

**REPUBLIC OF KENYA**

**MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN  
DEVELOPMENT & PUBLIC WORKS  
STATE DEPARTMENT OF PUBLIC WORKS  
SUPPLIES BRANCH- LIKONI RD, INDUSTRIAL AREA  
P. O. BOX 300743-00100, NAIROBI**

**TENDER DOCUMENT FOR FRAME WORK CONTRACTS**

**FOR**

**SUPPLY AND DELIVERY OF AGRICULTURAL EQUIPMENT  
ACCESSORIES AS AND WHEN REQUIRED, FOR TWO  
YEARS**

**TENDER NUMBER: SDPW/SB/013/2022-2024**

**CLOSING DATE: 3rd November, 2022 at 10.00 a.m.**



**MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN  
DEVELOPMENT AND PUBLIC WORKS,  
STATE DEPARTMENT OF PUBLIC WORKS**

**FRAME WORK CONTRACTS FOR SUPPLY AND DELIVERY OF  
AGRICULTURAL EQUIPMENT ACCESSORIES AS AND WHEN REQUIRED,  
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1. The **Principal Secretary, State Department of Public Works** invites sealed tenders for the **SUPPLY AND DELIVERY OF AGRICULTURAL EQUIPMENT ACCESSORIES TO MDAs AND STATE CORPORATIONS ON AS AND WHEN REQUIRED BASIS, FOR A PERIOD OF TWO YEARS**
2. Tendering will be conducted under Open Tendering Method (National) resulting into framework agreements using PPRA standardized tender document.. Tendering is open to all qualified and interested Tenderers.
3. Qualified and interested tenderers may obtain further information from the Supplies Branch Website, [www.suppliesbranch.go.ke](http://www.suppliesbranch.go.ke) and inspect the Tender Documents during normal office hours, at the Procurement Office on 2nd floor, Supplies Branch, Likoni Road, Industrial Area, Nairobi.
4. A complete set of tender documents may be obtained by interested tenderers electronically from the Supplies Branch Website ([www.suppliesbranch.go.ke](http://www.suppliesbranch.go.ke)). Tender documents obtained electronically will be free of charge.
5. Tenderers who download the tender document must forward their particulars immediately to [info@suppliesbranch.go.ke](mailto:info@suppliesbranch.go.ke) for registration.
6. Address for Submission of Tenders.

**The Head of Supplies Branch,  
Supplies Branch,  
Likoni Road, Industrial Area,  
P. O. Box 30743-00100, Nairobi.**
7. Complete Tender Documents shall be dropped in the tender box located at Supplies Branch Headquarters Likoni Road, Industrial Area, Nairobi Ground Floor reception.
8. All Tenders shall be accompanied by a Tender Security of Kshs. 1,000,000.00. in the form of banker's cheque to the Head- Supplies Branch or a guarantee issued by a reputable bank/ Insurance company. The tender security shall remain valid for **210 days** after the date of opening.
9. Prices quoted should be net inclusive of all taxes, delivery costs and must be expressed in Kenya Shillings and shall remain valid for one **Hundred and Eighty (180) days** from the closing/opening date of the tender

10. The Tenderer shall chronologically serialize all pages of the tender documents submitted.
11. Completed tenders must be delivered to the address below on or before **3rd November, 2022 at 10.00 a.m.** Electronic Tenders will not be permitted.
12. Tenders will be opened immediately after the deadline date and time specified above or any dead line date and time specified later. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend at **Supplies Branch, Likoni Road, Industrial Area, Nairobi.** Late tenders will be rejected.

**HEAD/ SUPPLIES BRANCH  
FOR: PRINCIPAL SECRETARY**

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# **PART 1 - TENDERING PROCEDURES**

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## SECTION I: INSTRUCTIONS TO TENDERERS

### A General Provisions

#### 1. Scope of Tender

- 1.1 The Procuring Entity as defined in the TDS invites tenders for supply of goods and, if applicable, any Related Services incidental thereto, as specified in Section V, Supply Requirements. The name, identification, and number of lots (contracts) of this Tender Document are specified in the TDS.
- 1.2 Throughout this tendering document:
- a) the term “in writing” means communicated in written form (e.g. by mail, e-mail, fax, including if specified in the TDS, distributed or received through the electronic-procurement system used by the Procuring Entity) with proof of receipt;
  - b) if the context so requires, “singular” means “plural” and vice versa;
  - c) “Day” means calendar day, unless otherwise specified as “Business Day”. A Business Day is any day that is an official working day of the Procuring Entity. It excludes official public holidays.

#### 2. Fraud and Corruption

- 2.1 The Procuring Entity requires compliance with the provisions of the Public Procurement and Asset Disposal Act, 2015, Section 62 “Declaration not to engage in corruption”. The tender submitted by a person shall include a declaration that the person shall not engage in any corrupt or fraudulent practice and a declaration that the person or his or her sub-contractors are not debarred from participating in public procurement proceedings.
- 2.2 The Procuring Entity requires compliance with the provisions of the Competition Act 2010, regarding collusive practices in contracting. Any tenderer found to have engaged in collusive conduct shall be disqualified and criminal and/or civil sanctions may be imposed. To this effect, Tenders shall be required to complete and sign the “Certificate of Independent Tender Determination” annexed to the Form of Tender.
- 2.3 Unfair Competitive Advantage - Fairness and transparency in the tender process require that the firms or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to this tender. To that end, the Procuring Entity shall indicate in the **Data Sheet** and make available to all the firms together with this tender document all information that would in that respect give such firm any unfair competitive advantage over competing firms.

#### 3. Eligible Tenderers

- 3.1 A Tenderer may be a firm that is a private entity, an individual, a state-owned enterprise or institution subject to ITT3.7, or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. Public employees and their close relatives (*spouses, children, brothers, sisters and uncles and aunts*) are not eligible to participate in the tender.

In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Tendering process and, in the event the JV is awarded the Contract, during contract execution. The maximum number of JV members shall be specified in the **TDS**.

- 3.2 Public Officers of the Procuring Entity, their Spouses, Child, Parent, Brothers or Sister. Child, Parent, Brother or Sister of a Spouse their business associates or agents and firms/organizations in which they have a substantial or controlling interest shall not be eligible to tender or be awarded a contract. Public Officers are also not allowed to participate in any procurement proceedings.
- 3.3 A Tenderer shall not have a conflict of interest. Any Tenderer found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest for the purpose of this Tendering process, if the Tenderer:

- a) directly or indirectly controls, is controlled by or is under common control with another Tenderer; or
- b) receives or has received any direct or indirect subsidy from another Tenderer; or
- c) has the same - representative or ownership as another Tenderer; or
- d) has a relationship with another Tenderer, directly or through common third parties, that puts it in a position to influence the Tender of another Tenderer, or influence the decisions of the Procuring Entity regarding this Tendering process; or
- e) or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods that are the subject of the Tender; or
- f) or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity or Procuring Entity for the Contract implementation; or
- g) would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the project specified in the TDS ITT 1.1 that it provided or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm; or has a close business or family relationship with a professional staff of the Procuring Entity (or of the project implementing agency, who: (i) are directly or indirectly involved in the preparation of the tendering document or specifications of the Contract, and/or the Tender evaluation process of such Contract; or (ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the Tendering process and execution of the Contract.

34 A tenderer shall not be involved in corrupt, coercive, obstructive, collusive or fraudulent practice. A tenderer that is proven to have been involved in any of these practices shall be automatically disqualified.

35 A firm that is a Tenderer (either individually or as a JV member) shall not submit more than one Tender, except for permitted alternative Tenders. This includes participation as a subcontractor. Such participation shall result in the disqualification of all Tenders in which the firm is involved. A firm that is not a Tenderer or a JV member, may participate as a subcontractor in more than one Tender. Members of a joint venture may not also make an individual tender, be a subcontractor in a separate tender or be part of another joint venture for the purposes of the same Tender.

36 A Tenderer may have the nationality of any country, subject to the restrictions pursuant to ITT3.9. A Tenderer shall be deemed to have the nationality of a country if the Tenderer is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub consultants for any part of the Contract including related Services.

37 A Tenderer that has been debarred by the PPRA from participating in public procurement shall be ineligible to tender or be awarded a contract. The list of debarred firms and individuals is available from the [PPRA's website www.ppra.go.ke](http://www.ppra.go.ke)

38 Tenderers that are state-owned enterprises or institutions may be eligible to compete and be awarded a Contract(s) only if they are (i) a legal public entity of the state Government and/or public administration, (ii) financially autonomous and not receiving any significant subsidies or budget support from any public entity or Government, and (iii) operating under commercial law and vested with legal rights and liabilities similar to any commercial enterprise to enable it compete with firms in the private sector on an equal basis. Public employees and their close relatives are not eligible to participate in the tender.

39 Tenderers may be ineligible if their countries of origin (a) as a matter of law or official regulations, Kenya prohibits commercial relations with that country, or(b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods or contracting for supply of goods or services from that country, or any payments to any country, person, or entity in that country. A tenderer shall provide such documentary evidence of eligibility satisfactory to the Procuring Entity, as the Procuring Entity shall reasonably request.

310 Tenderers shall provide the qualification information statement that the tenderer (including all members of a joint venture and subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Procuring entity to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods under this Invitation for tenders.

311 Where the law requires tenderers to be registered with certain authorities in Kenya, such registration requirements shall be defined in the **TDS**

- 3.12 The Competition Act of Kenya requires that firms wishing to tender as Joint Venture undertakings which may prevent, distort or lessen competition in provision of services are prohibited unless they are exempted in accordance with the provisions of Section 25 of the Competition Act, 2010. JVs will be required to seek for exemption from the Competition Authority. Exemption shall not be a condition for tender, but it shall be a condition of contract award and signature. A JV tenderer shall be given opportunity to seek such exemption as a condition of award and signature of contract. Application for exemption from the Competition Authority of Kenya may be accessed from the website [www.cak.go.ke](http://www.cak.go.ke).
- 3.13 A Kenyan tenderer shall provide evidence of having fulfilled his/her tax obligations by producing a current tax clearance certificate or tax exemption certificate issued by the Kenya Revenue Authority.

#### **4 Eligible Goods and Related Services**

- 4.1 All the Goods and Related Services to be supplied under the Contract shall have their origin in any country that is eligible in accordance with ITT 3.9.
- 4.2 For purposes of this ITT, the term “goods” includes commodities, raw material, machinery, equipment, and industrial plants; and “related services” include services such as insurance, installation, training, and initial maintenance.
- 4.3 The term “origin” means the country where the goods have been mined, grown, cultivated, produced, manufactured or processed; or, through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
- 4.4 A procuring entity shall ensure that the items listed below shall be sourced from Kenya and there shall be no substitutions from foreign sources. The affected items are:
- a) motor vehicles, plant and equipment which are assembled in Kenya;
  - b) furniture, textile, foodstuffs, oil and gas, information communication technology, steel, cement, leather, agro-processed products, sanitary products, and other goods made in Kenya; or
  - c) goods manufactured, mined, extracted or grown in Kenya.
- 4.5 Any goods, works and production processes with characteristics that have been declared by the relevant national environmental protection agency or by other competent authority as harmful to human beings and to the environment shall not be eligible for procurement.

#### **5 Sections of Tendering Document**

- 5.1 The tendering document consist of Parts 1, 2, and 3, which include all the sections indicated below, and should be read in conjunction with any Addenda issued in accordance with ITT8.

##### **PART 1: Tendering Procedures**

- i) Section I - Instructions to Tenderers (ITT)
- ii) Section II - Tendering Data Sheet (TDS)
- iii) Section III - Evaluation and Qualification Criteria
- iv) Section IV - Tendering Forms

##### **PART 2: Supply Requirements**

- v) Section V - Schedule of Requirements

##### **PART 3 Conditions of Contract**

- vi) Section VI - General Conditions of Contract (GCC)
- vii) Section VII - Special Conditions of Contract (SCC)
- viii) Section VIII- Contract Forms

- 5.2 The notice of Invitation to Tender or the notice to the prequalified Tenderers issued by the Procuring Entity is not part of the tendering document.
- 5.3 Unless obtained directly from the Procuring Entity, the Procuring Entity is not responsible for the completeness of the document, responses to requests for clarification, the minutes of the pre-tender meeting (if any), or addenda to the tendering document in accordance with ITT7.
- 5.4 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tendering

document and to furnish with its Tender all information or documentation as is required by the tendering document.

## **6 Clarification of Tendering Document**

61 A Tenderer requiring any clarification of the Tender Document shall contact the Procuring Entity in writing at the Procuring Entity's address specified in the **TDS** or raise its enquiries during the pre-Tender meeting if provided for in accordance with ITT 6.4. The Procuring Entity will respond in writing to any request for clarification, provided that such request is received no later than the period specified in the **TDS** prior to the deadline for submission of tenders. The Procuring Entity shall forward copies of its response to all tenderers who have acquired the Tender documents in accordance with ITT 5.3, including a description of the inquiry but without identifying its source. If so specified in the **TDS**, the Procuring Entity shall also promptly publish its response at the web page identified in the **TDS**. Should the clarification result in changes to the essential elements of the Tender Documents, the Procuring Entity shall amend the Tender Documents following the procedure under ITT 7.

62 The Procuring Entity shall specify in the **TDS** if a pre-tender conference will be held, when and where. The Tenderer's designated representative is invited to attend a pre-Tender meeting. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

63 The Tenderer is requested to submit any questions in writing, to reach the Procuring Entity not later than the period specified in the **TDS** before the meeting.

64 Minutes of the pre-Tender meeting, if applicable, including the text of the questions asked by Tenderers and the responses given, together with any responses prepared after the meeting, will be transmitted promptly to all Tenderers who have acquired the Tender Documents in accordance with ITT 6.3. Minutes shall not identify the source of the questions asked.

65 The Procuring Entity shall also promptly publish anonymized (*no names*) Minutes of the pre-Tender meeting at the web page identified **in the TDS**. Any modification to the Tender Documents that may become necessary as a result of the pre-Tender meeting shall be made by the Procuring Entity exclusively through the issue of an Addendum pursuant to ITT 7 and not through the minutes of the pre-Tender meeting. Nonattendance at the pre-Tender meeting will not be a cause for disqualification of a Tenderer.

## **7 Amendment of Tendering Document**

71 At any time prior to the deadline for submission of Tenders, the Procuring Entity may amend the tendering document by issuing addenda.

72 Any addendum issued shall be part of the tendering document and shall be communicated in writing to all who have obtained the tender document from the Procuring Entity in accordance with ITT 6.3. The Procuring Entity shall also promptly publish the addendum on the Procuring Entity's web page in accordance with ITT 7.1.

73 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their Tenders, the Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders, pursuant to ITT 21.2.

## **C. Preparation of Tenders**

### **8 Cost of Tendering**

8.1 The Tenderer shall bear all costs associated with the preparation and submission of its Tender, and the Procuring Entity shall not be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.

### **9 Language of Tender**

9.1 The Tender, as well as all correspondence and documents relating to the Tender exchanged by the Tenderer and the Procuring Entity, shall be written in English Language. Supporting documents and printed literature that are part of the Tender may be in another language provided they are accompanied by an accurate translation of the relevant passages into the English Language, in which case, for purposes of interpretation of the Tender, such translation shall govern.

### **10 Documents Comprising the Tender**

10.1 The Tender shall comprise the following:

- a) Form of Tender prepared in accordance with ITT11;
- b) Price Schedules: completed in accordance with ITT 11 and ITT 13;
- c) Tender Security or Tender-Securing Declaration, in accordance with ITT 18.1;
- d) Alternative Tender: if permissible, in accordance with ITT12;
- e) Authorization: written confirmation authorizing the signatory of the Tender to commit the Tenderer, in accordance with ITT19.3;
- f) Qualifications: documentary evidence in accordance with ITT 16.2 establishing the Tenderer qualifications to perform the Contract if its Tender is accepted;
- g) Tenderer Eligibility: documentary evidence in accordance with ITT16.1 establishing the Tenderer eligibility to tender;
- h) Eligibility of Goods and Related Services: documentary evidence in accordance with ITT 15, establishing the eligibility of the Goods and Related Services to be supplied by the Tenderer;
- i) Conformity: documentary evidence in accordance with ITT15.2 that the Goods and Related Services conform to the tender document; and
- j) any other document required in the TDS.

10.2 In addition to the requirements under ITT 10.1, Tenders submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Tender shall be signed by all members and submitted with the Tender, together with a copy of the proposed Agreement.

10.3 The Tenderer shall furnish in the Form of Tender information on commissions gratuities, and fees, if any, paid or to be paid to agents or any other party relating to this Tender.

### **11 Form of Tender and Price Schedules**

11.1 The Form of Tender and Price Schedules shall be prepared using the relevant forms furnished in Section IV, Tendering Forms. The forms must be completed without any alterations to the text. All blank spaces shall be filled in with the information requested. The Tenderer shall chronologically serialise pages of all tender documents submitted.

### **12 Alternative Tenders**

12.1 Unless otherwise specified **in the TDS**, alternative Tenders shall not be considered.

### 13. Tender Prices and discounts

- 131 The prices quoted by the Tenderer in the Form of Tender and in the Price, Schedules shall conform to the requirements specified below.
- 132 All lots (contracts) and items must be listed and priced separately in the Price Schedules.
- 133 The price to be quoted in the Form of Tender in accordance with ITT10.1 shall be the total price of the Tender, including any discounts offered.
- 134 The Tenderer shall quote any discounts and indicate the methodology for their application in the form of tender. Conditional discounts will be rejected.
- 135 Prices quoted by the Tenderer shall be fixed during the performance of the Contract and not subject to variation on any account, unless otherwise specified **in the TDS**. A Tender submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected, pursuant to ITT 28. However, if in accordance with **the TDS**, prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract, a Tender submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero.
- 136 If specified in ITT 1.1, Tenders are being invited for individual lots (contracts) or for any combination of lots (packages). Unless otherwise specified **in the TDS**, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Tenderers wishing to offer discounts for the award of more than one Contract shall specify in their Tender the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITT 13.4 provided the Tenders for all lots (contracts) are opened at the same time.
- 137 The terms EXW, CIP, CIF, DDP and other similar terms shall be governed by the rules prescribed in the current edition of Incoterms, published by the International Chamber of Commerce.
- 138 Prices shall be quoted as specified in each Price Schedule included in Section IV, Tendering Forms. The disaggregation of price components is required solely for the purpose of facilitating the comparison of Tenders by the Procuring Entity. This shall not in any way limit the Procuring Entity's right to contract on any of the terms offered. In quoting prices, the Tenderer shall be free to use transportation through carriers registered in any eligible country. Similarly, the Tenderer may obtain insurance services from any eligible country in accordance with ITT 3.6, Eligible Tenders. Prices shall be entered in the following manner:
- a) For Goods manufactured in Kenya:
    - i) the price of the Goods quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the- shelf, as applicable) final destination point indicated in the **TDS**, including all customs duties and sales and other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the Goods;
    - ii) any sales tax and other taxes which will be payable in Kenya on the Goods if the Contract is awarded to the Tenderer; and
    - iii) the price for inland transportation, insurance, and other local services required to convey the Goods to their final destination specified **in the TDS**.
  - b) For Goods manufactured outside Kenya, to be imported:
    - i) the price of the Goods, quoted CIP named place of destination, in Kenya, as specified **in the TDS**;
    - ii) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination specified **in the TDS**;
  - c) For Goods manufactured outside Kenya, already imported:
    - i) the price of the Goods, including the original import value of the Goods; plus, any mark-up (or rebate); plus, any other related local cost, and custom duties and other import taxes already paid or to be paid on the Goods already imported;
    - ii) the custom duties and other import taxes already paid (need to be supported with documentary evidence) or to be paid on the Goods already imported;

- iii) any sales and other taxes levied in Kenya which will be payable on the Goods if the Contract is awarded to the Tenderer; and
- iv) the price for inland transportation, insurance, and other local services required to convey the Goods from the named place of destination to their final destination (Project Site) specified **in the TDS**.

- d) for Related Services, other than inland transportation and other services required to convey the Goods to their final destination, whenever such Related Services are specified in the Schedule of Requirements, the price of each item comprising the Related Services (inclusive of any applicable taxes).

#### **14. Currencies of Tender and Payment**

**141** The currency (ies) of the Tender, the currency (ies) of award and the currency (ies) of contract payments shall be the same.

**142** The Tenderer shall quote in Kenya shillings. If allowed in the **TDS**, the Tenderer may express the Tender price in any currency, provided it shall use no more than two foreign currencies in addition to the Kenya Shilling.

**143** The rates of exchange to be used by the Tenderer shall be based on the exchange rates provided by the Central Bank of Kenya on the date 30 days prior to the actual date of tender opening.

#### **15. Documents Establishing the Eligibility and Conformity of the Goods and Related Services**

**151** To establish the eligibility of the Goods and Related Services in accordance with ITT 15, Tenderers shall complete the country of origin declarations in the Price Schedule Forms, included in Section IV, Tendering Forms.

**152** To establish the conformity of the Goods and Related Services to the tendering document, the Tenderer shall furnish as part of its Tender the documentary evidence that the Goods conform to the technical specifications and standards specified in Section VII, Schedule of Requirements.

**153** The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Section VII, Schedule of Requirements.

**154** The Tenderer shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the TDS** following commencement of the use of the goods by the Procuring Entity.

**155** Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Procuring Entity in the Schedule of Requirements, are intended to be descriptive only and not restrictive. The Tenderer may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Procuring Entity's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in the Section VII, Schedule of Requirements.

#### **16. Documents Establishing the Eligibility and Qualifications of the Tenderer**

**161** To establish Tenderer eligibility in accordance with ITT 4, Tenderers shall complete the Form of Tender, included in Section IV, Tendering Forms.

**162** The documentary evidence of the Tenderer qualifications to perform the Contract if its Tender is accepted shall establish to the Procuring Entity's satisfaction:

- a) that, if required **in the TDS**, a Tenderer that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Tendering Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Kenya;
- b) that, if required **in the TDS**, in case of a Tenderer not doing business within the Kenya, the Tenderer is or will be (if awarded the Contract) represented by an Agent in the country equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- c) that the Tenderer meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

#### **17. Period of Validity of Tenders**

**171** Tenders shall remain valid for the Tender Validity period specified **in the TDS**. The Tender Validity period starts from the date fixed for the Tender submission deadline (as prescribed by the Procuring Entity in

accordance with ITT 21.1). A Tender valid for a shorter period shall be rejected by the Procuring Entity as non-responsive.

172 In exceptional circumstances, prior to the expiration of the Tender validity period, the Procuring Entity may request Tenderers to extend the period of validity of their Tenders. The request and the responses shall be made in writing. If a Tender Security is requested in accordance with ITT 18, it shall also be extended for a corresponding period. A Tenderer may refuse the request without forfeiting its Tender Security. A Tenderer granting the request shall not be required or permitted to modify its Tender, except as provided in ITT 17.3.

173 If the award is delayed by a period exceeding the number of days to be specified in the **TDS** days beyond the expiry of the initial tender validity period, the Contract price shall be determined as follows:

- a) in the case of **fixed price** contracts, the Contract price shall be the tender price adjusted by the factor specified **in the TDS**;
- b) in the case of **adjustable price** contracts, no adjustment shall be made; or in any case, tender evaluation shall be based on the tender price without taking into consideration the applicable correction from those indicated above.

## **18. Tender Security**

**181** The Tenderer shall furnish as part of its Tender, either a Tender-Securing Declaration or a Tender Security, as specified **in the TDS**, in original form and, in the case of a Tender Security, in the amount and currency specified **in the TDS**.

182 A Tender Securing Declaration shall use the form included in Section IV, Tendering Forms.

183 If a Tender Security is specified pursuant to ITT 18.1, the Tender Security shall be a demand guarantee in any of the following forms at the Tenderer option:

- i) cash;
- ii) a bank guarantee;
- iii) a guarantee by an insurance company registered and licensed by the Insurance Regulatory Authority listed by the Authority; or
- iv) a letter of credit; or
- v) guarantee by a deposit taking micro-finance institution, Sacco society, the Youth Enterprise Development Fund or the Women Enterprise Fund.

184 If an unconditional guarantee is issued by a non-Bank financial institution located outside Kenya, the issuing non-Bank financial institution shall have a correspondent financial institution located in Kenya to make it enforceable unless the Procuring Entity has agreed in writing, prior to Tender submission, that a correspondent financial institution is not required. In the case of a bank guarantee, the Tender Security shall be submitted either using the Tender Security Form included in Section IV, Tendering Forms, or in another substantially similar format approved by the Procuring Entity prior to Tender submission. The Tender Security shall be valid for thirty (30) days beyond the original validity period of the Tender, or beyond any period of extension if requested under ITT 17.2.

185 If a Tender Security is specified pursuant to ITT 18.1, any Tender not accompanied by a substantially responsive Tender Security shall be rejected by the Procuring Entity as non-responsive.

186 If a Tender Security is specified pursuant to ITT 18.1, the Tender Security of unsuccessful Tenderers shall be returned as promptly as possible upon the successful Tenderer signing the Contract and furnishing the Performance Security pursuant to ITT 46. The Procuring Entity shall also promptly return the tender security to the tenderers where the procurement proceedings are terminated, all tenders were determined non-responsive or a bidder declines to extend tender validity period.

- 187 The Tender Security of the successful Tenderer shall be returned as promptly as possible once the successful Tenderer has signed the Contract and furnished the required Performance Security.
- 188 The Tender Security may be forfeited or the Tender Securing Declaration executed:
- a) if a Tenderer withdraws its Tender during the period of Tender validity specified by the Tenderer in the Form of Tender, or any extension thereto provided by the Tenderer; or
  - b) if the successful Tenderer fails to:
    - i) sign the Contract in accordance with ITT 45; or
    - ii) furnish a Performance Security in accordance with ITT 46.
- 189 Where tender securing declaration is executed, the Procuring Entity shall recommend to the PPRA that PPRA debar the Tenderer from participating in public procurement as provided in the law.
- 18.10 The Tender Security or Tender- Securing Declaration of a JV must be in the name of the JV that submits the Tender. If the JV has not been legally constituted into a legally enforceable JV at the time of Tendering, the Tender Security or Tender-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITT3.1 and ITT 10.2.
- 18.11 A tenderer shall not issue a tender security to guarantee itself.

## **19. Format and Signing of Tender**

- 19.1 The Tenderer shall prepare one original of the documents comprising the Tender as described in ITT 11 and clearly mark it "ORIGINAL." Alternative Tenders, if permitted in accordance with ITT 12, shall be clearly marked "ALTERNATIVE." In addition, the Tenderer shall submit copies of the Tender, in the number **specified in the TDS** and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.
- 19.2 Tenderers shall mark as "CONFIDENTIAL" information in their Tenders which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.
- 19.3 The original and all copies of the Tender shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Tenderer. This authorization shall consist of a written confirmation **as specified in the TDS** and shall be attached to the Tender. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Tender where entries or amendments have been made shall be signed or initialled by the person signing the Tender.
- 19.4 In case the Tenderer is a JV, the Tender shall be signed by an authorized representative of the JV on behalf of the JV, and so as to be legally binding on all the members as evidenced by a power of attorney signed by each members' legally authorized representatives.
- 19.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialled by the person signing the Tender.

## **D. Submission and Opening of Tenders**

### **20 Sealing and Marking of Tenders**

- 20.1 Depending on the sizes or quantities or weight of the tender documents, a tenderer may use an envelope, package or container. The Tenderer shall deliver the Tender in a single sealed envelope, or in a single sealed package, or in a single sealed container bearing the name and Reference number of the Tender, addressed to the Procuring Entity and a warning not to open before the time and date for Tender opening date. Within the single envelope, package or container, the Tenderer shall place the following separate, sealed envelopes:
- a) in an envelope or package or container marked "ORIGINAL", all documents comprising the Tender, as described in ITT 11; and
  - b) in an envelope or package or container marked "COPIES", all required copies of the Tender; and
  - c) if alternative Tenders are permitted in accordance with ITT 12, and if relevant:
    - i) in an envelope or package or container marked "ORIGINAL –ALTERNATIVE TENDER", the alternative Tender; and
    - ii) in the envelope or package or container marked "COPIES- ALTERNATIVE TENDER", all required copies of the alternative Tender.

- 202 The inner envelopes or packages or containers shall:
- a) bear the name and address of the Procuring Entity.
  - b) bear the name and address of the Tenderer; and
  - c) bear the name and Reference number of the Tender.
- 203 Where a tender package or container cannot fit in the tender box, the procuring entity shall:
- a) Specify in the **TDS** where such documents should be received.
  - b) maintain a record of tenders received and issue acknowledgement receipt note to each tenderer specifying time and date of receipt.
  - c) Ensure all tenders received are handed over to the tender opening committee for opening at the specified opening place and time.
- 204 If an envelope or package or container is not sealed and marked as required, the *Procuring Entity* will assume no responsibility for the misplacement or premature opening of the Tender. Tenders misplaced or opened prematurely will not be accepted.

## **21. Deadline for Submission of Tenders**

- 21.1 Tenders must be received by the Procuring Entity at the address and no later than the date and time specified **in the TDS**. When so specified **in the TDS**, Tenderers shall have the option of submitting their Tenders electronically. Tenderers submitting Tenders electronically shall follow the electronic Tender submission procedures **specified in the TDS**.
- 21.2 The Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders by amending the tendering document in accordance with ITT7, in which case all rights and obligations of the Procuring Entity and Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

## **22. Late Tenders**

- 22.1 The Procuring Entity shall not consider any Tender that arrives after the deadline for submission of Tenders. Any Tender received by the Procuring Entity after the deadline for submission of Tenders shall be declared late, rejected, and returned unopened to the Tenderer.

## **23. Withdrawal, Substitution, and Modification of Tenders**

- 23.1 A Tenderer may withdraw, substitute, or modify its Tender after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization (the power of attorney) in accordance with ITT19.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Tender must accompany the respective written notice. All notices must be:
- a) prepared and submitted in accordance with ITT 20 and 21 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION;" and
  - b) received by the Procuring Entity prior to the deadline prescribed for submission of Tenders, in accordance with ITT 22.
- 23.3 Tenders requested to be withdrawn in accordance with ITT 23.1 shall be returned unopened to the Tenderers.
- 23.4 No Tender may be withdrawn, substituted, or modified in the interval between the deadline for submission of Tenders and the expiration of the period of Tender validity specified by the Tenderer on the Form of Tender or any extension thereof.

## **24. Tender Opening**

- 24.1 Except as in the cases specified in ITT 23, the Procuring Entity shall, at the Tender opening, publicly open and read out all Tenders received by the deadline at the date, time and place specified **in the TDS** in the presence of Tenderers' designated representatives who choose to attend, including to attend any specific electronic tender opening procedures if electronic tendering is permitted in accordance with ITT 21.1, shall be as specified **in the TDS**.

- 242 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding Tender shall not be opened, but returned to the Tenderer. If the withdrawal envelope does not contain a copy of the “power of attorney” confirming the signature as a person duly authorized to sign on behalf of the Tenderer, the corresponding Tender will be opened. No Tender withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Tender opening.
- 243 Next, envelopes marked “SUBSTITUTION” shall be opened and read out and exchanged with the corresponding Tender being substituted, and the substituted Tender shall not be opened, but returned to the Tenderer. No Tender substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Tender opening.
- 244 Next, envelopes marked “MODIFICATION” shall be opened and read out with the corresponding Tender. No Tender modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Tender opening.
- 245 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Tenderer and whether there is a modification; the total Tender Prices, per lot (contract) if applicable, including any discounts and alternative Tenders; the presence or absence of a Tender Security, if required; and any other details as the Procuring Entity may consider appropriate.
- 246** Only Tenders, alternative Tenders and discounts that are opened and read out at Tender opening shall be considered further for evaluation. The Form of Tender and pages of the Bills of Quantities are to be initialed by the members of the tender opening committee attending the opening. The number of representatives of the Procuring Entity to sign shall be specified in the **TDS**.
- 247 The Procuring Entity shall neither discuss the merits of any Tender nor reject any Tender (except for late Tenders, in accordance with ITT 22.1).
- 248 The Procuring Entity shall prepare a record of the Tender opening that shall include, as a minimum:
- a) the name of the Tenderer and whether there is a withdrawal, substitution, or modification;
  - b) the Tender Price, per lot (contract) if applicable, including any discounts;
  - c) any alternative Tenders;
  - d) the presence or absence of a Tender Security or Tender-Securing Declaration, if one was required;
  - e) number of pages of each tender document submitted.
- 249 The Tenderers' representatives who are present shall be requested to sign the record. The omission of a Tenderer signature on the record shall not invalidate the contents and effect of the record. A copy of the tender opening register shall be issued to a Tenderer upon request.

## **E. Evaluation and Comparison of Tenders**

### **25. Confidentiality**

- 25.1 Information relating to the evaluation of Tenders and recommendation of contract award, shall not be disclosed to Tenderers or any other persons not officially concerned with the tendering process until the information on Intention to Award the Contract is transmitted to all Tenderers in accordance with ITT 41.
- 252 Any effort by a Tenderer to influence the Procuring Entity in the evaluation or contract award decisions may result in the rejection of its Tender.
- 253 Notwithstanding ITT 25.2, from the time of Tender opening to the time of Contract Award, if any Tenderer wishes to contact the Procuring Entity on any matter related to the Tendering process, it should do so in writing.

### **26. Clarification of Tenders**

- 26.1 To assist in the examination, evaluation, comparison of the Tenders, and qualification of the Tenderers, the Procuring Entity may, at its discretion, ask any Tenderer for a clarification of its Tender. Any clarification submitted by a Tenderer in respect to its Tender and that is not in response to a request by the Procuring Entity shall not be considered. The Procuring Entity's request for clarification and the response shall be in writing. No

change, including any voluntary increase or decrease, in the prices or substance of the Tender shall be sought, offered, or permitted except to confirm the correction of arithmetic errors discovered by the Procuring Entity in the Evaluation of the Tenders, in accordance with ITT 30.

If a Tenderer does not provide clarifications of its Tender by the date and time set in the Procuring Entity's request for clarification, its Tender may be rejected.

## **27. Deviations, Reservations, and Omissions**

27.1 During the evaluation of Tenders, the following definitions apply:

- a) "Deviation" is a departure from the requirements specified in the Tendering document;
- b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the tendering document; and
- c) "Omission" is the failure to submit part or all of the information or documentation required in the tendering document.

## **28. Determination of Responsiveness**

28.1 The Procuring Entity's determination of a Tender's responsiveness is to be based on the contents of the Tender itself, as defined in ITT28.2.

28. A substantially responsive Tender is one that meets the requirements of the tendering document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:

- a) if accepted, would:
  - i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or
  - ii) limit in any substantial way, inconsistent with the tendering document, the Procuring Entity's rights or the Tenderer obligations under the Contract; or
- b) if rectified, would unfairly affect the competitive position of other Tenderers presenting substantially responsive Tenders.

28.2 The Procuring Entity shall examine the technical aspects of the Tender submitted in accordance with ITT 15 and ITT 16, in particular, to confirm that all requirements of Section VII, Schedule of Requirements have been met without any material deviation or reservation, or omission.

28.3 If a Tender is not substantially responsive to the requirements of tendering document, it shall be rejected by the Procuring Entity and may not subsequently be made responsive by correction of the material deviation, reservation, or omission.

## **29. Non-conformities, Errors and Omissions**

29.1 Provided that a Tender is substantially responsive, the Procuring Entity may waive any non-conformities in the Tender.

29.2 Provided that a Tender is substantially responsive, the Procuring Entity may request that the Tenderer submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial non-conformities or omissions in the Tender related to documentation requirements. Such omission shall not be related to any aspect of the price of the Tender. Failure of the Tenderer to comply with the request may result in the rejection of its Tender.

29.3 Provided that a Tender is substantially responsive, the Procuring Entity shall rectify quantifiable nonmaterial non-conformities related to the Tender Price. To this effect, the Tender Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified in the TDS. The adjustment shall be based on the *average* price of the item or component as quoted in other substantially responsive Tenders. If the price of the item or component cannot be derived from the price of other substantially responsive Tenders, the Procuring Entity shall use its best estimate.

### **30. Arithmetical Errors**

- 30.1 The tender sum as submitted and read out during the tender opening shall be absolute and final and shall not be the subject of correction, adjustment or amendment in any way by any person or entity.
- 30.2 Provided that the Tender is substantially responsive, the Procuring Entity shall handle errors on the following basis:
- a) Any error detected if considered a major deviation that affects the substance of the tender, shall lead to disqualification of the tender as non-responsive .
  - b) Any errors in the submitted tender arising from a miscalculation of unit price, quantity, subtotal and total bid price shall be considered as a major deviation that affects the substance of the tender and shall lead to disqualification of the tender as non-responsive. and
  - c) if there is a discrepancy between words and figures, the amount in words shall prevail.
- 30.2 Tenderers shall be notified of any error detected in their bid during the notification of a ward.

### **31. Conversion to Single Currency**

- 31.1 For evaluation and comparison purposes, the currency(ies) of the Tender shall be converted in a single currency as specified **in the TDS**.

### **32. Margin of Preference and Reservations**

- 32.1 A margin of preference may be allowed on locally manufactured goods only when the contract is open to international tendering, where the tender is likely to attract foreign goods and where the contract exceeds the threshold specified in the Regulations.
- 32.2 For purposes of granting a margin of preference on locally manufactured goods under international competitive tendering, a procuring entity shall not subject the items listed below to international tender and hence no margin of preference shall be allowed. The affected items are:
- a) motor vehicles, plant and equipment which are assembled in Kenya;
  - b) furniture, textile, foodstuffs, oil and gas, information communication technology, steel, cement, leather agro-processing, sanitary products, and other goods made in Kenya; or
  - c) goods manufactured, mined, extracted or grown in Kenya.
- 32.3 A margin of preference shall not be allowed unless it is specified so in the **TDS**.
- 32.4 Contracts procured on basis of international competitive tendering shall not be subject to reservations to specific groups as provided in ITT 32.5.

- 32.5 Where it is intended to reserve a contract to a specific group of businesses (these groups are Small and Medium Enterprises, Women Enterprises, Youth Enterprises and Enterprises of persons living with disability, as the case may be), and who are appropriately registered as such by the authority to be specified in the **TDS**, a procuring entity shall ensure that the invitation to tender specifically indicates that only businesses or firms belonging to the specified group are eligible to tender as specified in the **TDS**. No tender shall be reserved to more than one group. If not so stated in the Tender documents, the invitation to tender will be open to all interested tenderers.

### **33. Evaluation of Tenders**

- 33.1 The Procuring Entity shall use the criteria and methodologies listed in this ITT and Section III, Evaluation and Qualification criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies, the Procuring Entity shall determine the Lowest Evaluated Tender. This is the Tender of the Tenderer that meets the qualification criteria and whose Tender has been determined to be:
- a) substantially responsive to the tender documents; and
  - b) the lowest evaluated price.

- 332 Price evaluation will be done for Items or Lots (contracts), as specified **in the TDS**; and the Tender Price as quoted in accordance with ITT 14. To evaluate a Tender, the Procuring Entity shall consider the following:
- a) price adjustment due to unconditional discounts offered in accordance with ITT 13.4;
  - b) converting the amount resulting from applying (a) and (b) above, if relevant, to a single currency in accordance with ITT 31;
  - c) price adjustment due to quantifiable nonmaterial non-conformities in accordance with ITT 29.3; and
  - d) any additional evaluation factors specified **in the TDS** and Section III, Evaluation and Qualification Criteria.
- 333 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be considered in Tender evaluation.
- 334 Where the tender involves multiple lots or contracts, the tenderer will be allowed to tender for one or more lots (contracts). Each lot or contract will be evaluated in accordance with ITT 33.2. The methodology to determine the lowest evaluated tenderer or tenderers based one lot (contract) or based on a combination of lots (contracts), will be specified in Section III, Evaluation and Qualification Criteria. In the case of multiple lots or contracts, tenderer will be will be required to prepare the Eligibility and Qualification Criteria Form for each Lot.
- 335 The Procuring Entity's evaluation of a Tender will include and consider:
- a) in the case of Goods manufactured in Kenya, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the Tenderer;
  - b) in the case of Goods manufactured outside Kenya, already imported or to be imported, customs duties and other import taxes levied on the imported Good, sales and other similar taxes, which will be payable on the Goods if the contract is awarded to the Tenderer;
- 336 The Procuring Entity's evaluation of a Tender may require the consideration of other factors, in addition to the Tender Price quoted in accordance with ITT 14. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of Tenders, unless otherwise specified in the **TDS** from amongst those set out in Section III, Evaluation and Qualification Criteria. The additional criteria and methodologies to be used shall be as specified in ITT 33.2(d).

#### **34. Comparison of Tenders**

- 34.1 The Procuring Entity shall compare the evaluated costs of all substantially responsive Tenders established in accordance with ITT 33.2 to determine the Tender that has the lowest evaluated cost. The comparison shall be on the basis of total cost (place of final destination) prices for all goods and all prices, plus cost of inland transportation and insurance to place of destination, for goods manufactured within the Kenya, together with prices for any required installation, training, commissioning and other services.

#### **35. Abnormally Low Tenders**

- 35.1 An Abnormally Low Tender is one where the Tender price, in combination with other constituent elements of the Tender, appears unreasonably low to the extent that the Tender price raises material concerns with the Procuring Entity as to the capability of the Tenderer to perform the Contract for the offered Tender price.
- 35.2 In the event of identification of a potentially Abnormally Low Tender by the evaluation committee, the Procuring Entity shall seek written clarification from the Tenderer, including a detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risks and responsibilities and any other requirements of the tendering document.
- 35.3 After evaluation of the price analysis, in the event that the Procuring Entity determines that the Tenderer has failed to demonstrate its capability to perform the contract for the offered Tender price, the Procuring Entity shall reject the Tender.

#### **36. Abnormally High Tenders**

- 36.4 An abnormally high price is one where the tender price, in combination with other constituent elements of the

Tender, appears unreasonably too high to the extent that the Procuring Entity is concerned that it (the Procuring Entity) may not be getting value for money or it may be paying too high a price for the contract compared with market prices or that genuine competition between Tenderers is compromised.

- 36.5 In case of an abnormally high tender price, the Procuring Entity shall make a survey of the market prices, check if the estimated cost of the contract is correct and review the Tender Documents to check if the specifications, scope of work and conditions of contract are contributory to the abnormally high tenders. The Procuring Entity may also seek written clarification from the tenderer on the reason for the high tender price. The Procuring Entity shall proceed as follows:
- i) If the tender price is abnormally high based on wrong estimated cost of the contract, the Procuring Entity may accept or not accept the tender depending on the Procuring Entity's budget considerations.
  - ii) If specifications, scope of work and/or conditions of contract are contributory to the abnormally high tender prices, the Procuring Entity shall reject all tenders and may retender for the contract based on revised estimates, specifications, scope of work and conditions of contract, as the case may be.
- 36.6 If the Procuring Entity determines that the Tender Price is abnormally too high because genuine competition between tenderers is compromised (*often due to collusion, corruption or other manipulations*), the Procuring Entity shall reject all Tenders and shall institute or cause relevant Government Agencies to institute an investigation on the cause of the compromise, before retendering.

### **37. Post Qualification of the Tenderer**

- 37.1 The Procuring Entity shall determine, to its satisfaction, whether the eligible Tenderer that is selected as having submitted the lowest evaluated cost and substantially responsive Tender, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 37.2 The determination shall be based upon an examination of the documentary evidence of the Tenderer qualifications submitted by the Tenderer, pursuant to ITT 15 and 16. The determination shall not take into consideration the qualifications of other firms such as the Tenderer subsidiaries, parent entities, affiliates, subcontractors (other than specialized subcontractors if permitted in the tendering document), or any other firm(s) different from the Tenderer.
- 37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in disqualification of the Tender, in which event the Procuring Entity shall proceed to the Tenderer who offers a substantially responsive Tender with the next lowest evaluated cost to make a similar determination of that Tenderer qualifications to perform satisfactorily.

### **38. Lowest Evaluated Tender**

- 38.1 Having compared the evaluated prices of Tenders, the Procuring Entity shall determine the Lowest Evaluated Tender. The Lowest Evaluated Tender is the Tender of the Tenderer that meets the Qualification Criteria and whose Tender has been determined to be:
- a) Most responsive to the Tender document; and
  - b) the lowest evaluated price.

### **39. Procuring Entity's Right to Accept Any Tender, and to Reject Any or All Tenders.**

- 39.1 The Procuring Entity reserves the right to accept or reject any Tender, and to annul the Tendering process and reject all Tenders at any time prior to notification Award, without thereby incurring any liability to Tenderers. In case of annulment, all Tenderers shall be notified with reasons and all Tenders submitted and specifically, tender securities, shall be promptly returned to the Tenderers.

## **F. Award of Contract**

### **40. Award Criteria**

The Procuring Entity shall award the Contract to the successful tenderer whose tender has been determined to be the Lowest Evaluated Tender in accordance with procedures in Section 3: Evaluation and Qualification Criteria.

#### **41. Notice of Intention to enter into a Contract**

Upon award of the contract and Prior to the expiry of the Tender Validity Period the Procuring Entity shall issue a Notification of Intention to Enter into a Contract / Notification of award to all tenderers which shall contain, at a minimum, the following information:

- a) the name and address of the Tenderer submitting the successful tender;
- b) the Contract price of the successful tender;
- c) a statement of the reason(s) the tender of the unsuccessful tenderer to whom the letter is addressed was unsuccessful, unless the price information in (c) above already reveals the reason;
- d) the expiry date of the Standstill Period; and
- e) instructions on how to request a debriefing and/or submit a complaint during the standstill period;

#### **42. Standstill Period**

42.1 The Contract shall not be awarded earlier than the expiry of a Standstill Period of 14 days to allow any dissatisfied candidate to launch a complaint. Where only one Tender is submitted, the Standstill Period shall not apply.

42.2 Where standstill period applies, it shall commence when the Procuring Entity has transmitted to each Tenderer the Notification of Intention to Enter into a Contract to the successful Tenderer.

#### **43. Debriefing by the Procuring Entity**

43.1 On receipt of the Procuring Entity's Notification of Intention to Enter into a Contract referred to in ITT 41, an unsuccessful tenderer may make a written request to the Procuring Entity for a debriefing on specific issues or concerns regarding their tender. The Procuring Entity shall provide the debriefing within five days of receipt of the request.

43.2 Debriefings of unsuccessful Tenderers may be done in writing or verbally. The Tenderer shall bear its own costs of attending such a debriefing meeting.

#### **44. Letter of Award**

Prior to the expiry of the Tender Validity Period and upon expiry of the Standstill Period specified in ITT 42, upon addressing a complaint that has been filed within the Standstill Period, the Procuring Entity shall transmit the Letter of Award to the successful Tenderer. The letter of award shall request the successful tenderer to furnish the Performance Security within 21 days of the date of the letter.

#### **45. Signing of Contract**

45.1 Upon the expiry of the fourteen days of the Notification of Intention to enter into contract and upon the parties meeting their respective statutory requirements, the Procuring Entity shall send the successful Tenderer the Contract Agreement.

45.2 Within fourteen (14) days of receipt of the Contract Agreement, the successful Tenderer shall sign, date, and return it to the Procuring Entity.

45.3 The written contract shall be entered into within the period specified in the notification of award and before expiry of the tender validity period.

#### **46. Performance Security**

46.1 Within twenty-one (21) days of the receipt of Letter of Acceptance from the Procuring Entity, the successful Tenderer, if required, shall furnish the Performance Security in accordance with the GCC 18, using for that purpose the Performance Security Form included in Section X, Contract Forms. If the Performance Security furnished by the successful Tenderer is in the form of a bond, it shall be issued by a bonding or insurance company that has been determined by the successful Tenderer to be acceptable to the Procuring Entity. A foreign institution providing a bond shall have a correspondent financial institution located in Kenya, unless the Procuring Entity has agreed in writing that a correspondent financial institution is not required.

462 Failure of the successful Tenderer to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender Security. In that event the Procuring Entity may award the Contract to the Tenderer offering the next lowest Evaluated Tender.

463 Performance security shall not be required for a contract, if so specified in the **TDS**.

#### **47. Publication of Procurement Contract**

Within fourteen days after signing the contract, the Procuring Entity shall publish and publicize the awarded contract at its notice boards, entity website; and on the Website of the Authority in manner and format prescribed by the Authority. At the minimum, the notice shall contain the following information:

- a) name and address of the Procuring Entity;
- b) name and reference number of the contract being awarded, a summary of its scope and the selection method used;
- c) the name of the successful Tenderer, the final total contract price, the contract duration.
- d) dates of signature, commencement and completion of contract;
- e) names of all Tenderers that submitted Tenders, and their Tender prices as read out at Tender opening;

#### **48. Procurement Related Complaint**

The procedures for making a Procurement-related Complaint are as specified in the **TDS**.

## SECTION II – TENDER DATA SHEET (TDS)

The following specific data shall complement, supplement, or amend the provisions in the Instructions to Tenderers (ITT). Whenever there is a conflict, the provisions herein shall prevail over those in ITT.

<b>ITT Reference</b>	<b>A. General</b>
<b>ITT 1.1</b>	<p>The reference number of the Invitation for Tenders is: <b>TENDER NUMBER: SDPW/SB/013/2022-2024</b></p> <p>The Procuring Entity is: <b>MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING, URBAN DEVELOPMENT AND PUBLIC WORKS, STATE DEPARTMENT OF PUBLIC WORKS – SUPPLIES BRANCH DEPARTMENT</b></p> <p>The name of the Contract is: <b>SUPPLY AND DELIVERY OF AGRICULTURAL EQUIPMENT ACCESSORIES ON AS AND WHEN REQUIRED BASIS, FOR TWO YEARS</b></p> <p>The number and identification of lots (contracts) comprising this Invitation for Tenders is: N/A</p>
<b>ITT 2.3</b>	The Information made available on competing firms is as follows: N/A
<b>ITT 2.4</b>	The firms that provided consulting services for the contract being tendered for are: N/A
<b>ITT 3.1</b>	Maximum number of members in the Joint Venture (JV) shall be: N/A
<b>ITT3.7</b>	A list of debarred firms and individuals is available on the PPRA's website: <a href="http://www.ppra.go.ke">www.ppra.go.ke</a>
<b>ITT 3.11</b>	Tenderers shall be required to be to be registered with N/A
	<b>B. Contents of Tendering Document</b>
<b>ITT 6.1</b>	<p>(a) Address where to send enquiries is: <b>Email: <a href="mailto:info@suppliesbranch.go.ke">info@suppliesbranch.go.ke</a></b></p> <p><b>Addressed to: The Head of Supplies Branch, Supplies Branch, Likoni Road, Industrial Area, P. O. Box 30743-00100, Nairobi</b></p> <p>to reach the Procuring Entity not later than <b>within 7 days before submission.</b></p> <p>(b) The Procuring Entity publish its response at the website <a href="http://www.suppliesbranch.go.ke">www.suppliesbranch.go.ke</a></p>
	<b>C. Preparation of Tenders</b>
<b>ITT 13.5</b>	The prices quoted by the Tenderer <b>shall not</b> be subject to adjustment during the performance of the Contract.
<b>ITT 13.8 (a) (i) and (iii)</b>	Place of final destination: <b>Point of use or as advised by End User Procuring Entity</b>
<b>ITT 13.8 (a) (iii)</b>	Final Destination (Project Site): <b>Point of use or as advised by End User Procuring Entity</b>
<b>ITT 13.8 (b) (i)</b>	Named place of destination, in Kenya is <b>Point of use or as advised by End User Procuring Entity</b>

<b>13.8 (c) (iv)</b>	The place of final destination is <b>Point of use or as advised by Procuring Entity</b>
<b>ITT 14.2</b>	Foreign currency requirements <b>not allowed</b> .
<b>ITT 15.4</b>	Period of time the Goods are expected to be functioning (for the purpose of spare parts): N/A
<b>ITT 16.2 (a)</b>	Manufacturer's authorization is: <b>Not Required</b>
<b>ITT 16.2 (b)</b>	After sales service is: <b>Not Required</b>
<b>ITT 17.1</b>	The Tender validity period shall be <b>180</b> days.
<b>ITT 18.1</b>	A <i>Tender Security</i> <b>Shall be</b> required.  Tender Security shall be required and the amount and currency of the Tender Security shall be <b>Kshs. 1,000,000.00</b>
<b>ITT 19.1</b>	In addition to the original of the Tender, the number of copies is: One ( <i>1</i> ) <i>copy</i>
<b>ITT 19.3</b>	The written confirmation of authorization to sign on behalf of the Tenderer shall consist of: <b>POWER OF ATTORNEY</b> [ <i>insert the name and description of the documentation required to demonstrate the authority of the signatory to sign the Tender</i> ].
	<b>D. Submission and Opening of Tenders</b>
<b>ITT 20.3</b>	A tender document that cannot fit in the tender box shall be received as follows: <b>Physically and recorded in a register in the office of the Head of Supply Chain Magement Services on 2<sup>nd</sup> Floor, Rm No. 205.</b>

<b>ITT 21.1</b>	For <u>Tender submission purposes</u> only, the Procuring Entity's address is:  Attention: <b>The Head of Supplies Branch,</b> Postal Address: <b>P. O. Box 30743-00100, Nairobi, Kenya</b> Physical Address: <b>Supplies Branch, Likoni Road, Industrial Area</b> Telephone: +254 (0) 20 2140020/ +254 (0) 20 2150020 Electronic mail address: <a href="mailto:info@suppliesbranch.go.ke">info@suppliesbranch.go.ke</a>  <b>The deadline for Tender submission is:</b> Date: <b>3rd November, 2022</b> Time: <b>10:00 a.m.</b>  tenderers <b>Shall not</b> have the option of submitting their Tenders electronically.
<b>ITT 24.1</b>	The Tender opening shall take place at:  Attention: <b>The Head of Supplies Branch,</b> <b>Supplies Branch,</b> <b>Likoni Road, Industrial Area</b> Postal Address: <b>P. O. Box 30743-00100, Nairobi, Kenya</b> Physical Address: <b>Supplies Branch, Likoni Road, Industrial Area.</b>  Date: <b>3rd November, 2022</b>  Time: <b>10:00 a.m.</b>

ITT 24.6	The number of representatives of the Procuring Entity to sign is: As per the Tender Opening Committee; whereby, each Tender shall be initialed by all representatives and shall be numbered.
<b>E. Evaluation and Comparison of Tenders</b>	
ITT 33.1	The Procuring Entity shall recommend more than one bid as per the provisions of Section 20 and 32 of the Public Procurement Amendment Act, 2022.
ITT 32.3	A margin of preference and/or reservation " <i>shall not</i> " apply.
ITT 32.5	The invitation to tender is extended to the following group that qualify for Reservations N/A
ITT 33.2	Price evaluation will be done for; <b>Items quoted for - Supply and Delivery of Agricultural Equipment Accessories on As and When Required, for Two Years</b>
ITT 33.2 (d)	Additional evaluation factors are <b>See Evaluation Criteria</b>
ITT 33.6	<p>The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria: N/A</p> <p>(a) Deviation in Delivery schedule: <i>No</i>.</p> <p>(b) Deviation in payment schedule: <i>No</i>.</p> <p>(c) the cost of major replacement component, mandatory spare parts, and service: N/A</p> <p>(d) the availability in Kenya of spare parts and after-sales services for the equipment offered in the Tender N/A</p> <p>(e) Life cycle costs: the costs during the life of the goods or equipment N/A</p> <p>(f) the performance and productivity of the equipment offered; N/A</p>
<b>F. Award of Contract</b>	
ITT 46.3	Performance security if so required shall be in the sum of N/A
ITT 47	<p>The procedures for making a Procurement-related Complaint are detailed in the "Notice of Intention to Award the Contract" herein and are also available from the PPRA Website <a href="http://www.ppra.go.ke">www.ppra.go.ke</a>.</p> <p>If a Tenderer wishes to make a Procurement-related Complaint, the Tenderer should submit its complaint following these procedures, in writing (by the quickest means available, that is either by email or fax), to:</p> <p>For the attention: <b>The Head of Supplies Branch,</b>  Title/position: <b>The Head of Supplies Branch</b>  Procuring Entity: <b>Supplies Branch</b>  <b>Likoni Road, Industrial Area</b>  <b>P. O. Box 30743-00100, Nairobi, Kenya</b></p> <p>Email address: <a href="mailto:info@suppliesbranch.go.ke">info@suppliesbranch.go.ke</a></p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ol style="list-style-type: none"> <li>1. the terms of the Tendering Documents; and</li> <li>2. the Procuring Entity's decision to award the contract.</li> </ol>

## SECTION III - EVALUATION AND QUALIFICATION CRITERIA

### 1. General Provisions

- 11 Wherever a Tenderer is required to state a monetary amount, Tenderers should indicate the Kenya Shilling equivalent using the rate of exchange determined as follows:
- a) For business turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year is to be converted) was originally established.
  - b) Value of single contract - Exchange rate prevailing on the date of the contract signature.
  - c) Exchange rates shall be taken from the publicly available source identified in **the ITT 14.3**. Any error in determining the exchange rates in the Tender may be corrected by the Procuring Entity.
- 12 This section contains the criteria that the Procuring Entity Procuring Entity shall use to evaluate tender and qualify tenderers. No other factors, methods or criteria shall be used other than those specified in this tender document. The Tenderer shall provide all the information requested in the forms included in Section IV, Tendering Forms. The Procuring Entity should use the Standard Tender Evaluation Report for Goods and Works for evaluating Tenders.

### 2. Evaluation of Tenders (ITT 33)

#### 21 Successful Tender or Tenders

The Procuring Entity shall use the criteria and methodologies listed in this Section to evaluate Tenders. By applying these criteria and methodologies, the Procuring Entity shall determine the successful Tender or Tenders which has/have been determined to:

- a) be substantially responsive to the tender documents;
- b) offer the lowest evaluated cost to the Procuring Entity for all items of Goods to be procured based on either a single Contract or all multiple Contracts combined, as the case may be, in accordance with the ITT 13.6 inviting Tender prices and discounts, and provisions made of the Tender Document for evaluation of tenders and award of contract (s); and
- c) be offered by Tenderer or Tenderers that substantially meet the qualification criteria applicable for Contract or combined Contracts for which they are selected.

#### 22 Evaluation of Tenders

##### Preliminary examination for Determination of Responsiveness

The Procuring Entity will start by examining all tenders to ensure they meet in all respects the eligibility criteria and other mandatory requirements in the ITT, and that the tender is complete in all aspects in meeting the requirements provided for in the preliminary evaluation criteria outlined below. The Standard Tender Evaluation Report Document for Goods and Works for evaluating Tenders provides very clear guide on how to deal with review of these requirements. Tenders that do not pass the Preliminary Examination will be considered non-responsive and will not be considered further.

	<b>MANDATORY EVALUATION CRITERIA</b>
	<p>The following under- listed documents <b>MUST</b> be submitted in the following order:</p> <ol style="list-style-type: none"><li>1. Certificate of Incorporation or Registration.</li><li>2. CR 12 where applicable produced in the last 6 months.</li><li>3. Power of Attorney of individual authorized to sign documents on behalf of directors. <i>(Not Applicable to a Sole Proprietor firm)</i></li><li>4. Valid Tax Compliance Certificate.</li><li>5. Valid Single Business Permit.</li><li>6. Duly filled, signed and stamped Confidential Business Questionnaire Form - to establish that the bidder is not in any conflict of interest.</li><li>7. Duly filled, signed and stamped Form of Tender.</li></ol>

	<ol style="list-style-type: none"> <li>8. Duly filled, signed and stamped Certificate of Independent Tender Determination – to declare that the bidder has completed the tender without colluding with other tenderers.</li> <li>9. Duly filled, signed and stamped SD 1 and SD 2 forms (attached).</li> <li>10. Duly filled, signed and stamped - Declaration and commitment to the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal.</li> <li>11. Fill, Signed and Stamped Beneficial disclosure form</li> <li>12. Original bid bond of <b>Kshs.1,000,000</b> from a reputable bank or a guarantee by an insurance company registered and licensed by the Insurance Regulatory Authority listed by the Authority addressed to the Head/Supplies Branch and to remain in force for a period of <u>Two Hundred and Ten (210) days</u> from the closing date of the tender.</li> <li>13. Detailed Company profile.</li> <li>14. Bidders must provide evidence of having supplied similar items in the last 3 years by providing copies of orders and award letters from the current major clients.</li> <li>15. Submit audited accounts for last 3years (2019,2020,2021) to demonstrate the current soundness of the bidder’s financial position and its prospective long-term profitability.</li> <li>16. Submission of detailed bank account information including a reference letter from your bank indicating the lines of credit that can be extended to the bidder including bank overdrafts facilities.</li> <li>17. Original <b>Manufacturers’ Brochures</b> containing technical data must accompany all products quoted. Web site down load will not be acceptable unless they are original manufacturer’s PDF format</li> <li>18. Tenderers shall be required to provide a <b>Manufacturer’s Authorization / Prove of Dealership</b> (dealership authorization letter/certificate).</li> <li>19. All pages of both original and copy of the tender documents submitted <b>MUST</b> be sequentially serialized by the tenderers.</li> </ol> <p><b>N/B: - Full compliance by the tenderers shall be required to proceed to the next stage of evaluation. Failure to provide any of the listed requirements shall lead to disqualification.</b></p>
	<p><b>TECHNICAL EVALUATION CRITERIA</b> (See Specifications below)</p>
	<p><b>FINANCIAL EVALUATION CRITERIA</b></p> <p>Bids that meet all preliminary evaluation requirements shall be compared on the basis of unit prices quoted. Prevailing market prices will be used to determine the lowest evaluated bids. The evaluation committee may recommend one or more bids whose prices are within the market rates for award as per section 141 of the Procurement Act 2015.</p>

## PRICE EVALUATION

Consistent with and in addition to the criteria listed in ITT 33.3 and ITT 29.3; and ITT 34 and its subparagraphs the following criteria shall apply:

### 221 Evaluation of Technical aspects of the Tender

The Procuring Entity shall evaluate the Technical aspects of the Tender to determine compliance with the Procuring Entity's requirements under Section V 'Schedule of Requirement' and whether the Tenders are substantially responsive to the Technical Specifications and other Requirements.

### 3. MARGIN OF PREFERENCE

31 If the TDS so specifies, the Procuring Entity will grant a margin of preference of 15% (fifteen percent) to Tenderers offering goods manufactured, mined, extracted, grown, assembled or semi-processed in Kenya. Goods assembled or semi-processed in Kenya shall have a local content of not less than 40%.

32 The margin of preference will be applied in accordance with, and subject to, the following provisions:

- a) Tenderers applying for such preference on goods offered shall provide, as part of the data for qualification, such information, including details of the goods produced in Kenya, so as to determine whether, according to the classification established by the Procuring Entity, a particular category of goods or group of goods qualifies for a margin of preference.
- b) After Tenders have been received and reviewed by the Procuring Entity, goods offered in the responsive Tenders shall be assessed to ascertain they are manufactured, mined, extracted, grown, assembled or semi- processed in Kenya. Responsive tenders shall be classified into the following groups:
  - i) **Group A:** Tenders offering goods manufactured in Kenya, for which (a) labour, raw materials, and components from within Kenya account for more than forty (40) percent of the Ex-Works price; and  
(b) the production facility in which they will be manufactured or assembled has been engaged in manufacturing or assembling such goods at least since the date of Tender submission date;
  - ii) **Group B:** All other Tenders offering Goods manufactured in Kenya;
  - iii) **Group C:** Tenders offering Goods manufactured outside Kenya that have been already imported or that will be imported.
- c) To facilitate this classification by the Procuring Entity, the Tenderer shall complete whichever version of the Price Schedule furnished in the Tender Documents is appropriate. Incorrect classification may render the Tender non-responsive as no reclassification will be permitted after Tender opening. Tenderers shall provide correct information especially with respect to duties, taxes etc. paid on previously imported Goods and percentage of local labour, materials and components for Goods manufactured in Kenya as any false information which cannot be supported by documentation may render the Tender non-responsive besides other sanctions for providing falsified information.
- d) The Procuring Entity will first review the Tenders to confirm the appropriateness of the Tender group classification to which Tenderers assigned their Tenders in preparing their Tender Forms and Price Schedules.
- e) All evaluated Tenders in each group will then be compared to determine the lowest evaluated Tender of each group. Such lowest evaluated Tenders shall be compared with each other and if as a result of this comparison a Tender from Group A or Group B is the lowest, it shall be selected for the award.
- f) If as a result of the preceding comparison, the lowest evaluated Tender is a Tender from Group C, all Tenders from Group C shall be further compared with the lowest evaluated Tender from Group A after adding to the evaluated price of goods offered in each Tender from Group C, for the purpose of this further comparison only, an amount equal to 15% (fifteen percent) of the respective CIP Tender price for goods to be imported and already imported goods. Both prices shall include unconditional discounts and be corrected for arithmetical errors. If the Tender from Group A is the lowest, it shall be selected for award. If not, the lowest evaluated Tender from Group C shall be selected as per paragraph (e) above.”

### 4. Post Qualification of Tenderers (ITT 37)

#### a) Experience and Technical Capacity

The Tenderer shall furnish documentary evidence to demonstrate that it meets the following experience requirement(s) using the form provided in Section IV. In case the Tenderer is a JV, experience and demonstrated technical capacity of only the JV shall be taken into account and not of individual members nor their individual experience/capacity will be aggregated unless all members of the JV have been manufacturing and supplying Goods offered in the Tender to the same technology, processing, design, materials, specifications, model number, etc. in all respects such that Goods manufactured have the same functional characteristics, performance parameters, outputs and other guarantees and fully interchangeable

which shall be documented along with other required documents demonstrating capacity to the satisfaction of the Procuring Entity in case individual members claim experience. Otherwise, documents evidencing experience and technical capacity shall be in the name of the JV that submitted the Tender. Wherever the Words “Similar Goods” have been used it includes upgrades, latest and improved versions or models of similar specifications and technology. Refer to Form Exp-1 to provide the required information.

**42 History of non-performing contracts:**

Tenderer (Supplier or/and manufacturer, and each member of JV in case the Tenderer is a JV, shall demonstrate that Non-performance of a contract did not occur as a result of the default of the Tenderer, manufacturer or the member of JV as the case may be, in the last\_(*specify years*). The required information shall be furnished as per form CON-2].

**43 Pending Litigation**

Financial position and prospective long-term profitability of the Single Tenderer, and in the case the Tenderer is a JV, of each member of the JV, shall remain sound according to criteria established with respect to Financial Capability under paragraph I (i) above assuming that all pending litigation will be resolved against the Tenderer. Tenderer shall provide information on pending litigations as per Form CON-2.

**4.6. Litigation History**

There shall be no consistent history of court/arbitral award decisions against the Tenderer, in the last \_\_\_\_\_(*specify years*). All parties to the contract shall furnish the information on the related Form (CON-2) about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the years specified. A consistent history of awards against the Tenderer or any member of a JV may result in rejection of the tender.

## **SECTION IV - TENDERING FORMS**

- ❖ Form of Tender
- ❖ Tenderer Information Form
- ❖ Tenderer JV Members Information Form
- ❖ Price Schedule: Goods Manufactured In Kenya,
- ❖ Form of Tender Security – Demand Guarantee
- ❖ Form of Tender Security (Tender Bond)
- ❖ Form of Tender-Securing Declaration
- ❖ Manufacturer's Authorization Form

## FORM OF TENDER

### INSTRUCTIONS TO TENDERERS

- i) *The Tenderer must prepare this Form of Tender on stationery with its letterhead clearly showing the Tenderer's complete name and business address.*
- ii) *All italicized text is to help Tenderer in preparing this form.*
- iii) *Tenderer must complete and sign CERTIFICATE OF INDEPENDENT TENDER DETERMINATION and the SELF DECLARATION OF THE TENDERER attached to this Form of Tender.*

**Date of this Tender submission:**.....[insert date (as day, month and year) of Tender

submission] **Tender Name and Identification:**.....[insert

identification] **Alternative No.:**.....[insert identification No if this is a Tender

for an alternative]

To:.....[insert complete name of Procuring Entity]

- a) **No reservations:** We have examined and have no reservations to the Tendering document, including Addenda issued in accordance with Instructions to tenderers (ITT 7);
- b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITT 3;
- c) **Tender/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Procuring Entity based on execution of a Tender-Securing Declaration.  
or  
Proposal-Securing Declaration in Kenya in accordance with ITT 3.6;
- d) **Conformity:** We offer to supply in conformity with the Tendering document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods: *[insert a brief description of the Goods and Related Services]*;
- e) **Tender Price:** The total price of our Tender, excluding any discounts offered in item (f) below is:  
  
Option 1, in case of one lot: Total price is: *[insert the total price of the Tender in words and figures, indicating the various amounts and the respective currencies]*;  
  
or  
  
Option 2, in case of multiple lots: (a) Total price of each lot *[insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies]*; and (b) Total price of all lots (sum of all lots) *[insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies]*;
- f) **Discounts:** The discounts offered and the methodology for their application are:
  - i) The discounts offered are: *[Specify in detail each discount offered.]*
  - ii) The exact method of calculations to determine the net price after application of discounts are shown below: *[Specify in detail the method that shall be used to apply the discounts]*;
- g) **Tender Validity Period:** Our Tender shall be valid for the period specified in TDS 17.1 (as amended, if applicable) from the date fixed for the Tender submission deadline specified in TDS 21.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (h) **Performance Security:** If our Tender is accepted, we commit to obtain a performance security in accordance with the Tendering document;

- i) **One Tender per tenderer:** We are not submitting any other Tender(s) as an individual tenderer, and we are not participating in any other Tender(s) as a Joint Venture member, or as a subcontractor, and meet the requirements of ITT 3.9, other than alternative Tenders submitted in accordance with ITT 12;
- j) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Procuring Entity. Further, we are not ineligible under the Kenya laws or official regulations or pursuant to a decision of the United Nations Security Council;
- k) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of ITT 3.7];*
- l) **Commissions, gratuities, fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Tendering process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]*

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate “none.”)

- m) **Binding Contract:** We understand that this Tender, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- n) **Procuring Entity Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Tender, the Best Evaluated Tender or any other Tender that you may receive; and
- o) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.
- p) **Code of Ethical Conduct:** We undertake to adhere by the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal, copy available from \_\_\_\_\_ (specify website) during the procurement process and the execution of any resulting contract.
- q) **Collusive practices:** We hereby certify and confirm that the tender is genuine, non-collusive and made with the intention of accepting the contract if awarded. To this effect we have signed the “Certificate of Independent tender Determination” attached below.
- r) We, the Tenderer, have completed fully and signed the following Forms as part of our Tender:
- Tenderer's Eligibility; Confidential Business Questionnaire – to establish we are not in any conflict to interest.
  - Certificate of Independent Tender Determination – to declare that we completed the tender without colluding with other tenderers.
  - Self-Declaration of the Tenderer – to declare that we will, if awarded a contract, not engage in any form of fraud and corruption.
  - Declaration and commitment to the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal.

Further, we confirm that we have read and understood the full content and scope of fraud and corruption as informed in

“Appendix 1- Fraud and Corruption” attached to the Form of Tender.

**Name of the tenderer:** \*[insert complete name of the tenderer]

**Name of the person duly authorized to sign the Tender on behalf of the tenderer:** \*\*[insert complete name of person duly authorized to sign the Tender]

**Title of the person signing the Tender:** [insert complete title of the person signing the Tender]

**Signature of the person named above:** [insert signature of person whose name and capacity are shown above] **Date signed** [insert date of signing] **day of** [insert month], [insert year]

\*: In the case of the Tender submitted by a Joint Venture specify the name of the Joint Venture as tenderer.

\*\* : Person signing the Tender shall have the power of attorney given by the tenderer. The power of attorney shall be attached with the Tender Schedules.

## CERTIFICATE OF INDEPENDENT TENDER DETERMINATION

I, the undersigned, in submitting the accompanying Letter of Tender to the \_\_\_\_\_ [Name of Procuring Entity] for: \_\_\_\_\_ [Name and number of tender] in response to the request for tenders made by: \_\_\_\_\_ [Name of Tenderer] do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of \_\_\_\_\_ [Name of Tenderer] that:

1. I have read and I understand the contents of this Certificate;
2. I understand that the Tender will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am the authorized representative of the Tenderer with authority to sign this Certificate, and to submit the Tender on behalf of the Tenderer;
4. For the purposes of this Certificate and the Tender, I understand that the word "competitor" shall include any individual or organization, other than the Tenderer, whether or not affiliated with the Tenderer, who:
  - a) has been requested to submit a Tender in response to this request for tenders;
  - b) could potentially submit a tender in response to this request for tenders, based on their qualifications, abilities or experience;
5. The Tenderer discloses that [check one of the following, as applicable]:
  - a) The Tenderer has arrived at the Tender independently from, and without consultation, communication, agreement or arrangement with, any competitor;
  - b) the Tenderer has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this request for tenders, and the Tenderer discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;
6. In particular, without limiting the generality of paragraphs (5)(a) or (5)(b) above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
  - a) prices;
  - b) methods, factors or formulas used to calculate prices;
  - c) the intention or decision to submit, or not to submit, a tender; or
  - d) the submission of a tender which does not meet the specifications of the request for Tenders; except as specifically disclosed pursuant to paragraph (5)(b) above;
7. In addition, there has been no consultation, communication, agreement or arrangement with any competitor regarding the quality, quantity, specifications or delivery particulars of the works or services to which this request for tenders relates, except as specifically authorized by the procuring authority or as specifically disclosed pursuant to paragraph (5)(b) above;
8. the terms of the Tender have not been, and will not be, knowingly disclosed by the Tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening, or of the awarding of the Contract, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (5)(b) above.

Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

[Name, title and signature of authorized agent of Tenderer and Date]

**SELF-DECLARATION FORMS**

**FORM SD1**

**SELF DECLARATION THAT THE PERSON/TENDERER IS NOT DEBARRED IN THE MATTER OF THE PUBLIC PROCUREMENT AND ASSET DISPOSAL ACT 2015.**

I,.....of Post Office Box.....being a resident of .....in the Republic of.....do hereby make a statement as follows:-

1. THAT I am the Company Secretary/ Chief Executive/Managing Director/Principal Officer/Director of .....(*insert name of the Company*) who is a Bidder in respect of **Tender No.** .....for.....(*insert tender title/description*) for.....(*insert name of the Procuring entity*) and duly authorized and competent to make this statement.
  
2. THAT the aforesaid Bidder, its Directors and subcontractors have not been cak
3. red from participating in procurement proceeding under Part IV of the Act.
  
4. THAT what is deponed to herein above is true to the best of my knowledge, information and belief.

.....  
(Title)

.....  
(Signature)

.....  
(Date)

Bidder Official Stamp

**FORM SD2**

**SELF DECLARATION THAT THE PERSON/TENDERER WILL NOT ENGAGE IN ANY CORRUPT OR FRAUDULENT PRACTICE**

I.....of P. O. Box.....being a resident of .....in the Republic of .....do hereby make a statement as follows:-

1. THAT I am the Chief Executive/Managing Director/Principal Officer/Director of.....  
..... (insert name of the Company) who is a Bidder in respect of **Tender No**.....for.....(insert tender title/description)  
for.....(insert name of the Procuring entity) and duly authorized and competent to make this statement.
2. THAT the aforesaid Bidder, its servants and/or agents /subcontractors will not engage in any corrupt or fraudulent practice and has not been requested to pay any inducement to any member of the Board, Management, Staff and/or employees and/or agents of .....(insert name of the Procuring entity) which is the procuring entity.
3. THAT the aforesaid Bidder, its servants and/or agents /subcontractors have not offered any inducement to any member of the Board, Management, Staff and/or employees and/or agents of .....(name of the procuring entity).
4. THAT the aforesaid Bidder will not engage/has not engaged in any corrosive practice with other bidders participating in the subject tender.
5. THAT what is deponed to herein above is true to the best of my knowledge information and belief.

.....  
(Title)

.....  
(Signature)

.....  
(Date)

Bidder's Official Stamp

**DECLARATION AND COMMITMENT TO THE CODE OF ETHICS**

I.....(person) on behalf of (*Name of the Business/ Company/Firm*).....declare that I have read and fully understood the contents of the Public Procurement & Asset Disposal Act, 2015, Regulations and the Code of Ethics for persons participating in Public Procurement and Asset Disposal and my responsibilities under the Code.

I do hereby commit to abide by the provisions of the Code of Ethics for persons participating in Public Procurement and Asset Disposal.

Name of Authorized signatory.....

Sign.....

Position.....

Office address.....

Telephone.....

E-mail.....

Name of the Firm/Company.....

Date.....

**(Company Seal/ Rubber Stamp where applicable)**

Witness

Name

.....

Sign.....

Date.....

## APPENDIX 1- FRAUD AND CORRUPTION

*(Appendix 1 shall not be modified)*

### 1. Purpose

- 1.1 The Government of Kenya's Anti-Corruption and Economic Crime laws and their sanction's policies and procedures, Public Procurement and Asset Disposal Act (*no. 33 of 2015*) and its Regulation, and any other Kenya's Acts or Regulations related to Fraud and Corruption, and similar offences, shall apply with respect to Public Procurement Processes and Contracts that are governed by the laws of Kenya.

### 2. Requirements

- 2.1 The Government of Kenya requires that all parties including Procuring Entities, Tenderers, (applicants/proposers), Consultants, Contractors and Suppliers; any Sub-contractors, Sub-consultants, Service providers or Suppliers; any Agents (whether declared or not); and any of their Personnel, involved and engaged in procurement under Kenya's Laws and Regulation, observe the highest standard of ethics during the procurement process, selection and contract execution of all contracts, and refrain from Fraud and Corruption and fully comply with Kenya's laws and Regulations as per paragraphs 1.1 above.
- 2.2 Kenya's public procurement and asset disposal act (*no. 33 of 2015*) under Section 66 describes rules to be followed and actions to be taken in dealing with Corrupt, Coercive, Obstructive, Collusive or Fraudulent practices, and Conflicts of Interest in procurement including consequences for offences committed. A few of the provisions noted below highlight Kenya's policy of no tolerance for such practices and behavior:
- 1) a person to whom this Act applies shall not be involved in any corrupt, coercive, obstructive, collusive or fraudulent practice; or conflicts of interest in any procurement or asset disposal proceeding;
  - 2) A person referred to under subsection (1) who contravenes the provisions of that sub-section commits an offence;
  - 3) Without limiting the generality of the subsection (1) and (2), the person shall be—
    - a) disqualified from entering into a contract for a procurement or asset disposal proceeding; or
    - b) if a contract has already been entered into with the person, the contract shall be voidable;
  - 4) The voiding of a contract by the procuring entity under subsection (7) does not limit any legal remedy the procuring entity may have;
  - 5) An employee or agent of the procuring entity or a member of the Board or committee of the procuring entity who has a conflict of interest with respect to a procurement:-
    - a) shall not take part in the procurement proceedings;
    - b) shall not, after a procurement contract has been entered into, take part in any decision relating to the procurement or contract; and
    - c) shall not be a subcontractor for the bidder to whom was awarded contract, or a member of the group of bidders to whom the contract was awarded, but the subcontractor appointed shall meet all the requirements of this Act.
  - 6) An employee, agent or member described in subsection (1) who refrains from doing anything prohibited under that subsection, but for that subsection, would have been within his or her duties shall disclose the conflict of interest to the procuring entity;
  - 7) If a person contravenes subsection (1) with respect to a conflict of interest described in subsection (5)(a) and the contract is awarded to the person or his relative or to another person in whom one of them had a direct or indirect pecuniary interest, the contract shall be terminated and all costs incurred by the public entity shall be made good by the awarding officer. Etc.
- 2.3 In compliance with Kenya's laws, regulations and policies mentioned above, the Procuring Entity:
- a) Defines broadly, for the purposes of the above provisions, the terms set forth below as follows:
    - i) “corrupt practice” is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;

- ii) “fraudulent practice” is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
  - iii) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
  - iv) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
  - v) “obstructive practice” is:
    - deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede investigation by Public Procurement Regulatory Authority (PPRA) or any other appropriate authority appointed by Government of Kenya into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
    - acts intended to materially impede the exercise of the PPRA's or the appointed authority's inspection and audit rights provided for under paragraph 2.3 e. below.
- b) Defines more specifically, in accordance with the above procurement Act provisions set forth for fraudulent and collusive practices as follows:
- "fraudulent practice" includes a misrepresentation of fact in order to influence a procurement or disposal process or the exercise of a contract to the detriment of the procuring entity or the tenderer or the contractor, and includes collusive practices amongst tenderers prior to or after tender submission designed to establish tender prices at artificial non-competitive levels and to deprive the procuring entity of the benefits of free and open competition.
- c) Rejects a proposal for award<sup>1</sup> of a contract if PPRA determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
  - d) Pursuant to the Kenya's above stated Acts and Regulations, may sanction or debar or recommend to appropriate authority (ies) for sanctioning and debarment of a firm or individual, as applicable under the Acts and Regulations;
  - e) Requires that a clause be included in Tender documents and Request for Proposal documents requiring (i) Tenderers (applicants/proposers), Consultants, Contractors, and Suppliers, and their Sub-contractors, Sub-consultants, Service providers, Suppliers, Agents personnel, permit the PPRA or any other appropriate authority appointed by Government of Kenya to inspect<sup>2</sup> all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the PPRA or any other appropriate authority appointed by Government of Kenya; and
  - f) Pursuant to Section 62 of the above Act, requires Applicants/Tenderers to submit along with their Applications/Tenders/Proposals a “Self-Declaration Form” as included in the procurement document declaring that they and all parties involved in the procurement process and contract execution have not engaged/will not engage in any corrupt or fraudulent practices.

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<sup>1</sup>For the avoidance of doubt, a party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in a consultancy, and tendering, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

<sup>2</sup> Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Investigating Authority or persons appointed by the Procuring Entity to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

**TENDERER INFORMATION FORM**

*[The tenderer shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]*

Date:..... *[insert date (as day, month and year) of Tender submission]*

**Tender Name and Identification:**.....*[insert identification*

Alternative No.:..... *[insert identification No if this is a Tender for an alternative]* Page \_\_\_\_\_ of \_\_\_\_\_ pages

1.Tenderer'sName <i>[insert Tenderer's legal name]</i>
2.In case of JV, legal name of each member: <i>[insert legal name of each member in JV]</i>
3.Tenderer's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
4.Tenderer's year of registration: <i>[insert Tenderer's year of registration]</i>
5.Tenderer's Address in country of registration: <i>[insert Tenderer's legal address in country of registration]</i>
6.Tenderer's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>
7. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> For Kenyan Tenderers a current tax clearance certificate or tax exemption certificate issued by the the Kenya Revenue Authority in accordance with ITT 3.14. <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITT3.4. <input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITT 3.1. <input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITT4.6 documents establishing: (i) Legal and financial autonomy (ii) Operation under commercial law (iii) Establishing that the tenderer is not under the supervision of the Procuring Entity
2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

## TENDERER'S ELIGIBILITY- CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

a) Instruction to Tenderer

Tender is instructed to complete the particulars required in this Form, *one form for each entity if Tender is a JV*. Tenderer is further reminded that it is an offence to give false information on this Form.

### A. Tenderer's details

	ITEM	DESCRIPTION
1	Name of the Procuring Entity	
2	Name of the Tenderer	
3	Full Address and Contact Details of the Tenderer.	1. Country 2. City 3. Location 4. Building 5. Floor 6. Postal Address 7. Name and email of contact person.
4	Reference Number of the Tender	
5	Date and Time of Tender Opening	
6	Current Trade License No and Expiring date	
7	Maximum value of business which the Tenderer handles.	
8		

### General and Specific Details

b) Sole Proprietor, provide the following details.

Name in full \_\_\_\_\_ Age \_\_\_\_\_

Nationality \_\_\_\_\_ Country of Origin \_\_\_\_\_

Citizenship \_\_\_\_\_

c) Partnership, provide the following details.

	Names of Partners	Nationality	Citizenship	% Shares owned
1				
2				
3				

(d) Registered Company, provide the following details.

i) Private or public Company \_\_\_\_\_

ii) State the nominal and issued capital of the Company:- Nominal Kenya Shillings

(Equivalent)..... Issued Kenya Shillings

(Equivalent).....

iii) Give details of Directors as follows.

	Names of Director	Nationality	Citizenship	% Shares owned
1				
2				
3				

e) DISCLOSURE OF INTEREST- Interest of the Firm in the Procuring Entity.

i) Are there any person/persons in.....(*Name of Procuring Entity*) who has an interest or relationship in this firm?

Yes/No..... If yes, provide details as follows.

	Names of Person	Designation in the Procuring Entity	Interest or Relationship with Tenderer
1			
2			
3			

**ii) Conflict of interest disclosure**

	Type of Conflict	Disclosure YES OR NO	If YES provide details of the relationship with Tenderer
1	Tenderer is directly or indirectly controlled by or is under common control with another tenderer.		
2	Tenderer receives or has received any direct or indirect subsidy from another tenderer.		
3	Tenderer has the same legal representative as another tenderer		
4	Tender has a relationship with another tenderer, directly or through common third parties, that puts it in a position to influence the tender of another tenderer, or influence the decisions of the Procuring Entity regarding this tendering process.		
5	Any of the Tenderer's affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the tender.		
6	Tenderer would be providing goods, works, non-consulting services or consulting services during implementation of the contract specified in this Tender Document.		
7	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who are directly or indirectly involved in the preparation of the Tender document or specifications of the Contract, and/or the Tender evaluation process of such contract.		
8	Tenderer has a close business or family relationship with a professional staff of the Procuring Entity who would be involved in the implementation or supervision of the such Contract.		
9	Has the conflict stemming from such relationship stated in item 7 and 8 above been resolved in a manner acceptable to the Procuring Entity throughout the tendering process and execution of the Contract.		

**f) Certification**

On behalf of the Tenderer, I certify that the information given above is correct.

Full Name \_\_\_\_\_

Title or Designation \_\_\_\_\_

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

**COMMITMENT TO PROVIDE BENEFICIAL OWNERSHIP INFORMATION**

I, ..... of P. O. Box .....  
being a resident of ..... in the Republic of ..... do hereby make  
a state as follows: -

1. THAT I am the Chief Executive Officer/Managing Director/Principal Officer/Director/  
Authorized Officer of..... (*Insert name of the  
Company*) who is a Bidder in respect of **Tender No.....** for .....  
(*Insert tender title/description*) advertised by ..... (*Insert name of the Procuring entity*)  
( the **Procuring Entity**) and duly authorized and competent to make this statement.

2. THAT I do hereby commit to provide Beneficial Ownership Information in conformity with the  
Beneficial Ownership Disclosure Form to the procuring entity upon receipt of notification of award  
in the event we are the successful tenderer in this subject procurement proceeding. I fully  
understand that failure to furnish the procuring entity with the Beneficial Ownership Information  
within the period provided for in the letter of award shall invalidate my award and may considered  
as refusal to enter into a written contract which is punishable under Section 41(1) (e ) of the Public  
Procurement and Asset Disposal Act, 2015.

Name of the Firm/Company.....

Registered Physical Address of the Company.....

Posta Address.....

Telephone No..... Mobile Number .....

Email Address .....

Name of Authorised Signatory.....

Designation .....

Signatory.....

Date.....

Witnessed by .....

Signature of Witness.....

Date.....

**INSTRUCTIONS TO TENDERERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM**

*This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful tenderer pursuant to Regulation 4 of the Companies (Beneficial Ownership Information) (Amendment) Regulations, 2022. In case of joint venture, the tenderer must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.*

*For the purposes of this Form, a Beneficial Owner of a Tenderer is any natural person who ultimately owns or controls the legal person (tenderer) or arrangements or a natural person on whose behalf a transaction is conducted, and includes those persons who exercise ultimate effective control over a legal person (Tenderer)*

**BENEFICIAL OWNERSHIP DISCLOSURE FORM**

Tender Reference No.: \_\_\_\_\_ [insert identification no] Name of the  
 Tender Title/Description: \_\_\_\_\_ [insert name of the assignment] to: \_\_\_\_\_ [insert  
 complete name of Procuring Entity]

In response to the requirement in your notification of award dated \_\_\_\_\_ [insert date of notification of award] to furnish  
 additional information on beneficial ownership: \_\_\_\_\_ [select one option as applicable and delete the options that are  
 not applicable]

I) We here by provide the following beneficial ownership information.

**Details of beneficial ownership**

	<b>Details of all Beneficial Owners</b>		<b>% of shares a person holds in the company Directly or indirectly</b>	<b>% of voting rights a person holds in the company</b>	<b>Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer (Yes / No)</b>	<b>directly or indirectly exercises significant influence or control over the tenderer /company (Yes / No)</b>
<b>1.</b>	Full Name		Directly----- % of shares	Directly.....% of voting rights		
	National identity card number or Passport number			Indirectly-----% of voting rights		
	Personal Identification Number (where applicable)		Indirectly----- - % of shares			
	Nationality					
	Date of birth [dd/mm/yyyy]					
	Postal address					
	Residential address					
	Telephone number					
	Email address					
	Occupation or profession					

Details of all Beneficial Owners		% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Directly or indirectly having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer (Yes / No)	directly or indirectly exercises significant influence or control over the tenderer /company (Yes / No)
2.	Full Name	Directly----- % of shares  Indirectly----- - % of shares	Directly.....% of voting rights  Indirectly-----% of voting rights		
	National identity card number or Passport number				
	Personal Identification Number (where applicable)				
	Nationality				
	Date of birth [dd/mm/yyyy]				
	Postal address				
	Residential address				
	Telephone number				
	Email address				
	Occupation or profession				
3.					
e.t.c					

II) Am fully aware that beneficial ownership information above shall be reported to the Public Procurement Regulatory Authority together with other details in relation to contract awards and shall be maintained in the Government Portal, published and made publicly available pursuant to Regulation 5 of the Companies (Beneficial Ownership Information) (Amendment) Regulations, 2022

III) What is stated to herein above is true to the best of my knowledge, information and belief.

*Name of the Tenderer: .....\*[insert complete name of the Tenderer]\_\_\_\_\_*

*Name of the person duly authorized to sign the Tender on behalf of the Tenderer: \*\* [insert complete name of person duly authorized to sign the Tender]*

*Designation of the person signing the Tender: ..... [insert complete title of the person signing the Tender]*

*Signature of the person named above: ..... [insert signature of person whose name and capacity are shown above]*

*Date this ..... [insert date of signing] day of..... [Insert month], [insert year]*

Bidder Official Stamp/ Company Seal.

# TENDERER'S JV MEMBERS INFORMATION FORM

[The tenderer shall fill in this Form in accordance with the instructions indicated below. The following table shall be filled in for the tenderer and for each member of a Joint Venture]].

Date:.....[insert date (as day, month and year) of Tender submission].

**Tender Name and Identification:**.....[insert identification Alternative No.:.....[insert identification No if this is a Tender for an alternative].

Page \_\_\_\_\_ of \_\_\_\_\_ pages

1. Tenderer's Name: [insert Tenderer's legal name]
2. Tenderer's JV Member's name: [insert JV's Member legal name]
3. Tenderer's JV Member's country of registration: [insert JV's Member country of registration]
4. Tenderer's JV Member's year of registration: [insert JV's Member year of registration]
5. Tenderer's JV Member's legal address in country of registration: [insert JV's Member legal address in country of registration]
6. Tenderer's JV Member's authorized representative information Name: [insert name of JV's Member authorized representative] Address: [insert address of JV's Member authorized representative] Telephone/Fax numbers: [insert telephone/fax numbers of JV's Member authorized representative] Email Address: [insert email address of JV's Member authorized representative]
7. Attached are copies of original documents of [check the box(es) of the attached original documents] <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of the legal entity named above, in accordance with ITT 4.4. registration  <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Procuring Entity, in accordance with ITT4.6.
8. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

## Price Schedule Forms

[The tenderer shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the **Price Schedules** shall coincide with the List of Goods and Related Services specified by the Procuring Entity in the Schedule of Requirements.]

### PRICE SCHEDULE FOR GOODS:

Name of tenderer \_\_\_\_\_

Tender Number \_\_\_\_\_ Page \_\_\_ of \_\_\_

LINE ITEM	DESCRIPTION OF GOODS	QUANTITY AND PHYSICAL UNIT	MAKE/MODEL/ COUNTRY OF ORIGIN	UNIT PRICE (DUTY FREE)	UNIT PRICE (DUTY PAID)
1	Non-Tipping Trailer, 6 Ton	As and When Required (AWR)			
2	Non-Tipping Trailer, 4 Ton	As and When Required (AWR)			
3	Lawn Mower 5-6 HP	As and When Required (AWR)			
4	Agricultural Implements (Row Crop Planter –4 Rows)	As and When Required (AWR)			
5	Lateral Boom Sprayer	As and When Required (AWR)			
6	Hay Baler, Tractor Operated	As and When Required (AWR)			
7	Towed Concrete Mixer, Self Loading	As and When Required (AWR)			
8	Tipping Trailer, 4Ton	As and When Required (AWR)			
9	Tipping Trailer, 6Ton	As and When Required (AWR)			
10	Non-Tipping Trailer, 3 Ton	As and When Required (AWR)			
11	Chisel Plough	As and When Required (AWR)			
12	Mini Crawler Crane 2.3 T	As and When Required (AWR)			
13	Mower 12 Hp Lawn	As and When Required (AWR)			
14.	Agric Implements Harrow 3 Disc	As and When Required			

		(AWR)			
15.	Agric Implements 3 Disc Plough	As and When Required (AWR)			
16.	Agric Implements 4 Disc Plough	As and When Required (AWR)			
17.	Lawn Mower 5-6 Hp	As and When Required (AWR)			
18.	Row Crop Planter -4 Rows	As and When Required (AWR)			
19.	Water Pump, Diesel Engine Driven	As and When Required (AWR)			
20.	Water Pump, Petrol Engine Driven	As and When Required (AWR)			
21.	Hay Baler	As and When Required (AWR)			
22.	Pallet Trolley 2.Ton	As and When Required (AWR)			
23.	Pallet Trolley 3ton	As and When Required (AWR)			
24.	Two Wheel Tractor	As and When Required (AWR)			
25.	Asphalt Concrete Road Cutter	As and When Required (AWR)			
26.	Mobile Double Cylinder Pre Heater	As and When Required (AWR)			
27.	Single Cylinder Pre-Heater	As and When Required (AWR)			
28.	3 Point Attachment (Towed) Soil Stabilizer	As and When Required (AWR)			
29.	Refuse Collection Compactor Truck, 12m Cubed	As and When Required (AWR)			
30.	Heavy Duty Disc Harrow (20 Disk Harrow)	As and When Required (AWR)			
31.	Lateral Boom Sprayer	As and When Required (AWR)			
32.	Forage Harvester/Chopper, Two Rows	As and When Required (AWR)			
33.	Chisel Plough	As and When Required (AWR)			
34.	Fruit Pulper	As and When			

		Required (AWR)			
35.	Water Bath	As and When Required (AWR)			
36.	Batch Pasteurizer	As and When Required (AWR)			
37.	Water Distiller	As and When Required (AWR)			
38.	Honey Extractor	As and When Required (AWR)			
39.	Food Grade Working Table	As and When Required (AWR)			
40.	Washing Trough	As and When Required (AWR)			
41.	Packaging Machine	As and When Required (AWR)			
42.	Motorized Cassava Chipper	As and When Required (AWR)			
43.	Sealing Machine	As and When Required (AWR)			
44.	Digital Weighing Machine	As and When Required (AWR)			
45.	Animal Feed Mixer	As and When Required (AWR)			
46.	Pelletizer Machine	As and When Required (AWR)			
47.	Flour Mixer/Blender	As and When Required (AWR)			
48.	Foot Sealer Machine	As and When Required (AWR)			
49.	Motorized Coconut De-husker	As and When Required (AWR)			
50.	Motorized Coconut Grater	As and When Required (AWR)			
51.	Motorized Coconut Oil Expeller with Filter	As and When Required (AWR)			
52.	Motorized Green Gram Thresher	As and When Required (AWR)			
53.	Motorized Green Gram Grader	As and When Required (AWR)			
54.	Motorized Cashew Nut	As and When			

	Decorticator	Required (AWR)			
55.	Screw-Press Palm Oil Extractor	As and When Required (AWR)			
56.	Row Crop Silage Chopper	As and When Required (AWR)			
57.	Digital Moisture Meter	As and When Required (AWR)			
58.	Metal Silo	As and When Required (AWR)			
59.	Sweet Potato Chipper	As and When Required (AWR)			
60.	Irish Potato Peeler	As and When Required (AWR)			
61.	Electrical /Gas Cooker with 13kg Gas Cylinder	As and When Required (AWR)			
62.	Cup Sealer	As and When Required (AWR)			
63.	Deep Freezer	As and When Required (AWR)			
64.	Dough Mixer	As and When Required (AWR)			
65.	Microwave Oil Extractor	As and When Required (AWR)			
66.	Screw-Pump Extruder for Pasta Products	As and When Required (AWR)			
67.	Milk Cream Separator	As and When Required (AWR)			
68.	Walking Tractor Potato Lifter	As and When Required (AWR)			
69.	Walking Tractor Round Hay Baler	As and When Required (AWR)			
70.	Walking Tractor Grain Planter	As and When Required (AWR)			
71.	Walking Tractor Ridger	As and When Required (AWR)			
72.	Walking Tractor Corn Cob Harvester	As and When Required (AWR)			
73.	Walking Tractor Rotavator	As and When Required (AWR)			
74.	Walking Tractor Potato Planter	As and When			

		Required (AWR)			
75.	Self-Propelled Rice Combine Harvester	As and When Required (AWR)			
76.	Self-propelled Hand Held weeder	As and When Required (AWR)			
77.	Tractor Drawn Corn Cob Harvester	As and When Required (AWR)			
78.	Self-Propelled Corn Harvester	As and When Required (AWR)			
79.	Self-Propelled Potato Harvester	As and When Required (AWR)			
80.	Automatic Potato Grader	As and When Required (AWR)			
81.	3 Tine Chisel Plough	As and When Required (AWR)			
82.	CA Boom Sprayer	As and When Required (AWR)			
83.	Rice Mill	As and When Required (AWR)			
84.	Shaper machine-metal	As and When Required (AWR)			
85.	Vertical milling machine with dividing head	As and When Required (AWR)			
86.	Plate Rolling Machine (Manual)	As and When Required (AWR)			
87.	Hydraulic Press	As and When Required (AWR)			
88.	Bearing Extractor/ Puller	As and When Required (AWR)			
89.	Pan and Box Brakes	As and When Required (AWR)			
90.	Circular Metal Cutting Machine	As and When Required (AWR)			
91.	Grain Cleaner	As and When Required (AWR)			
92.	Maize De- germinator/Huller	As and When Required (AWR)			
93.	Destoner	As and When Required (AWR)			
94.	Multigrain Impact Mill	As and When			

		Required (AWR)			
95.	Ribbon mixer	As and When Required (AWR)			
96.	Powder filler	As and When Required (AWR)			
97.	Food Extruder	As and When Required (AWR)			
98.	Roots and Tuber Grater	As and When Required (AWR)			
99.	Vacuum Sealer	As and When Required (AWR)			
100.	Paste Filler	As and When Required (AWR)			
101.	Complete Honey Processing Unit	As and When Required (AWR)			
102.	Reverse Osmosis Water Filtration System	As and When Required (AWR)			
103.	Bowl Chopper	As and When Required (AWR)			
104.	Meat mincer	As and When Required (AWR)			
105.	Sausage Stuffing Machine	As and When Required (AWR)			
106.	Containerized Food Drier	As and When Required (AWR)			
107.	Citrus Extractor	As and When Required (AWR)			
108.	Stainless Steel Tables	As and When Required (AWR)			
109.	Electric high pressure water jet cleaner	As and When Required (AWR)			
110.	Nut Butter Vacuum Emulsifying Homogenizer	As and When Required (AWR)			
111.	Nut roasting machine	As and When Required (AWR)			
112.	Oil expeller – minimum	As and When Required (AWR)			
113.	Pop cereal machine	As and When Required (AWR)			
114.	Drier	As and When			

		Required (AWR)			
115.	Sachet Packaging Machine	As and When Required (AWR)			
116.	Colloidal Mill	As and When Required (AWR)			
117.	Afflatoxin Analyzer Kit	As and When Required (AWR)			
118.	Raw egg washing and sterilizer	As and When Required (AWR)			
119.	Egg yolk breaker and separator	As and When Required (AWR)			
120.	Egg pasteurizer and filler	As and When Required (AWR)			
121.	Pressurized Cooking Vat/Vacuum Pan	As and When Required (AWR)			
122.	Vacuum pump	As and When Required (AWR)			
123.	Extruder Machine	As and When Required (AWR)			
124.	Colour Sorting Machine	As and When Required (AWR)			
125.	Silage Making Machine	As and When Required (AWR)			

#### AGRICULTURAL EQUIPMENT & ACCESSORIES

LINE ITEM	DESCRIPTION OF GOODS	QUANTITY AND PHYSICAL UNIT	MAKE/MODE L/COUNTRY OF ORIGIN	UNIT PRICE (DUTY FREE)	UNIT PRICE (DUTY PAID)
1	Single line box girder type steel multi span bridge 17.4m, 22.8m, 40.2m, 32.2, 17.4m	As and When Required (AWR)			
	Single lane 400m wide				
	Box grinder				
	Anti-skid deck or reinforced concrete deck				
	80 ton vehicles neck to neck				
	Min. 2000000				
2	Pontoons complete HFB	As and When			

	comprises of 2 end sections and 1 middle section length 4.720mm, width 1250kg, load capacity 20centimeter, frees board ca. 260kg Ma load capacity (full sinking) ca. 4400kg, middle: length 4200mm weight 1185kg	Required (AWR)			
3	Complete Powder Coating Line	As and When Required (AWR)			
4	Drag bit 12 inch (305mm) 3wing	As and When Required (AWR)			
5	Drag bit 10 inch (254mm) 3wing	As and When Required (AWR)			
6	Drag bit 8 inch (200mm) 3wing	As and When Required (AWR)			
7	Drag bit 6 inch (150mm) 3wing	As and When Required (AWR)			
8	Lock roller 15 inch (254mm)	As and When Required (AWR)			
9	Lock roller 12 inch (254mm)	As and When Required (AWR)			
10	Lock roller 10 inch (254mm)	As and When Required (AWR)			
11	Lock roller 8 inch (200mm)	As and When Required (AWR)			
12	Hammer bit 12 inch/DHT hammer	As and When Required (AWR)			
13	Casing 6''/Screens	As and When Required (AWR)			
14	Casing 8''/Screens	As and When Required (AWR)			
15	Casing 10''/Screens	As and When Required (AWR)			
16	Casing 12''/Screens	As and When Required (AWR)			
17	Metal Jerry Can Green Colour JC001- 5ltr	As and When Required (AWR)			

18	Metal Jerry Can Green Colour JC003-10ltr	As and When Required (AWR)			
19	Metal Jerry Can Green Colour JC007-20ltr	As and When Required (AWR)			
20	Metal Jerry Can Horizontal Type Red Colour JC016-10ltr	As and When Required (AWR)			
21	Hand Grease Gun Heavy Duty QH013-500g	As and When Required (AWR)			
22	Grease Bucket Pump HP025-5kg	As and When Required (AWR)			
23	Grease Bucket Pump HP027- 16kg	As and When Required (AWR)			
24	Grease Bucket Pump Blue With Wheewl HP032-20kg	As and When Required (AWR)			
25	High Pressure Electric Grease / Oil Pump Blue EP002-25kg	As and When Required (AWR)			
26	Pneumatic Grease Oil Filling Machine PP006-16ltr	As and When Required (AWR)			
27	Oil Bucket Pump HP025-5ltr	As and When Required (AWR)			
28	Oil Bucket Pump HP027-16ltr	As and When Required (AWR)			
29	Barrel Pump Manual Black Colour HP002	As and When Required (AWR)			
30	Pipe wrench 24 inch	As and When Required (AWR)			
31	Pipe wrench 36 inch	As and When Required (AWR)			
32	Pipe wrench 48 inch	As and When Required (AWR)			
33	Pipe wrench 4 inch jaw	As and When Required (AWR)			
34	Chain tongs for 6 inch pipe	As and When Required (AWR)			
35	Casing clamps for 150-300mm	As and When Required (AWR)			
36	Casing elevator 150-300mm	As and When Required (AWR)			

37	Formation sample boxes	As and When Required (AWR)			
38	30M by DN 75 Air hose	As and When Required (AWR)			
39	DN 75 Male and Female coupling	As and When Required (AWR)			
40	Copper grease	As and When Required (AWR)			
41	Spearhead assembly (HQ) complete set	As and When Required (AWR)			
42	Overshot assembly (NQ)	As and When Required (AWR)			
43	Water swivel (NQ) 2500TC	As and When Required (AWR)			
44	Fishing tap HW	As and When Required (AWR)			
45	Spearhead assembly (HQ) set	As and When Required (AWR)			
46	Spearhead assembly (HQ)	As and When Required (AWR)			
47	Water swivel (NQ) 25000TC	As and When Required (AWR)			
48	Fishing tap (NQ)	As and When Required (AWR)			
49	Fishing tap (NW)	As and When Required (AWR)			
50	Surface set HQ bits 5 No. and 5No. serrated ones	As and When Required (AWR)			
51	Surface set NQ bits 5 No. and 5No. serrated ones	As and When Required (AWR)			
52	Barrel assembly HQ-3M	As and When Required (AWR)			
53	Barrel assembly NQ-3M	As and When Required (AWR)			

54	Casing shoe HW	As and When Required (AWR)			
55	Casing shoe NW	As and When Required (AWR)			
56	High pressure water hose 13M 1.5	As and When Required (AWR)			
57	Water pump 6.5 HP inlet/outlet =3	As and When Required (AWR)			
58	48'' (HD) pipe wrench	As and When Required (AWR)			
59	36'' (HD) pipe wrench	As and When Required (AWR)			
60	24'' (HD) pipe wrench	As and When Required (AWR)			
61	12'' (HD) pipe wrench	As and When Required (AWR)			
62	HQ inner tube wrench	As and When Required (AWR)			
63	Hard wood timber planks 12 by 12 by 14 ft	As and When Required (AWR)			
64	Scintilometer	As and When Required (AWR)			
65	Geiger muller tube with rate meter	As and When Required (AWR)			
66	Arc gis version 10.1	As and When Required (AWR)			
67	Magnetulluric	As and When Required (AWR)			
68	Transint electromagnetic	As and When Required (AWR)			
69	CG-5 gravimeter batteries	As and When Required (AWR)			
70	ENVIMAG batteries	As and When Required (AWR)			

71	Suction pipe	As and When Required (AWR)			
72	High pressure water suction hose	As and When Required (AWR)			
73	Nickel ¼ ‘’ splices	As and When Required (AWR)			
74	AXL to NW casing pin	As and When Required (AWR)			
75	Mud pump plunger rubber sets for CS 3001 mud pump	As and When Required (AWR)			
76	Drilling oil	As and When Required (AWR)			
77	Drilling grease	As and When Required (AWR)			

#### AGRICULTURE TRACTOR EQUIPMENT & ACCESSORIES

S/NO	ITEM DESCRIPTION		MAKE/MODEL /COUNTRY OF ORIGIN	UNIT PRICE (DUTY FREE)	UNIT PRICE (DUTY PAID)
1.	Track assy	All plants			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
2.	Link assy	All plants			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				

	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>3.</b>	<b>Idler assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>4.</b>	<b>Sproket assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>5.</b>	<b>Top roller</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>6.</b>	<b>Bottom Roller</b>	<b>All Plants</b>			

	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>7.</b>	<b>Diff Assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>8.</b>	<b>Transmissiom assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>9.</b>	<b>Top half engine assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				

	Volvo				
	Case				
	Sanny				
<b>10.</b>	<b>Bottom half engine assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>11.</b>	<b>Starter assy 24V</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>12.</b>	<b>Alternator assy 24V</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>13.</b>	<b>Cutting edges 7"</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				

	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>14.</b>	<b>Cutting edges 6"</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>15.</b>	<b>Cutting edge dozers</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>16.</b>	<b>End Bits</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>17.</b>	<b>Ripper tips</b>	<b>All Plants</b>			

	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>18.</b>	<b>Wheel Rim Assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>19.</b>	<b>Radiator Assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>20.</b>	<b>Bucket Assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				

	Terex				
	Volvo				
	Case				
	Sanny				
<b>21.</b>	<b>Diff assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
<b>22.</b>	<b>Transmission assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
<b>23.</b>	<b>Top half engine assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
<b>24.</b>	<b>Bottom half engine assy</b>	<b>All</b>			

		<b>Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
<b>25.</b>	<b>Starter assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
<b>26.</b>	<b>Alternator Assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
<b>27.</b>	<b>Wheel Rim Assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				

	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				

Name of tenderer.....

Signature of tenderer.....

Date.....

**FORM OF TENDER SECURITY - DEMAND BANK GUARANTEE**

**Beneficiary:** \_\_\_\_\_

**ITT No:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**TENDER GUARANTEE No.:** \_\_\_\_\_

**Guarantor:** \_\_\_\_\_

1. We have been informed that \_\_\_\_\_(hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Tender (hereinafter called "the Tender") for the execution of \_\_\_\_\_under Request for Tenders No. \_\_\_\_\_("the ITT").
2. Furthermore, we understand that, according to the Beneficiary's conditions, Tenders must be supported by a Tender guarantee.
3. At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_(\_\_\_\_\_) upon receipt by us of the Beneficiary's complying demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:
  - a) has withdrawn its Tender during the period of Tender validity set forth in the Applicant's Letter of Tender ("the Tender Validity Period"), or any extension thereto provided by the Applicant; or
  - b) having been notified of the acceptance of its Tender by the Beneficiary during the Tender Validity Period or any extension thereto provided by the Applicant, (i) has failed to execute the contract agreement, or (ii) has failed to furnish the Performance.
4. This guarantee will expire: (a) if the Applicant is the successful Tenderer, upon our receipt of copies of the contract agreement signed by the Applicant and the Performance Security and, or (b) if the Applicant is not the successful Tenderer, upon the earlier of (i) our receipt of a copy of the Beneficiary's notification to the Applicant of the results of the Tendering process; or (ii)twenty-eight days after the end of the Tender Validity Period.
5. Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

\_\_\_\_\_  
*[signature(s)]*

**FORM OF TENDER SECURITY (TENDER BOND)**

*[The Surety shall fill in this Tender Bond Form in accordance with the instructions indicated.]*

BOND NO. \_\_\_\_\_

1. BY THIS BOND.....*[name of tenderer]* as Principal (hereinafter called “the Principal”), and..... *[name, legal title, and address of surety]*, **authorized to transact business in** *[name of country of Procuring Entity]*, as Surety (hereinafter called “the Surety”), are held and firmly bound unto..... *[name of Procuring Entity]* as Obligee (hereinafter called “the Procuring Entity”) in the sum of.....*[amount of Bond]*<sup>1</sup>*[amount in words]*, for the payment of which sum, well and truly to be made, we, the said Principal and Surety, bind ourselves, our successors and assigns, jointly and severally, firmly by these presents.
2. WHEREAS the Principal has submitted or will submit a written Tender to the Procuring Entity dated the \_\_\_\_\_ day \_\_\_\_\_ of \_\_\_\_\_, 20\_\_\_\_\_, for the supply of \_\_\_\_\_ *[name of Contract]* (hereinafter called the “Tender”).
3. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that if the Principal:
  - a) has withdrawn its Tender during the period of Tender validity set forth in the Principal's Letter of Tender (“the Tender Validity Period”), or any extension thereto provided by the Principal; or
  - b) having been notified of the acceptance of its Tender by the Procuring Entity during the Tender Validity Period or any extension thereto provided by the Principal; (i) failed to execute the Contract agreement; or  
(ii) has failed to furnish the Performance Security, in accordance with the Instructions to tenderers (“ITT”) of the Procuring Entity's Tendering document.

then the Surety undertakes to immediately pay to the Procuring Entity up to the above amount upon receipt of the Procuring Entity's first written demand, without the Procuring Entity having to substantiate its demand, provided that in its demand the Procuring Entity shall state that the demand arises from the occurrence of any of the above events, specifying which event(s) has occurred.

4. The Surety hereby agrees that its obligation will remain in full force and effect up to and including the date 30 days after the date of expiration of the Tender Validity Period set forth in the Principal's Letter of Tender or any extension thereto provided by the Principal.
5. IN TESTIMONY WHEREOF, the Principal and the Surety have caused these presents to be executed in their respective names this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

Principal:\_\_\_ Corporate Seal (where appropriate)

Surety: \_\_\_\_\_

\_\_\_\_\_  
*(Signature)*

\_\_\_\_\_  
*(Signature)*

\_\_\_\_\_  
*(Printed name and title)*

\_\_\_\_\_  
*(Printed name and title)*

<sup>1</sup>The amount of the Bond shall be denominated in the currency Kenya shillings or the equivalent amount in a freely convertible currency.

**FORM OF TENDER-SECURING DECLARATION**

*[The Bidder shall complete this Form in accordance with the instructions indicated]*

Date:.....*[insert date (as day, month and year) of Tender Submission]*

Tender No.:.....*[insert number of tendering process]*

To:.....*[insert complete name of*

*Purchaser]* I/We, the undersigned, declare that:

- 1. I/We understand that, according to your conditions, bids must be supported by a Tender-Securing Declaration.
- 2. I/We accept that I/we will automatically be suspended from being eligible for tendering in any contract with the Purchaser for the period of time of .....*[insert number of months or years]* starting on .....*[insert date]*, if we are in breach of our obligation(s) under the bid conditions, because we – (a) have withdrawn our tender during the period of tender validity specified by us in the Tendering Data Sheet; or (b) having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the instructions to tenders.
- 3. I/We understand that this Tender Securing Declaration shall expire if we are not the successful Tenderer(s), upon the earlier of:
  - a) our receipt of a copy of your notification of the name of the successful Tenderer; or
  - b) thirty days after the expiration of our Tender.
- 4. I/We understand that if I am/we are/in a Joint Venture, the Tender Securing Declaration must be in the name of the Joint Venture that submits the bid, and the Joint Venture has not been legally constituted at the time of bidding, the Tender Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed:.....

Capacity / title (director or partner or sole proprietor, etc.) .....  
.....

Name: .....

Duly authorized to sign the bid for and on behalf of: .....*[insert complete name of*

*Tenderer]*. Dated on ..... day of ..... *[Insert date of signing]*.

Seal or stamp.

**MANUFACTURER'S AUTHORIZATION FORM**

*[The tenderer shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The tenderer shall include it in its Tender, if so indicated in the TDS.]*

Date:.....*[insert date (as day, month and year) of Tender submission]*

ITT No.:.....*[insert number of ITT process]* Alternative No.:.....*[insert identification No if this is a Tender for an alternative]*

To:.....*[insert complete name of Procuring Entity]* WHEREAS

We..... *[insert complete name of Manufacturer]*, who are official manufacturers of.....*[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer's factories]*, do hereby authorize *[insert complete name of tenderer]* to submit a Tender the purpose of which is to provide the following Goods, manufactured by us..... *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed:.....*[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name:.....*[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title:.....*[insert title]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

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## **PART 2: SUPPLY REQUIREMENTS**

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## **Section V - Schedule of Requirements**

### **Notes for Preparing the Schedule of Requirements**

The Schedule of Requirements shall be included in the Tendering document by the Procuring Entity, and shall cover, at a minimum, a description of the goods and services to be supplied and the delivery schedule.

The objective of the Schedule of Requirements is to provide sufficient information to enable tenderers to prepare their Tenders efficiently and accurately, in particular, the Price Schedule, for which a form is provided in Section IV. In addition, the Schedule of Requirements, together with the Price Schedule, should serve as a basis in the event of quantity variation at the time of award of contract pursuant to ITT 42.1.

The date or period for delivery should be carefully specified, taking into account (a) the implications of delivery terms stipulated in the Instructions to tenderers pursuant to the *Incoterms* rules that “delivery” takes place when goods are delivered **to the final place of delivery**, and (b) the date prescribed herein from which the Procuring Entity's delivery obligations start (i.e., notice of award, contract signature, opening or confirmation of the letter of credit).

## 1. Technical Specifications

- 1.1 The purpose of the Technical Specifications (TS), is to define the technical characteristics of the Goods and Related Services required by the Procuring Entity. The Procuring Entity shall prepare the detailed TS consider that:
- i) The TS constitute the benchmarks against which the Procuring Entity will verify the technical responsiveness of Tenders and subsequently evaluate the Tenders. Therefore, well-defined TS will facilitate preparation of responsive Tenders by tenderers, as well as examination, evaluation, and comparison of the Tenders by the Procuring Entity.
  - ii) The TS shall require that all goods and materials to be incorporated in the goods be new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided for otherwise in the contract.
  - iii) The TS shall make use of best practices. Samples of specifications from successful similar procurements in the same country or sector may provide a sound basis for drafting the TS.
  - iv) The PPRA encourages the use of metric units.
  - v) Standardizing technical specifications may be advantageous, depending on the complexity of the goods and the repetitiveness of the type of procurement. Technical Specifications should be broad enough to avoid restrictions on workmanship, materials, and equipment commonly used in manufacturing similar kinds of goods.
  - vi) Standards for equipment, materials, and workmanship specified in the Tendering document shall not be restrictive. Recognized international standards should be specified as much as possible. Reference to brand names, catalogue numbers, or other details that limit any materials or items to a specific manufacturer should be avoided as far as possible. Where unavoidable, such item description should always be followed by the words “or substantially equivalent.” When other particular standards or codes of practice are referred to in the TS, whether from the Procuring Entity's or from other eligible countries, a statement should follow other authoritative standards that ensure at least a substantially equal quality, then the standards mentioned in the TS will also be acceptable.
  - vii) Reference to brand names and catalogue numbers should be avoided as far as possible; where unavoidable the words “or at least equivalent” shall always follow such references.
  - viii) Technical Specifications shall be fully descriptive of the requirements in respect of, but not limited to, the following:
    - a) Standards of materials and workmanship required for the production and manufacturing of the Goods.
    - b) Any sustainable procurement technical requirements shall be clearly specified.
- 1.2 To encourage tenderers' innovation in addressing sustainable procurement requirements, as long as the Tender evaluation criteria specify the mechanism for monetary adjustments for the purpose of Tender comparisons, tenderers may be invited to offer Goods that exceeds the specified minimum sustainable procurement requirements.
- i) Detailed tests required (type and number).
  - ii) Other additional work and/or Related Services required to achieve full delivery/completion.
  - iii) Detailed activities to be performed by the Supplier, and participation of the Procuring Entity thereon.
  - iv) List of detailed functional guarantees covered by the Warranty and the specification of the liquidated damages to be applied in the event that such guarantees are not met.
- 1.3 The TS shall specify all essential technical and performance characteristics and requirements, including guaranteed or acceptable maximum or minimum values, as appropriate. Whenever necessary, the Procuring Entity shall include an additional ad-hoc Tendering form (to be an Attachment to the Letter of Tender), where the tenderer shall provide detailed information on such technical performance characteristics in respect to the corresponding acceptable or guaranteed values.

- 1.4 When the Procuring Entity requests that the tenderer provides in its Tender a part or all of the Technical Specifications, technical schedules, or other technical information, the Procuring Entity shall specify in detail the nature and extent of the required information and the manner in which it has to be presented by the tenderer in its Tender.
- 1.5 If a summary of the Technical Specifications(TS) has to be provided, the Procuring Entity shall insert information in the table below. The tenderer shall prepare a similar table to justify compliance with the requirements.

**Summary of Technical Specifications:** The Goods and Related Services shall comply with following Technical Specifications and Standards:

Item No	Name of Goods or Related Service	Technical Specifications and Standards
[insert item No]	[insert name]	[insert TS and Standards]

**Detailed Technical Specifications and Standards**

**TECHNICAL SPECIFICATIONS PARTICULARS**

**AGRICULTURAL EQUIPMENT ACCESSORIES**

**1. NON-TIPPING TRAILER, 6 TON**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
MAKE	-	_____
MODEL	-	_____
COUNTRY OF ORIGIN	-	_____
MANUFACTURER'S LITERATURE, AUTHORITY DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)
Submitted Drawings to Give the Following Views:	Y	_____(Y/N)
a) Plan view	Y	_____(Y/N)
b) Side elevation	Y	_____(Y/N)
c) Rear elevation	Y	_____(Y/N)
d) Detailed drawings showing cross-sectional members, arrangement and rams fitting	Y	_____(Y/N)

**1. GENERAL**

a) A heavy duty, single /double axle, all steel body, non-tipping trailer	Yes specify	_____(Y/N) -----
---	----------------	---------------------

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)
d) Low-speed trailer for use with medium duty agricultural tractor	Yes	_____(Y/N)

**2. DIMENSIONS, WEIGHT AND CAPACITY**

a) Overall body length, approx.	4,900mm	_____mm
b) Overall width, approx.	2,100mm	_____mm
c) Overall height, from the ground level.	1,400mm	_____mm
d) Body length, approx.	3,600mm	_____mm
e) Body internal depth, min	500mm	_____mm
f) Weight carrying capacity, min.	6,000 Kg	_____Kg

**3. CHASSIS**

a) Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	152 mm x 76 mm	x mm
b) Channels box sections through the body and single channels for outer longitudinal members.	Yes, Yes	_____(Y/N)
c) Cross members suitably spaced apart to provide adequate body support	Specify spacing	_____mm
d) Load transferred to tractor draw bar on full load, max.	3.0 Ton	_____Ton
e) Sub-frame fabricated from 5" x 2" channels	5" x 2" channels	_____
f) Main chassis fabricated from 6" x 3" heavy duty channels.	6" x 3" channels	_____

**4. BODY**

a) Struck volumetric capacity, min	4 cu. m	_____cu. m
b) Body floor constructed out of 3mm thick m/s plate	Yes	_____(Y/N)
c) Body floor supported by thick channels of 4.5 mm thickness, min.	4.5 mm	_____mm
d) Sides and headboard constructed out of 2.5mm plate (min.), supported with reinforcements at a maximum of 700 mm apart	Yes	_____(Y/N)
e) Both sides to be drop type for easy loading/off-loading	Yes	_____(Y/N)

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
f) Rear tail gate of same construction as headboard and sides with spacing of supports at max. 600mm	Yes	_____(Y/N)
g) All hinges to be of robust heavy duty type	Yes	_____(Y/N)

**5. AXLE**

a) Dead axle, twin /single	6 Ton specify	_____(Y/N) -----
b) Axle main beam made out of square axle steel or high tensile steel	specify	_____
c) Stubs supported by hot rolled channels with necessary stiffeners	Yes	_____(Y/N)
d) Wheel track, approx.	1600mm	_____ mm

**6. DRAW BAR**

a) Comprising 2 No. hot rolled channels of size	152 x 76 x 6 mm	_____ mm
b) Fitted with mechanical parking brake.	Yes	_____(Y/N)
c) Complete braking system <u>bolted</u> to the drawbar for easy replacement and service.	Yes	_____(Y/N)
d) Towing hitch, of alloy steel should be capable of carrying up to 6 tons vertical load of trailer	Yes, specify load	_____
e) Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	_____

**7. TYRES AND WHEELS**

a) Locally available, trailer type tyre with tube	750x16 - 12 Ply	_____
b) Rim size	750x16	_____
c) Wheel studs, LH & RH threads, of high tensile steel, size min.	6xM18	_____
d) Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)

**8. PAINTING**

a) Chassis and body steelwork to be thoroughly cleaned before application of	Yes, <b>Mandatory</b>	_____
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**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
paint		
b) At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____
c) Two coats one coat of gloss finish paint to be applied, user to specify colour.	Yes, <b>(Mandatory)</b>	_____(Y/N)
d) Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	Yes <b>(Mandatory)</b>	_____(Y/N)

**9. EQUIPMENT (ACCESSORIES) ETC**

a) List, if any, of optional equipment	Specify	_____ _____ _____ _____ _____
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**10. WARRANTY**

a) Each trailer supplied should carry a statement of warranty.	Yes <b>(Mandatory)</b>	(Y/N)
b) Trailer warranty min.,	Specify	months

**11. MANUALS**

a) All literature in English language	Yes <b>(Mandatory)</b>	(Y/N)
b) Repair Manual, supplied.	1 set per trailer	(Y/N)
c) Parts catalogue supplied.	1 set per trailer	(Y/N)
d) Operators handbook and service schedule supplied.	1 set per trailer	(Y/N)

**12. OTHER REQUIREMENTS.**

a) Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
b) Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
c) Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)

**2. NON-TIPPING TRAILER, 4 TON**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
MAKE	-	_____
MODEL	-	_____
COUNTRY OF ORIGIN	-	_____
MANUFACTURER'S LITERATURE, AUTHORITY DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)
Submitted Drawings to Give the Following Views:	Y	_____(Y/N)
a) Plan view	Y	_____(Y/N)
b) Side elevation	Y	_____(Y/N)
c) Rear elevation	Y	_____(Y/N)
d) Detailed drawings showing cross-sectional members, arrangement and rams fitting	Y	_____(Y/N)

1. GENERAL

a) A heavy duty, single axle, all steel body, non-tipping trailer	Yes <b>(MANDATORY)</b>	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)
d) Low-speed trailer for use with medium duty agricultural tractor	Yes	_____(Y/N)
e) With draw bar and P.T.O. links and suitable for towing with agri-tractors.	Yes <b>(MANDATORY)</b>	_____(Y/N)

2. DIMENSIONS, WEIGHT AND CAPACITY

a) Overall body length, approx.	4,200mm	_____mm
b) Overall width, approx.	2,100mm	_____mm
c) Overall height, from the ground level.	1,400mm	_____mm
d) Body length, min.	4,000mm	_____mm
e) Body internal depth, min	500mm	_____mm
f) Weight carrying capacity, min.	4,000 Kg	_____Kg

3. CHASSIS

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
a) Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	127 mm x 64 mm	x mm
b) Channels box sections through the body and single channels for outer longitudinal members.	Yes, Yes	_____(Y/N)
c) Cross members suitably spaced apart to provide adequate body support	Specify spacing	_____mm
d) Load transferred to tractor draw bar on full load, range.	2 Ton	_____ Ton
e) Sub-frame fabricated from 4" x 2" channels	6" x 3" channels	_____

**4. BODY**

a) Truck volumetric capacity, min	3.2 cu. m	_____ cu. m
Body dimensions	3200x2000x500mm	
b) Body floor constructed out of 3.2mm min. thick m/s plate	Yes	_____(Y/N)
c) Body floor supported by thick channels of 4.5 mm thickness, min.	4.5 mm	_____mm
d) Sides and headboard constructed out of 3mm m/s plate (min.), supported with vertical reinforcements at a maximum of 800 mm apart	Yes	_____(Y/N)
e) Both sides to be drop type for easy loading/off-loading	Yes	_____(Y/N)
f) Rear tail gate of same construction as headboard and sides with spacing of supports at max. 600mm	Yes	_____(Y/N)
g) All hinges to be of robust heavy duty type	Yes	_____(Y/N)

**5. AXLE**

a) Slow speed axle, rating	4 Ton	_____(Y/N)
b) Axle main beam made of square bar or high tensile steel	Specify	_____

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
c) Stubs supported by hot rolled channels with necessary stiffeners	Yes	_____(Y/N)
d) Wheel track, approx.	1600mm	_____ mm

**6. DRAW BAR**

a) Comprising 2 No. hot rolled channels of size	127 x 64 x 6 mm	_____ mm
b) Fitted with mechanical parking brake.	Yes	_____(Y/N)
c) Complete braking system <u>bolted</u> to the drawbar for easy replacement and service.	Yes	_____(Y/N)
d) Towing hitch, of alloy steel should be capable of carrying up to 3 tons vertical load of trailer	Yes, specify load	_____
e) Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	_____
f) Towing Hook to be compatible with that for 30 – 80HP agricultural tractor	Yes	_____(Y/N)

**7. TYRES AND WHEELS**

a) Locally manufactured, trailer type tyre with tube	750x16 – 16 Ply	_____
b) Rim size	750x16	_____
c) Wheel studs, LH & RH threads, of high tensile steel, size min. (Min. 5 No. studs per hub)	6xM18 (Yes)	_____(Y/N)
d) Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)

**8. PAINTING**

a) Chassis and body steelwork to be thoroughly cleaned before application of paint	<b>Yes, Mandatory</b>	_____ _____
b) At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
c) Two coats one coat of gloss finish paint to be applied, user to specify colour.	Yes, <b>Mandatory</b>	_____(Y/N)
d) Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	Yes <b>(Mandatory)</b>	_____(Y/N)

**9. EQUIPMENT (ACCESSORIES) ETC**

a) List, if any, of optional equipment	Specify	_____ _____ _____ _____ _____ _____
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**10. WARRANTY**

a) Each trailer supplied should carry a statement of warranty.	Yes <b>(Mandatory)</b>	(Y/N)
b) Trailer warranty min, 12 months.	Specify	months

**11. MANUALS**

a) All literature in the English language	Yes <b>(Mandatory)</b>	(Y/N)
b) Repair Manual, supplied.	1 set per trailer	(Y/N)
c) Parts catalogue supplied.	1 set per trailer	(Y/N)
d) Operators handbook and service schedule supplied.	1 set per trailer	(Y/N)

**12. OTHER REQUIREMENTS.**

a) Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
b) Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act Cap 403 prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
c) Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)

### 3. LAWN MOWER 5-6 HP

#### TENDERER'S SPECIFICATION Column to be completed by ALL

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
MAKE	-	_____
MODEL	-	_____
COUNTRY OF ORIGIN	-	_____
MANUFACTURER'S LITERATURE, AUTHORITY AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)

#### 1. GENERAL

a) A standard production, lawn mower of latest design in robust construction and in current production.	Yes, Yes, Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)
d) Suitable for mowing all types of grass.	Yes	_____(Y/N)

#### 2. DIMENSIONS, WEIGHTS AND PERFORMANCE

a) Overall length, (excluding catcher) approx.	1600mm	_____mm
b) Overall width, approx.	600mm	_____mm
c) Cut width, approx..	500mm	_____mm
d) Gross machine weight.	120Kg	_____kg

#### 3. ENGINE

a) Make	-	_____
b) Model	-	_____
c) Country of origin	-	_____
d) Performance curves supplied	Yes	_____(Y/N)
e) Engine type.	2/4 stroke diesel	_____
f) Engine cooling system.	Air	_____
g) Piston displacement, approx.	Specify	_____cc
h) Number of cylinders	Specify	_____No.

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
i)	Maximum power output min.	5-6 HP	_____Hp
j)	Air filter, disposable/oil bath	Specify	_____
k)	Oil and fuel filter type	Disposable	_____
l)	Fuel tank capacity, approx.	Specify	_____Lt

**4. TRANSMISSION**

a)	Belt driven through hardened gears	Yes	_____(Y/N)
b)	Speeds, 2 forward and 1 reverse	Yes	_____(Y/N)

**5. CUTTING DECK, WHEELS, BRAKES**

a)	Easily removable cutter blades	Yes	_____(Y/N)
b)	Width of cut.	500mm	_____mm
c)	Cutting height, adjustable	10mm- 90mm	_____mm
d)	Swivel front wheels	Yes	_____
e)	Rear wheels, size.	320mm	_____mm
f)	Service brakes	Hydraulic	_____
i)	Parking brake	Manual	-----

**6. EQUIPMENT (OR ACCESSORIES) ETC.**

a)	Wheel brace and all manufacturer's standard tools, supplied.	Yes	_____(Y/N)
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**4. AGRICULTURAL IMPLEMENTS (ROW CROP PLANTER –4 ROWS)**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
	Make	-	
	Model	-	
	Country of origin	-	
	MANUFACTURER'S LITERATURE, AUTHORITY, DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
---------------	-------------	---------------------

**1. GENERAL**

a)	A Standard production row crop planter (seed drill) made in conformity with the current agriculture conditions, latest design, in current production, marketed in Kenya.	Yes, Yes, Yes	_____(Y/N)
b)	Supplied new, with fine seed hopper.	Yes, Yes	_____(Y/N)
c)	Designed to export specifications, capable of operating in tropical soils and conditions. Designed to meet medium and small field requirements.	Yes, Yes	_____(Y/N)
d)	Suitable for use with 60-80Hp agricultural tractors and hydraulically operated from the tractor PTO point.	Yes	_____(Y/N)
e)	Medium capacity seed / crop and fertilizer hoppers with floating spiral fertilizer type distributor and rotor.  Seed distribution system to have assorted plates for different crops and furrower / point for corn or equivalent system.	Yes, Yes  specify	_____(Y/N)  -----

**2. DIMENSIONS AND WEIGHTS.**

a)	Gearbox with combinations of speed for fertilizer distribution regulation.	Specify no. of combinations	_____
b)	Seeding row units with flexible tynes complete with points	Yes	_____mm
c)	Hitch beam with with regulator and mechanical jack. Frame width approx.	Yes 3,500mm	_____(Y/N) _____mm
d)	Transmission system with gearing for finishing operation	Specify	_____
e)	Disc/wheel for fertilizer and seed compaction	Yes	Y/N
f)	Useful width approx	2900mm	_____mm

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
g)	Total width 3500mm approx.	Specify	_____mm
h)	Hopper capacity by weight approx. 1.Grain 2 Pasture seed 3.Fertilizer 4.Wheat 5.beans 6.Barley	Specify	-----Kg
i)	Seed case volume min.	50lts	-----lts
h)	Micro granulators with 3-9 outlets capacity approx.	40-200lt	-----lt
J)	Approx weight of machine	700kg	-----Kg
k)	Fertilizer hopper capacity range	50-250lt	-----lt
l)	Total height of machine	Specify	-----mm
m)	Total length	Specify	-----mm
n)	Row spacing	150-1200mm	-----mm
o)	Working depth approx.	150mm	-----mm

**EQUIPMENT (ACCESSORIES) ETC**

Manufacturers complete tools kit supplied	Yes	_____(Y/N)
Comprehensive list of standard and specialized tools to be supplied with the implements.	Specify	_____
Any other equipment that manufacturer deems necessary for optimum efficiency of the implements.	Specify	_____

**WARRANTY**

Specimen of warranty to be submitted when tendering	<b>Yes, Mandatory</b>	_____(Y/N)
Each implement to carry manufacturers statement of warranty	Yes	_____(Y/N)
Implement warranty, 1 year min.	Specify	Years
Warranty against corrosion, min	Specify	Years

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
<b>OTHER REQUIREMENT</b>		
The Chief Mechanical and Transport Engineer will inspect Implements prior to delivery to the user.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----
<b>MANUALS</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual supplied	One per machine	_____(Y/N)
Parts catalogue supplied	One per machine <b>Mandatory</b>	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

**5. LATERAL BOOM SPRAYER**

<b>TENDERER'S SPECIFICATION Column to be completed by ALL</b>		
SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
Make	-	
Model	-	
Country of origin	-	
Manufacturer's literature, authority and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)

**1. GENERAL**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
a)	A Standard production lateral boom sprayer made in conformity with the current agriculture conditions, latest design, in current production, marketed in Kenya.	Yes, Yes, Yes	_____(Y/N)
b)	Supplied new.	Yes, Yes	_____(Y/N)
c)	Designed to export specifications, capable of operating in tropical soils and conditions. Designed to meet medium and small field requirements.	Yes, Yes	_____(Y/N)
d)	Suitable for use with 40-80Hp agricultural tractors and hydraulically operated from the tractor PTO point.	Yes	_____(Y/N)
e)	Tractor mounted type	Yes	_____(Y/N)
f)	Suitable for spraying and distributing herbicides/agrochemicals.	Yes	_____(Y/N)

**2. DIMENSIONS , WEIGHTS, PERFORMANCE.**

a)	Tubular section in stainless steel lateral boom, foldable.	Yes  mechanically / hydraulically driven	_____(Y/N)  -----
b)	Nozzles made of hard wearing material -brass, ceramic etc.	Specify nozzle material and No.	-----  -----
c)	Fitted with a pesticide /agrochemicals resistant tank with baffle plates.	Yes	_____(Y/N)
d)	Fitted with a suitable agitator.	Yes  Mechanical/hydraulic	-----Y/N  -----
e)	Fitted with pump, suitable pressure regulator and gauges.	Yes	_____(Y/N)
f)	Fitted with a suitable filter.	Yes	_____(Y/N)

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
g)	Delivery rate	50lts/min	-----lts/min.
h)	Max. pressure approx.	15bar	-----bar
i)	Approx weight of machine	250kg	-----Kg
J)	Tank capacity range	600-1000lt	-----lt
k)	Total height of machine	500-1500mm	-----mm
l)	Total length approx.	1200mm	-----mm
m)	Total width approx.	1000mm	-----mm

**3. EQUIPMENT (ACCESSORIES) ETC**

a)	Manufacturers complete tool kit supplied	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the sprayer.	Specify	_____
c)	Any other item that manufacturer deems necessary for optimum efficiency of the implements	Specify	_____

**4. WARRANTY**

a)	Specimen of warranty to be submitted when tendering.	Yes, <b>Mandatory</b>	_____(Y/N)
b)	Each sprayer to carry manufacturers statement of warranty	Yes	_____(Y/N)
c)	Sprayer warranty min.	1year	Years

**5. OTHER REQUIREMENT**

a)	The Chief Mechanical and Transport Engineer will inspect Implements prior to delivery to the user.	Yes	_____(Y/N)
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----

**6. MANUALS**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
a)	All literature in English Language	Yes	_____(Y/N)
b)	Repair manual supplied	One per machine	_____(Y/N)
c)	Parts catalogue supplied	One per machine <b>Mandatory</b>	_____(Y/N)
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

**6. HAY BALER, TRACTOR OPERATED****TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
	Make	-	
	Model	-	
	Country of origin	-	
	Manufacturer's literature , authority and specifications supplied along with this tender.	Yes (Mandatory)	(Y/N)

**1. GENERAL**

a)	A Standard production hay baler, tractor operated made in conformity with the current agriculture statutes, latest design, in current production, marketed in Kenya.	Yes, Yes, Yes	_____(Y/N)
b)	Supplied new.	Yes, Yes	_____(Y/N)
c)	Designed to export specifications, capable of operating in tropical conditions. Designed to meet medium field requirements.	Yes, Yes	_____(Y/N)
d)	Suitable for use with agricultural tractors of 40-80HP.	Yes (Mandatory)	(Y/N)
e)	Operated by tractor P.T.O. shaft.	Yes	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
		(Mandatory)	(Y/N)
f)	Suitable for high density, small size, rectangular shaped, easy to handle hay bales.	Yes	_____(Y/N)

**2. DIMENSIONS, WEIGHTS, PERFORMANCE.**

a)	Width without chute length approx.	5.5m	-----m
b)	Width approx.	2.6m	-----m
c)	Height approx.	1.4m	-----m
d)	Track width approx.	2.4m	-----m
e)	Gathering width including flare	1.7m	-----m
f)	With feeder crankshaft –inner 3No tines shear bolt protected Outer 3No tines	specify	
g)	Ram strokes approx.	90/min	-----strokes/min
h)	Bale chamber measurements approx.wxh	460x360mm	-----mmx---mm
i)	Bale length range	0.4-1.1m	-----m
j)	Weight of machine approx.	1200-1500kg	-----Kg
k)	Knotters min.	2No	.....No
l)	Twine box spools approx.	8No	.....No

**3 OTHER REQUIREMENTS**

a)	With a suitable drive system, a thorough pick  up system, robust feeder arms, crop guard,  baling channel , angled stationary knife, with galvanised sheet metal etc.	specify	
b)	With a height adjustable guide wheel	Yes	_____(Y/N)
c)	With a bale density adjustable mechanism		

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
d)	Capable of tying bales with sisal/synthetic twine.	Yes	_____(Y/N)
e)	With a suitable overload protection	Yes	_____(Y/N)
f)	Capable of using short fluffy materials as well as long stringy crops.	Yes	_____(Y/N)
g)	Adjustable drawbar/support jack	Yes	_____(Y/N)
h)	2No. Tyres sizes right -10/80-12 4PR Left-11.5/80-15.3 6PR	specify	
<b>ACCESSORIES</b>			
	Manufacturers complete tool kit supplied.	Yes	_____(Y/N)
	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	_____
	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____
<b>WARRANTY</b>			
	Specimen of warranty to be submitted when tendering	Yes, Mandatory	_____(Y/N)
	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
	Warranty, 1 year min.	Specify	Years
<b>OTHER REQUIREMENT</b>			
	The Chief Mechanical and Transport Engineer will inspect machine prior to delivery to the user.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----
	To train staff on usage/maintenance of the machine.	Yes	_____(Y/N)
<b>MANUALS</b>			

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine Mandatory	_____(Y/N)
Parts catalogue/CD supplied	One per machine Mandatory	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

**7. TOWED CONCRETE MIXER, SELF LOADING****TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
MAKE	-	_____
MODEL	-	_____
COUNTRY OF ORIGIN	-	_____
MANUFACTURER'S LITERATURE, AUTHORITY AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)
DETAILED SYSTEM-LAYOUT DRAWINGS FOR 1) FRONT 2) SIDE 3) PLAN ELEVATION TO BE SUBMITTED WHEN TENDERING	Yes <b>(MANDATORY)</b>	_____(Y/N)

**1. GENERAL**

a) A standard production, towed concrete/cement mixer of latest design in current production.	Yes, Yes, Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)
d)	Self loading	Yes <b>(MANDATORY)</b>	_____(Y/N)
e)	Any item necessary for the efficient operation of this equipment but not included in this spec. to be supplied.	Yes	_____(Y/N)

**2. DIMENSIONS**

a)	Length approx.	3,000 mm	_____mm
b)	Width , approx.	2,200mm	_____mm
c)	Height approx.	2,500mm	_____mm
d)	Drum capacity approx.	350lt	----lt
e)	Gross weight, approx.	2,500Kg	_____kg

**3. ENGINE**

a)	MAKE	-	_____
b)	MODEL	-	_____
c)	COUNTRY OF ORIGIN	-	_____
d)	Engine power, approx.	10HP	HP
e)	Fuel type diesel	specify	-----
f)	Cooling system	Specify	-----

**4. TILTING/REVOLVING SYSTEM**

a)	Fitted with tilting/revolving system.	Yes	_____(Y/N)
b)	Equiped with a mechanism for driving drum and powering self loading scoop.	specify	-----
c)	Drum made of heavy gauge steel and properly shaped bottoms and paddles.	Specify	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
d)	Drum speed, approx.	specify	rpm
e)	Production output rates max in batches /hr	specify	---batches/hr

**5. FRAME/WHEELS**

a)	Heavy gauge box section steel or suitable material for frame.	Specify	
b)	Fixed single rear axle draw bar trailer (with tow bar) with drop down legs/hydraulic legs 4No.	Specify	
c)	tyre type and size-9.50R20 Pneumatic 2No.	Specify	

**6. OTHER EQUIPMENT**

a)	Greasing cups /fittings with good all round access provided on machine.	Yes	_____(Y/N)
b)	Fully enclosed drive lines.	Yes	_____(Y/N)
c)	Electrical system 12/24V	Specify	
d)	Manufacturers tool kit provided	Yes	_____(Y/N)

**7. FINISHING/PAINTING**

a)	Two coats primer, one coat finish colour to be specified by user.	Yes	_____(Y/N)
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**8. WARRANTY**

a)	Specimen of warranty to be submitted when tendering.	Yes	_____(Y/N)
b)	Each mixer supplied should carry a statement of warranty.	Yes <b>(MANDATORY)</b>	_____(Y/N)
c)	Concrete mixer warranty min.	12 months	_____ months

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
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**9. MANUALS**

a) All literature in English language	Yes (MANDATORY)	_____(Y/N)
b) Maintenance and service manual, supplied.	Yes (MANDATORY)	_____(Y/N)
c) Parts catalogue supplied.	Yes (MANDATORY)	_____(Y/N)
d) Owners Instructions Handbook supplied.	Yes (MANDATORY)	_____(Y/N)

**10 OTHER REQUIREMENTS**

a) Concrete mixer will be inspected by the Chief Mechanical and Transport Engineer, prior to delivery to the user.	Yes (MANDATORY)	_____(Y/N)
b) Firm's Status: (Franchise holder/ Dealer/Agent)	Specify	_____
c) Names and addresses of dealers/agents where back-up service can be obtained	Specify	----- ----- ----- -----
d) Supplying firm to offer training to ministry personnel on trouble shooting and maintenance of the equipment.	Yes	_____(Y/N)

**8. TIPPING TRAILER, 4TON**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
MAKE	-	_____
MODEL	-	_____
COUNTRY OF ORIGIN	-	_____
MANUFACTURER'S LITERATURE,	Yes	_____(Y/N)

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
AUTHORITY , DRAWINGS AND SPECIFICATIONS SUPPLIED	<b>(MANDATORY)</b>	
Submitted Drawings to Give the Following Views:	Y	_____(Y/N)
a) Plan view	Y	_____(Y/N)
b) Side elevation	Y	_____(Y/N)
c) Rear elevation	Y	_____(Y/N)
d) Detailed drawings showing cross-sectional members, arrangement and rams fitting	Y	_____(Y/N)

**1. GENERAL**

a) A heavy duty, single axle, all steel body, tipping trailer	Yes <b>(MANDATORY)</b>	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)
d) Low-speed tipping trailer for use with medium duty agricultural tractor	Yes	_____(Y/N)

**2. DIMENSIONS, WEIGHT AND CAPACITY**

a) Overall body length, approx.	4,500mm	_____mm
b) Overall width, approx.	2,100mm	_____mm
c) Overall height, from the ground level.	1,400mm	_____mm
d) Body length, approx.	3,000mm	_____mm
e) Body internal depth, min	500mm	_____mm
f) Weight carrying capacity, approx.	4,000 Kg	_____Kg

**3. CHASSIS**

a) Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	152 mm x 76 mm	x mm
b) Channels box sections through the body and single channels for outer longitudinal members.	Yes, Yes	_____(Y/N)
c) Cross members suitably spaced apart to provide adequate body support	Specify spacing	_____mm
d) Load transferred to tractor draw bar on full load, max.	2.0 Ton	_____ Ton
e) Sub-frame fabricated from 5" x 2" channels	5" x 2" channels	_____
f) Main chassis fabricated from 6" x 3" heavy duty channels.	6" x 3" channels	_____

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
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**4. BODY**

a) Tipper body volumetric capacity, approx.	3 cu. m	_____ cu. m
b) Body floor constructed out of 4mm min. thick m/s plate	Yes	_____(Y/N)
c) Sides constructed out of 3mm m/s plate (min.), with suitable reinforcements.	Yes	_____(Y/N)
d) To have a suitable rear tail gate.	Yes	_____(Y/N)
e) To have a suitable hydraulic tipping mechanism.	Yes specify	_____(Y/N) -----
f) Tipping system to have suitable controls and connections	Yes specify	_____(Y/N) -----

**5. AXLE**

a) Dead axle	4 Ton	_____(Y/N)
b) Axle main beam made out of square axle steel or high tensile steel	Specify	_____
c) Stubs supported by hot rolled channels with necessary stiffeners	Yes	_____(Y/N)
d) Wheel track, approx.	1600mm	_____ mm

**6. DRAW BAR**

a) Comprising 2 No. hot rolled channels of size	152 x 76 x 6 mm	_____ mm
b) Fitted with mechanical parking brake.	Yes	_____(Y/N)
c) Complete braking system <u>bolted</u> to the drawbar for easy replacement and service.	Yes	_____(Y/N)
d) Towing hitch, of alloy steel should be capable of carrying up to 4 tons vertical load of trailer	Yes, specify load	_____
e) Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	_____
f) Towing Hook to be compatible with that for 70 – 80Hp agricultural tractor	Yes	_____(Y/N)

**7. TYRES AND WHEELS**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
a) Locally manufactured, trailer type tyre with tube	750x16 - 12 Ply	_____
b) Rim size	750x16	_____
c) Wheel studs, LH & RH threads, of high tensile steel, size min. (Min. 5 No. studs per hub)	6xM18 (Yes)	_____(Y/N)
d) Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)

**8. PAINTING**

a) Chassis and body steelwork to be thoroughly cleaned before application of paint	<b>Yes, Mandatory</b>	_____ _____
b) At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____
c) Two coats one coat of gloss finish paint to be applied, user to specify colour.	<b>Yes, Mandatory</b>	_____(Y/N)
d) Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	<b>Yes (Mandatory)</b>	_____(Y/N)

**9. EQUIPMENT (ACCESSORIES) ETC**

a) List, if any, of optional equipment	Specify	_____ _____ _____ _____ _____ _____
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**10. WARRANTY**

a) Each trailer supplied should carry a statement of warranty.	<b>Yes (Mandatory)</b>	(Y/N)
b) Trailer warranty 1 year min.,	Specify	years

**11. MANUALS**

a) All literature in English language	<b>Yes (Mandatory)</b>	(Y/N)
b) Repair Manual, supplied.	1 set per trailer	(Y/N)
c) Parts catalogue supplied.	1 set per trailer	(Y/N)
d) Operators handbook and service schedule supplied.	1 set per trailer	(Y/N)

**12. OTHER REQUIREMENTS.**

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**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
a) Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
b) Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act Cap 403 prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
c) Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)

**9. TIPPING TRAILER, 6TON**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
MAKE	-	_____
MODEL	-	_____
COUNTRY OF ORIGIN	-	_____
MANUFACTURER'S LITERATURE, AUTHORITY, DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)
Submitted Drawings to Give the Following Views:	Y	_____(Y/N)
a) Plan view	Y	_____(Y/N)
b) Side elevation	Y	_____(Y/N)
c) Rear elevation	Y	_____(Y/N)
d) Detailed drawings showing cross-sectional members, arrangement and rams fitting	Y	_____(Y/N)

1. GENERAL

a) A heavy duty, single axle, all steel body, tipping trailer	Yes <b>(MANDATORY)</b>	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)
d) Low-speed tipping trailer for use with medium duty agricultural tractor	Yes	_____(Y/N)

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
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**2. DIMENSIONS, WEIGHT AND CAPACITY**

a) Overall body length, approx.	4,900mm	_____mm
b) Overall width, approx.	2,100mm	_____mm
c) Overall height, from the ground level.	1,500mm	_____mm
d) Body length, approx.	3,600mm	_____mm
e) Body internal depth, min	600mm	_____mm
f) Weight carrying capacity, approx.	6,000 Kg	_____Kg

**3. CHASSIS**

a) Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	152 mm x 76 mm	x mm
b) Channels box sections through the body and single channels for outer longitudinal members.	Yes, Yes	_____(Y/N)
c) Cross members suitably spaced apart to provide adequate body support	Specify spacing	_____mm
d) Load transferred to tractor draw bar on full load, max.	3.0 Ton	_____ Ton
e) Sub-frame fabricated from 5" x 2.5" channels	5" x 2.5" channels	_____
f) Main chassis fabricated from 6" x 3" heavy duty channels.	6" x 3" channels	_____

**4. BODY**

a) Tipper body volumetric capacity, approx.	4 cu. m	_____ cu. m
b) Body floor constructed out of 4mm min. thick m/s plate	Yes	_____(Y/N)
c) Sides constructed out of 3mm m/s plate (min.), with suitable reinforcements.	Yes	_____(Y/N)
d) To have a suitable rear tail gate.	Yes	_____(Y/N)
e) To have a suitable hydraulic tipping mechanism.	Yes specify	_____(Y/N) -----
f) Tipping system to have suitable controls and connections	Yes specify	_____(Y/N) -----

**5. AXLE**

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**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
a) Dead axle	6 Ton	_____(Y/N)
b) Axle main beam made out of square axle steel or high tensile steel	Specify	_____
c) Stubs supported by hot rolled channels with necessary stiffeners	Yes	_____(Y/N)
d) Wheel track, approx.	1600mm	_____ mm

**6. DRAW BAR**

a) Comprising 2 No. hot rolled channels of size	152 x 76 x 6 mm	_____ mm
b) Fitted with mechanical parking brake.	Yes	_____(Y/N)
c) Complete braking system <u>bolted</u> to the drawbar for easy replacement and service.	Yes	_____(Y/N)
d) Towing hitch, of alloy steel should be capable of carrying up to 6 tons vertical load of trailer	Yes, specify load	_____
e) Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	_____
f) Towing Hook to be compatible with that for 70 – 80Hp agricultural tractor	Yes	_____(Y/N)

**7. TYRES AND WHEELS**

a) Locally available, trailer type twin tyres with tubes	750x16 - 12 Ply	_____
b) Single axle with twin wheel on either side	Yes, Mandatory	_____(Y/N)
c) Rim size	750x16	_____
d) Wheel studs, LH & RH threads, of high tensile steel, size min. (Min. 5 No. studs per hub)	6xM18 (Yes)	_____(Y/N)
e) Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)

**8. PAINTING**

a) Chassis and body steelwork to be thoroughly cleaned before application of paint	<b>Yes, Mandatory</b>	_____ _____
b) At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____
c) Two coats one coat of gloss finish paint	Yes,	_____(Y/N)

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE
to be applied, user to specify colour.	<b>Mandatory</b>	
d) Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	Yes <b>(Mandatory)</b>	_____(Y/N)

9. EQUIPMENT (ACCESSORIES) ETC

a) List, if any, of optional equipment	Specify	_____ _____ _____
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10. WARRANTY

a) Each trailer supplied should carry a statement of warranty.	Yes <b>(Mandatory)</b>	(Y/N)
b) Trailer warranty min.,	Specify	months

11. MANUALS

a) All literature in English language	Yes <b>(Mandatory)</b>	(Y/N)
b) Repair Manual, supplied.	1 set per trailer	(Y/N)
c) Parts catalogue supplied.	1 set per trailer	(Y/N)
d) Operators handbook and service schedule supplied.	1 set per trailer	(Y/N)

12. OTHER REQUIREMENTS.

a) Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
b) Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act Cap 403 prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
c) Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)

## 10. NON-TIPPING TRAILER, 3 TON

<b>TENDERER'S SPECIFICATION Column to be completed by ALL</b>			
	<b>SPECIFICATION</b>	<b>REQUIREMENT</b>	<b>TENDERER'S RESPONSE</b>
	MAKE	-	_____
	MODEL	-	_____
	COUNTRY OF ORIGIN	-	_____
	MANUFACTURER'S LITERATURE, AUTHORITY, DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)
	Submitted Drawings to Give the Following Views:	Y	_____(Y/N)
	a) Plan view	Y	_____(Y/N)
	b) Side elevation	Y	_____(Y/N)
	c) Rear elevation	Y	_____(Y/N)
	d) Detailed drawings showing cross-sectional members, arrangement and rams fitting	Y	_____(Y/N)
1.	<b>GENERAL</b>		
a)	A heavy duty, single axle, all steel body, non-tipping trailer	Yes <b>(MANDATORY)</b>	_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)
c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)
d)	Low-speed trailer for use with light duty agricultural tractor	Yes	_____(Y/N)
2.	<b>DIMENSIONS, WEIGHT AND CAPACITY</b>		
a)	Overall body length, approx.	4,200mm	_____mm
b)	Overall width, approx.	2,100mm	_____mm
c)	Overall height, from the ground level.	1,100mm	_____mm
d)	Body length, min.	3,000mm	_____mm
e)	Body internal depth, min	400mm	_____mm
f)	Weight carrying capacity, min.	3,000 Kg	_____Kg
3.	<b>CHASSIS</b>		
a)	Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	127 mm x 64 mm	x _____mm
b)	Channels box sections through the body and single channels for outer longitudinal members.	Yes, Yes	_____(Y/N)
c)	Cross members suitably spaced apart to	Specify spacing	_____mm

<b>TENDERER'S SPECIFICATION Column to be completed by ALL</b>			
	<b>SPECIFICATION</b>	<b>REQUIREMENT</b>	<b>TENDERER'S RESPONSE</b>
	provide adequate body support		
d)	Load transferred to tractor draw bar on full load, range.	1.0 Ton	_____ Ton
e)	Sub-frame fabricated from 4" x 2" channels	4" x 2" channels	_____
4.	<b>BODY</b>		
a)	Truck volumetric capacity, min	2.5 cu. m	_____ cu. m
	Body dimensions	3200x2000x400mm	
b)	Body floor constructed out of 2mm min. thick m/s plate	Yes	_____(Y/N)
c)	Body floor supported by thick channels of 4.5 mm thickness, min.	4.5 mm	_____mm
d)	Sides and headboard constructed out of 3mm m/s plate (min.), supported with vertical reinforcements at a maximum of 800 mm apart	Yes	_____(Y/N)
e)	Both sides to be drop type for easy loading/off-loading	Yes	_____(Y/N)
f)	Rear tail gate of same construction as headboard and sides with spacing of supports at max. 600mm	Yes	_____(Y/N)
g)	All hinges to be of robust heavy duty type	Yes	_____(Y/N)
5.	<b>AXLE</b>		
a)	Slow speed axle, rating	3 Ton	
b)	Axle main beam made of square bar or high tensile steel	Specify	Specify
c)	Stubs supported by hot rolled channels with necessary stiffeners	Yes	Yes
d)	Wheel track, approx.	1600mm	Specify
6.	<b>DRAW BAR</b>		
a)	Comprising 2 No. hot rolled channels of size	127 x 64 x 6 mm	Specify -----
b)	Fitted with mechanical parking brake.	Yes	Yes
c)	Complete braking system <u>bolted</u> to the drawbar for easy replacement and service.	Yes	Yes
d)	Towing hitch, of alloy steel should be capable of carrying up to 3 tons vertical	Yes, specify load	Specify -----

<b>TENDERER'S SPECIFICATION Column to be completed by ALL</b>			
	<b>SPECIFICATION</b>	<b>REQUIREMENT</b>	<b>TENDERER'S RESPONSE</b>
	load of trailer		
e)	Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	Yes
f)	Towing Hook to be compatible with that for 30 – 80HP agricultural tractor	Yes	Yes
7.	<b>TYRES AND WHEELS</b>		
a)	Locally manufactured, trailer type tyre with tube	750x16 – 10 Ply	_____
b)	Rim size	750x16	_____
c)	Wheel studs, LH & RH threads, of high tensile steel, size min. (Min. 5 No. studs per hub)	6xM18 (Yes)	_____(Y/N)
d)	Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)
8.	<b>PAINTING</b>		
a)	Chassis and body steelwork to be thoroughly cleaned before application of paint	Yes, <b>Mandatory</b>	_____ _____
b)	At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____
c)	Two coats one coat of gloss finish paint to be applied, user to specify colour.	Yes, <b>Mandatory</b>	_____(Y/N)
d)	Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	Yes <b>(Mandatory)</b>	_____(Y/N)
9.	<b>EQUIPMENT (ACCESSORIES) ETC</b>		
a)	List, if any, of optional equipment	Specify	_____ _____
10.	<b>WARRANTY</b>		
a)	Each trailer supplied should carry a statement of warranty.	Yes <b>(Mandatory)</b>	(Y/N)
b)	Trailer warranty min, 12 months.	Specify	months
11.	<b>MANUALS</b>		
a)	All literature in English language	Yes <b>(Mandatory)</b>	(Y/N)
b)	Repair Manual, supplied.	1 set per trailer	(Y/N)
c)	Parts catalogue supplied.	1 set per trailer	(Y/N)
d)	Operators handbook and service schedule	1 set per trailer	(Y/N)

<b>TENDERER'S SPECIFICATION Column to be completed by ALL</b>			
	<b>SPECIFICATION</b>	<b>REQUIREMENT</b>	<b>TENDERER'S RESPONSE</b>
	supplied.		
12.	<b>OTHER REQUIREMENTS.</b>		
a)	Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
b)	Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act Cap 403 prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)
c)	Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)

### **11. CHISEL PLOUGH**

<b>TENDERER'S SPECIFICATION Column to be completed by ALL</b>			
	<b>SPECIFICATION</b>	<b>REQUIRED</b>	<b>TENDERER'S RESPONSE</b>
	Make	-	
	Model	-	
	Country of origin	-	
	Manufacturer's literature, authority and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)

#### **1. GENERAL**

a)	A Standard production, chisel plough made in conformity with the current agriculture conditions, latest design, in current production.	Yes, Yes, Yes	_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)
c)	Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet medium field requirements.	Yes, Yes	_____(Y/N)
d)	Suitable for use with a specific range of agricultural tractors and operated from the PTO point.	Yes	_____(Y/N)
e)	Strong main frame with bolted alloy steel legs to get most convenient penetration angle for efficiency. Reversible tines specially treated for strength and anti-corrosion	Yes	_____(Y/N)

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIRED	TENDERER'S RESPONSE
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**2. DIMENSIONS AND WEIGHTS.**

a)	Number of tines min	7	_____
b)	Distance between beams, approx.	3,000mm	_____ mm
c)	Working width, approx.	2,100mm	_____ mm
d)	Working depth approx,	450mm	_____ mm
e)	Clearance, approx	600mm	_____ mm
f)	Weight, approx.	500kg	_____ kg
g)	Power requirement	50-90HP	_____

**3. EQUIPMENT (ACCESSORIES) ETC**

a)	Manufacturers complete tools kit supplied	Yes	_____ (Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	_____
c)	Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	_____

**4. WARRANTY**

a)	Specimen of warranty to be submitted when tendering	Yes Mandatory	_____ (Y/N)
b)	Each implement to carry manufacturers statement of warranty	Yes	_____ (Y/N)
c)	Implement warranty min.	1 year	_____ Years
d)	Warranty against corrosion min.	3 years	_____ Years

**5. OTHER REQUIREMENT**

a)	The Chief Mechanical and Transport Engineer will inspect Implements prior to delivery to the user.	Yes	_____ (Y/N)
b)	Firm's Status: (Franchise holder/ Dealer/Agent.	Specify	_____
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----
d)	Availability of spare parts	Indicate dealers who stock spare parts	----- ----- ----- --

**6. MANUALS**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIRED	TENDERER'S RESPONSE
a) All literature in English Language	Yes	_____(Y/N)
b) Repair manual supplied	One per implement	_____(Y/N)
c) Parts catalogue supplied	One per implement	_____(Y/N)
d) Operators handbook and service schedule supplied	One per implement	_____(Y/N)

**12. MINI CRAWLER CRANE 2.3 T**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature and Specifications Supplied (To be forwarded together with these specifications when duly filled in)	Yes (Mandatory)	..... ..(Y/N)
1. GENERAL		
a) A Standard production, hydraulic mini crawler crane, of latest design in class, robust construction, in current production	Yes, Yes, Yes	.....( Y/N)
b) Supplied new.	Yes	.....( Y/N)
c) Designed to light duty specifications, capable of operating in tropical conditions and on rough terrain.	Yes, Yes, Yes	..... ..(Y/N)
d) Suitable for lifting and lowering light loads	Yes	..... ..(Y/N)
e) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be included in the tender.	Yes	.....( Y/N)
2. DIMENSIONS		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
a) Overall length approx...	2,200mm	.....mm
b) Overall width, approx...	660mm	.....mm
c) Overall height, approx...	1,400mm	.....mm
d) Maximum lift height, approx...	2.3 tons at approx. 1.4m distance	.....ton ..... m
e) Crane capacity approx...	2.3tons at approx. 1.4m distance	.....t on ..... m
f) Machine Weight	1,500kg	.....K g
g) Gradeability	20°	.....°
h) Travel Speed approx....	2Km/h	.....K m/h
I) Maximum lift height approx....	6.0m	..... m
j) Maximum working radius	6.0m	..... m
<b>3. CRAWLER CARRIER</b>		
<b>DIMENSIONS AND WEIGHTS</b>		
a) Ground length, approx....	1,000mm	..... mm
b) Crawler shoe width approx.....	180mm	..... m

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c) Width, approx...		
<b>4. ENGINE</b>		
a) Make	-	
b) Model	-	
c) Country of Origin	-	
d) Engine performance curves supplied	Yes	.....(Y/N)
e) Fuel type	Petrol	.....(Y/N)
f) Starting method	Specify	.....
g) Flywheel horsepower (HP/rpm), min.	5KW/1800rpm	.....Kw/rpm
h) Average fuel consumption	Specify	.....Lt/hour
g) Fuel tank capacity, approx...	Specify	.....Lt
<b>5. TRANSMISSION</b>		
a) Transmission system-hydraulic	Specify	.....
b) Drive configuration- Hydrostatic, stepless forward and Reverse	Specify	.....
<b>6. ELECTRICAL SYSTEM AND INSTRUMENTS</b>		
a) System Voltage 12/24 V, negative earth.	Specify	.....
b) Alternator Charging	Yes	.....(Y/N)
c) Battery capacity, approx.	Specify	.....(Y/N)
d) Standard instruments and gauges .g panel		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
lamps battery charge lamp, fuel gauge, head and rear lights, Stop & turning signal lights	Yes	.....(Y/N)
e) Crane controlled and operated from the seat fitted at the rear side	Yes	.....(Y/N)
<b>7. SUPERSTRUCTURE BOOM, TELESCOPIC TYPE</b>		
a) Boom type – telescopic, automatic power boom, 2No. cylinders/2No. wires	Specify	.....
b) Boom type – 5 sections	Specify	.....Sections
c) Boom length range, approx...	Specify	.....
d) Supplied with 1 metre extension giving 750Kg at extended length , min	2.0-6.0 m	.....
e) Extension speed 4.2 m/26sec	Specify	.....m/sec
f) Hook Speed	Specify	.....
g) Wire dimensions 8mm diameter, 35,000mm length	Specify	.....
<b>8. SWING</b>		
a) Swing; Hydraulic motor driven, with gear restriction and self-locking brake	Yes, Yes, Yes,	.....(Y/N)
b) Swing range 360°	Yes	.....°
c) Swing speed (time for one rotation)	Specify	.....
d) Installed braking system for swing	Yes	.....(Y/N)
<b>9. OUTRIGGERS</b>		
a) Type – Box type 4No. attached to each side of mainframe structure	Specify	.....
b) Outrigger span approx...	4x4m	.....m
<b>10. ACCESSORIES</b>		
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)
c) Reflective chevros at rear, license plate holder at front and rear to conform to Kenya Traffic Act, CAP. 403 Tenth Schedule.	Yes (Mandatory)	.....(Y/N)
<b>11. WARRANTY</b>		
a) Equipment /items supplied should carry a statement of warranty	Yes (Mandatory)	.....(Y/N)
b) Equipment warranty min, 2000hrs or Two (2) years, whichever comes first	Specify (Mandatory)	.....hours
<b>12. MANUALS</b>		
a) All literature in English language	Yes	.....(Y/N)
b) Operator's Manual, supplied	1 per equipment	.....(Y/N)
c) Repair Manual, supplied	1 per equipment	.....(Y/N)
<b>13. OTHER REQUIREMENTS</b>		
a) Equipment to be registered by the registrar of Motor Vehicles	Yes (Mandatory)	.....(Y/N)
b) Equipment will be inspected by the Chief Mechanical and Transport Engineer, Prior to delivery to the user.	Yes	.....(Y/N)
c) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)
d) Availability of Spares	Indicate motor dealers who stock spare parts	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... .....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
		.....
f) Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes (Mandatory)	.....(Y/N)

### **13. 12 HP LAWN MOWER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A Standard production, lawn mower of 12 HP minimum, of latest design in robust construction and in current production	Yes, Yes, Yes	.....(Y/N)
b) Supplied new.	Yes	.....(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes, Yes, Yes	.....(Y/N)
d) Suitable for mowing all types of grass and weeds.	Yes	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS &amp; PERFORMANCE</b>		
a) Overall length (excluding catcher) approx...	1,600mm	.....mm
b) Overall width, approx...	100mm	.....mm

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c) Gross machine weight approx...	120Kg	.....Kg
<b>3. ENGINE</b>		
a) Make	-	
b) Model	-	
c) Country of Origin	-	
d) Engine performance curves supplied	Yes	.....(Y/N)
e) Engine Type	2/4 stroke diesel	.....(Y/N)
f) Engine cooling system	Air	.....(Y/N)
g) Piston displacement, approx....	Specify	.....c c
h) Number of cylinders	Specify	.....N o
i) Maximum power output min.	12HP	.....HP
j) Air filter, disposable/oil bath	Specify	.....
k) Oil and fuel filter type	Disposable	.....(Y/N)
l) Fuel tank capacity, approx....	Specify	.....Lt
<b>4. TRANSMISSION</b>		
a) Belt driven through hardened gears	Yes	.....(Y/N)
b) Speeds 2 forward and 1 reverse	Yes	.....(Y/N)
<b>5. CUTTING DECK, WHEELS, BRAKES</b>		
a) Easily removable cutter blades.	Yes	.....(Y/N)
b) Width of cut.	650mm	.....mm
c) Cutting height, adjustable	10mm-90mm	.....mm

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Swivel front wheels	Yes	.....(Y/N)
e) Rear wheels, size	320mm	.....mm
f) Service brakes	hydraulic	.....(Y/N)
g) Parking brake	manual	.....(Y/N)
<b>6. EQUIPMENT (OR ACCESSORIES) ETC.</b>		
a) Wheel brace and all manufacturer's standard tools, supplied.	Yes	.....(Y/N)
b) Any other equipment that the manufacturer deems necessary for the optimum efficiency of the machine.	Specify	.....Sections
<b>7. WARRANTY</b>		
a) Specimen of machine warranty to be submitted when tendering	Yes	.....(Y/N)
b) Each machine supplied carry a statement of warranty	Yes (Mandatory)	.....(Y/N)
c) Machine warranty min.	Specify	.....months
<b>8. MANUALS</b>		
a) All literature in English language	Yes	.....(Y/N)
b) Repair Manual , supplied	Yes (Mandatory)	.....
c) Parts catalogue supplied	Yes (Mandatory)	.....
d) Drivers handbook and service schedule supplied	Yes	.....
<b>9. ACCESSORIES</b>		
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)
<b>10. WARRANTY</b>		
a) Equipment /items supplied should carry a statement of warranty	Yes (Mandatory)	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Equipment warranty min, 2000hrs or Two (2) years, whichever comes first	Specify (Mandatory)	.....hours
<b>11. MANUALS</b>		
a) All literature in English language	Yes	.....(Y/N)
b) Operator's Manual, supplied	1 per equipment	.....(Y/N)
c) Repair Manual, supplied	1 per equipment	.....(Y/N)
<b>12. OTHER REQUIREMENTS</b>		
a) Equipment to be registered by the registrar of Motor Vehicles	Yes (Mandatory)	.....(Y/N)
b) Equipment will be inspected by the Chief Mechanical and Transport Engineer, Prior to delivery to the user.	Yes	.....(Y/N)
c) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)
d) Availability of Spares	Indicate motor dealers who stock spare parts	..... ..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... .....
f) Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes (Mandatory)	.....(Y/N)

**14. AGRIC IMPLEMENTS HARROW 3 DISC**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Manufacturer's Literature and Specifications Supplied along with this tender.	Yes (Mandatory)	..... ..(Y/N)
<b>1. GENERAL</b>		
a) A Standard production, light series 3-disc harrow made in conformity with the current agriculture conditions, latest design, in current production.	Yes, Yes, Yes	.....( Y/N)
b) Supplied new.	Yes	.....( Y/N)
c) Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet orchard and small field requirements.	Yes, Yes, Yes	..... ..(Y/N)
d) Suitable for use with a specific range of agricultural tractors and hydraulically operated from the PTO point.	Yes	..... ..(Y/N)
e) Scalloped or plain set in adjustable offset gangs with self-aligning triple ply sealed integrated ball bearings	Yes	.....( Y/N)
<b>2. DIMENSIONS AND WEIGHTS</b>		
a) Total length, approx...	2,130mm	.....mm
b) Total width, approx...	1,265mm	.....mm
c) Total height, approx...	1,235mm	.....mm
d) Working depth, approx...	250mm	.....mm
e) Working width, approx	990mm	..... mm
f) Space between discs, approx...	530mm	..... mm

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
g) Diameter of disc, approx...	660mm	.....m m
<b>3. EQUIPMENT (ACCESSORIES) ETC</b>		
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	.....
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	.....
<b>4. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)
b) Each implement to carry manufacturer's statement of warranty	Yes	.....(Y/N)
c) Implement warranty, min.	Specify	.....Years
d) Warranty against corrosion , min	Specify	.....Years
<b>5. OTHER REQUIREMENT</b>		
a) The Chief Mechanical and Transport Engineer will Inspect Implements prior to delivery to the user.	Yes	.....(Y/N)
b) Firm's Status : ( Franchise holder/ Dealer/Agent), attach proof thereof	Specify, (Mandatory)	.....
c) Names and locations of dealers/agents where back-up service can be obtained	Specify	..... ..... ..... .....
<b>6. MANUALS</b>		
a) All literature in English Language	Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Repair manual supplied	One per implement	.....(Y/N)
c) Parts catalogue supplied	One per implement	.....(Y/N)
d) Operators handbook and service schedule supplied	One per implement, Yes	.....(Y/N)
<b>7. ACCESSORIES</b>		
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)

### **15. AGRIC IMPLEMENTS 3 DISC PLOUGH**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature and Specifications Supplied along with this tender.	Yes (Mandatory)	..... ..(Y/N)
<b>1. GENERAL</b>		
a) A Standard production disc plough made in conformity with the current agriculture conditions, latest design, in current production.	Yes, Yes, Yes	.....( Y/N)
b) Supplied new.	Yes	.....( Y/N)
c) Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet large and small field requirements.	Yes, Yes, Yes	..... ..(Y/N)
d) Suitable for use with a specific range of	Yes	.....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
agricultural tractors and hydraulically operated from the PTO point.		..(Y/N)
e) Scalloped or plain set in adjustable offset gangs with self-aligning triple ply sealed integrated ball bearings	Yes	.....(Y/N)
<b>2. DIMENSIONS AND WEIGHTS</b>		
a) Total length, approx...	2,200mm	.....mm
b) Total width, approx...	1,400mm	.....mm
c) Total height, approx...	1,235mm	.....mm
d) Working depth, approx...	250mm	.....mm
e) Working width, approx	1100mm	.....mm
f) Space between discs, approx...	530mm	.....mm
g) Diameter of disc, approx...	660mm	.....mm
<b>3. EQUIPMENT (ACCESSORIES) ETC</b>		
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	.....
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	.....
<b>4. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
		N)
b) Each implement to carry manufacturer's statement of warranty	Yes	.....(Y/N)
c) Implement warranty, min.	Specify	.....Years
d) Warranty against corrosion , min	Specify	.....Years
<b>5. OTHER REQUIREMENT</b>		
a) The Chief Mechanical and Transport Engineer will Inspect Implements prior to delivery to the user.	Yes	.....(Y/N)
b) Firm's Status : ( Franchise holder/ Dealer/Agent), attach proof thereof	Specify, (Mandatory)	.....
c) Names and locations of dealers/agents where back-up service can be obtained	Specify	..... ..... ..... .....
d) Availability of spares	Indicate dealers who stock spare parts	..... ..... ..... ..... .....
<b>6. MANUALS</b>		
a) All literature in English Language	Yes	.....(Y/N)
b) Repair manual supplied	One per implement	.....(Y/N)
c) Parts catalogue supplied	One per implement	.....(Y/N)
d) Operators handbook and service schedule	One per implement, Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
supplied		
<b>7. ACCESSORIES</b>		
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)
c) Repair Manual, supplied	1 per equipment	.....(Y/N)

**16. AGRIC IMPLEMENTS 4 DISC PLOUGH**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature and Specifications Supplied along with this tender.	Yes (Mandatory)	..... ..(Y/N)
<b>1. GENERAL</b>		
a) A Standard production disc plough made in conformity with the current agriculture conditions, latest design, in current production.	Yes, Yes, Yes	.....( Y/N)
b) Supplied new.	Yes	.....( Y/N)
c) Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet large and small field requirements.	Yes, Yes, Yes	..... ..(Y/N)
d) Suitable for use with a specific range of agricultural tractors and hydraulically operated from the PTO point.	Yes	..... ..(Y/N)
e) Scalloped or plain set in adjustable offset gangs with self-aligning triple ply sealed integrated ball bearings	Yes	.....( Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER Y/N)
		Y/N)
<b>2. DIMENSIONS AND WEIGHTS</b>		
a) Total length, approx...	2,200mm	.....mm
b) Total width, approx...	1,400mm	.....mm
c) Total height, approx...	1,235mm	.....mm
d) Working depth, approx...	250mm	.....mm
e) Working width, approx	1100mm	..... mm
f) Space between discs, approx...	530mm	..... mm
g) Diameter of disc, approx...	660mm	.....m m
<b>3. EQUIPMENT (ACCESSORIES) ETC</b>		
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/ N)
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	.....
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	.....
<b>4. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/ N)
b) Each implement to carry manufacturer's statement of warranty	Yes	.....(Y/N)
c) Implement warranty, min.	Specify	.....Years

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Warranty against corrosion , min	Specify	.....Years
<b>5. OTHER REQUIREMENT</b>		
a) The Chief Mechanical and Transport Engineer will Inspect Implements prior to delivery to the user.	Yes	.....(Y/N)
b) Firm=s Status : ( Franchise holder/ Dealer/Agent), attach proof thereof	Specify, (Mandatory)	.....
c) Names and locations of dealers/agents where back-up service can be obtained	Specify	..... ..... ..... .....
d) Availability of spares	Indicate dealers who stock spare parts	..... ..... ..... .....
<b>6. MANUALS</b>		
a) All literature in English Language	Yes	.....(Y/N)
b) Repair manual supplied	One per implement	.....(Y/N)
c) Parts catalogue supplied	One per implement	.....(Y/N)
d) Operators handbook and service schedule supplied	One per implement, Yes	.....(Y/N)
<b>7. ACCESSORIES</b>		
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c) Repair Manual, supplied	1 per equipment	.....(Y/N)

**17. LAWN MOWER 5-6 HP**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied	Yes (Mandatory)	.....( Y/N)
<b>1. GENERAL</b>		
a) A Standard production, lawn mower of latest design in robust construction and in current production	Yes, Yes, Yes	.....( Y/N)
b) Supplied new.	Yes	.....( Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes, Yes, Yes	..... ..(Y/N)
d) Suitable for mowing all types of grass	Yes	.....( Y/N)
<b>2. DIMENSIONS, WEIGHTS &amp; PERFORMANCE</b>		
a) Overall length, (excluding catcher) approx...	1,600mm	.....mm
b) Overall width, approx...	600mm	.....mm
c) Cut width, approx	500mm	.....mm

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Gross machine weight approx...	120Kg	.....Kg
<b>3. ENGINE</b>		
a) Make	-	
b) Model	-	
c) Country of Origin	-	
d) Engine performance curves supplied	Yes	.....(Y/N)
e) Engine Type	2/4 stroke diesel	.....(Y/N)
f) Engine cooling system	Air	.....(Y/N)
g) Piston displacement, approx....	Specify	.....c c
h) Number of cylinders	Specify	.....N o
i) Maximum power output min.	5-6HP	.....H P
j) Air filter, disposable/oil bath	Specify	.....
k) Oil and fuel filter type	Disposable	.....(Y/N)
l) Fuel tank capacity, approx....	Specify	.....Lt
<b>4. TRANSMISSION</b>		
a) Belt driven through hardened gears	Yes	.....(Y/N)
b) Speeds 2 forward and 1 reverse	Yes	.....(Y/N)
<b>5. CUTTING DECK, WHEELS, BRAKES</b>		
a) Easily removable cutter blades.	Yes	.....(Y/N) )

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Width of cut.	500mm	.....mm
c) Cutting height, adjustable	10mm-90mm	.....mm
d) Swivel front wheels	Yes	.....(Y/N)
e) Rear wheels, size	320mm	.....mm
f) Service brakes	hydraulic	.....(Y/N)
g) Parking brake	Manual	.....(Y/N)
<b>6. EQUIPMENT (OR ACCESSORIES) ETC.</b>		
a) Wheel brace and all manufacturer's standard tools, supplied.	Yes	.....(Y/N)
b) Any other equipment that the manufacturer deems necessary for the optimum efficiency of the machine.	Specify	..... .....
<b>7. WARRANTY</b>		
a) Specimen of machine warranty to be submitted when tendering	Yes	.....(Y/N) )
b) Each machine supplied carry a statement of warranty	Yes (Mandatory)	.....(Y/N) )
c) Machine warranty min.	Specify	.....m onths
<b>8. MANUALS</b>		
a) All literature in English language	Yes	.....(Y/N)
b) Repair Manual , supplied	Yes (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	Yes (Mandatory)	.....(Y/N)
d) Drivers handbook and service schedule supplied	Yes	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
		.....
<b>9. ACCESSORIES</b>		
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)
<b>10. OTHER REQUIREMENTS</b>		
a) Equipment to be registered by the registrar of Motor Vehicles	Yes (Mandatory)	.....(Y/N)
b) Equipment will be inspected by the Chief Mechanical and Transport Engineer, Prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)
c) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)
d) Availability of Spares	Indicate motor dealers who stock spare parts	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... .....
f) Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes (Mandatory)	.....(Y/N)

**18. ROW CROP PLANTER -4 ROWS**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
	-	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MODEL		
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A Standard production, row crop planter (seed drill) made in conformity with the current agriculture conditions, latest design, in current production, marketed in kenya	Yes, Yes, Yes	.....(Y/N)
b) Supplied new with fine seed hopper	Yes	.....(Y/N)
c) Designed to export specifications, capable of operating in tropical soils and conditions. Designed to meet medium and small field requirements.	Yes, Yes, Yes	.....(Y/N)
d) Suitable for use with 60-80HP agricultural tractors and hydraulically operated from the tractor P.T.O point.	Yes	.....(Y/N)
e) Medium capacity seed/ crop and fertilizer hoppers with floating spiral fertilizer type distributor and rotor.  Seed distribution system to have assorted plates for different crops and furrower/ point for corn or equivalent system	Yes, Yes  Specify	.....(Y/N)  .....
<b>2. DIMENSIONS AND WEIGHTS</b>		
a) Gearbox with combinations of speed for fertilizer distribution regulation	Specify number of combinations	.....
b) Seeding row units with flexible tynes complete with points	Yes	.....mm
c) Hitch beam with regulator and mechanical jack. Frame width approx...	Yes 3,500mm	.....(Y/N) .....mm
d) Transmission system with gearing for finishing operation	Specify	.....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
e) Disc/Wheel for fertilizer and seed compaction	Yes	.....(Y/N)
f) Useful width approx...	2,900mm	.....mm
g) Total width 3,500mm approx...	Specify	.....mm
h) Hopper capacity by weight approx... 1. Grain 2. Pasture seed 3. Fertilizer 4. Wheat 5. Beans 6. Barley	Specify for each	.....Kg .....Kg .....Kg .....Kg .....Kg .....Kg
i) Seed case volume min.	50 Lts	.....Lts
j) Micro granulators with 3-9 outlets capacity approx.	40-200litres	.....Lts
k) Approx weight of machine	700Kg	.....Kg
l) Fertilizer hopper capacity range	50-2050lt	.....Lt
m) Total height of machine	Specify	.....mm
n) Total length	Specify	.....mm
o) Row spacing	150-1200mm	.....mm
p) Working depth approx...	150mm	.....mm
<b>3. EQUIPMENT (ACCESSORIES) ETC</b>		
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	..... ..... .....
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements.	Specify	.....
<b>4. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Each implement to carry manufacturer's statement of warranty	Yes	.....(Y/N)
c) Implement warranty, min.	Specify	.....Years
d) Warranty against corrosion, min.	Specify	.....Years
<b>5. MANUALS</b>		
a) All literature in English language	Yes	.....(Y/N)
b) Repair Manual , supplied	One per machine Yes (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	One per machine Yes (Mandatory)	.....(Y/N)
d) Operator's handbook and service schedule supplied	Yes, One per machine	.....(Y/N).
<b>9. ACCESSORIES</b>		
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)
<b>10. OTHER REQUIREMENTS</b>		
a) Implements will be inspected by the Chief Mechanical and Transport Engineer, Prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)
b) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)
c) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... .....

**19. WATER PUMP, DIESEL ENGINE DRIVEN**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A Standard production, water pump, of latest design, in current production	Yes Yes, Yes,	.....(Y/N)
b) Supplied new	Yes	.....(Y/N)
c) Suitable for use on road construction sites, to pump water from streams, rivers and dams into water tankers.	Yes	.....(Y/N)
d) Capable of operating in tropical conditions and dusty conditions	Yes	.....(Y/N)
<b>2. DIMENSIONS</b>		
a) Overall length, approx...	1,300mm	.....mm
b) Overall width, approx...	1000mm	.....mm
c) Overall height, approx...	800mm	.....mm
d) Machine weight, approx...	150Kg	.....Kg
<b>3. ENGINE</b>		
a) Make	-	.....
b) Model	-	.....
c) Country of origin	-	.....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Engine performance curves supplied	Yes	.....(Y/N)
e) Engine type, Diesel, 4 stroke	Yes, Yes	.....(Y/N)
f) Engine cooling system, water	Yes	.....(Y/N)
g) Number of Cylinders	Specify	.....No.
h) Maximum power output/rpm, approx...	5HP/2500rpm	.....HP/rpm
i) Air filter, disposable/oil bath	Specify	.....
j) Oil and fuel type	Disposable	.....
k) Fuel consumption (on full load)	Specify	.....Km/l
l) Fuel tank capacity, approx....	20 Lt	.....Lt
<b>5. PUMP</b>		
a) Make	-	
b) Model	-	
c) Country of origin	-	
d) Connections	75mm	.....mm
e) Single stage centrifugal	Yes	.....(Y/N)
f) Delivery rate min	2000l/min	.....l/min
g) Suction lift min.	10m	.....m
h) Total delivery head min.	25m	.....m
i) Self-priming	Yes	.....(Y/N)
j) Pump performance curves supplied	Yes	.....(Y/N)
k) Check valve incorporated	Yes	.....(Y/N)
l) Pump directly coupled to engine	Yes	.....(Y/N)
<b>5. FRAME</b>		
a) Trolley mounted	Yes	.....(Y/N)
b) Trolley frame- heavy duty fabricated steel	Yes	.....(Y/N)
	Yes, specify	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c) Trolley to run on pneumatic or solid rubber tyres		
d) Tyre number and size	Yes, specify	.....(Y/N)
e) Trolley fitted with suitable adjustable stand	Yes	.....(Y/N)
<b>6. ACCESSORIES</b>		
a) Suction hose, length x diameter	20,000 x 75mm	..... x.....mm
b) Suction hose to be fitted with screen	Yes	.....(Y/N)
c) Suction hose, length x diameter	30,000 x 75 mm	.....x.....mm
d) Any other accessories	Specify	.....Years
<b>7. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Operation manual supplied	Yes (Mandatory)	.....(Y/N)
c) Repair manuals/CD supplied	Specify which available 1 per pump Mandatory	.....(Y/N)
d) Parts catalogue/CD supplied	Specify which available 1 per pump Mandatory	.....(Y/N)
<b>8. WARRANTY</b>		
a) Each pump supplied should carry a statement of warranty	Yes (Mandatory)	.....(Y/N)
b) Pump warranty, min. 6 months	Specify	.....months
<b>9. OTHER REQUIREMENT</b>		
a) Pump will be inspected by the Chief Mechanical and Transport Engineer, Prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)
b) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....

**21. HAY BALER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A Standard production, hay baler made in conformity with the current agriculture conditions, latest design, in current production, marketed in Kenya	Yes, Yes, Yes	.....(Y/N)
b) Supplied new	Yes	.....(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions. Designed to meet medium field requirements	Yes, Yes	.....(Y/N)
d) Suitable for use with agricultural tractors of 40HP-80HP	Yes, Specify tractor Horsepower	.....(Y/ N)  .....HP
e) Operated by tractor P.T.O shaft	Yes Specify tractor	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>		
a) Width without chute length, approx...	5.5m	.....m
b) Width, approx...	2.6mm	.....m
c) Height, approx...	1.4m	.....m

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Track width, approx...	2.4m	.....m
e) Gathering width including flare	1.7m	.....m
f) Width feeder crankshaft-inner 3 No. times shear holt Protected Outer 3No. tines	Specify	.....
g) Ram strokes, approx.....	90/min	.....strokes/min
h) Bale chamber measurements approx.,... wxh	460mm x 360mm	.....mm x .....mm
i) Bale length range	0.4-1.1m	.....m
j) Weight of machine approx.....	1200-1500kg	.....Kg
k) Knotters, min	2No.	.....No.
l) Twine box spools approx.....	8No	.....No.
<b>3. ACCESSORIES</b>		
a) Manufacturer's complete tool kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine	Yes	.....(Y/N)
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine	Specify	.....
<b>4. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	One per machine (Mandatory)	.....(Y/N)
d) Operators handbook and service schedule	One per Machine (Mandatory)	.....(Y/N)
<b>5. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
		N)
b) Each machine to carry manufacturer's statement of warranty	Yes	.....(Y/N)
c) Warranty period, min.	Specify	.....Years/Months
6. OTHER REQUIREMENT		
a) The Chief Mechanical and Transport Engineer will inspect machine prior to delivery to the user.	Yes	.....(Y/N)
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... ..... ..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....

**22. PALLET TROLLEY 2.TON**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and		.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Specifications Supplied along with this tender	Yes (Mandatory)	
<b>1. GENERAL</b>		
a) A Standard production, pallet trolley of latest design, robust construction and in current production, marketed in Kenya	Yes Yes, Yes,	.....(Y/N)
b) Supplied new and unused	Yes	.....(Y/N)
c) Designed to heavy duty specifications, and suitable for use in tropical conditions	Yes, Yes	.....(Y/N)
d) Pedestrian /hand driven	Yes	.....(Y/N)
e) Hydraulically operated	Yes (Mandatory)	.....(Y/N)
f) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be included in this tender	Yes	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>		
a) Capacity	2ton	.....ton
b) Height of fork, approx...	1,200mm	.....mm
c) Lift height, min.	100mm	.....mm
d) Lowered height, approx...	60mm	.....mm
e) Dimensions, L X W	900mm x 500mm	.....mm x .....mm
f) Weight, approx....	80Kg	.....Kg
g) With a welded steel pump, safety overload and bypass system	Specify	.....
h) With a top balanceable strengthened fork frame	Specify	.....
i) With a 3 position control handle	Specify	.....
j) With suitable metal lifting rods	Specify	.....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
<b>3. ACCESSORIES</b>		
a) Manufacturer's complete tool kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine	Yes	.....(Y/N)
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine	Specify	.....
<b>4. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	One per machine (Mandatory)	.....(Y/N)
d) Operators handbook and service schedule	One per Machine (Mandatory)	.....(Y/N)
<b>5. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)
b) Each machine to carry manufacturer's statement of warranty	Yes	.....(Y/N)
c) Warranty period, min.	Specify	.....Months/Hours
<b>6. OTHER REQUIREMENTS</b>		
a) The Chief Mechanical and Transport Engineer will Inspect machine prior to delivery to the user.	Yes	.....(Y/N)
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... .....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
		..... .....

**23. PALLET TROLLEY 3TON**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A Standard production, pallet trolley of latest design, robust construction and in current production, marketed in Kenya	Yes Yes, Yes,	.....(Y/N)
b) Supplied new and unused	Yes	.....(Y/N)
c) Designed to heavy duty specifications, and suitable for use in tropical conditions	Yes, Yes	.....(Y/N)
d) Pedestrian /hand driven	Yes	.....(Y/N)
e) Hydraulically operated	Yes (Mandatory)	.....(Y/N)
f) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be included in this tender	Yes	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>		
a) Capacity	3ton	.....ton
b) Height of fork, approx...	1,200mm	.....mm

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c) Lift height, min.	100mm	.....mm
d) Lowered height, approx...	60mm	.....mm
e) Dimensions, L X W	1,000mm x 550mm	.....mm x .....mm
f) Weight, approx....	90Kg	.....Kg
g) With a welded steel pump, safety overload and bypass system	Specify	.....
h) With a top balanceable strengthened fork frame	Specify	.....
i) With a 3 position control handle	Specify	.....
j) With suitable metal lifting rods	Specify	.....
<b>3. ACCESSORIES</b>		
a) Manufacturer's complete tool kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine	Yes	.....(Y/N)
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine	Specify	.....
<b>4. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	One per machine (Mandatory)	.....(Y/N)
d) Operators handbook and service schedule	One per Machine (Mandatory)	.....(Y/N)
<b>5. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)
b) Each machine to carry manufacturer's statement of warranty	Yes	.....(Y/N)
c) Warranty period, min.	Specify	.....Months/Hours
<b>6. OTHER REQUIREMENTS</b>		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
a) The Chief Mechanical and Transport Engineer will Inspect machine prior to delivery to the user.	Yes	.....(Y/N)
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....

## **24. TWO WHEEL TRACTOR**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production, two wheeled tractor, of latest design, in current production	Yes, Yes, Yes	.....(Y/N)
b) Supplied new	Yes	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
		.....(Y/N)
c) Suitable for towing light trailers and driving light agricultural implements such as roto tillers, single plough	Yes	.....(Y/N)
d) Capable of operating in tropical conditions and dusty conditions	Yes	.....(Y/N)
e) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be fitted	Yes (Mandatory)	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>		
a) Overall length, approx.....	2,000mm	.....mm
b) Overall width, approx...	1,500mm	.....mm
c) Overall height, approx....	1,500mm	.....mm
d) Machine weight, approx....	Kg	.....Kg
e) Travelling speed forward 1.0-20Km/h , Reverse 2.5Km/h	Specify	.....mm
f) Ground clearance approx....	200mm	.....mm
<b>3. ENGINE</b>		
a) Make	-	
b) Model	-	.....
c) Country of Origin	-	.....
d) Engine performance curves supplied	Yes	.....(Y/N)
e) Engine type Diesel , 4 stroke	Specify	.....
f) Engine cooling system	Specify	.....
g) Engine capacity approx...	500cc	.....cc

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
h) Maximum power output/ rpm, approx...	5-7KW/2200rpm	.....KW
i) Air filter, disposable/oil bath	Specify	.....
j) Oil and fuel filter type	Disposable	.....
k) Fuel consumption (on full load)	Specify	.....Km/l
l) Fuel tank capacity, approx	Specify	.....Lt
<b>4. OTHER ACCESSORIES</b>		
<b>4 i) ROTORVATOR</b>		
a) Make	-	
b) Model	-	
c) Country of Origin	-	
d) Working weight with rotovator	350Kg	.....Kg
e) Working width rotovator	660mm	.....mm
f) Number of tilling blades approx	16	
g) Turning speed of rototilling shaft	180-300 rpm	.....rpm
<b>4 ii) SINGLE PLOW</b>		
a) Make		
b) Model		
c) Country of Origin		
d) Dimensions, approx....	Specify	.....mm
e) Weight approx.....	Specify	.....mm
<b>4. iii) TRAILER</b>		
a) Make		
b) Model		
c) Country of Origin		
d) Dimensions approx.....		
e) Carrying capacity approx.....	Specify	.....
<b>5. ACCESORIES</b>		
a) Manufacturers complete tools kit supplied	Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Yes	.....(Y/N)
<b>6. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Operation manuals supplied	Yes (Mandatory)	.....(Y/N)
c) Repair manuals/CDs supplied	Specify which available (Mandatory)	.....(Y/N)
d) Parts catalogue/CDs supplied		
<b>6. WARRANTY</b>		
a) Each tractor /implement supplied should carry a statement of warranty	Yes (Mandatory)	.....(Y/N)
b) Tractor/implement warranty, min 12 Months/2000hrs	Yes	.....(Y/N)
c) Warranty period, min.	Specify	.....Months/Hours
<b>7. OTHER REQUIREMENTS</b>		
a) The Chief Mechanical and Transport Engineer will Inspect the Tractor/Implement machine prior to delivery to the user.	Yes	.....(Y/N)
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....

## 25. ASPHALT CONCRETE ROAD CUTTER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production, asphalt/concrete cutter and road mark remover of latest design, in current production	Yes Yes, Yes,	.....(Y/N)
b) Supplied new	Yes	.....(Y/N)
c) Capable of operating in tropical conditions	Yes	.....(Y/N)
d) Suitable for cutting asphalt/concrete strip on road and removing road marks, cold plastic, adhesive tape etc.	Yes	.....(Y/N)
e) Machine to have gripping handle for easy manoeuvrability	Yes (Mandatory)	.....(Y/N)
f) Machine to have a suitable mechanism for remote adjusting of cutting and removing depth	Yes	.....(Y/N)
g) Any items not included in this specification but which are deemed necessary for efficient or improved of the equipment shall be included in the tender	Yes	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>		
a) Overall length, approx.....	1,350mm	.....mm

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Overall width, approx...	1,200mm	.....mm
c) Overall height, approx....	1,100mm	.....mm
d) Operating weight, approx....	270 Kg	.....Kg
<b>3. ENGINE</b>		
a) Make	-	
b) Model	-	.....
c) Country of Origin	-	.....
d) Diesel Engine	Specify	.....(Y/N)
e) Water/Air cooled	Specify	.....
f) No. of cylinders	Specify	.....No.
g) Rated power output (HP/rpm), approx...	9HP/2500	.....HP/rpm
h) Starting Mechanism	Specify	.....
i) Air cleaner type replaceable or oil bath	Specify	.....
j) Oil and fuel filter type	Disposable	.....
k) Fuel tank capacity, approx...	Lt	.....Lt
l) Engine performance curves supplied	Yes	.....(Y/N)
<b>4. EQUIPMENT OPERATION</b>		
a) Asphalt/concrete cutting and blade	Yes	.....(Y/N)
b) Blade material	Specify	.....
c) Removal width, approx....	300mm,, adjustable	.....mm
d) Automatic adjustment of cutting depth	Yes	.....(Y/N)
e) Blade guard provided	Yes	.....(Y/N)
f) Maximum cutting depth, approx...	8-10 mm	.....mm
g) Cooling/Ventilation mechanism	Specify	.....
h) To supply different shapes of blades for different surfaces	Yes	.....(Y/N)
i) Special blade for concave/convex	Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
j) Engraving	Yes	.....(Y/N)
k) With a special abrasion resistant modified rubber wheel	Specify	.....
<b>5. WARRANTY</b>		
a) Equipment supplied to be covered by manufacturer's warranty	Yes (Mandatory)	.....(Y/N)
b) Warranty duration	Two (2years)	.....(Y/N)
<b>6. MANUALS AND EQUIPMENT</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Operation Hand book supplied	Yes 1 set per machine (Mandatory)	.....(Y/N)
c) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)
d) Parts catalogue and microfiche, supplied	One per machine (Mandatory)	.....(Y/N)
e) Repair tool kit supplied	One per machine (Mandatory)	.....(Y/N)
f) Any other equipment	One per machine (Mandatory)	.....(Y/N)
<b>7. OTHER REQUIREMENTS</b>		
a) The Chief Mechanical and Transport Engineer will inspect the equipment machine prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the	Specify	..... .....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Workshops facilities.		..... ..... .....
f) Training /Demonstration of machine operation to be undertaken by the supplier	Indicate training duration	..... ..... ..... .....

**26. MOBILE DOUBLE CYLINDER PRE-HEATER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production, mobile, hydraulic, double cylinder pre heater, of latest design, in current production, marketed in Kenya	Yes, Yes, Yes	.....(Y/N)
b) Supplied new	Yes, Yes	.....(Y/N)
c) Designed to export specifications , capable of operating in tropical conditions	Yes, Yes	.....(Y/N)
d) Suitable for melting/pre heating road construction materials	Yes	.....(Y/N)
e) Towable by medium size vehicle , truck or tractor	Yes (Mandatory)	.....(Y/N)
f) Any items not included in this specification but which are deemed necessary for efficient or improved of the equipment shall be included in the tender	Yes	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>		
a) Overall length, approx.....	4,500mm	.....mm
b) Overall width, approx...	2,000mm	.....mm

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c) Overall height, approx....	2,200mm	.....mm
d) Weight, approx....	2000 Kg	.....Kg
<b>3. CONSTRUCTION &amp; PERFORMANCE</b>		
a) Fitted on a heavy duty draw bar trailer/ frame of welded steel construction	Yes	.....(Y/N)
b) With double cylinder pre heaters of suitable construction and fitted with burners	Yes Specify capacity of each preheater tanks/ burners	.....
c) Fuel type	Liquefied gas	.....(Y/N)
d) Fitted with suitable exhaust, unloading chutes and loading system	Yes Specify type	.....(Y/N)
e) Cylinders made of special/ heat resistant material	Specify material	.....
f) System complete and fitted with the necessary pressure, safety gauges, nozzles, temperature measuring, devices, tanks, piping etc.	Yes Specify	.....(Y/N)
g) Fitted with brakes	Pneumatic/hydraulic	.....
h) Fitted with flashlights	Yes	.....(Y/N)
i) Tyres pneumatic 2 No. front & 2No. rear	Specify type size No. of each	.....
j) With a suitable stirring mechanism	Hydraulic	.....(Y/N)
k) Trailer to have a suitable door with Hinges/Locks	Yes	.....(Y/N)
l) Suitable towing eye/hook fitted	Yes	.....(Y/N)
<b>4. ACCESSORIES ETC</b>		
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the equipment	Specify	.....(Y/N)
c) Any other equipment that manufacturers deems necessary for optimum efficiency of the equipment	Specify	.....(Y/N)
<b>5. WARRANTY</b>		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)
b) Each equipment to carry manufacturer's statement of warranty	Yes	.....(Y/N)
c) Equipment warranty, min.	Specify	.....Years
d) Warranty against corrosion, min	Specify	.....Years
<b>6. MANUALS</b>		
a) All literature in English language	Yes	.....(Y/N)
b) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	One per machine (Mandatory)	.....(Y/N)
d) Operator's handbook and service schedule supplied	One per machine (Mandatory)	.....(Y/N)
<b>7. OTHER REQUIREMENTS</b>		
a) The Chief Mechanical and Transport Engineer will inspect the equipment machine prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....

**27. SINGLE CYLINDER PRE-HEATER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production, mobile, hydraulic, single cylinder pre heater, of latest design, in current production, marketed in Kenya	Yes, Yes, Yes	.....(Y/N)
b) Supplied new	Yes, Yes	.....(Y/N)
c) Designed to export specifications , capable of operating in tropical conditions	Yes, Yes	.....(Y/N)
d) Suitable for melting/pre heating road construction materials	Yes	.....(Y/N)
e) Any items not included in this specification but which are deemed necessary for efficient or improved of the equipment shall be included in the tender	Yes	.....(Y/N)
<b>2. DIMENSIONS AND WEIGHTS</b>		
a) Overall length, approx.....	4,500mm	.....mm
b) Overall width, approx...	2,000mm	.....mm
c) Overall height, approx....	2,200mm	.....mm
d) Weight, approx....	2000 Kg	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
		.....Kg
<b>3. CONSTRUCTION &amp; PERFORMANCE</b>		
a) Fitted on a medium duty draw frame of welded steel construction	Yes	.....(Y/N)
b) With single cylinder pre heaters of suitable construction and fitted with burners	Yes Specify capacity of each preheater tanks/ burners	.....
c) Fuel type	Liquefied gas	.....(Y/N)
d) Fitted with suitable exhaust, unloading chutes and loading system	Yes Specify type	.....(Y/N)
e) Cylinders made of special/ heat resistant material	Specify material	.....
f) System complete and fitted with the necessary pressure, safety gauges, nozzles, temperature measuring, devices, tanks, piping etc.	Yes Specify	.....(Y/N)
g) With a suitable stirring mechanism	Hydraulic	.....(Y/N)
<b>4. ACCESSORIES ETC</b>		
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the equipment	Specify	.....(Y/N)
c) Any other equipment that manufacturers deems necessary for optimum efficiency of the equipment	Specify	.....(Y/N)
<b>5. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)
b) Each equipment to carry manufacturer's statement of warranty	Yes	.....(Y/N)
c) Equipment warranty, min.	Specify	..... Years
d) Warranty against corrosion, min	Specify	..... Years
<b>6. MANUALS</b>		
a) All literature in English language	Yes	.....(Y/N)
	One per machine	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Repair manual supplied	(Mandatory)	.....(Y/N)
c) Parts catalogue supplied	One per machine (Mandatory)	.....(Y/N)
d) Operator's handbook and service schedule supplied	One per machine (Mandatory)	.....(Y/N)
<b>7. OTHER REQUIREMENTS</b>		
a) The Chief Mechanical and Transport Engineer will inspect the equipment machine prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....

**28. 3 POINT ATTACHMENT (TOWED) SOIL STABILIZER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)
Detailed system layout to be submitted when tendering and letter of authorisation from the manufacturer in original form	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production, three point attachment soil stabilizer of latest design, in current production, marketed in Kenya	Yes (Mandatory)	.....(Y/N)
b) Supplied new	Yes	.....(Y/N)
c) Designed to export specifications , capable of operating in tropical conditions	Yes	.....(Y/N)
d) Suitable for mixing all kinds of unbound materials at a high rate of efficiency i.e clays, silt, sand, cement etc	Yes (Mandatory)	.....(Y/N)
e) Capable of homogeneous mixing for small and large working depths	Yes (Mandatory)	.....(Y/N)
f) Fitted with three point tractor linkages	Yes (Mandatory)	.....(Y/N)
g) To be fitted to any standard tractor with engine power 70HPmin. Through the P.T.O	Yes (Mandatory)	.....(Y/N)
<b>2. DIMENSIONS</b>		
a) Overall body length, approx.....	3,000mm	.....mm

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Overall width, approx.....	2,000mm	.....mm
c) Overall height, approx.....	1,000mm	.....mm
d) Gross weight, approx.....	Specify	.....Kg
<b>3. CONSTRUCTION AND PERFORMANCE</b>		
a) Fitted with suitable stabilization and P.T.O driven rotor	Yes (Mandatory) Specify	.....(Y/N)
b) Fitted with suitable hard wearing teeth or spikes 40No.Size 22mm min	Yes (Mandatory) Specify No. and size	.....(Y/N)
c) Special rotor and tooth positioning to obtain homogeneous high quality mixing both vertically and horizontally	Yes (Mandatory) Specify	.....(Y/N)
d) With 2 drives i.e One double chain per side in oil bath and sealed casing	Specify drive type	.....
e) Fitted with a suitable 2 friction torque limiters (distributors) 1 per side	Yes (Mandatory) Specify	.....(Y/N)
f) Equipped with a suitable cover divider system so as to vary mixing volume independently of the working depth	Yes (Mandatory) Specify	.....(Y/N)
g) Fitted a suitable hydraulically opening rear door	Yes (Mandatory) Specify	.....(Y/N)
h) Made of heavy gauge steel and properly shaped	Specify	.....(Y/N)
<b>4. OTHER EQUIPMENT</b>		
a) Greasing cups/fittings with good access provided on machine	Yes	..... (Y/N)
b) Fully enclosed drive lines	Yes	.....(Y/N)
c) Manufacturers tool kit provided	Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Towing hitch, of alloy steel should be capable of carrying up to 3 tons vertical load of trailer	Yes, Specify load	.....
e) Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	.....(Y/N)
f) Towing Hook to be compatible with that for 30-80HP agricultural tractor	Yes	.....(Y/N)
<b>5. EQUIPMENT (ACCESSORIES) ETC</b>		
List , if any of optional equipment	Specify	..... ..... .....
<b>6. WARRANTY</b>		
a) Each equipment should carry a statement of warranty when tendering	Yes (Mandatory)	.....(Y/N)
b) Equipment warranty, min. 12 months	Specify	.....months
<b>7. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Maintenance and service manual supplied	Yes (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	Yes (Mandatory)	.....(Y/N)
d) Operator's instruction handbook supplied	Yes (Mandatory)	.....(Y/N)
<b>8. OTHER REQUIREMENTS</b>		
a) Equipment to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications prior to delivery to user	Yes (Mandatory)	.....(Y/N)
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)
c) Supplying firm to offer training on trouble shooting and	Yes (Mandatory)	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
maintenance of the equipment		
d) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... .....

**29. REFUSE COLLECTION COMPACTOR TRUCK, 12M CUBED**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production, 4X2 , 8ton payload, 12m <sup>3</sup> refuse collection compactor truck of latest design, in current production, marketed in Kenya	Yes (Mandatory)	.....(Y/N)
b) Supplied new	Yes	.....(Y/N)
c) Designed to heavy duty specifications , capable of operating in tropical conditions over paved and unpaved roads	Yes, Yes, Yes	.....(Y/N)
d) Suitable for collecting, compacting and transporting	Yes (Mandatory)	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
refuse		
e) Control Forward/Normal	Yes	.....(Y/N)
<b>2. DIMENSIONS AND WEIGHTS</b>		
a) Overall length, approx.....	7,500mm	.....mm
b) Overall width, approx.....	2,300mm	.....mm
c) Overall height, approx.....	3,400mm	.....mm
d) Wheelbase, approx.....	4,500mm	.....mm
e) Length of chassis aft of cab approx....	4,500mm	.....mm
f) Kerb weight (excluding body), approx....	4,500Kg	.....Kg
g) G.V.W approx....	18,000Kg	.....Kg
h) Payload approx.....	8,000Kg	.....Kg
i) Permissible/legal front (steering) axle load, max.	8,000Kg	.....Kg
j) Permissible/legal rear (for dual wheels) axle load, max.	10,000Kg	.....Kg
k) Rear overhang approx.....	1,200mm	.....mm
<b>3. ENGINE</b>		
a) Make	-	
b) Model	-	
c) Country of origin	-	
d) Engine performance curves supplied	Yes	.....(Y/N)
e) Diesel engine, Water cooled, 4 stroke	Yes, Yes, Yes	.....(Y/N)
f) Mode of aspiration (Natural/Turbocharged)	Specify	.....
g) Piston displacement, approx....	5,000-10,000cc	.....cc
h) Maximum power output/rpm min.	200HP/2600rpm	.....HP/rpm
i) Maximum torque developed /rpm min.	600Nm/1600rpm	.....Nm/rpm
j) Air cleaner type, disposal/oil bath	Specify	.....
k) Oil and fuel filter type	Disposable	.....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
l) Average fuel consumption (on full load)	Specify	.....
m) Fuel tank capacity, approx...	200Lt	.....Lt
n) Extra fuel tank fitted	Yes	.....(Y/N)
capacity	Specify	.....Lt
<b>4. CLUTCH AND TRANSMISSION</b>		
a) Clutch, dry type, single plate	Yes, Yes	..... (Y/N)
b) Clutch , system actuation, Hydraulic	Yes	.....(Y/N)
c) Gearbox, synchromesh	Yes	.....(Y/N)
d) Number of speeds, min.	5F, 1R	.....F/.....R
e) Drive configuration	4 x 2	..... x.....
<b>5. BRAKE, TYRE AND SUSPENSION</b>		
a) Brake, hydraulic-pneumatic assisted	Yes	.....(Y/N)
b) Mechanical parking brake to act on transmission	Yes	.....(Y/N)
c) Rear tyres	Dual	.....
d) Tyres size locally available	Yes	.....(Y/N)
e) Optimum tyre size	Specify	.....
f) Suspension front and rear heavy-duty leaf springs with telescopic shock absorbers at front	Yes, Yes	.....(Y/N)
<b>6. STEERING, CONTROL AND CAB</b>		
a) Right hand drive steering	Yes	.....(Y/N)
b) Steering type, Manual/assisted	Assisted	.....
c) All steel, spacious Cab to seat 3 passengers comfortably	Yes, Yes	.....(Y/N)
d) Adjustable driver's seat	Yes	.....(Y/N)
e) Seat belts to conform to KEBS 06-664:1985 STANDARD	Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
<b>7. ELECTRICAL SYSTEM AND INSTRUMENTS</b>		
a) System voltage, negative earth	24 V, Yes	.....(Y/N)
b) Battery capacity and size	Specify	.....AH
c) Full lighting to conform to Kenya Traffic Act Cap 403 Subs 23	Yes	.....(Y/N)
d) Standard instruments, gauges and warning lights for charging circuit, oil pressure, coolant temperature, etc	Yes	.....(Y/N)
<b>8. EQUIPMENT ETC.</b>		
a) Heavy duty type front fender	Yes	.....(Y/N)
b) Laminated (safety) windshield	Yes	.....(Y/N)
c) Sun visors supplied	Yes	.....(Y/N)
d) Rear view mirrors (external both sides and internal) supplied	Yes	.....(Y/N)
e) Full size spare tyre with rim and carrier mounted under truck	Yes	.....(Y/N)
f) Hydraulic (telescopic) jack, wheel brace and manufacturer's standard tools, supplied	Yes, Yes, Yes	.....(Y/N)
g) Any other equipment (or accessories) supplied	Specify	..... ..... .....
h) Vehicle to be fitted with electronic speed governor	Yes, Mandatory	.....(Y/N)
i) Governor to limit maximum speed to 80km/h	Yes, Mandatory	.....(Y/N)
j) Governor to be tamper proof	Yes, Mandatory	.....(Y/N)
<b>B. REFUSE COLLECTION COMPACTOR BODY</b>		
<b>9. BODY CONSTRUCTION</b>		
a) The requirement is for a fabricated 10-12m <sup>3</sup> capacity refuse collection compactor body type to be mounted on the cab/chassis	Yes (Mandatory)	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Designed to suit the given truck chassis with minimum capacity	Yes	.....(Y/N) .....m <sup>3</sup>
c) Standard manufacturer's shape	Yes	.....(Y/N)
d) Body dimensions aprox..... Length	4,000mm	.....mm
Width	2,200mm	.....mm
e) High tensile steel fabricated smooth sided full width refuse collection body	Yes	.....(Y/N)
f) Fitted with under floor sump to prevent liquid seepage and to allow clean discharge of any liquid content	Yes, Mandatory	.....(Y/N)
<b>10. HOPPER</b>		
a) Fitted with a suitable high tensile abrasion resistant steel hopper for loading/unloading refuse	Yes, Mandatory	.....(Y/N)
b) Swept volume capacity, min.	2.4 m <sup>3</sup>	.....m <sup>3</sup>
c) Full uncluttered loading width	1.8m	.....m
d) Low rail height for manual loading versatile bin lift mounting	Yes, Mandatory	.....(Y/N)
e) Bolt-on rail adaptor for bin lifts	Yes, Mandatory	.....(Y/N)
f) With pressed side plates forming integrated channels to guide the packing mechanism	Yes, Mandatory	.....(Y/N)
g) With integral full height body hopper seal to prevent liquid leakage from the bottom edge and hopper sides	Yes, Mandatory	.....(Y/N)
h) Reduced overhang for improved weight distribution and manoeuvrability	Yes, Mandatory	.....(Y/N)
<b>11. PACKING MECHANISM</b>		
a) Fitted with a suitable high tensile abrasion resistant steel packing mechanism	Yes,	.....(Y/N)
b) Slides within hopper channels on low friction self-lubricating bearings	Yes,	.....(Y/N)
c) With heavy duty packer and sweeper cylinders	Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Cycle time approx.....	20 seconds	.....seconds
<b>12. REFUSE EJECTION BARRIER</b>		
a) Fitted with a barrier face of suitable high tensile abrasion resistant steel forming a smooth and unobstructed discharge surface	Yes	.....(Y/N)
b) With suitable bearings for guiding the barrier along rails within the body	Yes	.....(Y/N)
c) With multistage double acting hydraulic cylinder for efficient ejection and retraction	Yes	.....(Y/N)
<b>13. HYDRAULIC SYSTEM</b>		
a) Fitted with a barrier face of suitable hydraulic system with P.T.O mounted close coupled pump, delivery rate 88L/min at 1000 rpm	Yes	.....(Y/N)
b) Body mounted tank with remote pressure fill with return line filler	Yes	.....(Y/N)
c) Engine speed is maintained by electronic throttle control system when hydraulic power consumption increases	Specify	.....
d) Separate spool electro-pneumatic operated valves control all systems functions	Specify	.....
e) With heavy duty inverted sweeping cylinders fitted with maintenance free spherical bearings	Specify	.....
f) With heavy duty inverted packing cylinders mounted outside the hopper, clear of the loading area	Specify	.....
g) With roof mounted hopper lift cylinders	Specify	.....
<b>14. ELECTRICAL AND ACCESSORIES</b>		
a) Printed circuit board located in cab for easy access and maintenance	Yes	.....(Y/N)
b) Fully integrated system logic, fully water	Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
proofed side mounted junction box contained within a locker		
c) Colour coded wiring	Yes	.....(Y/N)
d) Weather proof switch, plug, socket connectors	Yes	.....(Y/N)
e) With interlocks i.e Automatic body/hopper to prevent mechanisms from working unless the hopper is fully lowered/ automatic gear box, load holding valves, operation indicator and high level rear lights etc. to enhance safety	Specify	.....
<b>15. WARRANTY</b>		
a) Specimen of truck warranty to be submitted when tendering	Yes	.....(Y/N)
b) Each truck supplied to carry a statement of warranty	Yes (Mandatory)	.....(Y/N)
c) Warranty duration min, 12 Months or 40,000Km whichever occurs first	Specify	.....Km .....Months
<b>16. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Maintenance and service manual supplied	Yes (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	Yes, 1 per equipment (Mandatory)	.....(Y/N)
d) Operator's instruction handbook supplied	1 per equipment (Mandatory)	.....(Y/N)
e) Shop manuals/CD supplied	1 per equipment (Mandatory)	.....(Y/N)
f) Driver's handbook and service schedule supplied	1 per equipment (Mandatory)	.....(Y/N)
<b>17. OTHER REQUIREMENTS</b>		
a) Truck to be registered with the Register of Motor Vehicles	Yes	.....(Y/N)
b) Truck to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications throughout the construction stages prior to delivery to user	Yes (Mandatory)	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)
d) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... .....

**30. HEAVY DUTY DISC HARROW (20-DISC HARROW)**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production, heavy duty disc harrow, made in conformity with the current agriculture conditions, latest design, in current production	Yes (Mandatory)	.....(Y/N)
b) Supplied new	Yes	.....(Y/N)
c) Designed to export specifications , capable of Operating in tropical soils and conditions. Hitch designed to meet large field requirements	Yes, Yes, Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Suitable for use with a 60-100HP range of agricultural tractors and hydraulically operated from the P.T.O point	Yes (Mandatory)	.....(Y/N)
e) Scalloped or plain set in adjustable offset gangs with self-aligning triple ply sealed integrated ball bearings and with disc scrapers	Yes	.....(Y/N)
<b>2. DIMENSIONS AND WEIGHTS</b>		
a) Total length, approx.....	2,200mm	.....mm
b) Total width, approx.....	2,000mm	.....mm
c) Total height, approx.....	1,400mm	.....mm
d) Working depth approx.....	300mm	.....mm
e) Working width, approx...	1,800mm	.....mm
f) Space between discs, approx....	180mm	.....mm
g) Diameter od disc, approx	450mm	.....mm
h) Number of notched discs minimum	20 No.	.....No.
<b>3. EQUIPMENT (ACCESSORIES) ETC.</b>		
a) Manufacturer's complete tools kit supplied	Yes-	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	.....
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	.....
<b>4. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)
b) Each equipment and implements supplied to carry a statement of warranty	Yes (Mandatory)	.....(Y/N)
c) Implement warranty	Specify	.....Years
d) Warranty against corrosion	Specify	.....Years

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
<b>5. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Repair manual supplied	Yes, 1 per implement (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	Yes, 1 per implement (Mandatory)	.....(Y/N)
d) Operator's handbook and service schedule supplied	1 per implement (Mandatory)	.....(Y/N)
<b>6. OTHER REQUIREMENT</b>		
a) Truck to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications prior to delivery to user	Yes (Mandatory)	.....(Y/N)
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)
c) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....
d) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....

**31. LATERAL BOOM SPRAYER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production, lateral boom sprayer, made in conformity with the current agriculture conditions, latest design, in current production	Yes (Mandatory)	.....(Y/N)
b) Supplied new	Yes	.....(Y/N)
c) Designed to export specifications , capable of Operating in tropical soils and conditions. Designed to meet large field requirements	Yes, Yes, Yes	.....(Y/N)
d) Suitable for use with a 40-80HP range of agricultural tractors and hydraulically operated from the tractor P.T.O point	Yes (Mandatory)	.....(Y/N)
e) Tractor mounted type	Yes	.....(Y/N)
f) Suitable for spraying and disturbing herbicides/agrochemicals	Yes	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS AND PERFORMANCE</b>		
a) Tubular section in stainless steel lateral boom, foldable	Yes Mechanically/Hydraulically driven	.....(Y/N)
b) Nozzles made of hard wearing material-brass, ceramic etc	Specify nozzle material and No.	.....
c) Fitted with a pesticide/agrochemicals resistant tank with baffle plates	Yes	.....(Y/N)
d) Fitted with a suitable agitator	Yes Mechanical/Hydraulic	.....(Y/N)
e) Fitted with pump, suitable pressure regulator and gauges	Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
f) Fitted with a suitable filter	Yes	.....(Y/N)
g) Delivery rate	50lts/min	.....lts/min
h) Max. pressure, approx	15bar	.....bar
i) Approx.... weight of machine	250kg	.....kg
j) Tank capacity range	600-1000lt	.....lt
k) Total height of the machine	500-1500mm	.....mm
l) Total length approx.....	1200mm	.....mm
m) Total width approx....	1,000mm	.....mm
<b>3. EQUIPMENT (ACCESSORIES) ETC.</b>		
a) Manufacturer's complete tools kit supplied	Yes-	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the boom sprayer	Specify	.....
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the boom sprayer	Specify	.....
<b>4. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)
b) Each sprayer to carry a manufacturer's statement of warranty	Yes (Mandatory)	.....(Y/N)
c) Sprayer warranty, min.	1 year	.....Year
<b>5. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Repair manual supplied	Yes, 1 per machine (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	Yes, 1 per machine (Mandatory)	.....(Y/N)
d) Operator's handbook and service schedule supplied	1 per machine (Mandatory)	.....(Y/N)
<b>6. OTHER REQUIREMENT</b>		
a) Sprayer to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the	Yes (Mandatory)	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Technical specifications prior to delivery to user		
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)
c) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....
d) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....

**32. FORAGE HARVESTER/CHOPPER, TWO ROWS**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production forage chopper, two rows latest design, in current production, marketed in Kenya	Yes (Mandatory)	.....(Y/N)
b) Supplied new, unused	Yes	.....(Y/N)
c) Designed to export specifications , capable of Operating in tropical conditions.	Yes, Yes, Yes	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Suitable for cutting hay for animals from fodder crops, green maize and stalks, napier grass etc. for silage making	Yes	.....(Y/N)
e) P.T.O driven by an agricultural of 60-90HP	Yes, Yes Specify	.....(Y/N)
f) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be fitted/supplied	Yes	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS AND PERFORMANCE</b>		
a) Power requirement	2-4Kw	.....(Y/N)
b) Rotational speed	700-1000rpm	.....rpm
c) Two rows	Yes (Mandatory)	.....(Y/N)
d) Dimensions		
<b>3. EQUIPMENT (ACCESSORIES) ETC.</b>		
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the Equipment	Specify	.....
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the boom sprayer	Specify	.....
<b>4. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)
b) Each equipment to carry a manufacturer's statement of warranty	Yes (Mandatory)	.....(Y/N)
c) Equipment warranty, min.	1 Year	.....Year
<b>5. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
b) Repair manual supplied	Yes, 1 per machine (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	Yes, 1 per machine (Mandatory)	.....(Y/N)
d) Operator's handbook and service schedule supplied	1 per machine (Mandatory)	.....(Y/N)
<b>6. OTHER REQUIREMENT</b>		
a) Equipment to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications prior to delivery to user	Yes (Mandatory)	.....(Y/N)
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)
c) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....
d) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....

### **33. CHISEL PLOUGH**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and	Yes	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Specifications Supplied along with this tender and in original form	(Mandatory)	.....(Y/N)
<b>1. GENERAL</b>		
a) A standard production chisel plough, made in conformity with the current agriculture conditions, Latest design, in current production.	Yes (Mandatory)	.....(Y/N)
b) Supplied new	Yes	.....(Y/N)
c) Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet medium field requirements	Yes, Yes,	.....(Y/N)
d) Suitable for use with a specific range of agricultural tractors and operated from the P.T.O point	Yes	.....(Y/N)
e) Strong main frame with bolted alloy steel legs to get most convenient penetration angle for efficiency. Reversible tines especially treated for strength and anti-corrosion	Yes	.....(Y/N)
<b>2. DIMENSIONS, WEIGHTS AND PERFORMANCE</b>		
a) Number of times , min	7	.....
b) Distance between beams, approx....	3,000 mm	.....mm
c) Working width, approx.....	2,100mm	.....mm
d) Working depth, approx....	450mm	.....mm
e) Ground clearance, approx.....	600mm	.....mm
f) Weight, approx.....	500kg	.....Kg
g) Power requirement	50-90HP	.....
<b>3. EQUIPMENT (ACCESSORIES) ETC.</b>		
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the Equipment	Specify	.....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the Chisel plough	Specify	.....
<b>4. WARRANTY</b>		
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)
b) Equipment to carry a manufacturer's statement of warranty	Yes (Mandatory)	.....(Y/N)
c) Equipment warranty, min.	1 Year	.....Years
d) Warranty against corrosion, min.	3 Years	.....Years
<b>5. MANUALS</b>		
a) All literature in English language	Yes (Mandatory)	.....(Y/N)
b) Repair manual supplied	Yes, 1 per chisel plough (Mandatory)	.....(Y/N)
c) Parts catalogue supplied	Yes, 1 per chisel plough (Mandatory)	.....(Y/N)
d) Operator's handbook and service schedule supplied	Yes, 1 per chisel plough (Mandatory)	.....(Y/N)
<b>6. OTHER REQUIREMENT</b>		
a) Equipment to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications prior to delivery to user	Yes (Mandatory)	.....(Y/N)
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)
c) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....
d) Names and address of dealers/agents where back-up service can be obtained indicating the location of the	Specify	..... .....

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Workshops facilities.		<p>.....</p> <p>.....</p> <p>.....</p>

34. **FRUIT PULPER (various fruits)**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)
a) Electric fruit pulper (various varieties) made of stainless steel with destoning capability	Yes	____(Y/N)
b) Supplied new.	Yes	____(Y/N)

**2. PERFORMANCE.**

Production Capacity (Output)	100-300 L/hr	.....L/hr
Operating mechanism	<ul style="list-style-type: none"> <li>Mounted on a heavy duty mild steel stand, the central pulping unit of the machine consists of a pair of brushes fixed on stainless steel shaft and one stainless steel sieve.</li> <li>The gap between the sieve and brushes can be adjusted to suit different types, sizes and qualities of product to be pulped. The sieve is available in perforations of different sizes and is easily removable for quick interchanging and cleaning.</li> </ul>	
Equipment body material	<ul style="list-style-type: none"> <li>All parts in contact with fruits be made from food grade stainless steel.</li> </ul>	
Minimum Motor size	2 hp	.....hp
Power rating	240V, 50Hz	.....

**3 ACCESSORIES**

a ) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b ) Comprehensive list of standard and specialized tools to be supplied with the machine.	<ul style="list-style-type: none"> <li>• Stainless steel gear pump</li> <li>• Stainless steel passer tank 100lt capacity</li> </ul>	 ____Y/N -----Y/N
c ) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---

35. **WATER BATH**

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER
MAKE		
MODEL		
COUNTRY OF ORIGIN		
a)WATER BATH with: STAINLESS STEEL TANK, PUMP CIRCULATION, TEMP UP TO 100C. AND ALCOHOL THERMOMETER.	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

## 2 PERFORMANCE.

	Production Capacity	20litre	.....litre
	Temperature	<ul style="list-style-type: none"> <li>• Range-Ambient +2°C to 100°C</li> <li>• Accuracy- ±0.1°C</li> <li>• Uniformity-±0.1°C</li> </ul>	
	Mechanism of operation	Reciprocating shaker at10 to 200 oscillations/min	
	Motor size (minimum)	2 hp	.....hp
	Power rating	240 V, 50 Hz	.....
<b>3</b>	<b>DIMENSIONS</b>		
a	Minimum Length	500 mm	.....mm
b	Minimum Working width	300 mm	.....mm
c	Minimum Height (Depth)	150 mm	.....mm

## 4 ACCESSORIES

a	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
---	--	-----	------------

b )	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	
c )	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
<b>OTHER REQUIREMENT</b>			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- --

36. **BATCH PASTEURISER**

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER
MAKE	-	_____(Y/N)
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Batch pasteuriser for milk, fruit pulp made from stainless steel ASI 304. PRODUCTION CAPACITY 300-400 Litres. Automated temperature control system with maximum temperature of 90oC.	Yes	_____ ------(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Construction material	Stainless steel	
b)	Capacity	300-400 litres	
c)	Operating mechanism	Uses electrical agitator and electric heating element.	
d)	Power consumption	18-20 kWh.	
e)	Power requirement	240V, 50Hz	
f)	Minimum electric motor size	1.5-2 hp	

**3 ACCESSORIES**

a ) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b ) Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	
c ) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- --

**37. WATER DISTILLER**

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER
MAKE	-	_____
MODEL	-	
COUNTRY OF ORIGIN	-	
a) WATER DISTILLER. 20LTRS/HOUR, STAINLESS STEEL.	Yes	__------(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Capacity	20 litres/Hour	_____(Y/N)
b)	Energy consumption	0.7 kWh/litre	_____(Y/N)
c)	Power rating	240V, 50Hz	_____(Y/N)
d)	Material of construction	Stainless steel	_____(Y/N)
<b>3. DIMENSIONS</b>			
a)	Minimum Length	500 - mm	_____(Y/N)
b)	Minimum Working width	350 mm	_____(Y/N)
c)	Minimum Height	800 mm	_____(Y/N)

#### 4 ACCESSORIES

a )	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b )	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	_____
c )	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

#### 38. HONEY EXTRACTOR

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Manual Honey Extractor made of stainless steel	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

#### 2. PERFORMANCE.

a)	Frames	3 frames	.....(Y/N)
b)	Support stands	3 stands	.....(Y/N)
<b>3. DIMENSIONS</b>			
a)	Diameter	350-400 mm	.....(Y/N)
b)	Height	600-650 mm	.....(Y/N)
c)	Total Height	1000-1100 mm	.....(Y/N)

### 3. ACCESSORIES

a) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine.	<ul style="list-style-type: none"> <li>• Settling tank (60 litres capacity)</li> <li>• Complete honey harvesting kit</li> </ul>	_____(Y/N) _____(Y/N)
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	

### 39. FOOD GRADE WORKING TABLE

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER
Make	-	
Model	-	
Country of Origin	-	
a) Stainless steel working table	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

### 2. DIMENSIONS

a)	Construction material	18 Gauge Stainless Steel Top	_____(Y/N)
b)	Structure	<ul style="list-style-type: none"> <li>• Galvanized Adjustable Under Shelf</li> <li>• Adjustable feet to compensate for uneven floor</li> <li>• Adjustable under shelf - great for storage</li> </ul>	_____(Y/N)
c)	Minimum Length	1800 mm	_____(Y/N)
d)	Minimum Working width	800 mm	_____(Y/N)
e)	Minimum Height	900 mm	_____(Y/N)
OTHER REQUIREMENT			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.		Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof		Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.		Specify	----- ----- -----specify

40. **BATCH TYPE WASHER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Electric Stainless steel washing machine for vegetables and fruits.	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**1. DIMENSIONS**

a)	Capacity	200 -500 kg/hr	_____(Y/N)
b)	Power requirement	1-2 hp	_____(Y/N)
c)	Power rating	240V, 50Hz	_____(Y/N)

**2 WARRANTY**

a )	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
b )	Warranty, minimum.	12 months	.....months
c )	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	
d )	Names and locations of dealers/agents where back-up service can be obtained.	Specify	

41. **PACKAGING MACHINE**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) A standard packaging machine suitable for filling, wrapping, labelling, laminating and sealing of powder and liquid products.	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

## 2. PERFORMANCE.

a	Production Capacity (Output)	30-80packets/minute	____(Y/N
b	Film width	120-380mm	____(Y/N
c	Bag length	50-280mm	____(Y/N
d	Bag width	50-180mm	____(Y/N
e	Diameter of film roll	Max.320mm	____(Y/N
f	Film thickness	0.04-0.07mm	____(Y/N
g	Minimum Motor size	2 Hp	____(Y/N
h	Power	240V, 50Hz	____(Y/N
<b>3.</b>	<b>DIMENSIONS</b>		____(Y/N
a)	Minimum Length	900	____(Y/N
b)	Minimum Working width	600	____(Y/N
c)	Minimum Height	1900	____(Y/N

## 4 ACCESSORIES

a	Manufacturer's standard tool kit supplied. )	Yes	____(Y/N
b	Comprehensive list of standard and specialized Tools to be supplied with the machine. )	Yes	____Y/N
c	Any other item that manufacturer deems ) necessary for optimum efficiency of the machine.	Specify	

## 42. MOTORISED CASSAVA CHIPPER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Motorized cassava chipper	Yes	____(Y/N
b) Supplied new.	Yes	____(Y/N

## 2. PERFORMANCE.

a)	Production Capacity (Output)	300-500kg/hr	____(Y/N
----	------------------------------	--------------	----------

b)	Material	Parts in contact with cassava are made of food grade stainless steel	_____(Y/N)
c)	Design requirements	<ul style="list-style-type: none"> <li>Should have inlet and outlet hoppers</li> <li>Should have support stands with minimum ground to machine clearance of 400mm</li> </ul>	_____(Y/N)
d)	Minimum power requirements	5-6 hp	_____(Y/N)

### 3 ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	

### 43. SEALING MACHINE

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Electric and portable sealing machine with an electric switch for ignition to seal plastic paper	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

### 2. PERFORMANCE.

a)	Production Capacity (Output)	20 pieces/Min	_____(Y/N)
<b>3. DIMENSIONS</b>			
a)	Length of heating zone	250-300 mm	_____(Y/N)

### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)

c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
a)	Weighing upto 150 kgs with an electronic digital dial and switch.	Yes	_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)

## 2. PERFORMANCE.

a)	Production Capacity (Output)	150kg	_____(Y/N)
b)	Material:	Stainless Steel	_____(Y/N)
c)	Accuracy:	50 g	_____(Y/N)
d)	Structure:	Electronic Platform	_____(Y/N)
e)	Display	LCD screen	_____(Y/N)
f)	Power dial charging system	240V, 50Hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Minimum weighing platform area	0.15 – 0.2 m <sup>2</sup>	_____(Y/N)

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	

## 44. DIGITAL WEIGHING MACHINE

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Weighing upto 150 kgs with an electronic digital dial and switch.	Yes	_____(Y/N)

b) Supplied new.	Yes	_____(Y/N)
------------------	-----	------------

## 2. PERFORMANCE.

g)	Production Capacity (Output)	150kg	_____(Y/N)
h)	Material:	Stainless Steel	_____(Y/N)
i)	Accuracy:	50 g	_____(Y/N)
j)	Structure:	Electronic Platform	_____(Y/N)
k)	Display	LCD screen	_____(Y/N)
l)	Power dial charging system	240V, 50Hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Minimum weighing platform area	0.15 – 0.2 m <sup>2</sup>	_____(Y/N)

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	

## 45. MOTORIZED ANIMAL FEED MIXER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Motorised animal feed mixer consisting of crushing and mixing units	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

## 2. PERFORMANCE.

a)	Production Capacity (Output)	Minimum of 500 kg/hr.	.....(Y/N)
b)	Type of machine	Batch type	.....(Y/N)

c)	Crushing Power	7.5kw	.....(Y/N)
d)	Mixing Power	3kw	.....(Y/N)
e)	Power rating	240V, 50 Hz	.....(Y/N)

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.		Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof		Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.		Specify	----- ----- -----specify----- -----

46. **MOTORIZED PELLETIZER MACHINE**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Motorized Pelletizer Machine	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Production Capacity (Output)	600-800kg/hr	_____(Y/N)
b)	Minimum motor size	7-15 hp	_____(Y/N)
c)	Minimum die diameter	250mm	_____(Y/N)
d)	Pellet size	2.5 – 8 mm diameter	_____(Y/N)

e)	Power	240V, 50Hz	_____(Y/N)
f)	Number of rollers	2 rollers	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Length	1200-1250 mm	_____(Y/N)
b)	Working width	500-550 mm	_____(Y/N)
c)	Height	1000-1100 mm	_____(Y/N)

#### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

#### 47. FLOUR MIXER/BLENDER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Flour Mixer/Blender - horizontal type, 3-hopper manually fed machine.	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

#### 2. PERFORMANCE.

a)	Production Capacity (Output)	300-500kg/hr	_____(Y/N)
b)	Power requirement	7-10 hp	_____(Y/N)

c)	Speed	12rpm	_____(Y/N)
d)	Mixing Time	6-10 min	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Length	2960-3386 mm	_____(Y/N)
b)	Width	1500-1900 mm	_____(Y/N)
c)	Height	2480-3560 mm	_____(Y/N)

#### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

### 48. FOOT SEALER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Sealing machine able to seal plastic paper with 300mm foot pedal actuator	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

#### 2. PERFORMANCE.

a)	Production Capacity (Output)	10-30 bags/min	_____(Y/N)
b)	Power requirements	2.5-3 hp	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Length	200-400 mm	_____(Y/N)
b)	Sealing width	5-20 mm	_____(Y/N)
d)	Sealing area (mm)	300-1000 mm	_____(Y/N)

#### 4. ACCESSORIES

a) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

#### **49. MOTORISED COCONUT DE-HUSKER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Motorised Coconut de-husker (various varieties) made of stainless steel with stoning capability	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

#### **2. PERFORMANCE.**

a)	Production Capacity (Output)	300-600pcs/hr	_____(Y/N)
b)	Power requirements	2-3 hp	_____(Y/N)
c)	Power	240 V/ 50 Hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Length	1000-1500 mm	_____(Y/N)
b)	Working width	500-1000 mm	_____(Y/N)
c)	Height	1000-1500 mm	_____(Y/N)

#### **4. ACCESSORIES**

a) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
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b) Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____ Y/N
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- --

**50. MOTORISED COCONUT GRATER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Electric Coconut grater (various varieties) made of food grade stainless steel with destoning capability	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Production Capacity (Output)	200-400kg/hr	_____(Y/N)
b)	Minimum Motor size	0.5-2 hp	_____(Y/N)
	Grating material	Food grade stainless steel with destoning capability	
c)	Power	240V, 50 Hz	_____(Y/N)

**3. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____ Y/N

c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____
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#### 4. WARRANTY

a) Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
b) Warranty, minimum.	12 months	.....months

#### 5. MANUALS

a) All literature in English Language	Yes	_____(Y/N)
b) Repair manual/CD supplied	One per machine	_____(Y/N)
c) Parts catalogue/CD supplied	One per machine	_____(Y/N)
d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

#### 6. OTHER REQUIREMENT

a) The Chief Mechanical and Transport Engineer will inspect Machine prior to delivery to the user.	Yes	_____(Y/N)
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	

### 51. MOTORISED COCONUT OIL EXPELLER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Motorised coconut oil expeller with filter powered by electric motor	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

#### 2. PERFORMANCE.

a)	Production Capacity (Output)	Minimum of 20 -25 l/hr	_____(Y/N)
	Operation mechanism	Screw type	_____(Y/N)

b)	Minimum Motor size	5- 8 hp	_____(Y/N)
c)	Power	240 V, 50Hz	_____(Y/N)

### 3. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- --

## 52. MOTORISED MULTI-PURPOSE GRAIN THRESHER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a)	Engine powered Multi-purpose Grain Thresher made of steel with inlet hopper (minimum outermost area of 600mm by 300mm) & outlet chute and winnowing system.	Yes _____(Y/N)
b)	Supplied new.	Yes _____(Y/N)

### 2. PERFORMANCE.

a)	Production Capacity (Output)	350 – 450 kg/hr	_____(Y/N)
b)	Threshing and cleaning mechanisms	<ul style="list-style-type: none"> <li>Threshing is achieved through rubbing and impact action of beater studs against grain in enclosed drum</li> </ul>	_____(Y/N)

		<ul style="list-style-type: none"> <li>Has a blower system and shaker mechanism for cleaning</li> </ul>	
c)	Sieves	4-5 sizes for pulses, cereals and oil seeds	_____(Y/N)
d)	Transport	Attached with pneumatic wheels for easy transportation	_____(Y/N)
e)	Power requirement	8-13 hp	_____(Y/N)
f)	Engine cooling system	Specify	
g)	Engine capacity (minimum)	418cc	_____(Y/N)

### 3. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

## 53. MOTORISED MULTI-PURPOSE GRAIN GRADER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Motorised multi-purpose Grader made of stainless steel. Automated system	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

### 2. PERFORMANCE.

	Production Capacity (Output)	300-500 kg/hr based on green grams	_____(Y/N)
	Grading system	No. of Screen: Three Screen Inclination : Fixed Screen Perforation	_____(Y/N)

	Bagging	<ul style="list-style-type: none"> <li>Provision of Bag holders at bagging off height &amp; belt guard</li> </ul>	
	Power requirement	2-5 Hp	_____(Y/N)
	Power	240 V, 50Hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Minimum Length	300 mm	_____(Y/N)
b)	Minimum Working width	200 mm	_____(Y/N)
c)	Minimum Height	250 mm	_____(Y/N)

#### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

#### 54. MOTORISED CASHEW NUT DECORTICATOR

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Motorised cashew nut Decorticator. Automated system	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

#### 2. PERFORMANCE.

a)	Production Capacity (Output)	300-600 kg/hr	____(Y/N)
b)	Automation Grade      Automatic	Semi-Automatic	____(Y/N)
c)	Material	<ul style="list-style-type: none"> <li>Parts in contact with food: Food grade Stainless Steel</li> <li>Surface Treatment: Galvanized</li> </ul>	____(Y/N)
d)	Motor size	2 - 5hp	____(Y/N)
e)	Power	240 V, 50Hz	____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Minimum volume	2.8 cubic metres	____(Y/N)

#### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

### 55. SCREW-PRESS PALM OIL EXTRACTOR

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a)	A standard spiral oil press, made of stainless steel	Yes ____(Y/N)
b)	Supplied new.	Yes ____(Y/N)

#### 2. PERFORMANCE.

a)	Production Capacity (Output)	20-50 Kg/hr	_____(Y/N)
b)	Operating mechanism	Screw/spiral type	_____(Y/N)
c)	Power requirement	5-8Hp	_____(Y/N)
d)	Power	240V, 50 Hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Minimum Length	600 mm	_____(Y/N)
b)	Minimum Working width	300 mm	_____(Y/N)
c)	Minimum Height	500 mm	_____(Y/N)
d)	weight	100-200 kg	_____(Y/N)

#### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

#### 56. ROW CROP SILAGE CHOPPER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) One Row crop silage chopper with a swinging chute	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Production Capacity (Output)	8 - 10tn/hr	_____(Y/N)
b)	Power requirement	>15Hp	_____(Y/N)
c)	Power	Tractor PTO powered	_____(Y/N)
d)	Revolutions per minute	540 rpm	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Length	1500 mm	_____(Y/N)
b)	Working width	1600 mm	_____(Y/N)
c)	Height	1200 mm	_____(Y/N)

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

**57. Digital Moisture Meter**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Grain moisture measuring device with digital dial used for measuring cereals, pulses etc	Yes	_____(Y/N)

b)	Supplied new.	Yes	_____(Y/N)
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**2. PERFORMANCE.**

a)	Range of moisture measurement	0-40% mc	_____(Y/N)
b)	Sample loading	<ul style="list-style-type: none"> <li>• manual with the use of a special dispenser</li> <li>• Sample volume:10 ml</li> </ul>	_____(Y/N)
c)	Moisture measurement method	Resistance method	_____(Y/N)
d)	Power supply	1 battery 6LF-22, 9 V	_____(Y/N)
e)	Display	LCD, LED back lit, diagonal 2"	_____(Y/N)
f)	Accuracy of temperature measurement	±0.5°C / ±0.9°F	_____(Y/N)
g)	Accuracy of moisture measurement	±0.5% for standard grain,	_____(Y/N)
h)	Charging Power	240v, 50 Hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Unit weight	500-1500 g	_____(Y/N)

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.		Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof		Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.		Specify	----- ----- -----specify----- -----

**58. METAL SILO**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
	-	

MODEL		
COUNTRY OF ORIGIN	-	
a) Metallic silo - 1.2mm thickness with a capacity of 25bags, with a Diameter 1503mm, Height 2200mm	Yes	____(Y/N)
b) Supplied new.	Yes	____(Y/N)

**2. PERFORMANCE.**

a)	Storage Capacity (Output)	25 bags	____(Y/N)
b)	Loading and off-loading	Provided with inlet and outlet chutes	____(Y/N)
c)	Material	Aluminium	____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Length	1503 mm	____(Y/N)
b)	Thickness	1.2-2 mm	____(Y/N)
c)	Height	2200-2500 mm	____(Y/N)
d)	Diameter	1200-1500 mm	____(Y/N)

**59. SWEET POTATO CHIPPER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) A standard electric machine potato chipper with an inlet hopper made of stainless steel. 8 mm Knife block safety interlock	Yes	____(Y/N)
b) Supplied new.	Yes	____(Y/N)

**2. PERFORMANCE.**

	Production Capacity (Output)	200-500kg/hr	____(Y/N)
	Dicing size	2-4cm	____(Y/N)
	Material	Parts in contact with food made of Food grade stainless steel	____(Y/N)
	Loading and off-loading	Provided with inlet and outlet hoppers	____(Y/N)
	Bagging	Provision of Bag holders at bagging off height & belt guard	____(Y/N)
	Power requirement	1-5 hp	____(Y/N)

Power	240v,50 Hz	_____(Y/N)
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### 3. ACCESSORIES

a) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

### 4. WARRANTY

a) Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
b) Warranty, minimum.	12 months	.....months

### 5. MANUALS

a) All literature in English Language	Yes	_____(Y/N)
b) Repair manual/CD supplied	One per machine	_____(Y/N)
c) Parts catalogue/CD supplied	One per machine	_____(Y/N)
d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

### 6. OTHER REQUIREMENT

a) The Chief Mechanical and Transport Engineer will inspect Machine prior to delivery to the user.	Yes	_____(Y/N)
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	

## **60. IRISH POTATO PEELER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	

a)	A standard potato peeler with an inlet hopper made of stainless steel	Yes	_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)

## 2. PERFORMANCE.

a)	Batch Capacity (Output)	10-15 kg	_____(Y/N)
b)	Material	Parts in contact with food made of Food grade stainless steel	_____(Y/N)
c)	Loading and off-loading	Provided with inlet and outlet hoppers	_____(Y/N)
d)	Power requirements	0.5-1.5 hp	_____(Y/N)
e)	Power	240v, 50 Hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
	Weight	40-100 kg	_____(Y/N)

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

## **61. ELECTRICAL / GAS COOKER WITH 13KG GAS CYLINDER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Standard Electric /Gas cooker with oven using 13kg gas cylinder, gloss enamel plated	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

## 2. PERFORMANCE.

a)	Production Capacity (Output)	2 gas burners, 2 electric	_____(Y/N)
b)	Source of gas	Supplied with 13 kg gas cylinder	_____(Y/N)
c)	Power	240v, 50 Hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Length	500-700 mm	_____(Y/N)
b)	Oven Working width	300-500 mm	_____(Y/N)
c)	Cooker Height	800-1000mm	_____(Y/N)

#### **4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	

### **62. CUP SEALER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Standard food packaging equipment able to seal food in plastic, aluminium cup and bottle. Made of food grade stainless steel	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

#### **2. PERFORMANCE.**

a)	Production Capacity (Output), minimum	200 cups/ hr	_____(Y/N)
b)	Power Consumption	100-400 watts	_____(Y/N)
c)	Power	240v, 50 Hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Minimum Length	400 mm	_____(Y/N)
b)	Minimum Working width	300 mm	_____(Y/N)

c)	Minimum Height	500 mm	_____(Y/N)
----	----------------	--------	------------

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

**63. DEEP FREEZER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Deep freezer with temperature control system, temperature range of -50 to -86°C able to store food	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Production Capacity (Output)	200-300 litres	_____(Y/N)
b)	Power requirements	1-2 hp	_____(Y/N)
c)	Power	240V, 50 Hz	_____(Y/N)

**3. DIMENSIONS**

a)	Minimum External dimensions (LxWxD)	500 x 600 x 800 mm	_____(Y/N)
b)	Minimum Internal dimensions (LxWxD)	400 x 500 x 700 mm	_____(Y/N)

**4. ACCESSORIES**

a) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	

**5. WARRANTY**

a) Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
b) Warranty, minimum.	12 months	.....months

**6. MANUALS**

a) All literature in English Language	Yes	_____(Y/N)
b) Repair manual/CD supplied	One per machine	_____(Y/N)
c) Parts catalogue/CD supplied	One per machine	_____(Y/N)
d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

**7. OTHER REQUIREMENT**

a) The Chief Mechanical and Transport Engineer will inspect Machine prior to delivery to the user.	Yes	_____(Y/N)
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	

**64. DOUGH MIXER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Standard dough mixer for demonstration purposes in food processing labs.	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Production Capacity (Output)	40 litres	_____(Y/N)
b)	Power requirements	3-5 hp	_____(Y/N)
c)	Power	240V,50 Hz	_____(Y/N)

**3. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

**65. MICROWAVE OIL EXTRACTOR**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Dimension: 7'' diameter 7'' height. Options: separator flask(1pcs), pipettes 1ml(10pcs), pipettes 3ml(10pcs), 0.5 drum vials (10pcs), ice core stand (6pcs), ice crew/ anchors with nub (60pcs) and 5'' white insulators (6pcs)	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Production Capacity (Output)	1-5 l/hr	_____(Y/N)
b)	Power requirements	10-15 hp	_____(Y/N)
c)	Speed	0-140 rpm	_____(Y/N)
d)	Power supply	240v/ 50hz	_____(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Minimum Length	450 mm	_____(Y/N)
b)	Minimum Working width	550 mm	_____(Y/N)
c)	Minimum Height	750 mm	_____(Y/N)

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	

## **66. SCREW PUMP EXTRUDER FOR PASTA PRODUCTS**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Complete with ITS stand frame. User: mix and mold flour in different shapes. Structure: scratch proof point. Bath and dough hook-stainless steel. Propeller alloy brass. Tanis capacity 1.5kg. Nozzle diameter 78mm	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

### **2. PERFORMANCE.**

a)	Production Capacity (Output)	15 – 20 kg/hr	_____(Y/N)
b)	Screw Length	350-600 mm	_____(Y/N)
c)	Screw Diameter	25-35 mm	_____(Y/N)
d)	Screw Speed	0-350 rpm	_____(Y/N)
e)	Power requirements	5-10 Hp	_____(Y/N)
f)	Power supply	240V/ 50Hz	_____(Y/N)

### **3. DIMENSIONS**

a)	Minimum Length	1000 mm	_____(Y/N)
b)	Minimum Working width	400 mm	_____(Y/N)
c)	Minimum Height	1200 mm	_____(Y/N)
d)	Weight	150-500 kg	_____(Y/N)

### **4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
----	--	-----	------------

b) Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____ Y/N
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	

## **67. MILK CREAM SEPARATOR**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Electric operated Milk cream separator	Yes	_____ (Y/N)
b) Supplied new.	Yes	_____ (Y/N)

### **2. PERFORMANCE.**

a)	Production Capacity (Output)	100-150 ltr/hr	_____ (Y/N)
b)	Power requirements	0.5-2hp	_____ (Y/N)
c)	Tank size	25 litres	_____ (Y/N)
d)	Number of discs	15-30	_____ (Y/N)
e)	Machine Body Material	Stainless steel	_____ (Y/N)
f)	Power supply	240v/ 50hz	_____ (Y/N)

### **3. ACCESSORIES**

a) Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____ Y/N
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____ (Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----

		-----specify----- -----
--	--	----------------------------

## **68. WALKING TRACTOR POTATO LIFTER**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	MAKE	Specify	_____
	MODEL	Specify	_____
	COUNTRY OF ORIGIN	Specify	_____
	MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)

### **1. GENERAL**

a)	A potato lifter, for use with a motorised walking tractor.	Yes	_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)

### **2. POTATO LIFTER**

a)	Matching walking tractors power	8-12 Hp	_____Hp
b)	Row spacing	550--800mm	----- mm
c)	Working depth	20mm.	----- No
d)	Working width	1000 mm	----- mm
e)	Overall dimension	1000×950×600 mm	----- mm
g)	Net weight	Specify	----- Kg

### **3. WARRANTY**

a)	Specimen of warranty to be submitted when tendering	Yes	_____(Y/N)
b)	Warranty, minimum.	12 months	-----

### **4. MANUALS**

a)	All literature in the English Language	Yes	_____(Y/N)
b)	Repair manual, parts catalogue and operation handbook supplied	Yes	_____(Y/N)

### **5. OTHER REQUIREMENT**

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	_____(Y/N)
b)	Names and addresses of dealers/agents where back-up service can be obtained	Specify	----- ----- -----

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
indicating the location of the workshops facilities.		----- -----

## **69. WALKING TRACTOR DRAWN ROUND HAY BALER**

### **TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify-	
Model	Specify--	
Country of origin	Specify--	
Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(MANDATORY)</b>	(Y/N)

### **1. GENERAL**

a) Walking tractor drawn round hay baler with pick up fingers	Yes	_____(Y/N)
b) Supplied new	Yes	_____(Y/N)

### **2. CONSTRUCTION AND PERFORMANCE.**

a) Power requirement	8-12 hp	____ Hp
b) No. of finger rows	Specify-	____ No.
c) Production capacity, minimum.	20-40bales/hr	____ ha/hr
d) Max. Working width, minimum.	800 - 1500mm	____ mm
e) With rubber wheels	Yes	____(Y/N)
f) L*w*h	Specify	____ mm
g) Net weight approx.	Specify	____ Kg
h) Warranty cover, minimum.	12 months	----- months

### **3. OTHER REQUIREMENTS**

a) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	_____(Y/N)
b) Supplier to deliver and carry out training on usage and maintenance.	Yes	_____(Y/N)
c) Operator's instruction handbook supplied.	Yes	_____(Y/N)

d) Indicate names and physical addresses where after sales service can be obtained.	Specify	_____ (Y/N)
---	---------	-------------

## **70. WALKING TRACTOR MULTI-PURPOSE GRAIN PLANTER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	Specify	_____
MODEL	Specify	_____
COUNTRY OF ORIGIN	Specify	_____
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____ (Y/N)

### **1. GENERAL**

a) A standard production, walking tractor grain planter attachment for seed placement in the soil. Able to plant Maize, beans, pulses, sunflower, etc and place fertiliser side way. Self-cleaning drive wheels	Yes	_____ (Y/N)
b) Supplied new.	Yes	_____ (Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____ (Y/N)

### **2. DIMENSIONS AND WEIGHTS**

a) Dimensions L*W*H.	1150×800×620	-----mm
b) Row spacing	300-1000	-----mm
c) Planting distance	100-330	-----mm
d) Cup pickup seeding mechanism with glass inspection cover	Yes	-----Y/N
<b>3 ENGINE</b>		
a) Engine power requirement, minimum.	8-12hp	-----hp

### **4. EQUIPMENT ETC**

a) Manufacturer's standard tools supplied.	Yes	_____ Yes/No
b) Any other equipment (or accessories) supplied.	Specify	-----
<b>5 PERFORMANCE</b>		
a) No. of rows min.	2No.	-----specify
<b>6. MANUALS</b>		

a) All literature in the English language	Yes	_____(Y/N)
b) Repair Manual, supplied	Yes	_____(Y/N)
c) Parts catalogue supplied	Yes	_____(Y/N)
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)
<b>7. OTHER REQUIREMENTS</b>		
a) Equipment warranty minimum.	12 months	-----months
b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N

## **71. WALKING TRACTOR RIDGER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	Specify	_____
MODEL	Specify	_____
COUNTRY OF ORIGIN	Specify	_____
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)

### **1. GENERAL**

a) A standard production, walking tractor attachment for ridging	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)

### **2. DIMENSIONS AND WEIGHTS**

a) Dimensions L*W*H.	800x300x700	-----mm
b) No of rows	2	-----no
c) Working depth	150-300	-----mm
d) Ridge spacing	150-400	-----mm
<b>3 ENGINE</b>		
a) Engine power requirement, minimum.	8-12hp	-----hp

### **4. EQUIPMENT ETC**

a) Manufacturer's standard tools supplied.	Yes	_____
b) Any other equipment (or accessories) supplied.	Specify	-----Yes/No -----
<b>5 PERFORMANCE</b>		
a) No. of rows	2 Row.	-----specify
<b>6. MANUALS</b>		
a) All literature in the English language	Yes	_____(Y/N)
b) Repair Manual, supplied	Yes	_____(Y/N)
c) Parts catalogue supplied	Yes	_____(Y/N)
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)
<b>7. OTHER REQUIREMENTS</b>		
a) Equipment warranty minimum.	12 months	-----months
b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N

## **72. WALKING TRACTOR COB HARVESTER**

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	MAKE	Specify	_____
	MODEL	Specify	_____
	COUNTRY OF ORIGIN	Specify	_____
	MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)

### **1. GENERAL**

a) A standard production, walking tractor with attachment for cob harvesting consisting of a corn row pick up head, cob head separator mechanism, cob storage and bagging mechanism. Preferably with stalk shredder mechanism. Run by a hand held 2 wheel tractor.	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)
--	-----	------------

**2. DIMENSIONS AND WEIGHTS**

a) Dimensions L*W*H.	1200*500*1500mm	-----mm
b) The width of harvest- 1 row	700-800mm	-----mm
C) Height of harvest	400-2000mm	-----mm
<b>3 ENGINE</b>		
a) Engine power requirement, minimum.	8-12hp	-----hp

**4. EQUIPMENT ETC**

a) Manufacturer's standard tools supplied.	Yes	-----Yes/No
b) Any other equipment (or accessories) supplied.	Specify	-----

**5 PERFORMANCE**

a) No. of rows	1 Row.	-----mm
----------------	--------	---------

**6. MANUALS**

a) All literature in the English language	Yes	_____(Y/N)
b) Repair Manual, supplied	Yes	_____(Y/N)
c) Parts catalogue supplied	Yes	_____(Y/N)
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)

**7. OTHER REQUIREMENTS**

a) Equipment warranty minimum.	12 months	-----months
b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N

**73. WALKING TRACTOR ROTAVATOR**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	Specify	_____
MODEL	Specify	_____
COUNTRY OF ORIGIN	Specify	_____
MANUFACTURER'S LITERATURE AND	Yes	_____(Y/N)

SPECIFICATIONS SUPPLIED		
-------------------------	--	--

**1. GENERAL**

a) A standard production, walking tractor attachment for rotavating	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)

**2. DIMENSIONS AND WEIGHTS**

a) Dimensions L*W*H.	1040*1140*755	-----mm
b) Tilling depth:	120	-----mm
c) Working width	1000-1200	-----mm
d) No of blades:	24-36	-----no

**3 ENGINE**

a) Engine power requirement, minimum.	8-12hp	-----hp
---------------------------------------	--------	---------

**4. EQUIPMENT ETC**

a) Manufacturer's standard tools supplied.	Yes	_____ -----Yes/No
b) Any other equipment (or accessories) supplied.	Specify	-----

**5 PERFORMANCE**

a) No. of rows	1Row.	-----mm
----------------	-------	---------

**6. MANUALS**

a) All literature in the English language	Yes	_____(Y/N)
b) Repair Manual, supplied	Yes	_____(Y/N)
c) Parts catalogue supplied	Yes	_____(Y/N)
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)

**7. OTHER REQUIREMENTS**

a) Equipment warranty minimum.	12 months	-----months
b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N

## **74. WALKING TRACTOR POTATO PLANTER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	Specify	_____
MODEL	Specify	_____
COUNTRY OF ORIGIN	Specify	_____
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)

### 1. GENERAL

a) A standard production, walking tractor attachment for potato planting. With furrow opener mechanism, potato placement system and fertiliser placement unit; A furrow covering mechanism to form a ridge.	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)

### 2. DIMENSIONS AND WEIGHTS

a) Dimensions L*W*H.	600*700*800mm	-----mm
b) Planting depth	80-150mm	specify
c) Fertiliser depth	70-120mm	
d) Row Spacing:	120-150mm	-----mm
e) Cup pick-up mechanism for seed potato with glass inspection cover	Yes	.....Y/N

### 3 ENGINE

a) Engine power requirement, minimum.	8-12hp	-----hp
---------------------------------------	--------	---------

### 4. EQUIPMENT ETC

a) Manufacturer's standard tools supplied.	Yes	_____ -----Yes/No
b) Any other equipment (or accessories) supplied.	Specify	-----

### 5 PERFORMANCE

a) No. of rows	1Row.	-----mm
b) Working depth	80-150mm	-----mm

### 6. MANUALS

a) All literature in the English language	Yes	_____(Y/N)
b) Repair Manual, supplied	Yes	_____(Y/N)

c) Parts catalogue supplied	Yes	_____(Y/N)
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)
<b>7. OTHER REQUIREMENTS</b>		
a) Equipment warranty minimum.	12 months	-----months
b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N

## **75. SELF-PROPELLED RICE COMBINE HARVESTER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	Specify	_____
MODEL	Specify	_____
COUNTRY OF ORIGIN	Specify	_____
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)

### **1. GENERAL**

a) A standard production, rice combine harvester, with crawler wheel, pick up reel, Thresher unit, grain handling facility and accessories	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)

### **2. DIMENSIONS AND WEIGHTS**

a) Dimensions L*W*H.	4850*3200*2500	-----mm
b) Width of harvest	700-2000mm	-----mm
b) Minimum.Ground Clearance	310	-----mm
c) Cutting Width:	2180	-----mm
d) Feeding Capacity	4.5	-----kg/s
<b>3 ENGINE</b>		
a) Engine power requirement, minimum.	50-80	-----hp
b) Productivity	0.25 - 0.65	-----hm <sup>2</sup> /h

### **4. EQUIPMENT ETC**

--	--	--

a)	Manufacturer's standard tools supplied.	Yes	-----Yes/No
b)	Any other equipment (or accessories) supplied.	Specify	-----
<b>5 PERFORMANCE</b>			
a)	No. of rows	specify	-----No
<b>6. MANUALS</b>			
a)	All literature in the English language	Yes	_____(Y/N)
b)	Repair Manual, supplied	Yes	_____(Y/N)
c)	Parts catalogue supplied	Yes	_____(Y/N)
d)	Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)
<b>7. OTHER REQUIREMENTS</b>			
a)	Must be registered by NTSA and conform to traffic ACT	Mandatory	.....Y/N
b)	Equipment warranty minimum.	12 months	-----months
c)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N

## **76. SELF-PROPELLED RICE HAND HELD WEEDER**

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	MAKE	Specify	_____
	MODEL	Specify	_____
	COUNTRY OF ORIGIN	Specify	_____
	MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)

### **1. GENERAL**

a)	A standard production, motorised Rice 2-row weeder	Yes	_____(Y/N)
b)	Supplied new	Yes	_____(Y/N)
c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)

### **2. DIMENSIONS AND WEIGHTS**

a)	Dimension(L*W*H):	1550x400x200	-----mm
b)	Tillage depth Tillage depth	10-20	-----mm
c)	Tillage width	170-350	-----mm

<b>3 ENGINE</b>		
a)	Power rating	2-7 hp -----hp
b)	Fuel	specify .....

<b>4. EQUIPMENT ETC</b>		
a)	Manufacturer's standard tools supplied.	Yes -----Yes/No
b)	Any other equipment (or accessories) supplied.	Specify -----
<b>5 PERFORMANCE</b>		
a)	Speed of weeder	0.35~0.58 m/s -----m/s
<b>6. MANUALS</b>		
a)	All literature in the English language	Yes _____(Y/N)
b)	Repair Manual, supplied	Yes _____(Y/N)
c)	Parts catalogue supplied	Yes _____(Y/N)
d)	Operator's manual/handbook/service schedule supplied	Yes _____(Y/N)
<b>7. OTHER REQUIREMENTS</b>		
a)	Equipment warranty minimum.	12 months -----months
b)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes -----Y/N

**77. TRACTOR DRAWN CORN COB HARVESTER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	Specify	_____
MODEL	Specify	_____
COUNTRY OF ORIGIN	Specify	_____
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)

<b>1. GENERAL</b>		
a)	A standard production, Tractor drawn corn cob harvester of latest design, in robust construction, made in conformity with the current agriculture conditions and regulations, in current production with a cob pickup head, corn walkers, corn storage and bagging system and stalk shredder	Yes _____(Y/N)
b)	Supplied new.	Yes _____(Y/N)

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)
d) Suitable for harvesting corn cob etc.	Yes	_____(Y/N)
e) Any other item necessary for the efficient operation of this equipment not included in this spec. to be supplied.	Yes	------(Yes/No)

## 2. DIMENSIONS AND WEIGHTS

a) Dimensions L*W*H	5700 mm x 1850 mm x 2900 mm	-----mm
b) Weight excluding cutter bar, including straw chopper.	3300 kg	-----kg

## 4 BRAKES, TYRES AND SUSPENSIONS

a) Brakes, hydraulic-pneumatic assisted	Yes	------(Y/N)
b) Mechanical parking brake to act on rear wheels	Yes	------(Y/N)
c) Tyre sizes.	Specify	-----
d) Tyres locally available	Yes	-----Yes/No

## 5 ELECTRICAL SYSTEM AND INSTRUMENTS

a) System voltage, negative earth.	12V, Yes	-----
b) Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc.	Yes	-----Yes/No
c) Full lighting to conform to Cap403 Sec23-Kenya Traffic Act	Yes	-----Yes/No

## 6 EQUIPMENT ETC

a) Hydraulic(telescopic) jack, wheel brace and Manufacturer's standard tools supplied.	Yes, Yes, Yes	----- -----Yes/No
b) Any other equipment (or accessories) supplied.	Specify	-----

## 7 CORN HARVESTING HEAD

a) 2 row Cutting width,	3000 mm	-----mm
b) With multi-finger intake auger	Yes	-----Yes/No

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
c)	With hydraulic reverser	Yes	-----Yes/No
d)	Horizontal reel speed adjustment, electro-hydraulic	Specify	-----Yes/No

**9 SECONDARY SEPARATION SYSTEM**

a)	No. of straw walkers. minimum.	3 No.	-----No
b)	No. of straw walker steps. minimum.	3 No	-----No
c)	Cob collection using gunny bags option	YES	.....Y/N

**10 MANUALS**

a)	All literature in the English language	Yes	_____(Y/N)
b)	Repair Manual, supplied.	Yes	_____(Y/N)
c)	Parts catalogue supplied.	Yes	_____(Y/N)
d)	Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)

**11. OTHER REQUIREMENTS**

a)	Machine warranty minimum.	12 months	-----months
b)	Trailed harvester to conform to Kenya traffic act Cap. 403 and have a certificate from the vehicle inspection unit	Yes	-----Y/N
c)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N
d)	Equipment to be registered with the registrar of motor Vehicles.	Yes	-----Y/N
e)	Franchise holder (representative in Kenya) If not, specify relationship with franchise holder.	Yes  Specify whether agent or dealer	-----Y/N  -----Y/N
f)	Availability of spares	Indicate motor Vehicle / Equipment dealers who stock spare parts.	
g)	Names and addresses of dealers/agents where backup service can be obtained indicating the location of the Workshops facilities.	Specify	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER

## **78. SELF PROPELLED CORN HARVESTER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	specify	_____
MODEL	specify	_____
COUNTRY OF ORIGIN	specify	_____
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)

### **1. GENERAL**

a) A standard production, self- propelled combine harvester Suitable for harvesting corn. It should consists of cutting heads, straw walkers, threshing drums, blowers, storage, straw flail chopper, all tractor engine self propelled.	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)

### **2. DIMENSIONS AND WEIGHTS**

a) Dimensions L*W*H.	8,000 mm X 3000 mm x 4,000 mm	-----mm
b) Minimum. Ground Clearance	350 mm	-----mm
c) Weight excluding cutter bar, including straw chopper.	5,500-7,000 kg	-----kg

### **3 ENGINE**

a) Manufacturer.	specify	-----
b) Make.	specify	-----
c) Model.	specify	-----
d) Engine power output, minimum.	90 hp	-----hp
e) Fuel tank capacity. Minimum.	120 lts	-----lts

### **4 CLUTCH AND TRANSMISSION**

a) Clutch, dry type, single plate	Yes, Yes	----- (Yes/No)
b) Clutch, system actuation	Hydraulic	-----
c) Number of speeds,	minimum 4F, 1R	-----

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d) Drive configuration.	4X2	-----X-----
e) Drive. -Mechanical/Hydraulic	Specify	------(Y/N)
<b>5 BRAKES, TYRES AND SUSPENSIONS</b>		
a) Brakes, hydraulic-pneumatic assisted	Yes	------(Y/N)
b) Mechanical parking brake to act on rear wheels	Yes	------(Y/N)
c) Tyre sizes. Front	Specify	-----
d) Tyre sizes. Rear	Specify	
e) Tyres locally available	Yes	-----Yes/No
<b>6. ELECTRICAL SYSTEM AND INSTRUMENTS</b>		
a) System voltage, negative earth.	12V, Yes	-----
b) Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc.	Yes	-----Yes/No
<b>7. EQUIPMENT ETC</b>		
a) Steering type	Assisted	-----Y/N
b) Rear view mirrors supplied minimum. 1no.	Yes	-----Yes/No
c) Hydraulic(telescopic) jack, wheel brace and Manufacturer's standard tools supplied.	Yes, Yes, Yes	-----Yes/No
d) Any other equipment (or accessories) supplied.	Specify	-----
<b>8 PERFORMANCE</b>		
a) No. of rows	4No.	-----mm
b) Row spacing	450-750 mm	-----Yes/No
c) Grain tank capacity, minimum.	2.5 m3	-----Yes/No
d) No. Of straw walkers	4	-----Yes/No
e) Working Width	2000mm	-----mm
f) Max. production Efficiency, minimum.	0.5-2ha./h	-----mm
g) Type of Threshing drum	Rasp Bar	=====
h) Grain Loss Rate, max.	≤2%	-----%

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
<b>9. MANUALS</b>		
a) All literature in the English language	Yes	_____(Y/N)
b) Repair Manual, supplied.	Yes	_____(Y/N)
c) Parts catalogue supplied.	Yes	_____(Y/N)
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)
<b>10. OTHER REQUIREMENTS</b>		
a) Machine warranty minimum.	12 months	-----months
b) Combine harvester to conform to Kenya traffic act Cap. 403 and have a certificate from the vehicle inspection unit	Yes	-----Y/N
c) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	-----Y/N
d) Equipment to be registered with the National Transport and Safety Authority	Yes	-----Y/N
e) Franchise holder (representative in Kenya) If not, specify relationship with franchise holder.	Yes  Specify whether agent or dealer	-----Y/N  -----Y/N
f) Availability of spares	Indicate motor Vehicle / Equipment dealers who stock spare parts.	
g) Names and addresses of dealers/agents where backup service can be obtained indicating the location of the Workshops facilities.	Specify	

**79. SELF PROPELLED POTATO HARVESTER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
MAKE	Specify	_____
MODEL	Specify	_____
COUNTRY OF ORIGIN	Specify	_____
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)

### 1. GENERAL

a) A standard production, self- propelled potato harvester, with Single row/bed lifter, soil separator, potato top remover, and potato storage.	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)

### 2. DIMENSIONS AND WEIGHTS

a) Dimensions L*W*H.	1390 mm X 350 mm x 400 mm	-----mm
b) Weight	15000 -25000kg	-----kg

### 3 ENGINE

a) Manufacturer.	Specify	-----
b) Make.	Specify	-----
c) Model.	Specify	-----
d) Engine power output, minimum.	90 hp	-----hp
e) Fuel tank capacity. minimum.	150 lts	-----lts

### 4 CLUTCH AND TRANSMISSION

a) Clutch, dry type, single plate	Yes, Yes	------(Yes/No)
b) Clutch, system actuation	Hydraulic	-----
c) Number of speeds,	minimum 4F, 1R	-----
d) Drive configuration.	4X2	-----X-----
e) Drive. -Mechanical/Hydraulic	Specify	------(Y/N)

### 5 BRAKES, TYRES AND SUSPENSIONS

a) Brakes, hydraulic-pneumatic assisted	Yes	------(Y/N)
b) Mechanical parking brake to act on rear wheels	Yes	------(Y/N)
c) Tyre sizes. Front	Specify	-----
d) Tyre sizes. Rear	Specify	-----
e) Tyres locally available	Yes	-----Yes/No

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
<b>6. ELECTRICAL SYSTEM AND INSTRUMENTS</b>			
a)	System voltage, negative earth.	12V, Yes	-----
b)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc.	Yes	-----Yes/No
<b>7. EQUIPMENT ETC</b>			
a)	Steering type	Assisted	-----Y/N
b)	Rear view mirrors supplied minimum. 1no.	Yes	-----Yes/No
c)	Hydraulic(telescopic) jack, wheel brace and Manufacturer's standard tools supplied.	Yes, Yes, Yes	-----Yes/No
d)	Any other equipment (or accessories) supplied.	Specify	-----
<b>8. PERFORMANCE</b>			
a)	No. Of rows, minimum	3 Rows	-----mm
b)	Row spacing	Specify	-----mm
c)	Bulk tank capacity, minimum.	7500kg	-----Yes/No
d)	Width of first web	1000- 2000 mm	-----Yes/No
e)	Width of 2 <sup>nd</sup> and 3 <sup>rd</sup> web	1000-2200 mm	-----mm
<b>9. MANUALS</b>			
a)	All literature in the English language	Yes	_____(Y/N)
b)	Repair Manual, supplied.	Yes	_____(Y/N)
c)	Parts catalogue supplied.	Yes	_____(Y/N)
d)	Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)
<b>10. OTHER REQUIREMENTS</b>			
a)	Machine warranty minimum.	12 months	-----months
b)	Potato harvester to conform to Kenya traffic act Cap. 403 and have a certificate from the vehicle inspection unit	Yes	-----Y/N
c)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	-----Y/N

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
d)	Equipment to be registered with the registrar of motor Vehicles.	Yes	-----Y/N
e)	Franchise holder (representative in Kenya) If not, specify relationship with franchise holder.	Yes  Specify whether agent or dealer	-----Y/N  -----Y/N
f)	Availability of spares	Indicate motor Vehicle / Equipment dealers who stock spare parts.	
g)	Names and addresses of dealers/agents where backup service can be obtained indicating the location of the Workshops facilities.	Specify	

**80. AUTOMATIC POTATO GRADER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	specify	
Model	specify	
Country of origin	specify	
Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)

### 1. GENERAL

a) Automatic Irish potato grader with conveyor belt pick up for potatoes, Inspection rollers, Variable speed and adjustable rollers to grade different varieties of potato	Yes	_____(Y/N)
b) Supplied new.	Yes	_____(Y/N)

### 2 PERFORMANCE.

a) Production Capacity	3-5t/hr	.....t/hr
b) Hopper size	0.5m <sup>3</sup>	.....m <sup>3</sup>
c) Grader level	3-6	.....specify
d) Motor size	3-12hp	.....hp
e) Adjustable Plastic grading rollers with variable speed	Yes	.....Yes/No
f) Quality inspection rollers space provided	Yes	.....Yes/No
g) Potato Bagging device	Yes	.....Yes/No

### 3. DIMENSIONS

a) Length	2000-8000 mm	.....mm
b) Working width	1700-1800 mm	.....mm
c) Height	1000-1500 mm	.....mm

### 4. ACCESSORIES

a) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	_____
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

### 5. WARRANTY

a) Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
--	-----	------------

b) Warranty, minimum.	12 months	.....months
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### 6. MANUALS

a) All literature in English Language	Yes	_____(Y/N)
b) Repair manual/CD supplied	One per machine	_____(Y/N)
c) Parts catalogue/CD supplied	One per machine	_____(Y/N)
d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

### 7. OTHER REQUIREMENT

a) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----

## 81. 3 TINE CHISEL PLOUGH

	SPECIFICATION	REQUIRED	TENDERER'S OFFER
	Make	specify	
	Model	specify	
	Country of origin	Specify	
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(MANDATORY)</b>	(Y/N)

### 1. GENERAL

a)	A Standard production agricultural tractor operated chisel made in conformity with the current agriculture conditions, latest design, in current production. Able to break harpans 300-400mm deep.30Degree angle of penetration	Yes, Yes, Yes	_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)
c)	Designed to export specifications, capable of operating in tropical soils and conditions.	Yes, Yes	_____(Y/N)

## 2. PERFORMANCE, DIMENSIONS, WEIGHTS.

a)	Matched power	Min 75-80 Hp	_____Hp
b)	Type.	mounted	_____
c)	No. of tines, minimum	3 No	_____No
d)	Working depth, minimum.	420 mm	_____mm
e)	Working width.	2,700-3000 mm	_____mm
f)	Space between bottoms	400-550 mm	_____mm
g)	Chisel share shank width, minimum.	4''	_____inch
h)	Total weight.	200-500 kg	_____kg

## 3 EQUIPMENT (ACCESSORIES) ETC

a )	To be mounted on tractor 3 point hitch	Yes	_____(Y/N)
b )	Chisel to have depth wheel	Yes	_____(Y/N)
c )	Manufacturers tools kit supplied	Yes	_____(Y/N)
d )	Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	_____

## 4 WARRANTY

a )	Each implement to carry manufacturers statement of warranty	Yes	_____(Y/N)
b )	Implement warranty, minimum.	12 months	_____months
c )	Warranty against corrosion, minimum	Specify	_____Years

## 5 OTHER REQUIREMENT

a )	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
b )	Firm's Status: (Manufacturer/Franchise holder/ Dealer/Agent), attach proof thereof	Specify, <b>Mandatory</b>	_____
c )	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- ----- ----- -----
d )	Availability of spares	Indicate dealers who stock spare parts	----- -----

		----- -----
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## 6 MANUALS

a	All literature in the English Language	Yes	_____(Y/N)
b	Operators handbook and service schedule supplied	One per implement, Yes	_____(Y/N)

## 82. CONSERVATION AGRICULTURE BOOM SPRAYER

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	Make	specify	
	Model	specify	
	Country of origin	specify	
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(MANDATORY)</b>	(Y/N)

### 1. GENERAL

a)	A Standard production lateral boom sprayer made in conformity with the current agriculture conditions, latest design, in current production, marketed in Kenya.	Yes, Yes, Yes	_____(Y/N)
b)	Supplied new.	Yes, Yes	_____(Y/N)
c)	Designed to export specifications, capable of operating in tropical conditions. Designed to meet medium and small field requirements.	Yes, Yes	_____(Y/N)

### 2. DIMENSIONS, WEIGHTS, PERFORMANCE.

a)	Matched power	75-80 Hp	____Hp
b)	Type.	Tractor mounted	_____
c)	Tank capacity, approx.	800 lt	-----lt
d)	No. of nozzles, minimum	20 No.	-----No.
e)	Variety of Nozzles	Cone, Hollow Atomizing, Flat, Spiral, Fan etc types nozzles supplied with Spayer	.....Yes/No
f)	Boom length, minimum	18,000 mm	-----mm
g)	Boom height range	500 – 2000 mm	-----mm
h)	Pump delivery rate, minimum.	140 lts/minimum	----- lts/minimum.

i)	Fitted with pump, suitable pressure regulator and gauges.	Yes	_____(Y/N)
f)	Tubular section in stainless steel lateral boom to be foldable.	Yes mechanically / hydraulically driven	_____(Y/N) -----
g)	To have a rinse tank	Yes	_____(Y/N)
h)	To have a wash tank	Yes	_____(Y/N)
i)	Tank made of pesticide /agrochemicals resistant material.	Yes	_____(Y/N)
J)	Fitted with a suitable agitator.	Yes  Mechanical/hydraulic	-----Y/N -----
k)	To have Controlled Traffic GPS system/weed seeker device.	Yes	_____(Y/N)
l)	weight of equipment	1,200 kg	-----Kg

### 3. EQUIPMENT (ACCESSORIES) ETC

a)	Manufacturers complete tool kit supplied	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the sprayer.	Specify	_____
d)	Any other item that manufacturer deems necessary for optimum efficiency of the implements	Specify	_____

### 4. WARRANTY

a)	Each sprayer to carry manufacturers statement of warranty	Yes	_____(Y/N)
b)	Sprayer warranty, minimum.	Specify	Years

### 5. OTHER REQUIREMENT

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----

### 6. MANUALS

a)	All literature in the English Language	Yes	_____(Y/N)
b)	Repair manual supplied	One per machine <b>Mandatory</b>	_____(Y/N)
c)	Parts catalogue supplied	One per machine <b>Mandatory</b>	_____(Y/N)

d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
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### 83. RICE MILL

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	specify	
Model	specify	
Country of origin	specify	
Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(MANDATORY)</b>	(Y/N)
Complete Rice Mill	Compact Rice Mill assembly for production of high quality rice	_____(Y/N)
Unit	Compact Rice Mill + Spare parts	_____(Y/N)
1.1	Condition of the mill: Brand New	_____(Y/N)
1.2	Type - Combined Rice Mill comprising of the following units:	_____(Y/N)
	<ul style="list-style-type: none"> <li>• Single elevator</li> <li>• Combined paddy cleaner and De-stoner</li> <li>• Aspirator stoner</li> <li>• Husker and husker fan</li> <li>• Double elevator</li> <li>• Gravity paddy Separator</li> </ul>	<ul style="list-style-type: none"> <li>• High power suction type emery roller rice mill (Rice Whitener)</li> <li>• Single elevator</li> <li>• Rice Grader</li> <li>• Packaging Machine</li> </ul> <p>..... specify</p>
1.3	Capacity of the combined Rice Mill: 1000 – 1200kg/hr of raw materials	.....specify
	Final product: White rice	Yes
1.4	The mill must be made of strong and durable materials	Yes
1.5	Low noise level and limited dust production	Yes
1.6	Approximate overall dimensions (L x W x H): Approx. 2700 x 2000 x 3500mm	..... specify
1.7	Overall weight of the complete mill: Approx. 1600kg (1.6 T)	.....specify
1.8	Rice milling rate: Approx. 70% or more	.....specify

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
1.9	Broken rice: 2% or less rice with most of the rice being naturally complete	.....specify
1.10	The mill should be suitable for Three-phase electricity supply i.e. 415 V,50Hz.	.....specify
1.10	Total power of the Rice mill: 29.5-32 kW	_____(Y/N)
<b>2.0</b>	<b>Technical Specifications: Single Conveyor</b>	
2.1	Single elevator feeding paddy into the paddy cleaner	.....specify
2.2	Shares the same motor with the paddy cleaner (see 3.1)	.....specify
2.3	Approx. height of the elevating conveyor: 3.4m	.....specify
3.0	Technical Specifications: Combined Paddy Cleaner and De-Stoner	_____(Y/N)
3.1	Combined Paddy Cleaner and De-stone driven by a 1.1 kW motor	.....specify
3.2	Speed of the rotation of the motor in RPM: 1380	.....specify
3.3	The motor should also be used to run the single conveyor	_____(Y/N)
<b>4.0</b>	<b>Technical Specifications: Aspiration stoner</b>	
4.1	Aspiration stoner powered by a 2.2 kW motor	.....specify
4.2	Speed of the motor should be: 2800 RPM	_____(Y/N)
4.3	Comprises of a pre-cleaner and de-stoner	_____(Y/N)
4.4	The complete rice mill assembly shall be capable of removing sand, metal particles together with dust mixed in the rice.	_____(Y/N)
4.5	Compact with steady performance and high efficiency.	_____(Y/N)
4.6	Well sealed to avoid dust escape and to facilitate low noise.	_____(Y/N)
4.7	High cleaning efficiency and low power consumption	_____(Y/N)
<b>5.0</b>	<b>Technical Specifications: The Husker</b>	
5.1	The husker size should be 8" i.e. 203.2 mm	.....specify
5.2	Driven by a 5.5 kW motor	_____(Y/N)
5.3	Speed of the motor: 1440 RPM	.....specify
5.4	The same motor should be used to drive the Husker fan	_____(Y/N)
6.0	Technical Specifications: Double Conveyor	_____(Y/N)
6.1	The double elevating conveyor is driven by a 1.1 kW motor	.....specify
6.2	The motor has a speed of approx. 910 RPM	.....specify
6.3	Height of the elevating conveyor: Approx. 3.4m	.....specify
<b>7.0</b>	<b>Technical Specification: The Paddy Separator</b>	
7.1	Run by a motor of 0.75 kW	.....specify
7.2	Speed of the motor should be approx. 1380 RPM	.....specify
<b>8.0</b>	<b>Technical Specification High –power suction type Emery – Roller Mill (Whitener)</b>	
8.1	The Emery Roller is driven by a Three Phase 18.5 kW motor	
8.2	The speed of the motor for the roller mill should be approx. 1460 RPM	.....specify

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
8.3	Supplied with an Emery-Roller rice mill fan	_____(Y/N)
8.4	The same motor should be used to run the Emery –roller Rice Mill fan	_____(Y/N)
8.5	Compact and an integrated part of the mill	_____(Y/N)
8.6	Suitable with both long and short grains	_____(Y/N)
8.7	Capable of effectively removing the silver skin and the bran layer from dehulled rice	_____(Y/N)
<b>9.0</b>	<b>Technical Specifications: Single Elevator</b>	
9.1	Single elevating conveyor feeding rice into the grader	_____(Y/N)
9.2	Operated with a 0.75kW motor	..... ..specify
9.3	Approx. height of the elevating conveyor: 3.4m	..... ..specify
<b>10.0</b>	<b>Technical Specifications: The Grader</b>	
10.1	MJP63x3 model or similar operated by a 0.75 – 1 kW motor	..... ..specify
10.2	Having a set of perforated screens with reciprocating movements.	_____(Y/N)
10.3	Capable of separating rice into at least 3 groups i.e. special rice, common rice, broken & small broken.	_____(Y/N)
10.4	Compact structure with a steady performance, reliable and high grading efficiency.	_____(Y/N)
10.5	Easy and convenient to operate and clean	_____(Y/N)
10.6	Dimensions: Approx. 1425 x 740 x 1275 mm	..... ..specify
10.7	Overall weight: 255 kg	..... ..specify
	Broken rice in special rice (%): <3	..... ..specify
<b>11.0</b>	<b>Technical Specifications; Control Panel</b>	
11.1	Enclosed dust proof cabinet with push button starter gear for different motors.	Yes
11.2	Clearly labelled on/off switches.	Yes
11.3	Provided with individual fuses for overload control, main insulator and outgoing terminals.	Yes
11.4	Provided with an appropriate and high quality copper wire cable (Amad cable or similar) of at least 20m long	Yes
11.5	The cost of the cable wire (Amad cable or similar) must be clearly shown and included in the total DAT price.	Yes
<b>12.0</b>	<b>Technical Specifications: Packaging Machine</b>	
12.1	DCS model with a weighing scale applicable for automatic weighing and packing of rice	Yes
12.2	Weighing range/interval of 5, 10, 25, and 50kg.	..... ..specify
12.3	Throughput: The capacity of the weighing machine shall be >300 packs/hour.	..... ..specify
12.4	Operated by a 1.1kW motor	..... ..specify
12.5	Dimensions: Approx. 2600 x 700 x 700 mm	..... ..specify
13.0	Pipings and accessories	Yes
13.1	The machine must be supplied with all necessary pipings to facilitate smooth flow of grains and removal of bran	Yes
<b>13.2</b>	<b>Accessories</b>	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
13.3	Manufacturer's standard tool kit supplied.	_____(Y/N)
13.4	Comprehensive list of standard and specialized tools to be supplied with the machine.	_____(Y/N)
13.5	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	..... ..specify
<b>13.6</b>	<b>Warranty</b>	
13.7	Each machine to carry manufacturers statement of warranty	_____(Y/N)
13.8	Warranty, minimum.	.....months
<b>13.9</b>	<b>Manuals</b>	
14.0	All literature in English Language	_____(Y/N)
14.1	Repair manual/CD supplied	_____(Y/N)
14.2	Parts catalogue/CD supplied	_____(Y/N)
14.3	Operators handbook and service schedule Supplied	_____(Y/N)
<b>14.4</b>	<b>Other Requirement</b>	
14.5	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	
14.6	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	..... ..specify
14.7	Names and locations of dealers/agents where back-up service can be obtained.	----- ----- ----- ---

#### **84. SHAPER MACHINE-METAL**

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	Make	specify	
	Model	specify	
	Country of origin	Specify	(Y/N)
	Manufacturer's literature and specifications supplied along with this tender.	Yes (Mandatory)	(Y/N)

##### 1. GENERAL

a)	Electric Shaper machine-metal. Automatic work table		_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)

##### 2. PERFORMANCE.

a)	Production Capacity	Specify	.....L/hr
b)	Motor size(three-phase)	7-9kw	.....kw
<b>3.</b>	<b>DIMENSIONS</b>		
<b>a</b>	Max ram stroke	700 mm	..... mm
<b>b</b>	Max tool overhang	84mm	..... mm
<b>c</b>	Max distance between table surface & ramp	400mm	..... mm
<b>d</b>	Dimension of table working surface	700x450mm	..... mm
<b>e</b>	Max horizontal travel of table	700mm	..... mm
<b>f</b>	Max vertical travel of table	320mm	..... mm
<b>g</b>	Horizontal feed	0.25mm	..... mm
<b>h</b>	Overall dimensions:	2,780x1750x1780mm	..... mm

#### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	<ul style="list-style-type: none"> <li>• Stainless steel gear pump</li> <li>• Stainless steel passer tank 100lt capacity</li> </ul>	 _____(Y/N) -----Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

#### 5. WARRANTY

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
b)	Warranty, minimum.	12 months	.....months

#### 6. MANUALS

a)	All literature in English Language	Yes	_____(Y/N)
b)	Repair manual/CD supplied	One per machine	_____(Y/N)
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

#### 7. OTHER REQUIREMENT

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c)		Specify	----- -----

Names and locations of dealers/agents where back-up service can be obtained.		----- -----
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## **85. VERTICAL MILLING MACHINE WITH DIVIDING HEAD**

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	Make	Specify	
	Model	Specify	
	Country of origin	Specify	_____ Y/N
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)

### **1. GENERAL**

a)	Vertical Milling Machine with Diving Head	Yes	_____ (Y/N)
b)	Supplied new.	Yes	_____ (Y/N)

### **2. PERFORMANCE.**

a)	Production Capacity	Specify	.....ltrs
b)	Power consumption	2-5Hp	.....Hp
<b>3.</b>	<b>DIMENSIONS</b>		
<b>a</b>	Face of body	9'' (230 mm)	.....mm
<b>b</b>	Working surface	9''X 40''(230x1015mm)	..... mm
<b>c</b>	Number of tool post	1or 2	..... no.
<b>d</b>	Size of T-slots	½'' - 5/8''	.....inch
<b>e</b>	Standard arbour	1''	..... inch
<b>f</b>	Number of spindle speeds	80-5440 min.9steps	..... no.
<b>g</b>	Table tilt angles 4dimensions	45 <sup>0</sup>	-----Y/N
<b>h</b>	Ram Travel-Min	380mm	-----specify
<b>i</b>	Table load	300kg	----- Specify

### **4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	_____
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

### **5. WARRANTY**

a)	Each machine to carry manufacturers statement of warranty	Yes	_____ (Y/N)
b)	Warranty, minimum.	12 months	.....months

**6. MANUALS**

a)	All literature in English Language	Yes	_____(Y/N)
b)	Repair manual/CD supplied	One per machine	_____(Y/N)
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

**7. OTHER REQUIREMENT**

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----

**86. PLATE ROLLING MACHINE (MANUAL)**

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	Make	specify	
	Model	specify	
	Country of origin	Specify	
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)

**1. GENERAL**

a)	Plate Rolling Machine (Manual) with a hardened gear for durability, comfortable eccentric clamp system and three SS bending roll	Yes	_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Production Capacity	30m/hr min.	.....L/hr
b)	Motor size(3-PHASE)	3-8hp min.	.....hp
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Maximum thickness	3mm	.....mm
b)	Maximum width	4ft	.....mm

c)	Diameter of roll	10cm	.....mm
c)	Packing dimension	150x60x69mm	.....mm
d)	Net weight	120kg	.....kg

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Stainless Steel platform	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

**5. WARRANT**

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
b)	Warranty, minimum.	12 months	.....months

**6. MANUALS**

a)	All literature in English Language	Yes	_____(Y/N)
b)	Repair manual/CD supplied	One per machine	_____(Y/N)
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

**7. OTHER REQUIREMENT**

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----

**87. HYDRAULIC PRESS**

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	Make	Specify	
	Model	Specify	

Country of origin	Specify	_____ Y/N
Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)

### 1. GENERAL

a)	Hydraulic Press with double pump for fast approach, foot and hand control, high pressure gauge, piston with automatic return and supplied with a pair of V-blocks & a set of pushers	Yes	_____ (Y/N)
b)	Supplied new.	Yes	_____ (Y/N)

### 2. PERFORMANCE.

a)	Capacity	30ton	.....(Y/N)
<b>3.</b>	<b>DIMENSIONS</b>		
a)	Piston travel	185mm	.....mm

### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	<ul style="list-style-type: none"> <li>• Settling tank (60 litres capacity)</li> <li>• Complete with filter kit</li> </ul>	 _____ (Y/N) _____ (Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

### 5. WARRANTY

a)	Each machine to carry manufacturers statement of warranty	Yes	_____ (Y/N)
b)	Warranty, minimum.	12 months	.....months

### 6. MANUALS

a)	All literature in English Language	Yes	_____ (Y/N)
b)	Repair manual/CD supplied	One per machine	_____ (Y/N)
c)	Parts catalogue/CD supplied	One per machine	_____ (Y/N)
d)	Operators handbook and service schedule Supplied	One per machine	_____ (Y/N)

### 7. OTHER REQUIREMENT

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____ (Y/N)

b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----

**88. BEARING EXTRACTOR/ PULLER**

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	Make	Specify	
	Model	Specify	
	Country of origin	Specify	
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)

**1. GENERAL**

a)	Bearing Extractor/ Puller with hardened steel body	Yes	_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Production Capacity	30 extracts/hr	.....units/hr
b)	Motor size(3-PHASE)	2-5hp	.....hp
<b>3.</b>	<b>DIMENSIONS</b>	<b>50-400mm dia</b>	<b>-----specify sizes</b>
a)	Maximum diameter	150mm	.....mm

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Stainless Steel platform	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

**5. WARRANTY**

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
b)	Warranty, minimum.	12 months	.....months

**6. MANUAL**

a)	All literature in English Language	Yes	_____(Y/N)
b)	Repair manual/CD supplied	One per machine	_____(Y/N)
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

**7. OTHER REQUIREMENT**

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----

**89. PAN AND BOX BRAKES**

	SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
	Make	specify	
	Model	specify	
	Country of origin	Specify	
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)

**1. GENERAL**

a)	Pan and Box Brakes	Yes	_____(Y/N)
b)	Supplied new.	Yes	_____(Y/N)

**2. PERFORMANCE.**

a)	Production Capacity	4 /hr	...../hr
b)	size	1-24 gauge	.....gauge specify
<b>3. DIMENSIONS</b>			
a)	Bending width	1220mm	.....mm

b)	Bending thickness	3mm	.....mm
c)	Bending angle	0-135 <sup>0</sup>	.....mm
c)	Packing dimension	1710x750x940mm	.....mm
d)	Net weight	510kg	.....kg

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Stainless Steel platform	_____(Y/N)
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

**5. WARRANTY**

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
b)	Warranty, minimum.	12 months	.....months

**6. MANUALS**

a)	All literature in English Language	Yes	_____(Y/N)
b)	Repair manual/CD supplied	One per machine	_____(Y/N)
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

**7. OTHER REQUIREMENT**

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----

**90. CIRCULAR METAL CUTTING MACHINE**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	specify	

Model	specify	
Country of origin	Specify	
Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)

### 1. GENERAL

a) Circular Metal Cutting Machine with a 1300 number load rpm	Yes	_____ (Y/N)
b) Supplied new.	Yes	_____ (Y/N)

### 2. PERFORMANCE.

a) Production Capacity	30 units/hr	.....L/hr Specify
b) Motor size(3-PHASE)	4Hp	.....hp
b) Power consumption	220v	.....hp
<b>3. DIMENSIONS</b>		
a) Blade diameter	14"	.....mm
b) Arbour size	1"	.....mm

### 4. ACCESSORIES

a) Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)
b) Comprehensive list of standard and specialized tools to be supplied with the machine.	Stainless Steel platform	_____ (Y/N)
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____

### 5. WARRANTY

a) Each machine to carry manufacturers statement of warranty	Yes	_____ (Y/N)
b) Warranty, minimum.	12 months	.....months

### 6. MANUAL

a) All literature in English Language	Yes	_____ (Y/N)
b) Repair manual/CD supplied	One per machine	_____ (Y/N)
c) Parts catalogue/CD supplied	One per machine	_____ (Y/N)
d) Operators handbook and service schedule Supplied	One per machine	_____ (Y/N)

### 7. OTHER REQUIREMENT

a)	Yes	_____ (Y/N)
----	-----	-------------

To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.		
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

**91. Grain Cleaner**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of the Grain Cleaner	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Multigrain cleaner composed of aspirator, and magnetic cleaner; removes large and small impurities from grains/cereals/legumes; multideck with variable sieves; number of screens 3; capacity; 2 ton/hr; Blower type: centrifugal; Aspiration volume 4500m <sup>3</sup> /h; food grade construction with dust collectors; easy to assemble and disassemble	capacity; 1-2 ton/hr	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----

**92. Maize De- germinator/Huller**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Dry de-germinator; Capacity 2tonne/hr.; food grade construction; High recovery rate of grits with fat content less than 1.5% and hull less than 1%; De-germinator efficiency of 85%; ease of maintenance; ease of discharge of degermed maize	Capacity 1-2tonne/hr	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

OTHER REQUIREMENT		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____ (Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- --

93. **Destoner**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Multi-grain destoner; Capacity: 2tonne/hour; food grade construction; air volume 3000m <sup>3</sup> /hr; aspiration / air suction to remove light impurities ; adjustable sieve inclination, Low noise, low energy consumption, easy of maintenance; no dust leakage; adjustable air volume; easy to assemble and disassemble	Capacity: 1-2tonne/hour	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____ (Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____ (Y/N)
Repair manual/CD supplied	One per machine	__ ____ (Y/N)
Parts catalogue/CD supplied	One per machine	_____ (Y/N)

Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- specify-----

**94. MULTIGRAIN IMPACT MILL**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Multigrain impact mill; Capacity 2 tonne/hr; food grade construction; interchangeable screen/sieves for coarse and fine powder/flour milling; flour/powder particle size: Mesh size 1.2mm, 1.0mm, 0.5mm, 0.125mm; Fitted with magnet bar at raw material hopper inlet into grinding chamber; low noise and dust; suitable outlet for collection of milled product	Capacity 1-2 tonne/hr;	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)

Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- specify-----

**95. Ribbon mixer**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of the Ribbon mixer	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
300L full stainless steel construction ss304/316; power 3phae with control panel; speed 15 rpm; main shaft 70mm; with material discharge point 45 cm above the ground, stainless steel frame with caster wheels with locks	250-300L full stainless steel	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

OTHER REQUIREMENT		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**96. Powder filler**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of the Powder filler	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Auger filler; Stainless steel construction ss 304; capacity 50-5000g compatible with 200L hopper; 5 sets auger screw (50-100, 100-500, 500-1000, 1000-2000, 2000-5000g) power 380V/50HZ, 0.9 kw Capacity 2 tones/hr	capacity 50-5000g	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
	Yes	_____(Y/N)

To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.		
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**97. Food Extruder**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of the Food extruder	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Top feeder; 125hp drive; remote control panel with digital readout; variable speed feeder motor, Screw diameter: 28 – 30mm, Process length ratio: 40 L/D maximum Screw speed: variable up 1200 rpm, Control panel: microprocessor based control system, motor ON and OFF; PID temperature controller for barrel heating and cooling; screw rpm indicator Inputs – Pastes, nuts, whole grains, flours etc, Outputs- extrusion of granola, instant flours e.g. soy, maize and expanded products	variable speed feeder motor, Screw diameter: 28 – 30mm	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)

OTHER REQUIREMENT		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify--- -----

98. **Grater**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of the Grater	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Stainless steel construction ss304, capacity 0.5-1ton/hour, 3-phase motor, on a stand and with product exit having clearance of 50 cm from the ground	capacity 0.5-1ton/hour	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
	Yes	_____(Y/N)

To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.		
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- specify-----

**99. Vacuum Sealer**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of the Vacuum sealer	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Capacity 20-50 bags/min;power 4 kw/ 220V/50HZ	Capacity 20-50 bags/min	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____

Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----
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**100. Paste Filler**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of the Paste filler	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Stainless steel construction ss 304/316; Double nozzle; Capacity 100 containers per minute; Filling range 100-1000ml; Working pressure 0.4-0.5 MPa, pneumatic	Capacity 100-120 containers per minute;	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**101. Complete Honey Processing Unit**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of the Complete honey processing unit	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
100 kg/hr with warmer and filter; power 16KW, full stainless steel ss 304/316 with vacuum concentrator; dimensions 1600x600x1600mm 10-5000ml filler with capacity of 10-50 bottles per minute; air pressure 0.4-0.6MPa Settling tank SS Provide separate honey refining and packaging	10-5000ml filler with capacity of 10-50 bottles per minute	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**102. Reverse Osmosis Water Filtration System**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of Reverse osmosis water filtration system	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Capacity 2000L/Hr; Feed capacity 3.3.m3/hr with output of 3m3/hr, 8 membranes, feed3.3m3/hr, multistage filters 2-1-1, high pressure pump 5.5kw able to handle water with TDS level of upto 2000ppm for low brackish water and upto 5000 ppm for the medium brackish (LXWXH) 2700X860X1375MM	Capacity 1800-2000L/Hr	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**103. Bowl Chopper**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of bowl chopper	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Capacity 20L, Stainless steel construction ss304/316; Power 220V/50HZ, 1.5kw Two speed knife shaft Two speed bowl 3 blade set up Table top Model	Capacity 20-30L	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**104. Meat mincer**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacturer's literature and specifications of meat mincer	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Capacity 120kg/hr.; Stainless steel construction ss304/316; power220V/50HZ, 735W	Capacity 100-120kg/hr	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**105. Sausage Stuffing Machine**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	

Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of sausage stuffing machine	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Upright stainless steel canister with a 10kg capacity Coated stainless steel housing with rubber feet for added stability Heavy duty, dual speed, steel gears for rapid loading and pressing Canister tilts out for quick loading Pressure release valve controls flow of meat for perfect sausages Disassembles for easy clean up  Includes a set of 4 stainless steel funnels: 13 mm for snack stick, 20 mm for pepperoni & bratwurst, 30 mm for summer sausage and 40 mm for luncheon meats	Upright stainless steel canister with a 8-10kg capacity	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of containerized food drier	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
<p><b>Description of the food drier:</b> The drying chamber is made of out of 20ft standard shipping container modified, and with 50 mm PUF insulation. Inner wall of casing is made of SS 304 and outer wall with M.S. painted finish <b>Size of inner chamber</b> : 6000 L x 2400 W x 2400 H</p>		
<p><b>Trays and trolleys</b> : Perforated SS 304 sheets or SS wire mesh – size 600 x 900 x 25 Quantity - 300 Nos (25 Nos in each trolley with 12 trolleys.)  <b>Heating:</b> Hot water from solar calorifier tank is circulated inside the chamber into two heat exchangers made of SS 304 finned tubes. The water from the calorifier tank will also be heated by electricity as a backup arrangement using 240V Single Phase / 440 V Three Phase. Solar collectors (600 Vacuum tubes of 47 x 1400 mm arranged in 12 collectors).  <b>Power back-up:</b> 6 electric coils (3KW) connected to the  <b>Air Circulation:</b> Four Axial flow fans of 6000 cfm/hr capacity provides the air circulation inside the chamber. The fans are reversible in direction and are made of fiberglass cast Aluminum impellers driven by 2 HP, class H insulated Three Phase motors.  <b>Inlet and Outlet air dampers:</b> Motorized dampers actuated manually or automatically by sensing the humidity inside the chamber. <b>Humidity and Temperature sensors:</b> Installed inside the chamber and connected to automatic climate controller to actuate the fans, dampers and hot water pumps.  <b>Inlet air quality:</b> The inlet air will be de-humidified by regenerative type dehumidifiers to supply dry air into the chamber. This will enhance the efficiency of the drier in humid conditions  Operating maximum temperature in chamber 90°C.</p>	<p>Size of inner chamber : 6000 L x 2400 W x 2400 H</p>	<p>.....Specify</p>

<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

### 107. Citrus Extractor

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications of citrus Extractor	Yes	
<b>Specifications</b>	Yes	.....(Y/N)

<p><b>Description:</b> The citrus juice extractor should be supplied as a stand-alone plug and play machine capable of extracting juices from oranges, lemons, lemons, tangerines and pomegranate After being washed , sanitized and sorted, the fruit is fed to the extraction heads, producing high/medium/low pulp. The extracted waste products, such as rinds, pulp and seeds, are sent directly to the waste containers. The following are the technical specifications of the equipment. Motor 3-phase 2.5 HP  Power  380 V 50-60 Hz  Production, litres/hr  400 – 500  Diameter of squeezing kit cavities  For small fruit-55 to 70 mm  Medium fruits -70 to 85 mm  Large fruits 85 to 100 mm</p> <p>Waste exit chute  Made of mild steel- 1.5M. Purpose is to channel process waste to the waste bin outside the building  Hopper  Made from food grade SS  Fruit diameter  Variable  Safety  Sensor system</p>	<p>Production, litres/hr  400 – 500</p>	<p>.....Specify</p>
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Specify	_____

Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof		
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**108. Stainless Steel Tables**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications	No	
<b>Specifications</b>	Yes	.....(Y/N)
(SS-3x1.5x0.8M (MIM 316L (austenitic grade). Dim=3m×0.8m×0.8m. With slope to allow drainage With proper reinforcement to prevent buckling during use-	Dim=3m×0.8m×0.8m	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Specify	_____

Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof		
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- ----

109. **Electric high pressure water jet cleaner**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications electric high pressure water jet cleaner	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
<b>Pump Specifications-</b> Working Pressure 30-350 bar / 435-5075 PSI Flow Rate (60Hz) 17lpm / 4.49GPM <b>Motor Specifications:</b> Electric Motor 11 kW / 14.75HP <b>Power Supply</b> 3 phase 400V 50Hz Standard Equipment: Electric Cable –5m length High Pressure Hose -10 meter Gun: Trigger operated gunc/w lance Nozzle: fanjet sapphire orifice *Pressure regulator Low voltage and delayed total stop Glycerin pressure gauge Steel frame and cover Solid wheels Stainless steel suction & delivery valves	Working Pressure 30-350 bar / 435-5075 PSI	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)

Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

### 110. Nut Butter Vacuum Emulsifying Homogenizer

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for nut butter vacuum emulsifying homogenizer	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Machine consists of vacuum-resistant vessel with jacket for heating and cooling. Equipped with high speed homogenizer, scraping agitator, vacuum pump, and hydraulic pump for lifting, heating & cooling system. Vacuum pump takes the air bubbles out of mixed product, and extend the time of storage. Scraping unit is with moveable teflon scrapers to scrape off the materials on the tank wall and the anchor to move the materials to the center area to get better blending and mixing. The teflon scrapers are maintained manually and easily without any tool. The vacuum emulsifying equipment should be equipped with heating & cooling system which simplifies the processing. All food contacted parts of the equipment should be SUS316L	Equipped with high speed homogenizer	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)

Warranty, minimum.	12 months	.....months
MANUAL		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
OTHER REQUIREMENT		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**111. Nut roasting machine**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for nut roasting machine	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Automatic control operation (temperature control and variable speed drive for motor) 50-100kgs/hr Using natural gas for heating and 3phase electric motor for turning the	50-100kgs/hr	.....Specify

<p>drum. Comprising horizontal SS 304 drum. Equipped with energy saving gas stove with adjustable flame. The outer layer of the drum is made of high quality asbestos as the thermal insulation material, which has good performance of thermal insulation and high thermal efficiency The design of the machine should make it easy to load and pan out the finished product. Should be adaptable for roasting various kinds of seeds and nuts including peanuts, melon seeds, pine nut, hazelnut, almond, rapeseed, sesame, macadamia etc</p>	Yes	.....(Y/N)
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- ----

**112. Oil expeller – minimum 250kg/hr**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	

Country of origin	Specify	
Manufacture's literature and specifications for the oil expeller	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
The screw press machine should be able to press copra, sesame, walnut, sunflower seed, peanut, rapeseed and soybean. Should be equipped with micro electric control, infrared heating, vacuum filter, triple squeezing and multi-stage pressing. Main motor- 3- phase (5Kw)	250kg/hr	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____ (Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- ----

**113. Pop cereal machine**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	

Manufacture's literature and specifications for pop cereal machine	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Multi- grains with high pressure by fire, with collecting net, sound protector, dimension 1950 mm(L) * 600 (W) *800 (H),Box length 1250mm;Electricity 220V,50/60 Hz; capacity 4kg;5-6 shots /hr. Heating system; natural gas.	capacity 4kg;5-6 shots /hr	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- ----

**114. Drier**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for the Drier	Yes	

<b>Specifications</b>	Yes	.....(Y/N)
Power control system,fan,Electric element, capacity -8 shelf /drawers, power rating 80kg per batch.	80-100kg per batch	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**115. Sachet Packaging Machine**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for sachet packaging machine	Yes	
<b>Specifications</b>	Yes	.....(Y/N)

Multi-purpose powder grains, snack machine, packaging type: Bags, cans, case, film, pouch, stand up pouch; 15-70 Bags/Min.	15-70 Bags/Min	.....Specify
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

### 116. Colloidal Mill

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Capacity (L) 0.2 -4, motor 5 kw, speed 3000Rpm, particle size 20-70; stainless steel.	Capacity (L) 0.2 -4, motor 5 kw, speed 3000Rpm	.....Specify
<b>WARRANTY</b>		

Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**117. Aflatoxin Analyzer Kit**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for the aflatoxin analyzer Kit	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Complete kit consisting of elisa well plate, well reader, spatula, cylinder, methanol, wash bottle, weighing balance.	Complete kit consisting of elisa well plate, well reader, spatula, cylinder, methanol, wash bottle, weighing balance	.....(Y/N)
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months

MANUAL		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
OTHER REQUIREMENT		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**118. Raw egg washing and sterilizer**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for Raw egg washing and sterilizer	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Egg washing machine with disinfection function. Washing water temperature of 35oC and disinfection with 85oC. The machine to make hot water for disinfection. Machine Dimensions 910 x 640 x 1390 mm Machine Weight 172 Kg Machine Motor Power 3 x 7 kW Hourly Production Capacity 2,000 egg/hour	Hourly Production Capacity 2,000 egg/hour	.....Specify
WARRANTY		
	Yes	_____(Y/N)

Each machine to carry manufacturers statement of warranty		
Warranty, minimum.	12 months	.....months
MANUAL		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
OTHER REQUIREMENT		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**119. Egg yolk breaker and separator**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for <b>Egg yolk breaker and separator</b>	Yes	
<b>Specifications</b>	Yes	.....(Y/N)

<p>Automatically collects eggs from the tray by moving them over knives that break and flare shell. Subsequently, the white and the yolk to the gutter flow down together controller. The operator searches damaged egg yolks and remove them to the gutter drain; eggs, egg white, egg yolk, flow into the distributor, which redirects separate white and yolk. High hygienic standard of broken eggs. Equipped with a variable speed operation. Ability to adjust the height of the knives and the strength of their hitting especially for breaking eggs with weak shells. Quality control module disallowing weak yolks get into final product. Equipped with two operating modes precise, slow and functions for cleaning the pneumatic system.</p> <p>Machine Dimensions 1060 × 880 × 1200 mm  Machine Weight 120 Kg  Machine Motor Power 2 x 0,75 kW  Hourly Production Capacity 1600 egg/hour</p>	<p>Hourly Production Capacity  1100-1600 egg/hour</p>	<p>.....Specify</p>
<p><b>WARRANTY</b></p>		
<p>Each machine to carry manufacturers statement of warranty</p>	<p>Yes</p>	<p>_____(Y/N)</p>
<p>Warranty, minimum.</p>	<p>12 months</p>	<p>.....months</p>
<p><b>MANUAL</b></p>		
<p>All literature in English Language</p>	<p>Yes</p>	<p>_____(Y/N)</p>
<p>Repair manual/CD supplied</p>	<p>One per machine</p>	<p>_____(Y/N)</p>
<p>Parts catalogue/CD supplied</p>	<p>One per machine</p>	<p>_____(Y/N)</p>
<p>Operators handbook and service schedule Supplied</p>	<p>One per machine</p>	<p>_____(Y/N)</p>
<p><b>OTHER REQUIREMENT</b></p>		
<p>To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.</p>	<p>Yes</p>	<p>_____(Y/N)</p>
<p>Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof</p>	<p>Specify</p>	<p>_____</p>
<p>Names and locations of dealers/agents where back-up service can be obtained.</p>	<p>Specify</p>	<p>-----  -----specify-----  -----</p>

120. **Egg pasteurizer and filler**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for <b>Egg pasteurizer and filler</b>	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
<p>Plug and play system, requiring no need boiler for hot water and no homogenizer. Using rotor spinning heater allows to adjust precise temperatures for extended periods of time compared. Having rotor spinning heater to homogenize the product. Versatile to pasteurize, 100 % whole egg liquid or egg yolk and egg white liquid. The egg products will be fill into the pasteurization system balance tank from the products storage tanks using the transfer pump. The pump will be controlled by the automatic level controls in the balance tank. Using positive displacement pump, the product will be sent through to the regeneration section of the heat exchanger. Here the temperature of the product will be elevated to approximately 50°C – 55°C. After the regeneration section, the product will enter into the Rotary Spinning Heater, where will homogenize and raise the temperature by to 67°C. After Rotary Spinning Heater, the product will enter into the holding tubes for 3 minutes, where pasteurization is completed. From the holding tubes, the product will enter in the regeneration section and will be pre-chilled to approximately 25°C before entering into the cooling section. In the cooling section the product will be chilled to 2 - 4°C or below using the existing chilled system, and will go to the valve group that will send the product to packaging or recirculation. When the automatic system inform the operator that is arrived the desired temperature (about 2 - 4 ° C), the operator starts the filling machine. The finished product can be filled and packed in bag in box up to 20 l or a containers. Egg pasteurization line cleaning of all pasteurizing system manual/automatic with CIP system. Machine with compact design for minimum workshop space and low maintenance cost, plate heat exchanger.</p>	<p>Capacity 200-400 Lt. Air Pressure 6 Bar - 30 Nm<sup>2</sup>/h</p>	<p>.....Specify</p>

Machine Electrical Properties 5,5 Kw Capacity 200 Lt. Air Pressure 6 Bar - 30 Nm2/h Input Temperature 14 °C Pasteurization Temperature 63-67 °C Output Temperature 2-4 °C Holding Time 3 min.		
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<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)
Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)

Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**121. Pressurized Cooking Vat/Vacuum Pan**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for Pressurized cooking vat/vacuum pan	Yes	
<b>Specifications</b>	Yes	.....(Y/N)

<p>Product Description</p> <p>Voltage 220V/1Ph50Hz or as customized</p> <p>Automation Full,semi automatic</p> <p>Power 1.5kw</p> <p>Heating source steam ,gas,electric ,thermal</p> <p>Capacity 50kg -500kg per batch</p> <p>Steel grade All stainless SUS 304</p> <p>Specifications</p> <p>1.All stainless steel SUS304,durable and easy to clean. 2.Electric heating. 3. Bowl tilted to 360° hydraulically to allow easy discharge of materials. 4 .Powerful water circulated vacuum pump to decrease processing time 5.Kettle cover turning easily for opening and closing. 6.High Capacity: approx.600kg with one pot. 7. Watch glass for product Smart control panel</p> <p>All of buttons in this panel ,easy for operation,save manpower and_time ,no need for training. Inspection glass</p> <p>Check the color of materials through this hole. It is very convenient Automatic accessories</p> <p>Safety relief valve will be relief the pressure automatically according to the set before,ensure the nutrition of materials,ensure the safety</p>	<p>50kg -500kg per batch</p>	<p>.....Specify</p>
<p><b>WARRANTY</b></p>		
<p>Each machine to carry manufacturers statement of warranty</p>	<p>Yes</p>	<p>_____(Y/N)</p>
<p>Warranty, minimum.</p>	<p>12 months</p>	<p>.....months</p>
<p><b>MANUAL</b></p>		
<p>All literature in English Language</p>	<p>Yes</p>	<p>_____(Y/N)</p>
<p>Repair manual/CD supplied</p>	<p>One per machine</p>	<p>_____(Y/N)</p>
<p>Parts catalogue/CD supplied</p>	<p>One per machine</p>	<p>_____(Y/N)</p>

Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

**122. Vacuum pump**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER
Make	Specify	
Model	Specify	
Country of origin	Specify	
Manufacture's literature and specifications for <b>Vacuum pump</b>	Yes	
<b>Specifications</b>	Yes	.....(Y/N)
Sample Contents: Water only Pump Type: Rotary Vane Vacuum Pump Region: International Works With These Products: Freeze Dry Systems, Precise Controlled Atmosphere Glove Boxes, Protector Controlled Atmosphere Glove Boxes Displacement Capacity at 60 Hz (50 Hz): 117 (98) Liters/min Ultimate Vacuum: 2 x 10 <sup>-3</sup> m Bar	Freeze Dry Systems, Precise	.....(Y/N)
<b>WARRANTY</b>		
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)
Warranty, minimum.	12 months	.....months
<b>MANUAL</b>		
All literature in English Language	Yes	_____(Y/N)

Repair manual/CD supplied	One per machine	_____(Y/N)
Parts catalogue/CD supplied	One per machine	_____(Y/N)
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)
<b>OTHER REQUIREMENT</b>		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

### 123. **Extruder Machine**

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER
MAKE	-	_____(Y/N)
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Extruder 600 series- Chemical-free processing solution for providing a nutrient-dense product and exceptional ROI for products of meat, milk and eggs	Yes	_____ ------(Y/N)
b) Supplied new.	Yes	_____(Y/N)

#### 2. **PERFORMANCE.**

g)	Construction material	Stainless steel	-----Specify
h)	Capacity	272-365 kg/hr	-----Specify
i)	Drive	V-belt	-----Specify
j)	Power -Main Drive Motor	50Hp 37kw	-----Specify
k)	Power-Feeder Drive Motor	Top Feeder 1hp/0.75kw Side feeder 1hp/0.75kw	-----Specify
l)	Weight with Motor	636 kg	-----Specify
m)	Dimensions	158 L x 140H x 140W CM	-----Specify

### 3 ACCESSORIES

a ) Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)
b ) Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	
c ) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT		
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____ (Y/N)
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify----- -----

### 124. Colour Sorting Machine

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER
MAKE	-	_____ (Y/N)
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Colour Sorting Machine for sorting peanut, macadamias, cashews, almonds, pumpkin seeds, sunflower, cotton seeds and many more	Yes	_____ ----- (Y/N)
b) Supplied new.	Yes	_____ (Y/N)

### 2. PERFORMANCE.

b)	Mode (small channel)	6SXZ-378 (6R)	-----Specify
c)	Mode (wide channel)	6SXZ-252(6R)	-----Specify
d)	Channels	378/252	-----Specify
e)	Product output (t/h)	2.5-7.0	-----Specify
f)	Sorting Accuracy	+99.9	-----Specify
g)	Carryover Rate	+8:1	-----Specify

h)	Weight (kg)	1170	-----Specify
i)	Resolution	0.04	-----Specify
j)	Power (kw)	3.0	-----Specify
k)	Cooling	Fan Cooled	-----Specify
l)	Power Supply	220v/50hz	-----Specify
m)	Dimension (LxWxH)	2593x1640x2015	-----Specify

### 3 ACCESSORIES

a )	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b )	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	
c )	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----specify--- -----

### 125. Silage Making Machine

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER
MAKE	-	_____(Y/N)
MODEL	-	
COUNTRY OF ORIGIN	-	
a) Silage Making Machine any type of animal feed with is chopped well and any type of fruit & vegetable pulps like maize silage, wheat silage, alpha	Yes	_____ ------(Y/N)

silage, sugar beet pulp, wheat pulp and tomato pulp		
b) Supplied new.	Yes	_____ (Y/N)

**2. PERFORMANCE.**

b)	Capacity	5-8 tons/hour	-----Specify
c)	Kilogram Capacity	25-50kgs	-----Specify
d)	Power	15kw 380 volts	-----Specify
e)	Compressor	200 litres	-----Specify
f)	Compressor Pressure	6-8 Bar	-----Specify
g)	Machine Control	With Touchable LCD Screen	-----Specify
h)	Cylinder (piston) Working System	Pneumatic	-----Specify
i)	Machine Type	Mobile	-----Specify
j)	Weigh System	With 2 pcs 100 kg loadcell	-----Specify
k)	Packaging System	With press and vacuuming in bag	-----Specify
l)	Weighing Tolerance	+ - %2	-----Specify
m)	Hopper Working system	With chain	-----Specify
n)	Conveyor Feature	With adjustable speed control system by plc	-----Specify

**3 ACCESSORIES**

a )	Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)
b )	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	
c )	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	
OTHER REQUIREMENT			
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____ (Y/N)
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	-----specify----- -----

**OTHER AGRICULTURAL ACCESSORIES AND IMPLEMENTS**

<b>LINE ITEM</b>	<b>DESCRIPTION OF GOODS</b>	<b>QUANTITY AND PHYSICAL UNIT</b>	<b>MAKE/MODEL/COUNTRY OF ORIGIN</b>	<b>TENDERER'S RESPONSE</b>
1	Agricultural Implements (4-Disc-Plough)	As and When Required (AWR)		
2	Non-Tipping Trailer, 6 Ton	As and When Required (AWR)		
3	Non-Tipping Trailer, 4 Ton	As and When Required (AWR)		
4	Lawn Mower 5-6 HP	As and When Required (AWR)		
5	Agricultural Implements (Row Crop Planter –4 Rows)	As and When Required (AWR)		
6	Lateral Boom Sprayer	As and When Required (AWR)		
7	Hay Baler, Tractor Operated	As and When Required (AWR)		
8	Towed Concrete Mixer, Self Loading	As and When Required (AWR)		
9	Tipping Trailer, 4Ton	As and When Required (AWR)		
10	Tipping Trailer, 6Ton	As and When Required (AWR)		
11	Non-Tipping Trailer, 3 Ton	As and When Required (AWR)		
12	Chisel Plough	As and When Required (AWR)		
13	Agricultural Implements (20-Disc Harrow)	As and When Required (AWR)		
14	Forage Harvester/Chopper, Two Rows	As and When Required (AWR)		
15	Agro Tunnels (9X15) mtrs Complete with 5,000 ltrs Portable Water Tank	As and When Required (AWR)		
16	Milk Cooling Tank 10,000 Lts	As and When Required (AWR)		
17	Milk Cooling Tank 7,000 Lts	As and When Required (AWR)		
18	Milk Cooling Tank 5,000 Lts	As and When Required (AWR)		
19	Milk Cooling Tank 4,000 Lts	As and When Required (AWR)		
20	Milk Cooling Tank 3,200 Lts	As and When Required (AWR)		
21	Milk Cooling Tank 2,000 Lts	As and When Required (AWR)		
22	Milk Cooling Tank 1,600 Lts	As and When Required (AWR)		

23	Milk Dispensers 1,000ltrs	As and When Required (AWR)		
24	Milk Dispensers 500ltrs	As and When Required (AWR)		
25	Milk Dispensers 250ltrs	As and When Required (AWR)		
26	Mini Crawler Crane 2.3T	As and When Required (AWR)		
27	Mower 12HP Lawn	As and When Required (AWR)		
28	Agric Implements Harrow 3 Disc	As and When Required (AWR)		
29	Agric Implements 3 Disc Plough	As and When Required (AWR)		
30	Row Crop Planter-4 Rows	As and When Required (AWR)		
31	WaterPump Diesel Engine Driven	As and When Required (AWR)		
32	Water Pump 75mm, Petrol Engine Driven Final	As and When Required (AWR)		
33	Pallet Trolley 2T	As and When Required (AWR)		
34	Pallet Trolley 3T	As and When Required (AWR)		
35	Pallet Trolley 4T	As and When Required (AWR)		
37	3 POINT ATTACHMENT (TOWED) SOIL STABILIZER	As and When Required (AWR)		
38	Field Kitchen Trailer 2 Ton	As and When Required (AWR)		
39	Two Wheel Tractor	As and When Required (AWR)		
40	MOBILE DOUBLE CYLINDER PRE HEATER	As and When Required (AWR)		
41	SINGLE CYLINDER PRE HEATER	As and When Required (AWR)		

#### AGRICULTURAL EQUIPMENT & ACCESSORIES

LINE ITEM	DESCRIPTION OF GOODS	QUANTITY AND PHYSICAL UNIT	TENDERER'S RESPONSE
1	Single line box girder type steel multi span bridge 17.4m, 22.8m, 40.2m, 32.2, 17.4m	As and When Required (AWR)	
	Single lane 400m wide		
	Box grinder		
	Anti-skid deck or reinforced concrete deck		

	80 ton vehicles neck to neck		
	Min. 2000000		
2	Pontoons complete HFB comprises of 2 end sections and 1 middle section length 4.720mm, width 1250kg, load capacity 20centimeter, frees board ca. 260kg Ma load capacity (full sinking) ca. 4400kg, middle: length 4200mm weight 1185kg	As and When Required (AWR)	
3	Complete Powder Coating Line		
4	Drag bit 12 inch (305mm) 3wing	As and When Required (AWR)	
5	Drag bit 10 inch (254mm) 3wing	As and When Required (AWR)	
6	Drag bit 8 inch (200mm) 3wing	As and When Required (AWR)	
7	Drag bit 6 inch (150mm) 3wing	As and When Required (AWR)	
8	Lock roller 15 inch (254mm)	As and When Required (AWR)	
9	Lock roller 12 inch (254mm)	As and When Required (AWR)	
10	Lock roller 10 inch (254mm)	As and When Required (AWR)	
11	Lock roller 8 inch (200mm)	As and When Required (AWR)	
12	Hammer bit 12 inch/DHT hammer	As and When Required (AWR)	
13	Casing 6''/Screens	As and When Required (AWR)	
14	Casing 8''/Screens	As and When Required (AWR)	
15	Casing 10''/Screens	As and When Required (AWR)	
16	Casing 12''/Screens	As and When Required (AWR)	
17	Metal Jerry Can Green Colour JC001- 5ltr	As and When Required (AWR)	
18	Metal Jerry Can Green Colour JC003-10ltr	As and When Required (AWR)	
19	Metal Jerry Can Green Colour JC007-20ltr	As and When Required (AWR)	
20	Metal Jerry Can Horizontal Type Red Colour JC016-10ltr	As and When Required (AWR)	

21	Hand Grease Gun Heavy Duty QH013-500g	As and When Required (AWR)	
22	Grease Bucket Pump HP025-5kg	As and When Required (AWR)	
23	Grease Bucket Pump HP027-16kg	As and When Required (AWR)	
24	Grease Bucket Pump Blue With Wheewl HP032-20kg	As and When Required (AWR)	
25	High Pressure Electric Grease / Oil Pump Blue EP002-25kg	As and When Required (AWR)	
26	Pneumatic Grease Oil Filling Machine PP006-16ltr	As and When Required (AWR)	
27	Oil Bucket Pump HP025-5ltr	As and When Required (AWR)	
28	Oil Bucket Pump HP027-16ltr	As and When Required (AWR)	
29	Barrel Pump Manual Black Colour HP002	As and When Required (AWR)	
30	Pipe wrench 24 inch	As and When Required (AWR)	
31	Pipe wrench 36 inch	As and When Required (AWR)	
32	Pipe wrench 48 inch	As and When Required (AWR)	
33	Pipe wrench 4 inch jaw	As and When Required (AWR)	
34	Chain tongs for 6 inch pipe	As and When Required (AWR)	
35	Casing clamps for 150-300mm	As and When Required (AWR)	
36	Casing elevator 150-300mm	As and When Required (AWR)	
37	Formation sample boxes	As and When Required (AWR)	
38	30M by DN 75 Air hose	As and When Required (AWR)	
39	DN 75 Male and Female coupling	As and When Required (AWR)	
40	Copper grease	As and When Required (AWR)	
41	Spearhead assembly (HQ) complete set	As and When Required (AWR)	
42	Overshot assembly (NQ)	As and When Required (AWR)	
43	Water swivel (NQ) 2500TC	As and When Required (AWR)	
44	Fishing tap HW	As and When Required (AWR)	
45	Spearhead assembly (HQ)	As and When Required	

	set	(AWR)	
46	Spearhead assembly (HQ)	As and When Required (AWR)	
47	Water swivel (NQ) 25000TC	As and When Required (AWR)	
48	Fishing tap (NQ)	As and When Required (AWR)	
49	Fishing tap (NW)	As and When Required (AWR)	
50	Surface set HQ bits 5 No. and 5No. serrated ones	As and When Required (AWR)	
51	Surface set NQ bits 5 No. and 5No. serrated ones	As and When Required (AWR)	
52	Barrel assembly HQ-3M	As and When Required (AWR)	
53	Barrel assembly NQ-3M	As and When Required (AWR)	
54	Casing shoe HW	As and When Required (AWR)	
55	Casing shoe NW	As and When Required (AWR)	
56	High pressure water hose 13M 1.5	As and When Required (AWR)	
57	Water pump 6.5 HP inlet/outlet =3	As and When Required (AWR)	
58	48'' (HD) pipe wrench	As and When Required (AWR)	
59	36'' (HD) pipe wrench	As and When Required (AWR)	
60	24'' (HD) pipe wrench	As and When Required (AWR)	
61	12'' (HD) pipe wrench	As and When Required (AWR)	
62	HQ inner tube wrench	As and When Required (AWR)	
63	Hard wood timber planks 12 by 12 by 14 ft	As and When Required (AWR)	
64	Scintilometer	As and When Required (AWR)	
65	Geiger muller tube with rate meter	As and When Required (AWR)	
66	Arc gis version 10.1	As and When Required (AWR)	
67	Magnetulluric	As and When Required (AWR)	
68	Transint electromagnetic	As and When Required (AWR)	
69	CG-5 gravimeter batteries	As and When Required	

		(AWR)	
70	ENVIMAG batteries	As and When Required (AWR)	
71	Suction pipe	As and When Required (AWR)	
72	High pressure water suction hose	As and When Required (AWR)	
73	Nickel ¼ ‘’ splices	As and When Required (AWR)	
74	AXL to NW casing pin	As and When Required (AWR)	
75	Mud pump plunger rubber sets for CS 3001 mud pump	As and When Required (AWR)	
76	Drilling oil	As and When Required (AWR)	
77	Drilling grease	As and When Required (AWR)	

### AGRICULTURE TRACTOR EQUIPMENT & ACCESSORIES

S/N O	ITEM DESCRIPTION		TENDERER'S RESPONSE	COMPLIANCE
<b>1.</b>	<b>Track assy</b>	<b>All plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>2.</b>	<b>Link assy</b>	<b>All plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			

	Sanny			
3.	<b>Idler assy</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
4.	<b>Sproket assy</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
5.	<b>Top roller</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
6.	<b>Bottom Roller</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			

	Terex			
	Volvo			
	Case			
	Sanny			
<b>7.</b>	<b>Diff Assy</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>8.</b>	<b>Transmissiom assy</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>9.</b>	<b>Top half engine assy</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>10.</b>	<b>Bottom half engine assy</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			

	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>11.</b>	<b>Starter assy 24V</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>1 2 .</b>	<b>Alternator assy 24V</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>1 3 .</b>	<b>Cutting edges 7"</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			

	Terex			
	Volvo			
	Case			
	Sanny			
<b>1 4 .</b>	<b>Cutting edges 6"</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>1 5 .</b>	<b>Cutting edge dozers</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>1 6 .</b>	<b>End Bits</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			

	Case			
	Sanny			
<b>17.</b>	<b>Ripper tips</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>18.</b>	<b>Wheel Rim Assy</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>28.</b>	<b>Radiator Assy</b>	<b>All Plants</b>		
	Catapillar			
	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>29.</b>	<b>Bucket Assy</b>	<b>All Plants</b>		
	Catapillar			

	Komatsu			
	Shantui			
	Tiangog			
	XCMG			
	Changlin			
	Terex			
	Volvo			
	Case			
	Sanny			
<b>30.</b>	<b>Diff assy</b>	<b>All Trucks</b>		
	Sino			
	Daewoo			
	Dongfeng			
	Yutong			
	Schacman			
	Steyr			
	Toyota			
	Hino			
	Mercedes			
	Mitsubishi			
<b>31.</b>	<b>Transmission assy</b>	<b>All Trucks</b>		
	Sino			
	Daewoo			
	Dongfeng			
	Yutong			
	Schacman			
	Steyr			
	Toyota			
	Hino			
	Mercedes			
	Mitsubishi			
<b>32.</b>	<b>Top half engine assy</b>	<b>All Trucks</b>		
	Sino			
	Daewoo			
	Dongfeng			
	Yutong			
	Schacman			
	Steyr			

	Toyota			
	Hino			
	Mercedes			
	Mitsubishi			
<b>33.</b>	<b>Bottom half engine assy</b>	<b>All Trucks</b>		
	Sino			
	Daewoo			
	Dongfeng			
	Yutong			
	Schacman			
	Steyr			
	Toyota			
	Hino			
	Mercedes			
	Mitsubishi			
<b>34.</b>	<b>Starter assy</b>	<b>All Trucks</b>		
	Sino			
	Daewoo			
	Dongfeng			
	Yutong			
	Schacman			
	Steyr			
	Toyota			
	Hino			
	Mercedes			
	Mitsubishi			
<b>35.</b>	<b>Alternator Assy</b>	<b>All Trucks</b>		
	Sino			
	Daewoo			
	Dongfeng			
	Yutong			
	Schacman			
	Steyr			
	Toyota			
	Hino			
	Mercedes			
	Mitsubishi			
<b>36.</b>	<b>Wheel Rim Assy</b>	<b>All</b>		

		Trucks		
	Sino			
	Daewoo			
	Dongfeng			
	Yutong			
	Schacman			
	Steyr			
	Toyota			
	Hino			
	Mercedes			
	Mitsubishi			

## **TECHNICAL EVALUATION CRITERIA**

1. In this stage, specifications of Agricultural Equipment Accessories offered by the bidders will be examined and compared with the requirement's specifications provided.
2. Full compliance will be required in this stage and bidder will proceed to the next stage of evaluation.
3. Minor technical deviations may be accommodated.
4. Major technical deviations however, will lead to disqualification and tenderer will not proceed to financial evaluation.
5. Bidders will be required to use the forms below to make their response. The response should be comprehensive and manufacturer's brochures highlighted as appropriate.

# AGRICULTURAL EQUIPMENT ACCESSORIES

## SCHEDULE OF REQUIREMENTS

### 1. NON-TIPPING TRAILER, 6 TON

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
MAKE	-	_____	
MODEL	-	_____	
COUNTRY OF ORIGIN	-	_____	
MANUFACTURER'S LITERATURE, AUTHORITY DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)	
Submitted Drawings to Give the Following Views:	Y	_____(Y/N)	
a) Plan view	Y	_____(Y/N)	
b) Side elevation	Y	_____(Y/N)	
c) Rear elevation	Y	_____(Y/N)	
d) Detailed drawings showing cross-sectional members, arrangement and rams fitting	Y	_____(Y/N)	

#### 1. GENERAL

a) A heavy duty, single /double axle, all steel body, non-tipping trailer	Yes specify	_____(Y/N) -----	
b) Supplied new.	Yes	_____(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
d) Low-speed trailer for use with medium duty agricultural tractor	Yes	_____(Y/N)	

#### 2. DIMENSIONS, WEIGHT AND CAPACITY

a) Overall body length, approx.	4,900mm	_____mm	
b) Overall width, approx.	2,100mm	_____mm	
c) Overall height, from the ground level.	1,400mm	_____mm	
d) Body length, approx.	3,600mm	_____mm	
e) Body internal depth, min	500mm	_____mm	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
f) Weight carrying capacity, min.	6,000 Kg	_____ Kg	

**3. CHASSIS**

a) Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	152 mm x 76 mm	x mm	
b) Channels box sections through the body and single channels for outer longitudinal members.	Yes, Yes	_____(Y/N)	
c) Cross members suitably spaced apart to provide adequate body support	Specify spacing	_____mm	
d) Load transferred to tractor draw bar on full load, max.	3.0 Ton	_____ Ton	
e) Sub-frame fabricated from 5" x 2" channels	5" x 2" channels	_____	
f) Main chassis fabricated from 6" x 3" heavy duty channels.	6" x 3" channels	_____	

**4. BODY**

a) Struck volumetric capacity, min	4 cu. m	_____ cu. m	
b) Body floor constructed out of 3mm thick m/s plate	Yes	_____(Y/N)	
c) Body floor supported by thick channels of 4.5 mm thickness, min.	4.5 mm	_____mm	
d) Sides and headboard constructed out of 2.5mm plate (min.), supported with reinforcements at a maximum of 700 mm apart	Yes	_____(Y/N)	
e) Both sides to be drop type for easy loading/off-loading	Yes	_____(Y/N)	
f) Rear tail gate of same construction as headboard and sides with spacing of supports at max. 600mm	Yes	_____(Y/N)	
g) All hinges to be of robust heavy duty type	Yes	_____(Y/N)	

**5. AXLE**

a) Dead axle, twin /single	6 Ton specify	_____(Y/N) -----	
b) Axle main beam made out of square axle steel or high tensile steel	specify	_____	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
c) Stubs supported by hot rolled channels with necessary stiffeners	Yes	_____(Y/N)	
d) Wheel track, approx.	1600mm	_____ mm	

**6. DRAW BAR**

a) Comprising 2 No. hot rolled channels of size	152 x 76 x 6 mm	_____ mm	
b) Fitted with mechanical parking brake.	Yes	_____(Y/N)	
c) Complete braking system <u>bolted</u> to the drawbar for easy replacement and service.	Yes	_____(Y/N)	
d) Towing hitch, of alloy steel should be capable of carrying up to 6 tons vertical load of trailer	Yes, specify load	_____	
e) Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	_____	

**7. TYRES AND WHEELS**

a) Locally available, trailer type tyre with tube	750x16 - 12 Ply	_____	
b) Rim size	750x16	_____	
c) Wheel studs, LH & RH threads, of high tensile steel, size min.	6xM18	_____	
d) Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)	

**8. PAINTING**

a) Chassis and body steelwork to be thoroughly cleaned before application of paint	Yes, <b>Mandatory</b>	_____ _____	
b) At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____	
c) Two coats one coat of gloss finish paint to be applied, user to specify colour.	Yes, <b>Mandatory</b>	_____(Y/N)	
d) Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	Yes <b>(Mandatory)</b>	_____(Y/N)	

**9. EQUIPMENT (ACCESSORIES) ETC**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
a) List, if any, of optional equipment	Specify	_____ _____ _____ _____ _____ _____ _____ _____ _____	

**10. WARRANTY**

a) Each trailer supplied should carry a statement of warranty.	Yes <b>(Mandatory)</b>	(Y/N)	
b) Trailer warranty min.,	Specify	months	

**11. MANUALS**

a) All literature in English language	Yes <b>(Mandatory)</b>	(Y/N)	
b) Repair Manual, supplied.	1 set per trailer	(Y/N)	
c) Parts catalogue supplied.	1 set per trailer	(Y/N)	
d) Operators handbook and service schedule supplied.	1 set per trailer	(Y/N)	

**12. OTHER REQUIREMENTS.**

a) Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
b) Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
c) Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)	

## 2. NON-TIPPING TRAILER, 4 TON

### TENDERER'S SPECIFICATION Column to be completed by ALL

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
MAKE	-	_____	
MODEL	-	_____	
COUNTRY OF ORIGIN	-	_____	
MANUFACTURER'S LITERATURE, AUTHORITY DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)	
Submitted Drawings to Give the Following Views:	Y	_____(Y/N)	
a) Plan view	Y	_____(Y/N)	
b) Side elevation	Y	_____(Y/N)	
c) Rear elevation	Y	_____(Y/N)	
d) Detailed drawings showing cross-sectional members, arrangement and rams fitting	Y	_____(Y/N)	

#### 1. GENERAL

a) A heavy duty, single axle, all steel body, non-tipping trailer	Yes <b>(MANDATORY)</b>	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
d) Low-speed trailer for use with medium duty agricultural tractor	Yes	_____(Y/N)	
e) With draw bar and P.T.O. links and suitable for towing with agri-tractors.	Yes <b>(MANDATORY)</b>	_____(Y/N)	

#### 2. DIMENSIONS, WEIGHT AND CAPACITY

a) Overall body length, approx.	4,200mm	_____mm	
b) Overall width, approx.	2,100mm	_____mm	
c) Overall height, from the ground level.	1,400mm	_____mm	
d) Body length, min.	4,000mm	_____mm	
e) Body internal depth, min	500mm	_____mm	
f) Weight carrying capacity, min.	4,000 Kg	_____Kg	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
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**3. CHASSIS**

a)	Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	127 mm x 64 mm	x mm	
b)	Channels box sections through the body and single channels for outer longitudinal members.	Yes, Yes	_____(Y/N)	
c)	Cross members suitably spaced apart to provide adequate body support	Specify spacing	_____mm	
d)	Load transferred to tractor draw bar on full load, range.	2 Ton	_____ Ton	
e)	Sub-frame fabricated from 4" x 2" channels	6" x 3" channels	_____	

**4. BODY**

a)	Truck volumetric capacity, min	3.2 cu. m	_____ cu. m	
	Body dimensions	3200x2000x500mm		
b)	Body floor constructed out of 3.2mm min. thick m/s plate	Yes	_____(Y/N)	
c)	Body floor supported by thick channels of 4.5 mm thickness, min.	4.5 mm	_____mm	
d)	Sides and headboard constructed out of 3mm m/s plate (min.), supported with vertical reinforcements at a maximum of 800 mm apart	Yes	_____(Y/N)	
e)	Both sides to be drop type for easy loading/off-loading	Yes	_____(Y/N)	
f)	Rear tail gate of same construction as headboard and sides with spacing of supports at max. 600mm	Yes	_____(Y/N)	
g)	All hinges to be of robust heavy duty type	Yes	_____(Y/N)	

**5. AXLE**

a)	Slow speed axle, rating	4 Ton	_____(Y/N)	
b)	Axle main beam made of square bar or high tensile steel	Specify	_____	
c)	Stubs supported by hot rolled channels with necessary stiffeners	Yes	_____(Y/N)	
d)	Wheel track, approx.	1600mm	_____ mm	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
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**6. DRAW BAR**

a)	Comprising 2 No. hot rolled channels of size	127 x 64 x 6 mm	_____ mm	
b)	Fitted with mechanical parking brake.	Yes	_____(Y/N)	
c)	Complete braking system <u>bolted</u> to the drawbar for easy replacement and service.	Yes	_____(Y/N)	
d)	Towing hitch, of alloy steel should be capable of carrying up to 3 tons vertical load of trailer	Yes, specify load	_____	
e)	Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	_____	
f)	Towing Hook to be compatible with that for 30 – 80HP agricultural tractor	Yes	_____(Y/N)	

**7. TYRES AND WHEELS**

a)	Locally manufactured, trailer type tyre with tube	750x16 – 16 Ply	_____	
b)	Rim size	750x16	_____	
c)	Wheel studs, LH & RH threads, of high tensile steel, size min. (Min. 5 No. studs per hub)	6xM18 (Yes)	_____(Y/N)	
d)	Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)	

**8. PAINTING**

a)	Chassis and body steelwork to be thoroughly cleaned before application of paint	Yes, <b>Mandatory</b>	_____ _____	
b)	At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____	
c)	Two coats one coat of gloss finish paint to be applied, user to specify colour.	Yes, <b>Mandatory</b>	_____(Y/N)	
d)	Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	Yes <b>(Mandatory)</b>	_____(Y/N)	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
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**9. EQUIPMENT (ACCESSORIES) ETC**

a)	List, if any, of optional equipment	Specify	_____ _____ _____ _____ _____ _____ _____ _____ _____	
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**10. WARRANTY**

a)	Each trailer supplied should carry a statement of warranty.	Yes <b>(Mandatory)</b>	(Y/N)	
b)	Trailer warranty min, 12 months.	Specify	months	

**11. MANUALS**

a)	All literature in the English language	Yes <b>(Mandatory)</b>	(Y/N)	
b)	Repair Manual, supplied.	1 set per trailer	(Y/N)	
c)	Parts catalogue supplied.	1 set per trailer	(Y/N)	
d)	Operators handbook and service schedule supplied.	1 set per trailer	(Y/N)	

**12. OTHER REQUIREMENTS.**

a)	Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
b)	Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act Cap 403 prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
c)	Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)	

### **3. LAWN MOWER 5-6 HP**

#### **TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
	MAKE	-	_____	
	MODEL	-	_____	
	COUNTRY OF ORIGIN	-	_____	
	MANUFACTURER'S LITERATURE, AUTHORITY AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)	

#### 1. GENERAL

a)	A standard production, lawn mower of latest design in robust construction and in current production.	Yes, Yes, Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
d)	Suitable for mowing all types of grass.	Yes	_____(Y/N)	

#### 2. DIMENSIONS, WEIGHTS AND PERFORMANCE

a)	Overall length, (excluding catcher) approx.	1600mm	_____mm	
b)	Overall width, approx.	600mm	_____mm	
c)	Cut width, approx..	500mm	_____mm	
d)	Gross machine weight.	120Kg	_____kg	

#### 3. ENGINE

a)	Make	-	_____	
b)	Model	-	_____	
c)	Country of origin	-	_____	
d)	Performance curves supplied	Yes	_____(Y/N)	
e)	Engine type.	2/4 stroke diesel	_____	
f)	Engine cooling system.	Air	_____	
g)	Piston displacement, approx.	Specify	_____cc	
h)	Number of cylinders	Specify	_____No.	
i)	Maximum power output min.	5-6 HP	_____Hp	
j)	Air filter, disposable/oil bath	Specify	_____	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
k)	Oil and fuel filter type	Disposable	_____	
l)	Fuel tank capacity, approx.	Specify	_____ Lt	

4. TRANSMISSION

a)	Belt driven through hardened gears	Yes	_____(Y/N)	
b)	Speeds, 2 forward and 1 reverse	Yes	_____(Y/N)	

5. CUTTING DECK, WHEELS, BRAKES

a)	Easily removable cutter blades	Yes	_____(Y/N)	
b)	Width of cut.	500mm	_____mm	
c)	Cutting height, adjustable	10mm- 90mm	_____mm	
d)	Swivel front wheels	Yes	_____	
e)	Rear wheels, size.	320mm	_____mm	
f)	Service brakes	Hydraulic	_____	
i)	Parking brake	Manual	-----	

6. EQUIPMENT (OR ACCESSORIES) ETC.

a)	Wheel brace and all manufacturer's standard tools, supplied.	Yes	_____(Y/N)	
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#### 4. AGRICULTURAL IMPLEMENTS (ROW CROP PLANTER –4 ROWS)

##### TENDERER'S SPECIFICATION Column to be completed by ALL

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
	Make	-		
	Model	-		
	Country of origin	-		
	MANUFACTURER'S LITERATURE, AUTHORITY, DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)	

##### 1. GENERAL

a)	A Standard production row crop planter (seed drill) made in conformity with the current agriculture conditions, latest design, in current production, marketed in Kenya.	Yes, Yes, Yes	_____(Y/N)	
b)	Supplied new, with fine seed hopper.	Yes, Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical soils and conditions. Designed to meet medium and small field requirements.	Yes, Yes	_____(Y/N)	
d)	Suitable for use with 60-80Hp agricultural tractors and hydraulically operated from the tractor PTO point.	Yes	_____(Y/N)	
e)	Medium capacity seed / crop and fertilizer hoppers with floating spiral fertilizer type distributor and rotor.  Seed distribution system to have assorted plates for different crops and furrower / point for corn or equivalent system.	Yes, Yes  specify	_____(Y/N)  -----	

##### 2. DIMENSIONS AND WEIGHTS.

a)	Gearbox with combinations of speed for fertilizer distribution regulation.	Specify no. of combinations	_____	
b)	Seeding row units with flexible tynes complete with points	Yes	_____mm	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
c)	Hitch beam with with regulator and mechanical jack. Frame width approx.	Yes 3,500mm	_____(Y/N) _____mm	
d)	Transmission system with gearing for finishing operation	Specify	_____	
e)	Disc/wheel for fertilizer and seed compaction	Yes	Y/N	
f)	Useful width approx	2900mm	_____mm	
g)	Total width 3500mm approx.	Specify	_____mm	
h)	Hopper capacity by weight approx. 1.Grain 2.Pasture seed 3.Fertilizer 4.Wheat 5.beans 6.Barley	Specify	-----Kg	
i)	Seed case volume min.	50lts	-----lts	
h)	Micro granulators with 3-9 outlets capacity  approx.	40-200lt	-----lt	
J)	Approx weight of machine	700kg	-----Kg	
k)	Fertilizer hopper capacity range	50-250lt	-----lt	
l)	Total height of machine	Specify	-----mm	
m)	Total length	Specify	-----mm	
n)	Row spacing	150-1200mm	-----mm	
o)	Working depth approx.	150mm	-----mm	

**EQUIPMENT (ACCESSORIES) ETC**

Manufacturers complete tools kit supplied	Yes	_____(Y/N)	
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**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
	Comprehensive list of standard and specialized tools to be supplied with the implements.	Specify	_____	
	Any other equipment that manufacturer deems necessary for optimum efficiency of the implements.	Specify	_____	
<b>WARRANTY</b>				
	Specimen of warranty to be submitted when tendering	Yes, <b>Mandatory</b>	_____(Y/N)	
	Each implement to carry manufacturers statement of warranty	Yes	_____(Y/N)	
	Implement warranty, 1 year min.	Specify	Years	
	Warranty against corrosion, min	Specify	Years	
<b>OTHER REQUIREMENT</b>				
	The Chief Mechanical and Transport Engineer will inspect Implements prior to delivery to the user.	Yes	_____(Y/N)	
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- ----- -----	
<b>MANUALS</b>				
	All literature in English Language	Yes	_____(Y/N)	
	Repair manual supplied	One per machine	_____(Y/N)	
	Parts catalogue supplied	One per machine <b>Mandatory</b>	_____(Y/N)	
	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

## 5. LATERAL BOOM SPRAYER

### TENDERER'S SPECIFICATION Column to be completed by ALL

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
	Make	-		
	Model	-		
	Country of origin	-		
	Manufacturer's literature, authority and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)	

#### 1. GENERAL

a)	A Standard production lateral boom sprayer made in conformity with the current agriculture conditions, latest design, in current production, marketed in Kenya.	Yes, Yes, Yes	_____(Y/N)	
b)	Supplied new.	Yes, Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical soils and conditions. Designed to meet medium and small field requirements.	Yes, Yes	_____(Y/N)	
d)	Suitable for use with 40-80Hp agricultural tractors and hydraulically operated from the tractor PTO point.	Yes	_____(Y/N)	
e)	Tractor mounted type	Yes	_____(Y/N)	
f)	Suitable for spraying and distributing herbicides/agrochemicals.	Yes	_____(Y/N)	

#### 2. DIMENSIONS , WEIGHTS, PERFORMANCE.

a)	Tubular section in stainless steel lateral boom, foldable.	Yes  mechanically / hydraulically driven	_____(Y/N)  -----	
b)	Nozzles made of hard wearing material -brass, ceramic etc.	Specify nozzle material and No.	-----  -----	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
c)	Fitted with a pesticide /agrochemicals resistant tank with baffle plates.	Yes	_____(Y/N)	
d)	Fitted with a suitable agitator.	Yes  Mechanical/hydraulic	-----Y/N  -----	
e)	Fitted with pump, suitable pressure regulator and gauges.	Yes	_____(Y/N)	
f)	Fitted with a suitable filter.	Yes	_____(Y/N)	
g)	Delivery rate	50lts/min	-----lts/min.	
h)	Max. pressure approx.	15bar	-----bar	
i)	Approx weight of machine	250kg	-----Kg	
J)	Tank capacity range	600-1000lt	-----lt	
k)	Total height of machine	500-1500mm	-----mm	
l)	Total length approx.	1200mm	-----mm	
m)	Total width approx.	1000mm	-----mm	

**3. EQUIPMENT (ACCESSORIES) ETC**

a)	Manufacturers complete tool kit supplied	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the sprayer.	Specify	_____	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the implements	Specify	_____	

**4. WARRANTY**

a)	Specimen of warranty to be submitted when tendering.	Yes, <b>Mandatory</b>	_____(Y/N)	
b)	Each sprayer to carry manufacturers statement of warranty	Yes	_____(Y/N)	
c)	Sprayer warranty min.	1year	Years	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
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**5. OTHER REQUIREMENT**

a)	The Chief Mechanical and Transport Engineer will inspect Implements prior to delivery to the user.	Yes	_____(Y/N)	
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----	

**6 MANUALS**

a)	All literature in English Language	Yes	_____(Y/N)	
b)	Repair manual supplied	One per machine	_____(Y/N)	
c)	Parts catalogue supplied	One per machine <b>Mandatory</b>	_____(Y/N)	
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

## **6. HAY BALER, TRACTOR OPERATED**

### **TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
	Make	-		
	Model	-		
	Country of origin	-		
	Manufacturer's literature , authority and specifications supplied along with this tender.	Yes (Mandatory)	(Y/N)	

#### **1. GENERAL**

a)	A Standard production hay baler, tractor operated made in conformity with the current agriculture statutes, latest design, in current production, marketed in Kenya.	Yes, Yes, Yes	_____(Y/N)	
b)	Supplied new.	Yes, Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical conditions. Designed to meet medium field requirements.	Yes, Yes	_____(Y/N)	
d)	Suitable for use with agricultural tractors of 40-80HP.	Yes (Mandatory)	(Y/N)	
e)	Operated by tractor P.T.O. shaft.	Yes (Mandatory)	(Y/N)	
f)	Suitable for high density, small size, rectangular shaped, easy to handle hay bales.	Yes	_____(Y/N)	

#### **2. DIMENSIONS, WEIGHTS, PERFORMANCE.**

a)	Width without chute length approx.	5.5m	-----m	
b)	Width approx.	2.6m	-----m	
c)	Height approx.	1.4m	-----m	
d)	Track width approx.	2.4m	-----m	
e)	Gathering width including flare	1.7m	-----m	
f)	With feeder crankshaft –inner 3No tines shear	specify		

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
	bolt protected			
	Outer 3No tines			
g)	Ram strokes approx.	90/min	-----strokes/min	
h)	Bale chamber measurements approx.wxh	460x360mm	----mmx---mm	
i)	Bale length range	0.4-1.1m	-----m	
j)	Weight of machine approx.	1200-1500kg	-----Kg	
k)	Knotters min.	2No	.....No	
l)	Twine box spools approx.	8No	.....No	
<b>3 OTHER REQUIREMENTS</b>				
a)	With a suitable drive system, a thorough pick up system, robust feeder arms, crop guard, baling channel , angled stationary knife, with galvanised sheet metal etc.	specify		
b)	With a height adjustable guide wheel	Yes	_____(Y/N)	
c)	With a bale density adjustable mechanism			
d)	Capable of tying bales with sisal/synthetic twine.	Yes	_____(Y/N)	
e)	With a suitable overload protection	Yes	_____(Y/N)	
f)	Capable of using short fluffy materials as well as long stringy crops.	Yes	_____(Y/N)	
g)	Adjustable drawbar/support jack	Yes	_____(Y/N)	
h)	2No. Tyres sizes right - 10/80-12 4PR  Left-11.5/80-15.3 6PR	specify		

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
<b>ACCESSORIES</b>				
	Manufacturers complete tool kit supplied.	Yes	_____(Y/N)	
	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	_____	
	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	
<b>WARRANTY</b>				
	Specimen of warranty to be submitted when tendering	Yes, Mandatory	_____(Y/N)	
	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
	Warranty, 1 year min.	Specify	Years	
<b>OTHER REQUIREMENT</b>				
	The Chief Mechanical and Transport Engineer will inspect machine prior to delivery to the user.	Yes	_____(Y/N)	
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----	
	To train staff on usage/maintenance of the machine.	Yes	_____(Y/N)	
<b>MANUALS</b>				
	All literature in English Language	Yes	_____(Y/N)	
	Repair manual/CD supplied	One per machine Mandatory	_____(Y/N)	
	Parts catalogue/CD supplied	One per machine Mandatory	_____(Y/N)	
	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

## 7. TOWED CONCRETE MIXER, SELF LOADING

### TENDERER'S SPECIFICATION Column to be completed by ALL

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
MAKE	-	_____	
MODEL	-	_____	
COUNTRY OF ORIGIN	-	_____	
MANUFACTURER'S LITERATURE, AUTHORITY AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)	
DETAILED SYSTEM-LAYOUT DRAWINGS FOR 1) FRONT 2) SIDE 3) PLAN ELEVATION TO BE SUBMITTED WHEN TENDERING	Yes <b>(MANDATORY)</b>	_____(Y/N)	

#### 1. GENERAL

a) A standard production, towed concrete/cement mixer of latest design in current production.	Yes, Yes, Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
d) Self loading	Yes <b>(MANDATORY)</b>	_____(Y/N)	
e) Any item necessary for the efficient operation of this equipment but not included in this spec. to be supplied.	Yes	_____(Y/N)	

#### 2. DIMENSIONS

a) Length approx.	3,000 mm	_____mm	
b) Width , approx.	2,200mm	_____mm	
c) Height approx.	2,500mm	_____mm	
d) Drum capacity approx.	350lt	----lt	
e) Gross weight, approx.	2,500Kg	_____kg	

#### 3. ENGINE

a) MAKE	-	_____	
---------	---	-------	--

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
b)	MODEL	-	_____	
c)	COUNTRY OF ORIGIN	-	_____	
d)	Engine power, approx.	10HP	_____ HP	
e)	Fuel type diesel	specify	-----	
f)	Cooling system	Specify	-----	
<b>4. TILTING/REVOLVING SYSTEM</b>				
a)	Fitted with tilting/revolving system.	Yes	_____(Y/N)	
b)	Equipped with a mechanism for driving drum and powering self loading scoop.	specify	-----	
c)	Drum made of heavy gauge steel and properly shaped bottoms and paddles.	Specify		
d)	Drum speed, approx.	specify	rpm	
e)	Production output rates max in batches /hr	specify	---batches/hr	

**5. FRAME/WHEELS**

a)	Heavy gauge box section steel or suitable material for frame.	Specify		
b)	Fixed single rear axle draw bar trailer (with tow bar) with drop down legs/hydraulic legs 4No.	Specify		
c)	tyre type and size-9.50R20 Pneumatic 2No.	Specify		

**6. OTHER EQUIPMENT**

a)	Greasing cups /fittings with good all round access provided on machine.	Yes	_____(Y/N)	
b)	Fully enclosed drive lines.	Yes	_____(Y/N)	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
c)	Electrical system 12/24V	Specify		
d)	Manufacturers tool kit provided	Yes	_____(Y/N)	

7. FINISHING/PAINTING

a)	Two coats primer, one coat finish colour to be specified by user.	Yes	_____(Y/N)	
----	---	-----	------------	--

8 WARRANTY

a)	Specimen of warranty to be submitted when tendering.	Yes	_____(Y/N)	
b)	Each mixer supplied should carry a statement of warranty.	Yes <b>(MANDATORY)</b>	_____(Y/N)	
c)	Concrete mixer warranty min.	12 months	_____ months	

9. MANUALS

a)	All literature in English language	Yes <b>(MANDATORY)</b>	_____(Y/N)	
b)	Maintenance and service manual, supplied.	Yes <b>(MANDATORY)</b>	_____(Y/N)	
c)	Parts catalogue supplied.	Yes <b>(MANDATORY)</b>	_____(Y/N)	
d)	Owners Instructions Handbook supplied.	Yes <b>(MANDATORY)</b>	_____(Y/N)	

10 OTHER REQUIREMENTS

a)	Concrete mixer will be inspected by the Chief Mechanical and Transport Engineer, prior to delivery to the user.	Yes <b>(MANDATORY)</b>	_____(Y/N)	
b)	Firm's Status: (Franchise holder/ Dealer/Agent)	Specify	_____	
c)	Names and addresses of dealers/agents where back-up service can be obtained	Specify	----- ----- ----- -----	
d)	Supplying firm to offer	Yes	_____(Y/N)	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
training to ministry personnel on trouble shooting and maintenance of the equipment.			

**8. TIPPING TRAILER, 4TON**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
MAKE	-	_____	
MODEL	-	_____	
COUNTRY OF ORIGIN	-	_____	
MANUFACTURER'S LITERATURE, AUTHORITY , DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)	
Submitted Drawings to Give the Following Views: a) Plan view b) Side elevation c) Rear elevation d) Detailed drawings showing cross-sectional members, arrangement and rams fitting	Y Y Y Y	_____(Y/N) _____(Y/N) _____(Y/N) _____(Y/N)	

1. GENERAL

a)	A heavy duty, single axle, all steel body, tipping trailer	Yes <b>(MANDATORY)</b>	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
d)	Low-speed tipping trailer for	Yes	_____(Y/N)	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
use with medium duty agricultural tractor			

**2. DIMENSIONS, WEIGHT AND CAPACITY**

a) Overall body length, approx.	4,500mm	_____mm	
b) Overall width, approx.	2,100mm	_____mm	
c) Overall height, from the ground level.	1,400mm	_____mm	
d) Body length, approx.	3,000mm	_____mm	
e) Body internal depth, min	500mm	_____mm	
f) Weight carrying capacity, approx.	4,000 Kg	_____Kg	

**3. CHASSIS**

a) Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	152 mm x 76 mm	x mm	
b) Channels box sections through the body and single channels for outer longitudinal members.	Yes, Yes	_____(Y/N)	
c) Cross members suitably spaced apart to provide adequate body support	Specify spacing	_____mm	
d) Load transferred to tractor draw bar on full load, max.	2.0 Ton	_____Ton	
e) Sub-frame fabricated from 5" x 2" channels	5" x 2" channels	_____	
f) Main chassis fabricated from 6" x 3" heavy duty channels.	6" x 3" channels	_____	

**4. BODY**

a) Tipper body volumetric capacity, approx.	3 cu. m	_____cu. m	
b) Body floor constructed out of 4mm min. thick m/s plate	Yes	_____(Y/N)	
c) Sides constructed out of 3mm m/s plate (min.), with suitable reinforcements.	Yes	_____(Y/N)	
d) To have a suitable rear tail gate.	Yes	_____(Y/N)	
e) To have a suitable hydraulic	Yes	_____(Y/N)	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
tipping mechanism.	specify	-----	
f) Tipping system to have suitable controls and connections	Yes specify	_____(Y/N) -----	

5. AXLE

a) Dead axle	4 Ton	_____(Y/N)	
b) Axle main beam made out of square axle steel or high tensile steel	Specify	_____	
c) Stubs supported by hot rolled channels with necessary stiffeners	Yes	_____(Y/N)	
d) Wheel track, approx.	1600mm	_____ mm	

6. DRAW BAR

a) Comprising 2 No. hot rolled channels of size	152 x 76 x 6 mm	_____ mm	
b) Fitted with mechanical parking brake.	Yes	_____(Y/N)	
c) Complete braking system bolted to the drawbar for easy replacement and service.	Yes	_____(Y/N)	
d) Towing hitch, of alloy steel should be capable of carrying up to 4 tons vertical load of trailer	Yes, specify load	_____	
e) Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	_____	
f) Towing Hook to be compatible with that for 70 – 80Hp agricultural tractor	Yes	_____(Y/N)	

7. TYRES AND WHEELS

a) Locally manufactured, trailer type tyre with tube	750x16 - 12 Ply	_____	
b) Rim size	750x16	_____	
c) Wheel studs, LH & RH	6xM18	_____(Y/N)	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
threads, of high tensile steel, size min. (Min. 5 No. studs per hub)	(Yes)		
d) Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)	

**8. PAINTING**

a) Chassis and body steelwork to be thoroughly cleaned before application of paint	Yes, <b>Mandatory</b>	_____	
b) At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____	
c) Two coats one coat of gloss finish paint to be applied, user to specify colour.	Yes, <b>Mandatory</b>	_____(Y/N)	
d) Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	Yes <b>(Mandatory)</b>	_____(Y/N)	

**9. EQUIPMENT (ACCESSORIES) ETC**

a) List, if any, of optional equipment	Specify	_____ _____ _____ _____ _____ _____ _____	
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**10. WARRANTY**

a) Each trailer supplied should carry a statement of warranty.	Yes <b>(Mandatory)</b>	(Y/N)	
b) Trailer warranty 1 year min.,	Specify	_____ years	

**11. MANUALS**

a) All literature in English language	Yes <b>(Mandatory)</b>	(Y/N)	
b) Repair Manual, supplied.	1 set per trailer	(Y/N)	
c) Parts catalogue supplied.	1 set per trailer	(Y/N)	
d) Operators handbook and service schedule supplied.	1 set per trailer	(Y/N)	

**12. OTHER REQUIREMENTS.**

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**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
a) Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
b) Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act Cap 403 prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
c) Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)	

**9. TIPPING TRAILER, 6TON**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
MAKE	-	_____	
MODEL	-	_____	
COUNTRY OF ORIGIN	-	_____	
MANUFACTURER'S LITERATURE, AUTHORITY, DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)	
Submitted Drawings to Give the Following Views:	Y	_____(Y/N)	
a) Plan view	Y	_____(Y/N)	
b) Side elevation	Y	_____(Y/N)	
c) Rear elevation	Y	_____(Y/N)	
d) Detailed drawings showing cross-sectional members, arrangement			

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
and rams fitting			

1. GENERAL

a)	A heavy duty, single axle, all steel body, tipping trailer	Yes <b>(MANDATORY)</b>	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
d)	Low-speed tipping trailer for use with medium duty agricultural tractor	Yes	_____(Y/N)	

2. DIMENSIONS, WEIGHT AND CAPACITY

a)	Overall body length, approx.	4,900mm	_____mm	
b)	Overall width, approx.	2,100mm	_____mm	
c)	Overall height, from the ground level.	1,500mm	_____mm	
d)	Body length, approx.	3,600mm	_____mm	
e)	Body internal depth, min	600mm	_____mm	
f)	Weight carrying capacity, approx.	6,000 Kg	_____Kg	

3. CHASSIS

a)	Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	152 mm x 76 mm	x mm	
b)	Channels box sections through the body and single channels for outer longitudinal members.	Yes, Yes	_____(Y/N)	
c)	Cross members suitably spaced apart to provide adequate body support	Specify spacing	_____mm	
d)	Load transferred to tractor draw bar on full load, max.	3.0 Ton	_____Ton	
e)	Sub-frame fabricated from 5" x 2.5" channels	5" x 2.5" channels	_____	
f)	Main chassis fabricated from 6" x 3" heavy duty channels.	6" x 3" channels	_____	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
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4. BODY

a) Tipper body volumetric capacity, approx.	4 cu. m	_____ cu. m	
b) Body floor constructed out of 4mm min. thick m/s plate	Yes	_____(Y/N)	
c) Sides constructed out of 3mm m/s plate (min.), with suitable reinforcements.	Yes	_____(Y/N)	
d) To have a suitable rear tail gate.	Yes	_____(Y/N)	
e) To have a suitable hydraulic tipping mechanism.	Yes specify	_____(Y/N) -----	
f) Tipping system to have suitable controls and connections	Yes specify	_____(Y/N) -----	

5. AXLE

a) Dead axle	6 Ton	_____(Y/N)	
b) Axle main beam made out of square axle steel or high tensile steel	Specify	_____	
c) Stubs supported by hot rolled channels with necessary stiffeners	Yes	_____(Y/N)	
d) Wheel track, approx.	1600mm	_____mm	

6. DRAW BAR

a) Comprising 2 No. hot rolled channels of size	152 x 76 x 6 mm	_____ mm	
b) Fitted with mechanical parking brake.	Yes	_____(Y/N)	
c) Complete braking system <u>bolted</u> to the drawbar for easy replacement and service.	Yes	_____(Y/N)	
d) Towing hitch, of alloy steel should be capable of carrying up to 6 tons vertical load of trailer	Yes, specify load	_____	
e) Robust skid type stand with locking pin to be fitted to	Yes	_____	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
underside of drawbar for easy hitching even on soft ground and to protect the braking system			
f) Towing Hook to be compatible with that for 70 – 80Hp agricultural tractor	Yes	_____(Y/N)	

**7. TYRES AND WHEELS**

a) Locally available, trailer type twin tyres with tubes	750x16 - 12 Ply	_____	
b) Single axle with twin wheel on either side	Yes, Mandatory	_____(Y/N)	
c) Rim size	750x16	_____	
d) Wheel studs, LH & RH threads, of high tensile steel, size min. (Min. 5 No. studs per hub)	6xM18 (Yes)	_____(Y/N)	
e) Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)	

**8. PAINTING**

a) Chassis and body steelwork to be thoroughly cleaned before application of paint	Yes, <b>Mandatory</b>	_____	
b) At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____	
c) Two coats one coat of gloss finish paint to be applied, user to specify colour.	Yes, <b>Mandatory</b>	_____(Y/N)	
d) Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	Yes <b>(Mandatory)</b>	_____(Y/N)	

**9. EQUIPMENT (ACCESSORIES) ETC**

a) List, if any, of optional equipment	Specify	_____ _____ _____	
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**10. WARRANTY**

a) Each trailer supplied should carry a statement of warranty.	Yes <b>(Mandatory)</b>	(Y/N)	
b) Trailer warranty min.,	Specify	months	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
<b>11. MANUALS</b>			
a) All literature in English language	Yes <b>(Mandatory)</b>	(Y/N)	
b) Repair Manual, supplied.	1 set per trailer	(Y/N)	
c) Parts catalogue supplied.	1 set per trailer	(Y/N)	
d) Operators handbook and service schedule supplied.	1 set per trailer	(Y/N)	
<b>12. OTHER REQUIREMENTS.</b>			
a) Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
b) Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act Cap 403 prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
c) Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)	

**10. NON-TIPPING TRAILER, 3 TON**

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
MAKE	-	_____	
MODEL	-	_____	
COUNTRY OF ORIGIN	-	_____	
MANUFACTURER'S LITERATURE, AUTHORITY, DRAWINGS AND SPECIFICATIONS SUPPLIED	Yes <b>(MANDATORY)</b>	_____(Y/N)	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
Submitted Drawings to Give the Following Views:	Y	_____(Y/N)	
a) Plan view	Y	_____(Y/N)	
b) Side elevation	Y	_____(Y/N)	
c) Rear elevation	Y	_____(Y/N)	
d) Detailed drawings showing cross-sectional members, arrangement and rams fitting			

1. GENERAL

a) A heavy duty, single axle, all steel body, non-tipping trailer	Yes <b>(MANDATORY)</b>	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
d) Low-speed trailer for use with light duty agricultural tractor	Yes	_____(Y/N)	

2. DIMENSIONS, WEIGHT AND CAPACITY

a) Overall body length, approx.	4,200mm	_____mm	
b) Overall width, approx.	2,100mm	_____mm	
c) Overall height, from the ground level.	1,100mm	_____mm	
d) Body length, min.	3,000mm	_____mm	
e) Body internal depth, min	400mm	_____mm	
f) Weight carrying capacity, min.	3,000 Kg	_____Kg	

3. CHASSIS

a) Main chassis of hot rolled, mild steel channel to BSS 4360 grade, min.	127 mm x 64 mm	x mm	
b) Channels box sections through the body and single	Yes, Yes	_____(Y/N)	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
channels for outer longitudinal members.			
c) Cross members suitably spaced apart to provide adequate body support	Specify spacing	_____mm	
d) Load transferred to tractor draw bar on full load, range.	1.0 Ton	_____ Ton	
e) Sub-frame fabricated from 4" x 2" channels	4" x 2" channels	_____	

**4. BODY**

a) Truck volumetric capacity, min	2.5 cu. m	_____ cu. m	
Body dimensions	3200x2000x400mm		
b) Body floor constructed out of 2mm min. thick m/s plate	Yes	_____(Y/N)	
c) Body floor supported by thick channels of 4.5 mm thickness, min.	4.5 mm	_____mm	
d) Sides and headboard constructed out of 3mm m/s plate (min.), supported with vertical reinforcements at a maximum of 800 mm apart	Yes	_____(Y/N)	
e) Both sides to be drop type for easy loading/off-loading	Yes	_____(Y/N)	
f) Rear tail gate of same construction as headboard and sides with spacing of supports at max. 600mm	Yes	_____(Y/N)	
g) All hinges to be of robust heavy duty type	Yes	_____(Y/N)	

**5. AXLE**

a) Slow speed axle, rating		3 Ton	_____(Y/N)
b) Axle main beam made of square bar or high tensile steel		Specify	_____
c) Stubs supported by hot rolled channels with necessary stiffeners		Yes	_____(Y/N)
d) Wheel track, approx.		1600mm	_____ mm

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
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**6. DRAW BAR**

a)	Comprising 2 No. hot rolled channels of size	127 x 64 x 6 mm	_____ mm
b)	Fitted with mechanical parking brake.	Yes	_____(Y/N)
c)	Complete braking system <u>bolted</u> to the drawbar for easy replacement and service.	Yes	_____(Y/N)
d)	Towing hitch, of alloy steel should be capable of carrying up to 3 tons vertical load of trailer	Yes, specify load	_____
e)	Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	_____
f)	Towing Hook to be compatible with that for 30 – 80HP agricultural tractor	Yes	_____(Y/N)

**7. TYRES AND WHEELS**

a)	Locally manufactured, trailer type tyre with tube	750x16 – 10 Ply	_____
b)	Rim size	750x16	_____
c)	Wheel studs, LH & RH threads, of high tensile steel, size min. (Min. 5 No. studs per hub)	6xM18 (Yes)	_____(Y/N)
d)	Hubs to run on heavy duty taper roller double bearings	Yes, specify size	_____(Y/N)

**8. PAINTING**

a)	Chassis and body steelwork to be thoroughly cleaned before application of paint	Yes, <b>Mandatory</b>	_____
b)	At least two coats of acrylic primer to be applied throughout the body	Yes, specify no of coats	_____
c)	Two coats one coat of gloss finish paint to be applied, user to specify colour.	Yes, <b>Mandatory</b>	_____(Y/N)

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S RESPONSE	COMPLIANCE
d) Chevrons and reflectors to fitted to comply with the Kenya traffic regulations	Yes <b>(Mandatory)</b>	_____(Y/N)	

**9. EQUIPMENT (ACCESSORIES) ETC**

a) List, if any, of optional equipment	Specify	_____	
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**10. WARRANTY**

a) Each trailer supplied should carry a statement of warranty.	Yes <b>(Mandatory)</b>	(Y/N)	
b) Trailer warranty min, 12 months.	Specify	months	

**11. MANUALS**

a) All literature in English language	Yes <b>(Mandatory)</b>	(Y/N)	
b) Repair Manual, supplied.	1 set per trailer	(Y/N)	
c) Parts catalogue supplied.	1 set per trailer	(Y/N)	
d) Operators handbook and service schedule supplied.	1 set per trailer	(Y/N)	

**12. OTHER REQUIREMENTS.**

a) Trailer to be inspected by the Chief Mechanical and Transport Engineer, during all the stages of construction, for compliance with the Technical specifications prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
b) Trailer to be inspected (by Certifying officer, Vehicle inspection Centre) for compliance with Traffic Act Cap 403 prior to delivery to user.	Yes <b>(Mandatory)</b>	(Y/N)	
c) Trailer to be registered with the registrar of motor vehicles.	Yes <b>(Mandatory)</b>	(Y/N)	

## 11. CHISEL PLOUGH

### TENDERER'S SPECIFICATION Column to be completed by ALL

	SPECIFICATION	REQUIRED	TENDERER'S RESPONSE	COMPLIANCE
	Make	-		
	Model	-		
	Country of origin	-		
	Manufacturer's literature, authority and specifications supplied along with this tender.	Yes (Mandatory)	(Y/N)	

#### 1. GENERAL

a)	A Standard production, chisel plough made in conformity with the current agriculture conditions, latest design, in current production.	Yes, Yes, Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet medium field requirements.	Yes, Yes	_____(Y/N)	
d)	Suitable for use with a specific range of agricultural tractors and operated from the PTO point.	Yes	_____(Y/N)	
e)	Strong main frame with bolted alloy steel legs to get most convenient penetration angle for efficiency. Reversible tines specially treated for strength and anti-corrosion	Yes	_____(Y/N)	

#### 2. DIMENSIONS AND WEIGHTS.

a)	Number of tines min	7	_____	
b)	Distance between beams, approx.	3,000mm	_____mm	
c)	Working width, approx.	2,100mm	_____mm	
d)	Working depth approx,	450mm	_____mm	
e)	Clearance, approx	600mm	_____mm	
f)	Weight, approx.	500kg	_____kg	

**TENDERER'S SPECIFICATION Column to be completed by ALL**

g)	Power requirement	50-90HP	_____	
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**3. EQUIPMENT (ACCESSORIES) ETC**

a)	Manufacturers complete tools kit supplied	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	_____	
c)	Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	_____	

**4. WARRANTY**

a)	Specimen of warranty to be submitted when tendering	Yes Mandatory	_____(Y/N)	
b)	Each implement to carry manufacturers statement of warranty	Yes	_____(Y/N)	
c)	Implement warranty min.	1 year	_____Years	
d)	Warranty against corrosion min.	3 years	_____Years	

**5. OTHER REQUIREMENT**

a)	The Chief Mechanical and Transport Engineer will inspect Implements prior to delivery to the user.	Yes	_____(Y/N)	
b)	Firm's Status: (Franchise holder/ Dealer/Agent.	Specify	_____	
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----	
d)	Availability of spare parts	Indicate dealers who stock spare parts	----- ----- ----- -----	

**6. MANUALS**

a)	All literature in English Language	Yes	_____(Y/N)	
b)	Repair manual supplied	One per implement	_____(Y/N)	
c)	Parts catalogue supplied	One per implement	_____(Y/N)	
d)	Operators handbook and service schedule supplied	One per implement	_____(Y/N)	



**12. MINI CRAWLER CRANE 2.3 T**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature and Specifications Supplied (To be forwarded together with these specifications when duly filled in)	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production, hydraulic mini crawler crane, of latest design in class, robust construction, in current production	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new.	Yes	.....(Y/N)	
c) Designed to light duty specifications, capable of operating in tropical conditions and on rough terrain.	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for lifting and lowering light loads	Yes	.....(Y/N)	
e) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be included in the tender.	Yes	.....(Y/N)	
<b>2. DIMENSIONS</b>			
a) Overall length approx...	2,200mm	.....mm	
b) Overall width, approx...	660mm	.....mm	
c) Overall height, approx...	1,400mm	.....mm	
d) Maximum lift height, approx...	2.3 tons at approx. 1.4m distance	.....ton .....m	
e) Crane capacity approx...	2.3tons at approx.	.....ton	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
	1.4m distance	.....m	
f) Machine Weight	1,500kg	.....Kg	
g) Gradeability	20°	.....°	
h) Travel Speed approx....	2Km/h	.....Km/h	
I) Maximum lift height approx....	6.0m	.....m	
j) Maximum working radius	6.0m	.....m	
<b>3. CRAWLER CARRIER</b>			
<b>DIMENSIONS AND WEIGHTS</b>			
a) Ground length, approx....	1,000mm	.....mm	
b) Crawler shoe width approx.....	180mm	.....m	
c) Width, approx...			
<b>4. ENGINE</b>			
a) Make	-		
b) Model	-		
c) Country of Origin	-		
d) Engine performance curves supplied	Yes	.....(Y/N)	
e) Fuel type	Petrol	.....(Y/N)	
f) Starting method	Specify	.....	
g) Flywheel horsepower (HP/rpm), min.	5KW/1800rpm	.....Kw/rpm	
h) Average fuel consumption	Specify	.....Lt/hour	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
g) Fuel tank capacity, approx...	Specify	.....Lt	
<b>5. TRANSMISSION</b>			
a) Transmission system-hydraulic	Specify	.....	
b) Drive configuration- Hydrostatic, stepless forward and Reverse	Specify	.....	
<b>6. ELECTRICAL SYSTEM AND INSTRUMENTS</b>			
a) System Voltage 12/24 V, negative earth.	Specify	.....	
b) Alternator Charging	Yes	.....(Y/N)	
c) Battery capacity, approx.	Specify	.....(Y/N)	
d) Standard instruments and gauges .g panel lamps battery charge lamp, fuel gauge, head and rear lights, Stop & turning signal lights	Yes	.....(Y/N)	
e) Crane controlled and operated from the seat fitted at the rear side	Yes	.....(Y/N)	
<b>7. SUPERSTRUCTURE BOOM, TELESCOPIC TYPE</b>			
a) Boom type – telescopic, automatic power boom, 2No. cylinders/2No. wires	Specify	.....	
b) Boom type – 5 sections	Specify	.....Sections	
c) Boom length range, approx...	Specify	.....	
d) Supplied with 1 metre extension giving 750Kg at extended length , min	2.0-6.0 m	.....	
e) Extension speed 4.2 m/26sec	Specify	.....m/sec	
f) Hook Speed	Specify	.....	
g) Wire dimensions 8mm diameter, 35,000mm length	Specify	.....	
<b>8. SWING</b>			
a) Swing; Hydraulic motor driven, with gear restriction and self-locking brake	Yes, Yes, Yes,	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
b) Swing range 360°	Yes	.....°	
c) Swing speed (time for one rotation)	Specify	.....	
d) Installed braking system for swing	Yes	.....(Y/N)	
<b>9. OUTRIGGERS</b>			
a) Type – Box type 4No. attached to each side of mainframe structure	Specify	.....	
b) Outrigger span approx...	4x4m	.....m	
<b>10. ACCESSORIES</b>			
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)	
c) Reflective chevros at rear, license plate holder at front and rear to conform to Kenya Traffic Act, CAP. 403 Tenth Schedule.	Yes (Mandatory)	.....(Y/N)	
<b>11. WARRANTY</b>			
a) Equipment /items supplied should carry a statement of warranty	Yes (Mandatory)	.....(Y/N)	
b) Equipment warranty min, 2000hrs or Two (2) years, whichever comes first	Specify (Mandatory)	.....hours	
<b>12. MANUALS</b>			
a) All literature in English language	Yes	.....(Y/N)	
b) Operator's Manual, supplied	1 per equipment	.....(Y/N)	
c) Repair Manual, supplied	1 per equipment	.....(Y/N)	
<b>13. OTHER REQUIREMENTS</b>			
a) Equipment to be registered by the registrar of Motor Vehicles	Yes (Mandatory)	.....(Y/N)	
b) Equipment will be inspected by the Chief Mechanical and Transport	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Engineer, Prior to delivery to the user.			
c) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)	
d) Availability of Spares	Indicate motor dealers who stock spare parts	..... ..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... .....	
f) Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes (Mandatory)	.....(Y/N)	

### **13. MOWER 12 HP LAWN**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied	Yes (Mandatory)	.....(Y/N)	
1. GENERAL			
a) A Standard production, lawn mower of 12 HP minimum, of latest design in robust construction and in	Yes, Yes, Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
current production			
b) Supplied new.	Yes	.....(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for moving all types of grass and weeds.	Yes	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS &amp; PERFORMANCE</b>			
a) Overall length (excluding catcher) approx...	1,600mm	.....mm	
b) Overall width, approx...	100mm	.....mm	
c) Gross machine weight approx...	120Kg	.....Kg	
<b>3. ENGINE</b>			
a) Make	-		
b) Model	-		
c) Country of Origin	-		
d) Engine performance curves supplied	Yes	.....(Y/N)	
e) Engine Type	2/4 stroke diesel	.....(Y/N)	
f) Engine cooling system	Air	.....(Y/N)	
g) Piston displacement, approx....	Specify	.....cc	
h) Number of cylinders	Specify	.....No	
i) Maximum power output min.	12HP	.....HP	
j) Air filter, disposable/oil bath	Specify	.....	
k) Oil and fuel filter type	Disposable	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
1) Fuel tank capacity, approx....	Specify	.....Lt	
<b>4. TRANSMISSION</b>			
a) Belt driven through hardened gears	Yes	.....(Y/N)	
b) Speeds 2 forward and 1 reverse	Yes	.....(Y/N)	
<b>5. CUTTING DECK, WHEELS, BRAKES</b>			
a) Easily removable cutter blades.	Yes	.....(Y/N)	
b) Width of cut.	650mm	.....mm	
c) Cutting height, adjustable	10mm-90mm	.....mm	
d) Swivel front wheels	Yes	.....(Y/N)	
e) Rear wheels, size	320mm	.....mm	
f) Service brakes	hydraulic	.....(Y/N)	
g) Parking brake	manual	.....(Y/N)	
<b>6. EQUIPMENT (OR ACCESSORIES) ETC.</b>			
a) Wheel brace and all manufacturer's standard tools, supplied.	Yes	.....(Y/N)	
b) Any other equipment that the manufacturer deems necessary for the optimum efficiency of the machine.	Specify	.....Sections	
<b>7. WARRANTY</b>			
a) Specimen of machine warranty to be submitted when tendering	Yes	.....(Y/N)	
b) Each machine supplied carry a statement of warranty	Yes (Mandatory)	.....(Y/N)	
c) Machine warranty min.	Specify	.....months	
<b>8. MANUALS</b>			
a) All literature in English language	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
b) Repair Manual , supplied	Yes (Mandatory)	.....	
c) Parts catalogue supplied	Yes (Mandatory)	.....	
d) Drivers handbook and service schedule supplied	Yes	.....	
<b>9. ACCESSORIES</b>			
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)	
<b>10. WARRANTY</b>			
a) Equipment /items supplied should carry a statement of warranty	Yes (Mandatory)	.....(Y/N)	
b) Equipment warranty min, 2000hrs or Two (2) years, whichever comes first	Specify (Mandatory)	.....hours	
<b>11. MANUALS</b>			
a) All literature in English language	Yes	.....(Y/N)	
b) Operator's Manual, supplied	1 per equipment	.....(Y/N)	
c) Repair Manual, supplied	1 per equipment	.....(Y/N)	
<b>12. OTHER REQUIREMENTS</b>			
a) Equipment to be registered by the registrar of Motor Vehicles	Yes (Mandatory)	.....(Y/N)	
b) Equipment will be inspected by the Chief Mechanical and Transport Engineer, Prior to delivery to the user.	Yes	.....(Y/N)	
c) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)	
d) Availability of Spares	Indicate motor dealers who stock spare parts	..... ..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating	Specify	..... .....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
the location of the Workshops facilities.		..... .....	
f) Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes (Mandatory)	.....(Y/N)	

#### **14. AGRIC IMPLEMENTS HARROW 3 DISC**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature and Specifications Supplied along with this tender.	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production, light series 3-disc harrow made in conformity with the current agriculture conditions, latest design, in current production.	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new.	Yes	.....(Y/N)	
c) Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet orchard and small field requirements.	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for use with a specific range of agricultural tractors and hydraulically operated from the PTO point.	Yes	.....(Y/N)	
e) Scalloped or plain set in adjustable offset gangs with self-aligning triple ply sealed integrated ball bearings	Yes	.....(Y/N)	
<b>2. DIMENSIONS AND WEIGHTS</b>			
a) Total length, approx...	2,130mm	.....mm	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
b) Total width, approx...	1,265mm	.....mm	
c) Total height, approx...	1,235mm	.....mm	
d) Working depth, approx...	250mm	.....mm	
e) Working width, approx	990mm	.....mm	
f) Space between discs, approx...	530mm	.....mm	
g) Diameter of disc, approx...	660mm	.....mm	
<b>3. EQUIPMENT (ACCESSORIES) ETC</b>			
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	.....	
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	.....	
<b>4. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each implement to carry manufacturer's statement of warranty	Yes	.....(Y/N)	
c) Implement warranty, min.	Specify	.....Years	
d) Warranty against corrosion , min	Specify	.....Years	
<b>5. OTHER REQUIREMENT</b>			
a) The Chief Mechanical and Transport Engineer will Inspect Implements prior to delivery to the user.	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
b) Firm's Status : ( Franchise holder/ Dealer/Agent), attach proof thereof	Specify, (Mandatory)	.....	
c) Names and locations of dealers/agents where back-up service can be obtained	Specify	..... ..... .....	
<b>6. MANUALS</b>			
a) All literature in English Language	Yes	.....(Y/N)	
b) Repair manual supplied	One per implement	.....(Y/N)	
c) Parts catalogue supplied	One per implement	.....(Y/N)	
d) Operators handbook and service schedule supplied	One per implement, Yes	.....(Y/N)	
<b>7. ACCESSORIES</b>			
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)	

### **15. AGRIC IMPLEMENTS 3 DISC PLOUGH**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature and Specifications Supplied along with this tender.	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production disc plough made in conformity with the current agriculture conditions, latest design, in current production.	Yes, Yes, Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
b) Supplied new.	Yes	.....(Y/N)	
c) Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet large and small field requirements.	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for use with a specific range of agricultural tractors and hydraulically operated from the PTO point.	Yes	.....(Y/N)	
e) Scalped or plain set in adjustable offset gangs with self-aligning triple ply sealed integrated ball bearings	Yes	.....(Y/N)	
<b>2. DIMENSIONS AND WEIGHTS</b>			
a) Total length, approx...	2,200mm	.....mm	
b) Total width, approx...	1,400mm	.....mm	
c) Total height, approx...	1,235mm	.....mm	
d) Working depth, approx...	250mm	.....mm	
e) Working width, approx	1100mm	.....mm	
f) Space between discs, approx...	530mm	.....mm	
g) Diameter of disc, approx...	660mm	.....mm	
<b>3. EQUIPMENT (ACCESSORIES) ETC</b>			
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	.....	
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	.....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
<b>4. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each implement to carry manufacturer's statement of warranty	Yes	.....(Y/N)	
c) Implement warranty, min.	Specify	.....Years	
d) Warranty against corrosion , min	Specify	.....Years	
<b>5. OTHER REQUIREMENT</b>			
a) The Chief Mechanical and Transport Engineer will Inspect Implements prior to delivery to the user.	Yes	.....(Y/N)	
b) Firm=s Status : ( Franchise holder/ Dealer/Agent), attach proof thereof	Specify, (Mandatory)	.....	
c) Names and locations of dealers/agents where back-up service can be obtained	Specify	..... ..... .....	
d) Availability of spares	Indicate dealers who stock spare parts	..... ..... ..... .....	
<b>6. MANUALS</b>			
a) All literature in English Language	Yes	.....(Y/N)	
b) Repair manual supplied	One per implement	.....(Y/N)	
c) Parts catalogue supplied	One per implement	.....(Y/N)	
d) Operators handbook and service schedule supplied	One per implement, Yes	.....(Y/N)	
<b>7. ACCESSORIES</b>			

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)	
c) Repair Manual, supplied	1 per equipment	.....(Y/N)	

## **16. AGRIC IMPLEMENTS 4 DISC PLOUGH**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature and Specifications Supplied along with this tender.	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production disc plough made in conformity with the current agriculture conditions, latest design, in current production.	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new.	Yes	.....(Y/N)	
c) Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet large and small field requirements.	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for use with a specific range of agricultural tractors and hydraulically operated from the PTO point.	Yes	.....(Y/N)	
e) Scalloped or plain set in adjustable offset gangs with self-aligning triple ply sealed integrated ball bearings	Yes	.....(Y/N)	
<b>2. DIMENSIONS AND WEIGHTS</b>			

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
a) Total length, approx...	2,200mm	.....mm	
b) Total width, approx...	1,400mm	.....mm	
c) Total height, approx...	1,235mm	.....mm	
d) Working depth, approx...	250mm	.....mm	
e) Working width, approx	1100mm	.....mm	
f) Space between discs, approx...	530mm	.....mm	
g) Diameter of disc, approx...	660mm	.....mm	
<b>3. EQUIPMENT (ACCESSORIES) ETC</b>			
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	.....	
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	.....	
<b>4. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each implement to carry manufacturer's statement of warranty	Yes	.....(Y/N)	
c) Implement warranty, min.	Specify	.....Years	
d) Warranty against corrosion , min	Specify	.....Years	
<b>5. OTHER REQUIREMENT</b>			
a) The Chief Mechanical and Transport Engineer will	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Inspect Implements prior to delivery to the user.			
b) Firm's Status : ( Franchise holder/ Dealer/Agent), attach proof thereof	Specify, (Mandatory)	.....	
c) Names and locations of dealers/agents where back-up service can be obtained	Specify	..... ..... .....	
d) Availability of spares	Indicate dealers who stock spare parts	..... .....	
<b>6. MANUALS</b>			
a) All literature in English Language	Yes	.....(Y/N)	
b) Repair manual supplied	One per implement	.....(Y/N)	
c) Parts catalogue supplied	One per implement	.....(Y/N)	
d) Operators handbook and service schedule supplied	One per implement, Yes	.....(Y/N)	
<b>7. ACCESSORIES</b>			
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)	
c) Repair Manual, supplied	1 per equipment	.....(Y/N)	

**17. LAWN MOWER 5-6 HP**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
	-		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE			
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production, lawn mower of latest design in robust construction and in current production	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new.	Yes	.....(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for mowing all types of grass	Yes	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS &amp; PERFORMANCE</b>			
a) Overall length, (excluding catcher) approx...	1,600mm	.....mm	
b) Overall width, approx...	600mm	.....mm	
c) Cut width, approx	500mm	.....mm	
d) Gross machine weight approx...	120Kg	.....Kg	
<b>3. ENGINE</b>			
a) Make	-		
b) Model	-		
c) Country of Origin	-		
d) Engine performance curves supplied	Yes	.....(Y/N)	
e) Engine Type	2/4 stroke diesel	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
f) Engine cooling system	Air	.....(Y/N)	
g) Piston displacement, approx....	Specify	.....cc	
h) Number of cylinders	Specify	.....No	
i) Maximum power output min.	5-6HP	.....HP	
j) Air filter, disposable/oil bath	Specify	.....	
k) Oil and fuel filter type	Disposable	.....(Y/N)	
l) Fuel tank capacity, approx....	Specify	.....Lt	
<b>4. TRANSMISSION</b>			
a) Belt driven through hardened gears	Yes	.....(Y/N)	
b) Speeds 2 forward and 1 reverse	Yes	.....(Y/N)	
<b>5. CUTTING DECK, WHEELS, BRAKES</b>			
a) Easily removable cutter blades.	Yes	.....(Y/N)	
b) Width of cut.	500mm	.....mm	
c) Cutting height, adjustable	10mm-90mm	.....mm	
d) Swivel front wheels	Yes	.....(Y/N)	
e) Rear wheels, size	320mm	.....mm	
f) Service brakes	hydraulic	.....(Y/N)	
g) Parking brake	Manual	.....(Y/N)	
<b>6. EQUIPMENT (OR ACCESSORIES) ETC.</b>			
a) Wheel brace and all manufacturer's standard tools, supplied.	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
b) Any other equipment that the manufacturer deems necessary for the optimum efficiency of the machine.	Specify	..... .....	
<b>7. WARRANTY</b>			
a) Specimen of machine warranty to be submitted when tendering	Yes	.....(Y/N)	
b) Each machine supplied carry a statement of warranty	Yes (Mandatory)	.....(Y/N)	
c) Machine warranty min.	Specify	.....months	
<b>8. MANUALS</b>			
a) All literature in English language	Yes	.....(Y/N)	
b) Repair Manual , supplied	Yes (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	Yes (Mandatory)	.....(Y/N)	
d) Drivers handbook and service schedule supplied	Yes	.....	
<b>9. ACCESSORIES</b>			
a) Manufacturer's complete tools, kits supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)	
<b>10. OTHER REQUIREMENTS</b>			
a) Equipment to be registered by the registrar of Motor Vehicles	Yes (Mandatory)	.....(Y/N)	
b) Equipment will be inspected by the Chief Mechanical and Transport Engineer, Prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)	
c) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)	
d) Availability of Spares	Indicate motor dealers who stock spare parts	..... ..... ..... .....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
		..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... .....	
f) Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes (Mandatory)	.....(Y/N)	

### **18. ROW CROP PLANTER -4 ROWS**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production, row crop planter (seed drill) made in conformity with the current agriculture conditions, latest design, in current production, marketed in kenya	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new with fine seed hopper	Yes	.....(Y/N)	
c) Designed to export specifications, capable of operating in tropical soils and conditions. Designed to meet medium and small field requirements.	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for use with 60-80HP	Yes		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
agricultural tractors and hydraulically operated from the tractor P.T.O point.		.....(Y/N)	
e) Medium capacity seed/ crop and fertilizer hoppers with floating spiral fertilizer type distributor and rotor.  Seed distribution system to have assorted plates for different crops and furrower/ point for corn or equivalent system	Yes, Yes  Specify	.....(Y/N)  .....	
<b>2. DIMENSIONS AND WEIGHTS</b>			
a) Gearbox with combinations of speed for fertilizer distribution regulation	Specify number of combinations	.....	
b) Seeding row units with flexible tynes complete with points	Yes	.....mm	
c) Hitch beam with regulator and mechanical jack. Frame width approx...	Yes 3,500mm	.....(Y/N) .....mm	
d) Transmission system with gearing for finishing operation	Specify	.....	
e) Disc/Wheel for fertilizer and seed compaction	Yes	.....(Y/N)	
f) Useful width approx...	2,900mm	.....mm	
g) Total width 3,500mm approx...	Specify	.....mm	
h) Hopper capacity by weight approx... 1. Grain 2. Pasture seed 3. Fertilizer 4. Wheat 5. Beans 6. Barley	Specify for each	.....Kg .....Kg .....Kg .....Kg .....Kg .....Kg	
i) Seed case volume min.	50 Lts	.....Lts	
j) Micro granulators with 3-9 outlets capacity approx.	40-200litres	.....Lts	
k) Approx weight of machine	700Kg	.....Kg	
l) Fertilizer hopper capacity range	50-2050lt	.....Lt	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
m) Total height of machine	Specify	.....mm	
n) Total length	Specify	.....mm	
o) Row spacing	150-1200mm	.....mm	
p) Working depth approx...	150mm	.....mm	
<b>3. EQUIPMENT (ACCESSORIES) ETC</b>			
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	..... ..... .....	
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements.	Specify	.....	
<b>4. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each implement to carry manufacturer's statement of warranty	Yes	.....(Y/N)	
c) Implement warranty, min.	Specify	.....Years	
d) Warranty against corrosion, min.	Specify	.....Years	
<b>5. MANUALS</b>			
a) All literature in English language	Yes	.....(Y/N)	
b) Repair Manual , supplied	One per machine Yes (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	One per machine Yes (Mandatory)	.....(Y/N)	
d) Operator's handbook and service schedule supplied	Yes, One per machine	.....(Y/N).	
<b>9. ACCESSORIES</b>			
a) Manufacturer's complete tools, kits	Yes		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
supplied		.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the equipment to be attached.	Yes (Mandatory)	.....(Y/N)	
<b>10. OTHER REQUIREMENTS</b>			
a) Implements will be inspected by the Chief Mechanical and Transport Engineer, Prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)	
b) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)	
c) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... .....	

#### **19. WATER PUMP, DIESEL ENGINE DRIVEN**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production, water pump, of latest design, in current production	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new	Yes	.....(Y/N)	
c) Suitable for use on road construction sites, to pump	Yes		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
water from streams, rivers and dams into water tankers.		.....(Y/N)	
d) Capable of operating in tropical conditions and dusty conditions	Yes	.....(Y/N)	
<b>2. DIMENSIONS</b>			
a) Overall length, approx...	1,300mm	.....mm	
b) Overall width, approx...	1000mm	.....mm	
c) Overall height, approx...	800mm	.....mm	
d) Machine weight, approx...	150Kg	.....Kg	
<b>3. ENGINE</b>			
a) Make	-	.....	
b) Model	-	.....	
c) Country of origin	-	.....	
d) Engine performance curves supplied	Yes	.....(Y/N)	
e) Engine type, Diesel, 4 stroke	Yes, Yes	.....(Y/N)	
f) Engine cooling system, water	Yes	.....(Y/N)	
g) Number of Cylinders	Specify	.....No.	
h) Maximum power output/rpm, approx...	5HP/2500rpm	.....HP/rpm	
i) Air filter, disposable/oil bath	Specify	.....	
j) Oil and fuel type	Disposable	.....	
k) Fuel consumption (on full load)	Specify	.....Km/l	
l) Fuel tank capacity, approx....	20 Lt	.....Lt	
<b>5. PUMP</b>			

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
a) Make	-		
b) Model	-		
c) Country of origin	-		
d) Connections	75mm	.....mm	
e) Single stage centrifugal	Yes	.....(Y/N)	
f) Delivery rate min	2000l/min	.....l/min	
g) Suction lift min.	10m	.....m	
h) Total delivery head min.	25m	.....m	
i) Self-priming	Yes	.....(Y/N)	
j) Pump performance curves supplied	Yes	.....(Y/N)	
k) Check valve incorporated	Yes	.....(Y/N)	
l) Pump directly coupled to engine	Yes	.....(Y/N)	
<b>5. FRAME</b>			
a) Trolley mounted	Yes	.....(Y/N)	
b) Trolley frame- heavy duty fabricated steel	Yes	.....(Y/N)	
c) Trolley to run on pneumatic or solid rubber tyres	Yes, specify	.....(Y/N)	
d) Tyre number and size	Yes, specify	.....(Y/N)	
e) Trolley fitted with suitable adjustable stand	Yes	.....(Y/N)	
<b>6. ACCESSORIES</b>			
a) Sunction hose, length x diameter	20,000 x 75mm	..... x.....mm	
b) Sunction hose to be fitted with screen	Yes	.....(Y/N)	
c) Sunction hose, length x diameter	30,000 x 75 mm	.....x.....mm	
d) Any other accessories	Specify	.....Years	
<b>7. MANUALS</b>			

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Operation manual supplied	Yes (Mandatory)	.....(Y/N)	
c) Repair manuals/CD supplied	Specify which available 1 per pump Mandatory	.....(Y/N)	
d) Parts catalogue/CD supplied	Specify which available 1 per pump Mandatory	.....(Y/N)	
<b>8. WARRANTY</b>			
a) Each pump supplied should carry a statement of warranty	Yes (Mandatory)	.....(Y/N)	
b) Pump warranty, min. 6 months	Specify	.....months	
<b>9. OTHER REQUIREMENT</b>			
a) Pump will be inspected by the Chief Mechanical and Transport Engineer, Prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)	
b) Franchise holder (representative in Kenya). If not, specify relationship with franchise holder.	Yes Specify whether agent/dealer	.....(Y/N)	
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

## **21. HAY BALER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production, hay baler made in conformity with the current agriculture conditions, latest design, in current production, marketed in Kenya	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new	Yes	.....(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions. Designed to meet medium field requirements	Yes, Yes	.....(Y/N)	
d) Suitable for use with agricultural tractors of 40HP-80HP	Yes, Specify tractor Horsepower	.....(Y/N) .....HP	
e) Operated by tractor P.T.O shaft	Yes Specify tractor	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>			
a) Width without chute length, approx...	5.5m	.....m	
b) Width, approx...	2.6mm	.....m	
c) Height, approx...	1.4m	.....m	
d) Track width, approx...	2.4m	.....m	
e) Gathering width including flare	1.7m	.....m	
f) Width feeder crankshaft-inner 3 No. times shear holt	Specify	.....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Protected Outer 3No. tines			
g) Ram strokes, approx.....	90/min	.....strokes/min	
h) Bale chamber measurements approx.,... wxh	460mm x 360mm	.....mm x .....mm	
i) Bale length range	0.4-1.1m	.....m	
j) Weight of machine approx.....	1200-1500kg	.....Kg	
k) Knotters, min	2No.	.....No.	
l) Twine box spools approx.....	8No	.....No.	
<b>3. ACCESSORIES</b>			
a) Manufacturer's complete tool kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the machine	Yes	.....(Y/N)	
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine	Specify	.....	
<b>4. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	One per machine (Mandatory)	.....(Y/N)	
d) Operators handbook and service schedule	One per Machine (Mandatory)	.....(Y/N)	
<b>5. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each machine to carry manufacturer's statement of warranty	Yes	.....(Y/N)	
c) Warranty period, min.	Specify	.....Years/Months	
<b>6. OTHER REQUIREMENT</b>			
a) The Chief Mechanical and Transport Engineer will	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Inspect machine prior to delivery to the user.			
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)	
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

## **22. PALLET TROLLEY 2.TON**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production, pallet trolley of latest design, robust construction and in current production, marketed in Kenya	Yes, Yes, Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
b) Supplied new and unused	Yes	.....(Y/N)	
c) Designed to heavy duty specifications, and suitable for use in tropical conditions	Yes, Yes	.....(Y/N)	
d) Pedestrian /hand driven	Yes	.....(Y/N)	
e) Hydraulically operated	Yes (Mandatory)	.....(Y/N)	
f) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be included in this tender	Yes	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>			
a) Capacity	2ton	.....ton	
b) Height of fork, approx...	1,200mm	.....mm	
c) Lift height, min.	100mm	.....mm	
d) Lowered height, approx...	60mm	.....mm	
e) Dimensions, L X W	900mm x 500mm	.....mm x .....mm	
f) Weight, approx....	80Kg	.....Kg	
g) With a welded steel pump, safety overload and bypass system	Specify	.....	
h) With a top balanceable strengthened fork frame	Specify	.....	
i) With a 3 position control handle	Specify	.....	
j) With suitable metal lifting rods	Specify	.....	
<b>3. ACCESSORIES</b>			
a) Manufacturer's complete tool kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and			

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
specialized tools to be supplied with the machine	Yes	.....(Y/N)	
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine	Specify	.....	
<b>4. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	One per machine (Mandatory)	.....(Y/N)	
d) Operators handbook and service schedule	One per Machine (Mandatory)	.....(Y/N)	
<b>5. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each machine to carry manufacturer's statement of warranty	Yes	.....(Y/N)	
c) Warranty period, min.	Specify	.....Months/Hours	
<b>6. OTHER REQUIREMENTS</b>			
a) The Chief Mechanical and Transport Engineer will inspect machine prior to delivery to the user.	Yes	.....(Y/N)	
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)	
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... .....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
		..... .....	

### **23. PALLET TROLLEY 3TON**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A Standard production, pallet trolley of latest design, robust construction and in current production, marketed in Kenya	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new and unused	Yes	.....(Y/N)	
c) Designed to heavy duty specifications, and suitable for use in tropical conditions	Yes, Yes	.....(Y/N)	
d) Pedestrian /hand driven	Yes	.....(Y/N)	
e) Hydraulically operated	Yes (Mandatory)	.....(Y/N)	
f) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be included in this tender	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>			
a) Capacity	3ton	.....ton	
b) Height of fork, approx...	1,200mm	.....mm	
c) Lift height, min.	100mm	.....mm	
d) Lowered height, approx...	60mm	.....mm	
e) Dimensions, L X W	1,000mm x 550mm	.....mm x .....mm	
f) Weight, approx....	90Kg	.....Kg	
g) With a welded steel pump, safety overload and bypass system	Specify	.....	
h) With a top balanceable strengthened fork frame	Specify	.....	
i) With a 3 position control handle	Specify	.....	
j) With suitable metal lifting rods	Specify	.....	
<b>3. ACCESSORIES</b>			
a) Manufacturer's complete tool kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the machine	Yes	.....(Y/N)	
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine	Specify	.....	
<b>4. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	One per machine (Mandatory)	.....(Y/N)	
d) Operators handbook and service	One per Machine (Mandatory)	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
schedule			
<b>5. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each machine to carry manufacturer's statement of warranty	Yes	.....(Y/N)	
c) Warranty period, min.	Specify	.....Months/Hours	
<b>6. OTHER REQUIREMENTS</b>			
a) The Chief Mechanical and Transport Engineer will inspect machine prior to delivery to the user.	Yes	.....(Y/N)	
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)	
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

## 24. TWO WHEEL TRACTOR

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A standard production, two wheeled tractor, of latest design, in current production	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new	Yes	.....(Y/N)	
c) Suitable for towing light trailers and driving light agricultural implements such as roto tillers, single plough	Yes	.....(Y/N)	
d) Capable of operating in tropical conditions and dusty conditions	Yes	.....(Y/N)	
e) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be fitted	Yes (Mandatory)	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>			
a) Overall length, approx.....	2,000mm	.....mm	
b) Overall width, approx...	1,500mm	.....mm	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
c) Overall height, approx....	1,500mm	.....mm	
d) Machine weight, approx....	Kg	.....Kg	
e) Travelling speed forward 1.0-20Km/h , Reverse 2.5Km/h	Specify	.....mm	
f) Ground clearance approx....	200mm	.....mm	
<b>3. ENGINE</b>			
a) Make	-		
b) Model	-	.....	
c) Country of Origin	-	.....	
d) Engine performance curves supplied	Yes	.....(Y/N)	
e) Engine type Diesel , 4 stroke	Specify	.....	
f) Engine cooling system	Specify	.....	
g) Engine capacity approx...	500cc	.....cc	
h) Maximum power output/ rpm, approx...	5-7KW/2200rpm	.....KW	
i) Air filter, disposable/oil bath	Specify	.....	
j) Oil and fuel filter type	Disposable	.....	
k) Fuel consumption (on full load)	Specify	.....Km/l	
l) Fuel tank capacity, approx	Specify	.....Lt	
<b>4. OTHER ACCESSORIES</b>			
<b>4 i) ROTORVATOR</b>			
a) Make	-		
b) Model	-		
c) Country of Origin	-		
d) Working weight with rotovator	350Kg	.....Kg	
e) Working width rotovator	660mm	.....mm	
f) Number of tilling blades approx	16		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
g) Turning speed of rototilling shaft	180-300 rpm	.....rpm	
<b>4 ii) SINGLE PLOW</b>			
a) Make			
b) Model			
c) Country of Origin			
d) Dimensions, approx....	Specify	.....mm	
e) Weight approx.....	Specify	.....mm	
<b>4. iii) TRAILER</b>			
a) Make			
b) Model			
c) Country of Origin			
d) Dimensions approx.....			
e) Carrying capacity approx.....	Specify	.....	
<b>5. ACCESORIES</b>			
a) Manufacturers complete tools kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Yes	.....(Y/N)	
<b>6. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Operation manuals supplied	Yes (Mandatory)	.....(Y/N)	
c) Repair manuals/CDs supplied	Specify which available (Mandatory)	.....(Y/N)	
d) Parts catalogue/CDs supplied			
<b>6. WARRANTY</b>			
a) Each tractor /implement supplied should carry a statement of warranty	Yes (Mandatory)	.....(Y/N)	
b) Tractor/implement warranty, min 12 Months/2000hrs	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
c) Warranty period, min.	Specify	.....Months/Hours	
<b>7. OTHER REQUIREMENTS</b>			
a) The Chief Mechanical and Transport Engineer will inspect the Tractor/Implement machine prior to delivery to the user.	Yes	.....(Y/N)	
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)	
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

**25. ASPHALT CONCRETE ROAD CUTTER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A standard production, asphalt/concrete cutter and road mark remover of latest design, in current production	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new	Yes	.....(Y/N)	
c) Capable of operating in tropical conditions	Yes	.....(Y/N)	
d) Suitable for cutting asphalt/concrete strip on road and removing road marks, cold plastic, adhesive tape etc.	Yes	.....(Y/N)	
e) Machine to have gripping handle for easy manoeuvrability	Yes (Mandatory)	.....(Y/N)	
f) Machine to have a suitable mechanism for remote adjusting of cutting and removing depth	Yes	.....(Y/N)	
g) Any items not included in this specification but which are deemed necessary for efficient or improved of the equipment shall be included in the tender	Yes	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>			
a) Overall length, approx.....	1,350mm		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
		.....mm	
b) Overall width, approx...	1,200mm	.....mm	
c) Overall height, approx....	1,100mm	.....mm	
d) Operating weight, approx....	270 Kg	.....Kg	
<b>3. ENGINE</b>			
a) Make	-		
b) Model	-	.....	
c) Country of Origin	-	.....	
d) Diesel Engine	Specify	.....(Y/N)	
e) Water/Air cooled	Specify	.....	
f) No. of cylinders	Specify	.....No.	
g) Rated power output (HP/rpm), approx...	9HP/2500	.....HP/rpm	
h) Starting Mechanism	Specify	.....	
i) Air cleaner type replaceable or oil bath	Specify	.....	
j) Oil and fuel filter type	Disposable	.....	
k) Fuel tank capacity, approx...	Lt	.....Lt	
l) Engine performance curves supplied	Yes	.....(Y/N)	
<b>4. EQUIPMENT OPERATION</b>			
a) Asphalt/concrete cutting and blade	Yes	.....(Y/N)	
b) Blade material	Specify	.....	
c) Removal width, approx....	300mm,, adjustable	.....mm	
d) Automatic adjustment of cutting depth	Yes	.....(Y/N)	
e) Blade guard provided	Yes	.....(Y/N)	
f) Maximum cutting depth, approx...	8-10 mm	.....mm	
g) Cooling/Ventilation mechanism	Specify	.....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
h) To supply different shapes of blades for different surfaces	Yes	.....(Y/N)	
i) Special blade for concave/convex	Yes	.....(Y/N)	
j) Engraving	Yes	.....(Y/N)	
k) With a special abrasion resistant modified rubber wheel	Specify	.....	
<b>5. WARRANTY</b>			
a) Equipment supplied to be covered by manufacturer's warranty	Yes (Mandatory)	.....(Y/N)	
b) Warranty duration	Two (2years)	.....(Y/N)	
<b>6. MANUALS AND EQUIPMENT</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Operation Hand book supplied	Yes 1 set per machine (Mandatory)	.....(Y/N)	
c) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)	
d) Parts catalogue and microfiche, supplied	One per machine (Mandatory)	.....(Y/N)	
e) Repair tool kit supplied	One per machine (Mandatory)	.....(Y/N)	
f) Any other equipment	One per machine (Mandatory)	.....(Y/N)	
<b>7. OTHER REQUIREMENTS</b>			
a) The Chief Mechanical and Transport Engineer will inspect the equipment machine prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)	
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)	
c) Availability of spares	Indicate where spares could be sourced	..... ..... .....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
		..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	
f) Training /Demonstration of machine operation to be undertaken by the supplier	Indicate training duration	..... ..... ..... .....	

## **26. MOBILE DOUBLE CYLINDER PRE-HEATER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A standard production, mobile, hydraulic, double cylinder pre heater, of latest design, in current production, marketed in Kenya	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new	Yes, Yes	.....(Y/N)	
c) Designed to export specifications , capable of operating	Yes, Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
in tropical conditions			
d) Suitable for melting/pre heating road construction materials	Yes	.....(Y/N)	
e) Towable by medium size vehicle , truck or tractor	Yes (Mandatory)	.....(Y/N)	
f) Any items not included in this specification but which are deemed necessary for efficient or improved of the equipment shall be included in the tender	Yes	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS , PERFORMANCE</b>			
a) Overall length, approx.....	4,500mm	.....mm	
b) Overall width, approx...	2,000mm	.....mm	
c) Overall height, approx....	2,200mm	.....mm	
d) Weight, approx....	2000 Kg	.....Kg	
<b>3. CONSTRUCTION &amp; PERFORMANCE</b>			
a) Fitted on a heavy duty draw bar trailer/ frame of welded steel construction	Yes	.....(Y/N)	
b) With double cylinder pre heaters of suitable construction and fitted with burners	Yes Specify capacity of each preheater tanks/ burners	.....	
c) Fuel type	Liquefied gas	.....(Y/N)	
d) Fitted with suitable exhaust, unloading chutes and loading system	Yes Specify type	.....(Y/N)	
e) Cylinders made of special/ heat resistant material	Specify material	.....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
f) System complete and fitted with the necessary pressure, safety gauges, nozzles, temperature measuring, devices, tanks, piping etc.	Yes Specify	.....(Y/N)	
g) Fitted with brakes	Pneumatic/hydraulic	.....	
h) Fitted with flashlights	Yes	.....(Y/N)	
i) Tyres pneumatic 2 No. front & 2No. rear	Specify type size No. of each	.....	
j) With a suitable stirring mechanism	Hydraulic	.....(Y/N)	
k) Trailer to have a suitable door with Hinges/Locks	Yes	.....(Y/N)	
l) Suitable towing eye/hook fitted	Yes	.....(Y/N)	
<b>4. ACCESSORIES ETC</b>			
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the equipment	Specify	.....(Y/N)	
c) Any other equipment that manufacturers deems necessary for optimum efficiency of the equipment	Specify	.....(Y/N)	
<b>5. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each equipment to carry manufacturer's statement of warranty	Yes	.....(Y/N)	
c) Equipment warranty, min.	Specify	.....Years	
d) Warranty against corrosion, min	Specify	.....Years	
<b>6. MANUALS</b>			
a) All literature in English language	Yes	.....(Y/N)	
b) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)	
	One per machine		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
c) Parts catalogue supplied	(Mandatory)	.....(Y/N)	
d) Operator's handbook and service schedule supplied	One per machine (Mandatory)	.....(Y/N)	
<b>7. OTHER REQUIREMENTS</b>			
a) The Chief Mechanical and Transport Engineer will inspect the equipment machine prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)	
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)	
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

**27. SINGLE CYLINDER PRE-HEATER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A standard production, mobile,			

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
hydraulic, single cylinder pre heater, of latest design, in current production, marketed in Kenya	Yes, Yes, Yes	.....(Y/N)	
b) Supplied new	Yes, Yes	.....(Y/N)	
c) Designed to export specifications , capable of operating in tropical conditions	Yes, Yes	.....(Y/N)	
d) Suitable for melting/pre heating road construction materials	Yes	.....(Y/N)	
e) Any items not included in this specification but which are deemed necessary for efficient or improved of the equipment shall be included in the tender	Yes	.....(Y/N)	
<b>2. DIMENSIONS AND WEIGHTS</b>			
a) Overall length, approx.....	4,500mm	.....mm	
b) Overall width, approx...	2,000mm	.....mm	
c) Overall height, approx....	2,200mm	.....mm	
d) Weight, approx....	2000 Kg	.....Kg	
<b>3. CONSTRUCTION &amp; PERFORMANCE</b>			
a) Fitted on a medium duty draw frame of welded steel construction	Yes	.....(Y/N)	
b) With single cylinder pre heaters of suitable construction and fitted with burners	Yes Specify capacity of each preheater tanks/ burners	.....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
c) Fuel type	Liquefied gas	.....(Y/N)	
d) Fitted with suitable exhaust, unloading chutes and loading system	Yes Specify type	.....(Y/N)	
e) Cylinders made of special/ heat resistant material	Specify material	.....	
f) System complete and fitted with the necessary pressure, safety gauges, nozzles, temperature measuring, devices, tanks, piping etc.	Yes Specify	.....(Y/N)	
g) With a suitable stirring mechanism	Hydraulic	.....(Y/N)	
<b>4. ACCESSORIES ETC</b>			
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the equipment	Specify	.....(Y/N)	
c) Any other equipment that manufacturers deems necessary for optimum efficiency of the equipment	Specify	.....(Y/N)	
<b>5. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each equipment to carry manufacturer's statement of warranty	Yes	.....(Y/N)	
c) Equipment warranty, min.	Specify	.....Years	
d) Warranty against corrosion, min	Specify	.....Years	
<b>6. MANUALS</b>			
a) All literature in English language	Yes	.....(Y/N)	
b) Repair manual supplied	One per machine (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	One per machine (Mandatory)	.....(Y/N)	
d) Operator's handbook and service schedule supplied	One per machine (Mandatory)	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
<b>7. OTHER REQUIREMENTS</b>			
a) The Chief Mechanical and Transport Engineer will inspect the equipment machine prior to delivery to the user.	Yes (Mandatory)	.....(Y/N)	
b) Firm's Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)	
c) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

**28. 3 POINT ATTACHMENT (TOWED) SOIL STABILIZER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)	
Detailed system layout to be submitted when tendering and letter of authorisation from the manufacturer in original form	Yes (Mandatory)	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
<b>1. GENERAL</b>			
a) A standard production, three point attachment soil stabilizer of latest design, in current production, marketed in Kenya	Yes (Mandatory)	.....(Y/N)	
b) Supplied new	Yes	.....(Y/N)	
c) Designed to export specifications , capable of operating in tropical conditions	Yes	.....(Y/N)	
d) Suitable for mixing all kinds of unbound materials at a high rate of efficiency i.e clays, silt, sand, cement etc	Yes (Mandatory)	.....(Y/N)	
e) Capable of homogeneous mixing for small and large working depths	Yes (Mandatory)	.....(Y/N)	
f) Fitted with three point tractor linkages	Yes (Mandatory)	.....(Y/N)	
g) To be fitted to any standard tractor with engine power 70HPmin. Through the P.T.O	Yes (Mandatory)	.....(Y/N)	
<b>2. DIMENSIONS</b>			
a) Overall body length, approx.....	3,000mm	.....mm	
b) Overall width, approx.....	2,000mm	.....mm	
c) Overall height, approx.....	1,000mm	.....mm	
d) Gross weight, approx.....	Specify	.....Kg	
<b>3. CONSTRUCTION AND PERFORMANCE</b>			
a) Fitted with suitable stabilization and P.T.O driven rotor	Yes (Mandatory) Specify	.....(Y/N)	
b) Fitted with suitable hard wearing teeth or spikes 40No.Size 22mm min	Yes (Mandatory) Specify No. and size	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
c) Special rotor and tooth positioning to obtain homogeneous high quality mixing both vertically and horizontally	Yes (Mandatory) Specify	.....(Y/N)	
d) With 2 drives i.e One double chain per side in oil bath and sealed casing	Specify drive type	.....	
e) Fitted with a suitable 2 friction torque limiters (distributors) 1 per side	Yes (Mandatory) Specify	.....(Y/N)	
f) Equipped with a suitable cover divider system so as to vary mixing volume independently of the working depth	Yes (Mandatory) Specify	.....(Y/N)	
g) Fitted a suitable hydraulically opening rear door	Yes (Mandatory) Specify	.....(Y/N)	
h) Made of heavy gauge steel and properly shaped	Specify	.....(Y/N)	
<b>4. OTHER EQUIPMENT</b>			
a) Greasing cups/fittings with good access provided on machine	Yes	..... (Y/N)	
b) Fully enclosed drive lines	Yes	.....(Y/N)	
c) Manufacturers tool kit provided	Yes	.....(Y/N)	
d) Towing hitch, of alloy steel should be capable of carrying up to 3 tons vertical load of trailer	Yes, Specify load	.....	
e) Robust skid type stand with locking pin to be fitted to underside of drawbar for easy hitching even on soft ground and to protect the braking system	Yes	.....(Y/N)	
f) Towing Hook to be compatible with that for 30-80HP	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
agricultural tractor			
<b>5. EQUIPMENT (ACCESSORIES) ETC</b>			
List , if any of optional equipment	Specify	..... ..... .....	
<b>6. WARRANTY</b>			
a) Each equipment should carry a statement of warranty when tendering	Yes (Mandatory)	.....(Y/N)	
b) Equipment warranty, min. 12 months	Specify	.....months	
<b>7. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Maintenance and service manual supplied	Yes (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	Yes (Mandatory)	.....(Y/N)	
d) Operator's instruction handbook supplied	Yes (Mandatory)	.....(Y/N)	
<b>8. OTHER REQUIREMENTS</b>			
a) Equipment to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications prior to delivery to user	Yes (Mandatory)	.....(Y/N)	
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Specify	.....(Y/N)	
c) Supplying firm to offer training on trouble shooting and maintenance of the equipment	Yes (Mandatory)	.....(Y/N)	
d) Availability of spares	Indicate where spares could be sourced	..... ..... ..... .....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

29. **REFUSE COLLECTION COMPACTOR TRUCK, 12M CUBED**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A standard production, 4X2 , 8ton payload, 12m <sup>3</sup> refuse collection compactor truck of latest design, in current production, marketed in Kenya	Yes (Mandatory)	.....(Y/N)	
b) Supplied new	Yes	.....(Y/N)	
c) Designed to heavy duty specifications , capable of operating in tropical conditions over paved and unpaved roads	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for collecting, compacting and transporting refuse	Yes (Mandatory)	.....(Y/N)	
e) Control Forward/Normal	Yes	.....(Y/N)	
<b>2. DIMENSIONS AND WEIGHTS</b>			

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
a) Overall length, approx.....	7,500mm	.....mm	
b) Overall width, approx.....	2,300mm	.....mm	
c) Overall height, approx.....	3,400mm	.....mm	
d) Wheelbase, approx.....	4,500mm	.....mm	
e) Length of chassis aft of cab approx....	4,500mm	.....mm	
f) Kerb weight (excluding body), approx....	4,500Kg	.....Kg	
g) G.V.W approx....	18,000Kg	.....Kg	
h) Payload approx.....	8,000Kg	.....Kg	
i) Permissible/legal front (steering) axle load, max.	8,000Kg	.....Kg	
j) Permissible/legal rear (for dual wheels) axle load, max.	10,000Kg	.....Kg	
k) Rear overhang approx.....	1,200mm	.....mm	
<b>3. ENGINE</b>			
a) Make	-		
b) Model	-		
c) Country of origin	-		
d) Engine performance curves supplied	Yes	.....(Y/N)	
e) Diesel engine, Water cooled, 4 stroke	Yes, Yes, Yes	.....(Y/N)	
f) Mode of aspiration (Natural/Turbocharged)	Specify	.....	
g) Piston displacement, approx....	5,000-10,000cc	.....cc	
h) Maximum power output/rpm min.	200HP/2600rpm	.....HP/rpm	
i) Maximum torque developed /rpm min.	600Nm/1600rpm	.....Nm/rpm	
j) Air cleaner type, disposal/oil bath	Specify	.....	
k) Oil and fuel filter type	Disposable	.....	
	Specify	.....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
l) Average fuel consumption (on full load)			
m) Fuel tank capacity, approx...	200Lt	.....Lt	
n) Extra fuel tank fitted	Yes	.....(Y/N)	
capacity	Specify	.....Lt	
<b>4. CLUTCH AND TRANSMISSION</b>			
a) Clutch, dry type, single plate	Yes, Yes	..... (Y/N)	
b) Clutch , system actuation, Hydraulic	Yes	.....(Y/N)	
c) Gearbox, synchromesh	Yes	.....(Y/N)	
d) Number of speeds, min.	5F, 1R	.....F/.....R	
e) Drive configuration	4 x 2	..... x.....	
<b>5. BRAKE, TYRE AND SUSPENSION</b>			
a) Brake, hydraulic-pneumatic assisted	Yes	.....(Y/N)	
b) Mechanical parking brake to act on transmission	Yes	.....(Y/N)	
c) Rear tyres	Dual	.....	
d) Tyres size locally available	Yes	.....(Y/N)	
e) Optimum tyre size	Specify	.....	
f) Suspension front and rear heavy-duty leaf springs with telescopic shock absorbers at front	Yes, Yes	.....(Y/N)	
<b>6. STEERING, CONTROL AND CAB</b>			
a) Right hand drive steering	Yes	.....(Y/N)	
b) Steering type, Manual/assisted	Assisted	.....	
c) All steel, spacious Cab to seat 3 passengers comfortably	Yes, Yes	.....(Y/N)	
d) Adjustable driver's seat	Yes	.....(Y/N)	
e) Seat belts to conform to KEBS 06-664:1985 STANDARD	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
<b>7. ELECTRICAL SYSTEM AND INSTRUMENTS</b>			
a) System voltage, negative earth	24 V, Yes	.....(Y/N)	
b) Battery capacity and size	Specify	.....AH	
c) Full lighting to conform to Kenya Traffic Act Cap 403 Subs 23	Yes	.....(Y/N)	
d) Standard instruments, gauges and warning lights for charging circuit, oil pressure, coolant temperature, etc	Yes	.....(Y/N)	
<b>8. EQUIPMENT ETC.</b>			
a) Heavy duty type front fender	Yes	.....(Y/N)	
b) Laminated (safety) windshield	Yes	.....(Y/N)	
c) Sun visors supplied	Yes	.....(Y/N)	
d) Rear view mirrors (external both sides and internal) supplied	Yes	.....(Y/N)	
e) Full size spare tyre with rim and carrier mounted under truck	Yes	.....(Y/N)	
f) Hydraulic (telescopic) jack, wheel brace and manufacturer's standard tools, supplied	Yes, Yes, Yes	.....(Y/N)	
g) Any other equipment (or accessories) supplied	Specify	..... ..... .....	
h) Vehicle to be fitted with electronic speed governor	Yes, Mandatory	.....(Y/N)	
i) Governor to limit maximum speed to 80km/h	Yes, Mandatory	.....(Y/N)	
j) Governor to be tamper proof	Yes, Mandatory	.....(Y/N)	
<b>B. REFUSE COLLECTION COMPACTOR BODY</b>			
<b>9. BODY CONSTRUCTION</b>			
a) The requirement is for a fabricated 10-12m <sup>3</sup> capacity refuse collection	Yes (Mandatory)	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
compactor body type to be mounted on the cab/chassis			
b) Designed to suit the given truck chassis with minimum capacity	Yes	.....(Y/N) .....m <sup>3</sup>	
c) Standard manufacturer's shape	Yes	.....(Y/N)	
d) Body dimensions approx..... Length	4,000mm	.....mm	
Width	2,200mm	.....mm	
e) High tensile steel fabricated smooth sided full width refuse collection body	Yes	.....(Y/N)	
f) Fitted with under floor sump to prevent liquid seepage and to allow clean discharge of any liquid content	Yes, Mandatory	.....(Y/N)	
<b>10. HOPPER</b>			
a) Fitted with a suitable high tensile abrasion resistant steel hopper for loading/unloading refuse	Yes, Mandatory	.....(Y/N)	
b) Swept volume capacity, min.	2.4 m <sup>3</sup>	.....m <sup>3</sup>	
c) Full uncluttered loading width	1.8m	.....m	
d) Low rail height for manual loading versatile bin lift mounting	Yes, Mandatory	.....(Y/N)	
e) Bolt-on rail adaptor for bin lifts	Yes, Mandatory	.....(Y/N)	
f) With pressed side plates forming integrated channels to guide the packing mechanism	Yes, Mandatory	.....(Y/N)	
g) With integral full height body hopper seal to prevent liquid leakage from the bottom edge and hopper sides	Yes, Mandatory	.....(Y/N)	
h) Reduced overhang for improved weight distribution and manoeuvrability	Yes, Mandatory	.....(Y/N)	
<b>11. PACKING MECHANISM</b>			
a) Fitted with a suitable high tensile abrasion resistant steel packing	Yes,	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
mechanism			
b) Slides within hopper channels on low friction self-lubricating bearings	Yes,	.....(Y/N)	
c) With heavy duty packer and sweeper cylinders	Yes	.....(Y/N)	
d) Cycle time approx.....	20 seconds	.....seconds	
<b>12. REFUSE EJECTION BARRIER</b>			
a) Fitted with a barrier face of suitable high tensile abrasion resistant steel forming a smooth and unobstructed discharge surface	Yes	.....(Y/N)	
b) With suitable bearings for guiding the barrier along rails within the body	Yes	.....(Y/N)	
c) With multistage double acting hydraulic cylinder for efficient ejection and retraction	Yes	.....(Y/N)	
<b>13. HYDRAULIC SYSTEM</b>			
a) Fitted with a barrier face of suitable hydraulic system with P.T.O mounted close coupled pump, delivery rate 88L/min at 1000 rpm	Yes	.....(Y/N)	
b) Body mounted tank with remote pressure fill with return line filler	Yes	.....(Y/N)	
c) Engine speed is maintained by electronic throttle control system when hydraulic power consumption increases	Specify	.....	
d) Separate spool electro-pneumatic operated valves control all systems functions	Specify	.....	
e) With heavy duty inverted sweeping cylinders fitted with maintenance free spherical bearings	Specify	.....	
f) With heavy duty inverted packing cylinders mounted	Specify	.....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
outside the hopper, clear of the loading area			
g) With roof mounted hopper lift cylinders	Specify	.....	
<b>14. ELECTRICAL AND ACCESSORIES</b>			
a) Printed circuit board located in cab for easy access and maintenance	Yes	.....(Y/N)	
b) Fully integrated system logic, fully water proofed side mounted junction box contained within a locker	Yes	.....(Y/N)	
c) Colour coded wiring	Yes	.....(Y/N)	
d) Weather proof switch, plug, socket connectors	Yes	.....(Y/N)	
e) With interlocks i.e Automatic body/hopper to prevent mechanisms from working unless the hopper is fully lowered/ automatic gear box, load holding valves, operation indicator and high level rear lights etc. to enhance safety	Specify	.....	
<b>15. WARRANTY</b>			
a) Specimen of truck warranty to be submitted when tendering	Yes	.....(Y/N)	
b) Each truck supplied to carry a statement of warranty	Yes (Mandatory)	.....(Y/N)	
c) Warranty duration min, 12 Months or 40,000Km whichever occurs first	Specify	.....Km .....Months	
<b>16. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Maintenance and service manual supplied	Yes (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	Yes, 1 per equipment	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
	(Mandatory)		
d) Operator's instruction handbook supplied	1 per equipment (Mandatory)	.....(Y/N)	
e) Shop manuals/CD supplied	1 per equipment (Mandatory)	.....(Y/N)	
f) Driver's handbook and service schedule supplied	1 per equipment (Mandatory)	.....(Y/N)	
<b>17. OTHER REQUIREMENTS</b>			
a) Truck to be registered with the Register of Motor Vehicles	Yes	.....(Y/N)	
b) Truck to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications throughout the construction stages prior to delivery to user	Yes (Mandatory)	.....(Y/N)	
c) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)	
d) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....	
e) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... .....	

**30. HEAVY DUTY DISC HARROW**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A standard production, heavy duty disc harrow, made in conformity with the current agriculture conditions, latest design, in current production	Yes (Mandatory)	.....(Y/N)	
b) Supplied new	Yes	.....(Y/N)	
c) Designed to export specifications , capable of Operating in tropical soils and conditions. Hitch designed to meet large field requirements	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for use with a 60-100HP range of agricultural tractors and hydraulically operated from the P.T.O point	Yes (Mandatory)	.....(Y/N)	
e) Scalloped or plain set in adjustable offset gangs with self-aligning triple ply sealed integrated ball bearings and with disc scrapers	Yes	.....(Y/N)	
<b>2. DIMENSIONS AND WEIGHTS</b>			
a) Total length, approx.....	2,200mm	.....mm	
b) Total width, approx.....	2,000mm	.....mm	
c) Total height, approx.....	1,400mm		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
		.....mm	
d) Working depth approx.....	300mm	.....mm	
e) Working width, approx...	1,800mm	.....mm	
f) Space between discs, approx....	180mm	.....mm	
g) Diameter od disc, approx	450mm	.....mm	
h) Number of notched discs minimum	20 No.	.....No.	
<b>3. EQUIPMENT (ACCESSORIES) ETC.</b>			
a) Manufacturer's complete tools kit supplied	Yes-	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the implements	Specify	.....	
<b>c) Any other equipment that manufacturer deems necessary for optimum efficiency of the implements</b>	Specify	.....	
<b>4. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each equipment and implements supplied to carry a statement of warranty	Yes (Mandatory)	.....(Y/N)	
c) Implement warranty	Specify	.....Years	
d) Warranty against corrosion	Specify	.....Years	
<b>5. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Repair manual supplied	Yes, 1 per implement (Mandatory)	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
c) Parts catalogue supplied	Yes, 1 per implement (Mandatory)	.....(Y/N)	
d) Operator's handbook and service schedule supplied	1 per implement (Mandatory)	.....(Y/N)	
<b>6. OTHER REQUIREMENT</b>			
a) Truck to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications prior to delivery to user	Yes (Mandatory)	.....(Y/N)	
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)	
c) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....	
d) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

**31. LATERAL BOOM SPRAYER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority	Yes		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
and Specifications Supplied along with this tender and in original form	(Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A standard production, lateral boom sprayer, made in conformity with the current agriculture conditions, latest design, in current production	Yes (Mandatory)	.....(Y/N)	
b) Supplied new	Yes	.....(Y/N)	
c) Designed to export specifications , capable of Operating in tropical soils and conditions. Designed to meet large field requirements	Yes, Yes, Yes	.....(Y/N)	
d) Suitable for use with a 40-80HP range of agricultural tractors and hydraulically operated from the tractor P.T.O point	Yes (Mandatory)	.....(Y/N)	
e) Tractor mounted type	Yes	.....(Y/N)	
f) Suitable for spraying and disturbing herbicides/agrochemicals	Yes	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS AND PERFORMANCE</b>			
a) Tubular section in stainless steel lateral boom, foldable	Yes Mechanically/Hydraulically driven	.....(Y/N)	
b) Nozzles made of hard wearing material-brass, eramic etc	Specify nozzle material and No.	.....	
c) Fitted with a pesticide/agrochemicals resistant tank with baffle plates	Yes	.....(Y/N)	
d) Fitted with a suitable agitator	Yes Mechanical/Hydraulic	.....(Y/N)	
e) Fitted with pump, suitable pressure regulator and gauges	Yes	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
f) Fitted with a suitable filter	Yes	.....(Y/N)	
g) Delivery rate	50lts/min	.....lts/min	
h) Max. pressure, approx	15bar	.....bar	
i) Approx.... weight of machine	250kg	.....kg	
j) Tank capacity range	600-1000lt	.....lt	
k) Total height of the machine	500-1500mm	.....mm	
l) Total length approx.....	1200mm	.....mm	
m) Total width approx....	1,000mm	.....mm	
<b>3. EQUIPMENT (ACCESSORIES) ETC.</b>			
a) Manufacturer's complete tools kit supplied	Yes-	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the boom sprayer	Specify	.....	
c) Any other equipment that manufacturer deems necessary for optimum efficiency of the boom sprayer	Specify	.....	
<b>4. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each sprayer to carry a manufacturer's statement of warranty	Yes (Mandatory)	.....(Y/N)	
c) Sprayer warranty, min.	1 year	.....Year	
<b>5. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
b) Repair manual supplied	Yes, 1 per machine (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	Yes, 1 per machine (Mandatory)	.....(Y/N)	
d) Operator's handbook and service schedule supplied	1 per machine (Mandatory)	.....(Y/N)	
<b>6. OTHER REQUIREMENT</b>			
a) Sprayer to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications prior to delivery to user	Yes (Mandatory)	.....(Y/N)	
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)	
c) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....	
d) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

### 32. FORAGE HARVESTER/CHOPPER, TWO ROWS

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A standard production forage chopper, two rows latest design, in current production, marketed in Kenya	Yes (Mandatory)	.....(Y/N)	
b) Supplied new, unused	Yes	.....(Y/N)	
c) Designed to export specifications , capable of Operating in tropical conditions.	Yes Yes, Yes,	.....(Y/N)	
d) Suitable for cutting hay for animals from fodder crops, green maize and stalks, napier grass etc. for silage making	Yes	.....(Y/N)	
e) P.T.O driven by an agricultural of 60-90HP	Yes, Yes Specify	.....(Y/N)	
f) Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be fitted/supplied	Yes	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS AND PERFORMANCE</b>			
a) Power requirement	2-4Kw	.....(Y/N)	
b) Rotational speed	700-1000rpm	.....rpm	
c) Two rows	Yes (Mandatory)	.....(Y/N)	
d) Dimensions			

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
<b>3. EQUIPMENT (ACCESSORIES) ETC.</b>			
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the Equipment	Specify	.....	
<b>c) Any other equipment that manufacturer deems necessary for optimum efficiency of the boom sprayer</b>	Specify	.....	
<b>4. WARRANTY</b>			
a) Specimen of warranty to be submitted when tendering	Yes (Mandatory)	.....(Y/N)	
b) Each equipment to carry a manufacturer's statement of warranty	Yes (Mandatory)	.....(Y/N)	
c) Equipment warranty, min.	1 Year	.....Year	
<b>5. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Repair manual supplied	Yes, 1 per machine (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	Yes, 1 per machine (Mandatory)	.....(Y/N)	
d) Operator's handbook and service schedule supplied	1 per machine (Mandatory)	.....(Y/N)	
<b>6. OTHER REQUIREMENT</b>			
a) Equipment to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications prior to delivery to user	Yes (Mandatory)	.....(Y/N)	
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
c) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....	
d) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... ..... .....	

### **33. CHISEL PLOUGH**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
Manufacturer's Literature, Authority and Specifications Supplied along with this tender and in original form	Yes (Mandatory)	.....(Y/N)	
<b>1. GENERAL</b>			
a) A standard production chisel plough, made in conformity with the current agriculture conditions, Latest design, in current production.	Yes (Mandatory)	.....(Y/N)	
b) Supplied new	Yes	.....(Y/N)	
c) Designed to export specifications, capable of operating in tropical soils and conditions. Hitch designed to meet medium field requirements	Yes, Yes,	.....(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
d) Suitable for use with a specific range of agricultural tractors and operated from the P.T.O point	Yes	.....(Y/N)	
e) Strong main frame with bolted alloy steel legs to get most convenient penetration angle for efficiency. Reversible tines especially treated for strength and anti-corrosion	Yes	.....(Y/N)	
<b>2. DIMENSIONS, WEIGHTS AND PERFORMANCE</b>			
a) Number of times , min	7	.....	
b) Distance between beams, approx....	3,000 mm	.....mm	
c) Working width, approx.....	2,100mm	.....mm	
d) Working depth, approx....	450mm	.....mm	
e) Ground clearance, approx.....	600mm	.....mm	
f) Weight, approx.....	500kg	.....Kg	
g) Power requirement	50-90HP	.....	
<b>3. EQUIPMENT (ACCESSORIES) ETC.</b>			
a) Manufacturer's complete tools kit supplied	Yes	.....(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the Equipment	Specify	.....	
<b>c) Any other equipment that manufacturer deems necessary for optimum efficiency of the Chisel plough</b>	Specify	.....	
<b>4. WARRANTY</b>			
a) Specimen of warranty to be	Yes		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
submitted when tendering	(Mandatory)	.....(Y/N)	
b) Equipment to carry a manufacturer's statement of warranty	Yes (Mandatory)	.....(Y/N)	
c) Equipment warranty, min.	1 Year	.....Years	
d) Warranty against corrosion, min.	3 Years	.....Years	
<b>5. MANUALS</b>			
a) All literature in English language	Yes (Mandatory)	.....(Y/N)	
b) Repair manual supplied	Yes, 1 per chisel plough (Mandatory)	.....(Y/N)	
c) Parts catalogue supplied	Yes, 1 per chisel plough (Mandatory)	.....(Y/N)	
d) Operator's handbook and service schedule supplied	Yes, 1 per chisel plough (Mandatory)	.....(Y/N)	
<b>6. OTHER REQUIREMENT</b>			
a) Equipment to be inspected by the Chief Mechanical and Transport Engineer, for compliance with the Technical specifications prior to delivery to user	Yes (Mandatory)	.....(Y/N)	
b) Firm's status- Franchise holder/Dealer/Agent), attach proof thereof	Yes Specify whether agent/dealer	.....(Y/N)	
c) Availability of spares	Indicate motor vehicle dealers who stock spares and where spares could be sourced	..... ..... ..... .....	
d) Names and address of dealers/agents where back-up service can be obtained indicating the location of the Workshops facilities.	Specify	..... ..... ..... .....	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
		.....	

**34. FRUIT PULPER (various fruits)**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Electric fruit pulper (various varieties) made of stainless steel with destoning capability			
b) Supplied new.	Yes	____(Y/N)	

**2. PERFORMANCE.**

	Production Capacity (Output)	100-300 L/hr	.....L/hr	
	Operating mechanism	<p><u>67.</u> Mounted on a heavy duty mild steel stand, the central pulping unit of the machine consists of a pair of brushes fixed on stainless steel shaft and one stainless steel sieve.</p> <p><u>68.</u> The gap between the sieve and brushes can be adjusted to suit different types, sizes and qualities of product to be pulped. The sieve is available in perforations of</p>		

		different sizes and is easily removable for quick interchanging and cleaning.		
	Equipment body material	69. All parts in contact with fruits be made from food grade stainless steel.		
	Minimum Motor size	2 hp	.....hp	
	Power rating	240V, 50Hz	.....	

### 3. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	<ul style="list-style-type: none"> <li>• Stainless steel gear pump</li> <li>• Stainless steel passer tank 100lt capacity</li> </ul>	_____Y/N -----Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

## **35. WATER BATH**

a) <b>WATER BATH with:</b> STAINLESS STEEL TANK, PUMP CIRCULATION, TEMP UP TO 100C. AND ALCOHOL THERMOMETER.	Yes	_____ (Y/N)	
b) Supplied new.	Yes	_____ (Y/N)	

## 2. PERFORMANCE.

f)	Production Capacity	20litre	.....litre	
g)	Temperature	<ul style="list-style-type: none"> <li>• Range- Ambient +2°C to 100°C</li> <li>• Accuracy- ±0.1°C</li> <li>• Uniformity- ±0.1°C</li> </ul>		
h)	Mechanism of operation	Reciprocating shaker at 10 to 200 oscillations/min		
i)	Motor size (minimum)	2 hp	.....hp	
j)	Power rating	240 V, 50 Hz	.....	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Minimum Length	500 mm	.....mm	
b)	Minimum Working width	300 mm	.....mm	
c)	Minimum Height (Depth)	150 mm	.....mm	

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify		
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		

**36. BATCH PASTEURISER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Batch pasteuriser for milk, fruit pulp made from stainless steel ASI 304. PRODUCTION CAPACITY 300-400 Litres. Automated temperature control system with maximum temperature of 90°C.	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

**2. PERFORMANCE.**

n)	Construction material	Stainless steel		
o)	Capacity	300-400 litres		
p)	Operating mechanism	Uses electrical agitator and electric heating element.		
q)	Power consumption	18-20 kWh.		
r)	Power requirement	240V, 50Hz		
s)	Minimum electric motor size	1.5-2 hp		

**3. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify		
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

**37. WATER DISTILLER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) WATER DISTILLER. 20LTRS/HOUR, STAINLESS STEEL.	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

## 2. PERFORMANCE.

e	Capacity	20 litres/Hour	_____(Y/N)	
f	Energy consumption	0.7 kWh/litre	_____(Y/N)	
g	Power rating	240V, 50Hz	_____(Y/N)	
h	Material of construction	Stainless steel	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Minimum Length	500 - mm	_____(Y/N)	
b)	Minimum Working width	350 mm	_____(Y/N)	
c)	Minimum Height	800 mm	_____(Y/N)	

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	_____	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

## **38. HONEY EXTRACTOR**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
	-		

MODEL			
COUNTRY OF ORIGIN	-		
a) Manual Honey Extractor made of stainless steel	Yes	_____ (Y/N)	
b) Supplied new.	Yes	_____ (Y/N)	

**2. PERFORMANCE.**

c)	Frames	3 frames	.....(Y/N)	
d)	Support stands	3 stands	.....(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Diameter	350-400 mm	.....(Y/N)	
b)	Height	600-650 mm	.....(Y/N)	
c)	Total Height	1000-1100 mm	.....(Y/N)	

**3. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	<ul style="list-style-type: none"> <li>• Settling tank (60 litres capacity)</li> <li>• Complete honey harvesting kit</li> </ul>	 _____ (Y/N)  _____ (Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

**39. FOOD GRADE WORKING TABLE**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Stainless steel working table	Yes	_____ (Y/N)	
b) Supplied new.	Yes	_____ (Y/N)	

**2. DIMENSIONS**

f)	Construction material	18 Gauge Stainless Steel Top	_____ (Y/N)	
----	-----------------------	------------------------------	-------------	--

g)	Structure	<ul style="list-style-type: none"> <li>Galvanized Adjustable Under Shelf</li> <li>Adjustable feet to compensate for uneven floor</li> <li>Adjustable under shelf - great for storage</li> </ul>	_____(Y/N)	
h)	Minimum Length	1800 mm	_____(Y/N)	
i)	Minimum Working width	800 mm	_____(Y/N)	
j)	Minimum Height	900 mm	_____(Y/N)	

#### **40. BATCH TYPE WASHER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Electric Stainless steel washing machine for vegetables and fruits.	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

#### **2. DIMENSIONS**

a)	Capacity	200 -500 kg/hr	_____(Y/N)	
b)	Power requirement	1-2 hp	_____(Y/N)	
c)	Power rating	240V, 50Hz	_____(Y/N)	

#### **3 WARRANTY**

a )	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b )	Warranty, minimum.	12 months	.....months	
c )	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify		
d )	Names and locations of dealers/agents where back-up service can be obtained.	Specify		

#### **41. PACKAGING MACHINE**

a)	A standard packaging machine suitable for filling, wrapping, labelling, laminating and sealing of powder and liquid products.	Yes	____(Y/N)	
b)	Supplied new.	Yes	____(Y/N)	

#### **2. PERFORMANCE.**

i)	Production Capacity (Output)	30-80packets/minute	____(Y/N)	
j)	Film width	120-380mm	____(Y/N)	
k)	Bag length	50-280mm	____(Y/N)	
l)	Bag width	50-180mm	____(Y/N)	
m)	Diameter of film roll	Max.320mm	____(Y/N)	
n)	Film thickness	0.04-0.07mm	____(Y/N)	
o)	Minimum Motor size	2 Hp	____(Y/N)	
p)	Power	240V, 50Hz	____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>		____(Y/N)	
a)	Minimum Length	900	____(Y/N)	
b)	Minimum Working width	600	____(Y/N)	
c)	Minimum Height	1900	____(Y/N)	

#### **4 ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	____(Y/N)	
b)	Comprehensive list of standard and specialized Tools to be supplied with the machine.	Yes	____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

#### **42. MOTORISED CASSAVA CHIPPER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
	-		

MAKE			
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Motorized cassava chipper	Yes	____(Y/N)	
b) Supplied new.	Yes	____(Y/N)	

## 2. PERFORMANCE.

e)	Production Capacity (Output)	300-500kg/hr	____(Y/N)	
f)	Material	Parts in contact with cassava are made of food grade stainless steel	____(Y/N)	
g)	Design requirements	<ul style="list-style-type: none"> <li>• Should have inlet and outlet hoppers</li> <li>• Should have support stands with minimum ground to machine clearance of 400mm</li> </ul>	____(Y/N)	
h)	Minimum power requirements	5-6 hp	____(Y/N)	

## 3 ACCESSORIES

a	Manufacturer's standard tool kit supplied.	Yes	____(Y/N)	
b	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N	
c	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

## 43. SEALING MACHINE

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		

COUNTRY OF ORIGIN	-		
a ) Electric and portable sealing machine with an electric switch for ignition to seal plastic paper	Yes	_____(Y/N)	
b ) Supplied new.	Yes	_____(Y/N)	

**2 PERFORMANCE.**

a ) Production Capacity (Output)	20 pieces/Min	_____(Y/N)	
<b>3 DIMENSIONS</b>			
a ) Length of heating zone	250-300 mm	_____(Y/N)	

**4 ACCESSORIES**

a ) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b ) Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N	
c ) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

**44. DIGITAL WEIGHING MACHINE**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a ) Weighing upto 150 kgs with an electronic digital dial and switch.	Yes	_____(Y/N)	
b ) Supplied new.	Yes	_____(Y/N)	

**2 PERFORMANCE.**

m)	Production Capacity (Output)	150kg	_____(Y/N)	
n)	Material:	Stainless Steel	_____(Y/N)	
o)	Accuracy:	50 g	_____(Y/N)	
p)	Structure:	Electronic Platform	_____(Y/N)	
q)	Display	LCD screen	_____(Y/N)	
r)	Power dial charging system	240V, 50Hz	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Minimum weighing platform area	0.15 – 0.2 m <sup>2</sup>	_____(Y/N)	

#### 4 ACCESSORIES

a	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)	
c	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

#### 45. MOTORIZED ANIMAL FEED MIXER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Motorised animal feed mixer consisting of crushing and mixing units	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

#### 2. PERFORMANCE.

f)	Production Capacity (Output)	Minimum of 500 kg/hr.	.....(Y/N)	
g)	Type of machine	Batch type	.....(Y/N)	
h)	Crushing Power	7.5kw	.....(Y/N)	
i)	Mixing Power	3kw	.....(Y/N)	

j)	Power rating	240V, 50 Hz	.....(Y/N)
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**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	

**46. MOTORIZED PELLETIZER MACHINE**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Motorized Pelletizer Machine	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

**2. PERFORMANCE.**

a)	Production Capacity (Output)	600-800kg/hr	_____(Y/N)
b)	Minimum motor size	7-15 hp	_____(Y/N)
c)	Minimum die diameter	250mm	_____(Y/N)
d)	Pellet size	2.5 – 8 mm diameter	_____(Y/N)
e)	Power	240V, 50Hz	_____(Y/N)
f)	Number of rollers	2 rollers	_____(Y/N)

**3. DIMENSIONS**

a)	Length	1200-1250 mm	_____(Y/N)
b)	Working width	500-550 mm	_____(Y/N)
c)	Height	1000-1100 mm	_____(Y/N)

**4. ACCESSORIES**

a)		Yes	_____(Y/N)
----	--	-----	------------

	Manufacturer's standard tool kit supplied.			
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

#### **47. FLOUR MIXER/BLENDER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Flour Mixer/Blender - horizontal type, 3-hopper manually fed machine.	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

#### **2. PERFORMANCE.**

a)	Production Capacity (Output)	300-500kg/hr	_____(Y/N)	
b)	Power requirement	7-10 hp	_____(Y/N)	
c)	Speed	12rpm	_____(Y/N)	
d)	Mixing Time	6-10 min	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Length	2960-3386 mm	_____(Y/N)	
b)	Width	1500-1900 mm	_____(Y/N)	
c)	Height	2480-3560 mm	_____(Y/N)	

#### **4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____Y/N	

c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	
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**5. WARRANTY**

**48. FOOT SEALER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Sealing machine able to seal plastic paper with 300mm foot pedal actuator	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

**2. PERFORMANCE.**

a)	Production Capacity (Output)	10-30 bags/min	_____(Y/N)	
b)	Power requirements	2.5-3 hp	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Length	200-400 mm	_____(Y/N)	
b)	Sealing width	5-20 mm	_____(Y/N)	
d)	Sealing area (mm)	300-1000 mm	_____(Y/N)	

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

#### **49. MOTORISED COCONUT DE-HUSKER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Motorised Coconut de-husker (various varieties) made of stainless steel with stoning capability	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

#### **2. PERFORMANCE.**

a)	Production Capacity (Output)	300-600pcs/hr	_____(Y/N)	
b)	Power requirements	2-3 hp	_____(Y/N)	
c)	Power	240 V/ 50 Hz	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Length	1000-1500 mm	_____(Y/N)	
b)	Working width	500-1000 mm	_____(Y/N)	
c)	Height	1000-1500 mm	_____(Y/N)	

#### **4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

#### **50. MOTORISED COCONUT GRATER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
	-		

MAKE			
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Electric Coconut grater (various varieties) made of food grade stainless steel with destoning capability	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

## 2. PERFORMANCE.

a)	Production Capacity (Output)	200-400kg/hr	_____(Y/N)	
b)	Minimum Motor size	0.5-2 hp	_____(Y/N)	
	Grating material	Food grade stainless steel with destoning capability		
c)	Power	240V, 50 Hz	_____(Y/N)	

## 3. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

## 4. WARRANTY

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b)	Warranty, minimum.	12 months	.....months	

## 5. MANUALS

a)	All literature in English Language	Yes	_____(Y/N)	
b)	Repair manual/CD supplied	One per machine	_____(Y/N)	
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

## 6. OTHER REQUIREMENT

a) The Chief Mechanical and Transport Engineer will inspect Machine prior to delivery to the user.	Yes	_____(Y/N)	
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify		
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify		

## **51. MOTORISED COCONUT OIL EXPELLER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Motorised coconut oil expeller with filter powered by electric motor	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

### **2. PERFORMANCE.**

a)	Production Capacity (Output)	Minimum of 20 -25 l/hr	_____(Y/N)	
	Operation mechanism	Screw type	_____(Y/N)	
b)	Minimum Motor size	5- 8 hp	_____(Y/N)	
c)	Power	240 V, 50Hz	_____(Y/N)	

### **3. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

## **52. MOTORISED MULTI-PURPOSE GRAIN THRESHER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Engine powered Multi-purpose Grain Thresher made of steel with inlet hopper (minimum outermost area of 600mm by 300mm) & outlet chute and winnowing system.	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

### **2. PERFORMANCE.**

h)	Production Capacity (Output)	350 – 450 kg/hr	_____(Y/N)	
i)	Threshing and cleaning mechanisms	<ul style="list-style-type: none"> <li>Threshing is achieved through rubbing and impact action of beater studs against grain in enclosed drum</li> <li>Has a blower system and shaker mechanism for cleaning</li> </ul>	_____(Y/N)	
j)	Sieves	4-5 sizes for pulses, cereals and oil seeds	_____(Y/N)	
k)	Transport	Attached with pneumatic wheels for easy transportation	_____(Y/N)	
l)	Power requirement	8-13 hp	_____(Y/N)	
m)	Engine cooling system	Specify		
n)	Engine capacity (minimum)	418cc	_____(Y/N)	

### **3. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

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**53. MOTORISED MULTI-PURPOSE GRAIN GRADER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		

a) Motorised multi-purpose Grader made of stainless steel. Automated system	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

**2. PERFORMANCE.**

f) Production Capacity (Output)	300-500 kg/hr based on green grams	_____(Y/N)	
g) Grading system	<b>47.</b> No. of Screen: Three  <b>48.</b> Screen Inclination: Fixed  <b>49.</b> Screen Perforation	_____(Y/N)	
h) Bagging			

i)	Power requirement	2-5 Hp	_____(Y/N)	
j)	Power	240 V, 50Hz	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Minimum Length	300 mm	_____(Y/N)	
b)	Minimum Working width	200 mm	_____(Y/N)	
c)	Minimum Height	250 mm	_____(Y/N)	

#### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

#### **54. MOTORISED CASHEW NUT DECORTICATOR**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Motorised cashew nut Decorticator. Automated system	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

#### **2. PERFORMANCE.**

f)	Production Capacity (Output)	300-600 kg/hr	_____(Y/N)	
g)	Automation Grade Automatic	Semi-Automatic	_____(Y/N)	
h)	Material	<ul style="list-style-type: none"> <li>• Parts in contact with food: Food grade Stainless Steel</li> <li>• Surface Treatment: Galvanized</li> </ul>	_____(Y/N)	
i)	Motor size	2 - 5hp	_____(Y/N)	
j)	Power	240 V, 50Hz	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Minimum volume	2.8 cubic metres	_____(Y/N)	

#### **4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

#### **55. SCREW-PRESS PALM OIL EXTRACTOR**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
	-		

MAKE			
MODEL	-		
COUNTRY OF ORIGIN	-		
a) A standard spiral oil press, made of stainless steel	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

## 2. PERFORMANCE.

e)	Production Capacity (Output)	20-50 Kg/hr	_____(Y/N)	
f)	Operating mechanism	Screw/spiral type	_____(Y/N)	
g)	Power requirement	5-8Hp	_____(Y/N)	
h)	Power	240V, 50 Hz	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Minimum Length	600 mm	_____(Y/N)	
b)	Minimum Working width	300 mm	_____(Y/N)	
c)	Minimum Height	500 mm	_____(Y/N)	
d)	weight	100-200 kg	_____(Y/N)	

## 4 ACCESSORIES

a )	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b )	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)	
c )	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

## 56. ROW CROP SILAGE CHOPPER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		

a)	One Row crop silage chopper with a swinging chute	Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	

## 2. PERFORMANCE.

e)	Production Capacity (Output)	8 - 10tn/hr	_____(Y/N)	
f)	Power requirement	>15Hp	_____(Y/N)	
g)	Power	Tractor PTO powered	_____(Y/N)	
h)	Revolutions per minute	540 rpm	_____(Y/N)	

## 3. DIMENSIONS

a)	Length	1500 mm	_____(Y/N)	
b)	Working width	1600 mm	_____(Y/N)	
c)	Height	1200 mm	_____(Y/N)	

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

## 57. Digital Moisture Meter

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
b) Grain moisture measuring device with digital dial used for measuring cereals, pulses etc	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

## 2. PERFORMANCE.

i)	Range of moisture measurement	0-40% mc	_____(Y/N)	
j)	Sample loading	<ul style="list-style-type: none"> <li>• manual with the use of a special dispenser</li> <li>• Sample volume:10 ml</li> </ul>	_____(Y/N)	
k)	Moisture measurement method	Resistance method	_____(Y/N)	
l)	Power supply	1 battery 6LF-22, 9 V	_____(Y/N)	
m)	Display	LCD, LED back lit, diagonal 2"	_____(Y/N)	
n)	Accuracy of temperature measurement	$\pm 0.5^{\circ}\text{C} / \pm 0.9^{\circ}\text{F}$	_____(Y/N)	
o)	Accuracy of moisture measurement	$\pm 0.5\%$ for standard grain,	_____(Y/N)	
p)	Charging Power	240v, 50 Hz	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Unit weight	500-1500 g	_____(Y/N)	

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

## 58. METAL SILO

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Metallic silo - 1.2mm thickness with a capacity of 25bags, with a Diameter 1503mm, Height 2200mm	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

**2. PERFORMANCE.**

d)	Storage Capacity (Output)	25 bags	____(Y/N)	
e)	Loading and off-loading	Provided with inlet and outlet chutes	____(Y/N)	
f)	Material	Aluminium	____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
e)	Length	1503 mm	____(Y/N)	
f)	Thickness	1.2-2 mm	____(Y/N)	
g)	Height	2200-2500 mm	____(Y/N)	
h)	Diameter	1200-1500 mm	____(Y/N)	

**4. ACCESSORIES**

**59. SWEET POTATO CHIPPER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a ) A standard electric machine potato chipper with an inlet hopper made of stainless steel. 8 mm Knife block safety interlock	Yes	____(Y/N)	
b ) Supplied new.	Yes	____(Y/N)	

**2 PERFORMANCE.**

	Production Capacity (Output)	200-500kg/hr	____(Y/N)	
	Dicing size	2-4cm	____(Y/N)	
	Material	Parts in contact with food made of Food grade stainless steel	____(Y/N)	
	Loading and off-loading	Provided with inlet and outlet hoppers	____(Y/N)	
	Bagging	Provision of Bag holders at bagging off height & belt guard	____(Y/N)	
	Power requirement	1-5 hp	____(Y/N)	
	Power	240v,50 Hz	____(Y/N)	

### 3 ACCESSORIES

a )	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b )	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N	
c )	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

### 4 WARRANTY

a )	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b )	Warranty, minimum.	12 months	.....months	

### 5 MANUALS

a )	All literature in English Language	Yes	_____(Y/N)	
b )	Repair manual/CD supplied	One per machine	_____(Y/N)	
c )	Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d )	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

### 6 OTHER REQUIREMENT

a )	The Chief Mechanical and Transport Engineer will inspect Machine prior to delivery to the user.	Yes	_____(Y/N)	
b )	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify		
c )	Names and locations of dealers/agents where back-up service can be obtained.	Specify		

## 60. IRISH POTATO PEELER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) A standard potato peeler with an inlet hopper made of stainless steel	Yes	____(Y/N)	
b) Supplied new.	Yes	____(Y/N)	

## 2. PERFORMANCE.

f)	Batch Capacity (Output)	10-15 kg	____(Y/N)	
g)	Material	Parts in contact with food made of Food grade stainless steel	____(Y/N)	
h)	Loading and off-loading	Provided with inlet and outlet hoppers	____(Y/N)	
i)	Power requirements	0.5-1.5 hp	____(Y/N)	
j)	Power	240v, 50 Hz	____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
	Weight	40-100 kg	____(Y/N)	

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

## 61. ELECTRICAL / GAS COOKER WITH 13KG GAS CYLINDER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
	-		

MODEL			
COUNTRY OF ORIGIN	-		
b) Standard Electric /Gas cooker with oven using 13kg gas cylinder, gloss enamel plated	Yes	____(Y/N)	
b) Supplied new.	Yes	____(Y/N)	

## 2. PERFORMANCE.

d)	Production Capacity (Output)	2 gas burners, 2 electric	____(Y/N)	
e)	Source of gas	Supplied with 13 kg gas cylinder	____(Y/N)	
f)	Power	240v, 50 Hz	____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
a)	Length	500-700 mm	____(Y/N)	
b)	Oven Working width	300-500 mm	____(Y/N)	
c)	Cooker Height	800-1000mm	____(Y/N)	

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

## 62. CUP SEALER

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
c) Standard food packaging equipment able to seal food	Yes	____(Y/N)	

in plastic, aluminium cup and bottle. Made of food grade stainless steel			
b) Supplied new.	Yes	_____ (Y/N)	

**2. PERFORMANCE.**

d)	Production Capacity (Output), minimum	200 cups/ hr	_____ (Y/N)	
e)	Power Consumption	100-400 watts	_____ (Y/N)	
f)	Power	240v, 50 Hz	_____ (Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
d)	Minimum Length	400 mm	_____ (Y/N)	
e)	Minimum Working width	300 mm	_____ (Y/N)	
f)	Minimum Height	500 mm	_____ (Y/N)	

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____ Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

**62. DEEP FREEZER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Deep freezer with temperature control system, temperature range of -50 to -86°C able to store food	Yes	_____ (Y/N)	
b) Supplied new.	Yes	_____ (Y/N)	

**2. PERFORMANCE.**

d)	Production Capacity (Output)	200-300 litres	_____ (Y/N)	
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e)	Power requirements	1-2 hp	_____(Y/N)	
f)	Power	240V, 50 Hz	_____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
c)	Minimum External dimensions (LxWxD)	500 x 600 x 800 mm	_____(Y/N)	
d)	Minimum Internal dimensions (LxWxD)	400 x 500 x 700 mm	_____(Y/N)	

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

**5. WARRANTY**

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b)	Warranty, minimum.	12 months	.....months	

**6. MANUALS**

a)	All literature in English Language	Yes	_____(Y/N)	
b)	Repair manual/CD supplied	One per machine	_____(Y/N)	
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

**7. OTHER REQUIREMENT**

a)	The Chief Mechanical and Transport Engineer will inspect Machine prior to delivery to the user.	Yes	_____(Y/N)	
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify		
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify		

## **64. DOUGH MIXER**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Standard dough mixer for demonstration purposes in food processing labs.	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

### **2. PERFORMANCE.**

d)	Production Capacity (Output)	40 litres	_____(Y/N)	
e)	Power requirements	3-5 hp	_____(Y/N)	
f)	Power	240V,50 Hz	_____(Y/N)	

### **3. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

## **65. MICROWAVE OIL EXTRACTOR**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a)	Yes	_____(Y/N)	

	Dimension: 7'' diameter 7'' height. Options: separator flask(1pcs), pipettes 1m1(10pcs), pipettes 3m1(10pcs), 0.5 drum vials (10pcs), ice core stand (6pcs), ice crew/ anchors with nub (60pcs) and 5'' white insulators (6pcs)			
b)	Supplied new.	Yes	____(Y/N)	

## 2. PERFORMANCE.

e)	Production Capacity (Output)	1-5 l/hr	____(Y/N)	
f)	Power requirements	10-15 hp	____(Y/N)	
g)	Speed	0-140 rpm	____(Y/N)	
h)	Power supply	240v/ 50hz	____(Y/N)	
<b>3.</b>	<b>DIMENSIONS</b>			
d)	Minimum Length	450 mm	____(Y/N)	
e)	Minimum Working width	550 mm	____(Y/N)	
f)	Minimum Height	750 mm	____(Y/N)	

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

## 5. WARRANTY

### **66. SCREW PUMP EXTRUDER FOR PASTA PRODUCTS**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a)	Complete with ITS stand frame. User: mix and mold flour in different shapes. Structure: scratch proof point. Bath and dough hook-stainless steel.	Yes	____(Y/N)

Propeller alloy brass. Tank capacity 1.5kg. Nozzle diameter 78mm			
b) Supplied new.	Yes	_____ (Y/N)	

## 2. PERFORMANCE.

g)	Production Capacity (Output)	15 – 20 kg/hr	_____ (Y/N)	
h)	Screw Length	350-600 mm	_____ (Y/N)	
i)	Screw Diameter	25-35 mm	_____ (Y/N)	
j)	Screw Speed	0-350 rpm	_____ (Y/N)	
k)	Power requirements	5-10 Hp	_____ (Y/N)	
l)	Power supply	240V/ 50Hz	_____ (Y/N)	

## 3. DIMENSIONS

e)	Minimum Length	1000 mm	_____ (Y/N)	
f)	Minimum Working width	400 mm	_____ (Y/N)	
g)	Minimum Height	1200 mm	_____ (Y/N)	
h)	Weight	150-500 kg	_____ (Y/N)	

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	_____ Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

## 5. WARRANT

## 67. MILK CREAM SEPARATOR

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
MAKE	-		
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Electric operated Milk cream separator	Yes	_____ (Y/N)	

b)	Supplied new.	Yes	____(Y/N)	
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## 2. PERFORMANCE.

g)	Production Capacity (Output)	100-150 ltr/hr	____(Y/N)	
h)	Power requirements	0.5-2hp	____(Y/N)	
i)	Tank size	25 litres	____(Y/N)	
j)	Number of discs	15-30	____(Y/N)	
k)	Machine Body Material	Stainless steel	____(Y/N)	
l)	Power supply	240v/ 50hz	____(Y/N)	

## 3. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Yes	____Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		

## 68. WALKING TRACTOR POTATO LIFTER

**TENDERER'S SPECIFICATION Column to be completed by ALL**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
MAKE	Specify	_____	
MODEL	Specify	_____	
COUNTRY OF ORIGIN	Specify	_____	
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	____(Y/N)	

### 1. GENERAL

a)	A potato lifter, for use with a motorised walking tractor.	Yes	____(Y/N)	
b)	Supplied new.	Yes	____(Y/N)	

### 2. POTATO LIFTER

a)	Matching walking tractors power	8-12 Hp	_____Hp	
	Row spacing	550--800mm		

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
b)			----- mm	
c)	Working depth	20mm.	----- No	
d)	Working width	1000 mm	----- mm	
e)	Overall dimension	1000×950×600 mm	----- mm	
g)	Net weight	Specify	----- Kg	

### 3. WARRANTY

a)	Specimen of warranty to be submitted when tendering	Yes	_____(Y/N)	
b)	Warranty, minimum.	12 months	-----	

### 4. MANUALS

a)	All literature in the English Language	Yes	_____(Y/N)	
b)	Repair manual, parts catalogue and operation handbook supplied	Yes	_____(Y/N)	

### 5. OTHER REQUIREMENT

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	_____(Y/N)	
b)	Names and addresses of dealers/agents where back-up service can be obtained indicating the location of the workshops facilities.	Specify	----- ----- ----- -----	

## **69. WALKING TRACTOR DRAWN ROUND HAY BALER**

### **TENDERER'S SPECIFICATION Column to be completed by ALL**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	Make	Specify-		
	Model	Specify--		
	Country of origin	Specify--		
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(MANDATORY)</b>	(Y/N)	

### 1. GENERAL

a)	Walking tractor drawn round hay baler with pick up fingers	Yes	_____ (Y/N)	
b)	Supplied new	Yes	_____ (Y/N)	

**2. CONSTRUCTION AND PERFORMANCE.**

a)	Power requirement	8-12 hp	_____ Hp	
b)	No. of finger rows	Specify-	- _____ No.	
c)	Production capacity, minimum.	20-40bales/hr	- _____ ha/hr	
d)	Max. Working width, minimum.	800 - 1500mm	- _____ mm	
e)	With rubber wheels	Yes	_____ (Y/N)	
f)	L*w*h	Specify	- _____ mm	
g)	Net weight approx.	Specify	- _____ Kg	
h)	Warranty cover, minimum.	12 months	- _____ months	

**3. OTHER REQUIREMENTS**

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	_____ (Y/N)	
b)	Supplier to deliver and carry out training on usage and maintenance.	Yes	_____ (Y/N)	
c)	Operator's instruction handbook supplied.	Yes	_____ (Y/N)	
d)	Indicate names and physical addresses where after sales service can be obtained.	Specify	_____ (Y/N)	

**70. WALKING TRACTOR MULTI-PURPOSE GRAIN PLANTER**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
MAKE	Specify	_____	
MODEL	Specify	_____	
COUNTRY OF ORIGIN	Specify	_____	
MANUFACTURER'S LITERATURE AND	Yes	_____ (Y/N)	

SPECIFICATIONS SUPPLIED			
-------------------------	--	--	--

### 1. GENERAL

a) A standard production, walking tractor grain planter attachment for seed placement in the soil. Able to plant Maize, beans, pulses, sunflower, etc and place fertiliser side way. Self-cleaning drive wheels	Yes	_____ (Y/N)	
b) Supplied new.	Yes	_____ (Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____ (Y/N)	

### 2. DIMENSIONS AND WEIGHTS

a) Dimensions L*W*H.	1150×800×620	-----mm	
b) Row spacing	300-1000	-----mm	
c) Planting distance	100-330	-----mm	
d) Cup pickup seeding mechanism with glass inspection cover	Yes	-----Y/N	
<b>3 ENGINE</b>			
a) Engine power requirement, minimum.	8-12hp	-----hp	

### 4. EQUIPMENT ETC

a) Manufacturer's standard tools supplied.	Yes	_____ Yes/No	
b) Any other equipment (or accessories) supplied.	Specify	-----	

### 5. PERFORMANCE

a) No. of rows min.	2No.	-----specify	
---------------------	------	--------------	--

### 6. MANUALS

a) All literature in the English language	Yes	_____ (Y/N)	
b) Repair Manual, supplied	Yes	_____ (Y/N)	
c) Parts catalogue supplied	Yes	_____ (Y/N)	
d) Operator's manual/handbook/service schedule supplied	Yes	_____ (Y/N)	

### 7. OTHER REQUIREMENTS

a) Equipment warranty minimum.	12 months	-----months	
--------------------------------	-----------	-------------	--

b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N	
--	-----	----------	--

## **71. WALKING TRACTOR RIDGER**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
MAKE	Specify	_____	
MODEL	Specify	_____	
COUNTRY OF ORIGIN	Specify	_____	
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)	

### **1. GENERAL**

a) A standard production, walking tractor attachment for ridging	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	

### **2. DIMENSIONS AND WEIGHTS**

a) Dimensions L*W*H.	800x300x700	-----mm	
b) No of rows	2	-----no	
c) Working depth	150-300	-----mm	
d) Ridge spacing	150-400	-----mm	
<b>3 ENGINE</b>			
a) Engine power requirement, minimum.	8-12hp	-----hp	

### **4. EQUIPMENT ETC**

a) Manufacturer's standard tools supplied.	Yes	_____ -----Yes/No	
b) Any other equipment (or accessories) supplied.	Specify	-----	
<b>5 PERFORMANCE</b>			
a) No. of rows	2 Row.		

		-----specify	
<b>6. MANUALS</b>			
a) All literature in the English language	Yes	_____(Y/N)	
b) Repair Manual, supplied	Yes	_____(Y/N)	
c) Parts catalogue supplied	Yes	_____(Y/N)	
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)	
<b>7. OTHER REQUIREMENTS</b>			
a) Equipment warranty minimum.	12 months	-----months	
b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N	

## **72. WALKING TRACTOR COB HARVESTER**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
MAKE	Specify	_____	
MODEL	Specify	_____	
COUNTRY OF ORIGIN	Specify	_____	
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)	

### **1. GENERAL**

a) A standard production, walking tractor with attachment for cob harvesting consisting of a corn row pick up head, cob head separator mechanism, cob storage and bagging mechanism. Preferably with stalk shredder mechanism. Run by a hand held 2 wheel tractor.	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
--	-----	------------	--

**2. DIMENSIONS AND WEIGHTS**

a) Dimensions L*W*H.	1200*500*1500mm	-----mm	
b) The width of harvest- 1 row	700-800mm	-----mm	
C) Height of harvest	400-2000mm	-----mm	
<b>3 ENGINE</b>			
a) Engine power requirement, minimum.	8-12hp	-----hp	

<b>4. EQUIPMENT ETC</b>			
a) Manufacturer's standard tools supplied.	Yes	-----Yes/No	
b) Any other equipment (or accessories) supplied.	Specify	-----	
<b>5 PERFORMANCE</b>			
a) No. of rows	1 Row.	-----mm	
<b>6. MANUALS</b>			
a) All literature in the English language	Yes	_____(Y/N)	
b) Repair Manual, supplied	Yes	_____(Y/N)	
c) Parts catalogue supplied	Yes	_____(Y/N)	
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)	
<b>7. OTHER REQUIREMENTS</b>			
a) Equipment warranty minimum.	12 months	-----months	
b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N	

**73. WALKING TRACTOR ROTAVATOR**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
---------------	-------------	------------	------------

MAKE	Specify	_____	
MODEL	Specify	_____	
COUNTRY OF ORIGIN	Specify	_____	
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)	

### 1. GENERAL

a) A standard production, walking tractor attachment for rotavating	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	

### 2. DIMENSIONS AND WEIGHTS

a) Dimensions L*W*H.	1040*1140*755	-----mm	
b) Tilling depth:	120	-----mm	
c) Working width	1000-1200	-----mm	
d) No of blades:	24-36	-----no	
<b>3 ENGINE</b>			
a) Engine power requirement, minimum.	8-12hp	-----hp	

### 4. EQUIPMENT ETC

a) Manufacturer's standard tools supplied.	Yes	_____ -----Yes/No	
b) Any other equipment (or accessories) supplied.	Specify	-----	

### 5. PERFORMANCE

a) No. of rows	1Row.	-----mm	
----------------	-------	---------	--

### 6. MANUALS

a) All literature in the English language	Yes	_____(Y/N)	
b) Repair Manual, supplied	Yes	_____(Y/N)	
c) Parts catalogue supplied	Yes	_____(Y/N)	
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)	

### 7. OTHER REQUIREMENTS

a) Equipment warranty minimum.	12 months	-----months	
b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N	

**74. WALKING TRACTOR POTATO PLANTER**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
MAKE	Specify	_____	
MODEL	Specify	_____	
COUNTRY OF ORIGIN	Specify	_____	
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)	

### 1. GENERAL

a) A standard production, walking tractor attachment for potato planting. With furrow opener mechanism, potato placement system and fertiliser placement unit; A furrow covering mechanism to form a ridge.	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	

### 2. DIMENSIONS AND WEIGHTS

a) Dimensions L*W*H.	600*700*800mm	-----mm	
b) Planting depth	80-150mm	specify	
c) Fertiliser depth	70-120mm		
d) Row Spacing:	120-150mm	-----mm	
e) Cup pick-up mechanism for seed potato with glass inspection cover	Yes	.....Y/N	

### 3 ENGINE

a) Engine power requirement, minimum.	8-12hp	-----hp	
---------------------------------------	--------	---------	--

### 4. EQUIPMENT ETC

a) Manufacturer's standard tools supplied.	Yes	_____ -----Yes/No	
b) Any other equipment (or accessories) supplied.	Specify	-----	

### 5 PERFORMANCE

a) No. of rows	1Row.		
----------------	-------	--	--

		-----mm	
b) Working depth	80-150mm	-----mm	
<b>6. MANUALS</b>			
a) All literature in the English language	Yes	_____(Y/N)	
b) Repair Manual, supplied	Yes	_____(Y/N)	
c) Parts catalogue supplied	Yes	_____(Y/N)	
d) Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)	
<b>7. OTHER REQUIREMENTS</b>			
a) Equipment warranty minimum.	12 months	-----months	
b) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N	

## **75. SELF-PROPELLED RICE COMBINE HARVESTER**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
MAKE	Specify	_____	
MODEL	Specify	_____	
COUNTRY OF ORIGIN	Specify	_____	
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)	

### **1. GENERAL**

a) A standard production, rice combine harvester, with crawler wheel, pick up reel, Thresher unit, grain handling facility and accessories	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
----	---	-----	------------	--

**2. DIMENSIONS AND WEIGHTS**

a)	Dimensions L*W*H.	4850*3200*2500	-----mm	
b)	Width of harvest	700-2000mm	-----mm	
b)	Minimum.Ground Clearance	310	-----mm	
c)	Cutting Width:	2180	-----mm	
d)	Feeding Capacity	4.5	-----kg/s	
<b>3 ENGINE</b>				
a)	Engine power requirement, minimum.	50-80	-----hp	
b)	Productivity	0.25 - 0.65	-----hm <sup>2</sup> /h	

**4. EQUIPMENT ETC**

a)	Manufacturer's standard tools supplied.	Yes	_____ -----Yes/No	
b)	Any other equipment (or accessories) supplied.	Specify	-----	

**5 PERFORMANCE**

a)	No. of rows	specify	-----No	
----	-------------	---------	---------	--

**6. MANUALS**

a)	All literature in the English language	Yes	_____(Y/N)	
b)	Repair Manual, supplied	Yes	_____(Y/N)	
c)	Parts catalogue supplied	Yes	_____(Y/N)	
d)	Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)	

**7. OTHER REQUIREMENTS**

a)	Must be registered by NTSA and conform to traffic ACT	Mandatory	.....Y/N	
b)	Equipment warranty minimum.	12 months	-----months	
c)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N	

**76. SELF-PROPELLED RICE HAND HELD WEEDER**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	MAKE	Specify	_____	

MODEL	Specify	_____	
COUNTRY OF ORIGIN	Specify	_____	
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)	

**1. GENERAL**

a)	A standard production, motorised Rice 2-row weeder	Yes	_____(Y/N)	
b)	Supplied new	Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	

**2. DIMENSIONS AND WEIGHTS**

a)	Dimension(L*W*H):	1550x400x200	-----mm	
b)	Tillage depth	10-20	-----mm	
c)	Tillage width	170-350	-----mm	

**3 ENGINE**

a)	Power rating	2-7 hp	-----hp	
d)	Fuel	specify	.....	

**4. EQUIPMENT ETC**

a)	Manufacturer's standard tools supplied.	Yes	-----Yes/No	
b)	Any other equipment (or accessories) supplied.	Specify	-----	

**5 PERFORMANCE**

a)	Speed of weeder	0.35~0.58 m/s	-----m/s	
----	-----------------	---------------	----------	--

**6. MANUALS**

a)	All literature in the English language	Yes	_____(Y/N)	
b)	Repair Manual, supplied	Yes	_____(Y/N)	
c)	Parts catalogue supplied	Yes	_____(Y/N)	
d)	Operator's manual/handbook/ser	Yes	_____(Y/N)	

	vice schedule supplied			
<b>7. OTHER REQUIREMENTS</b>				
a)	Equipment warranty minimum.	12 months	-----months	
b)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N	

## **77. TRACTOR DRAWN CORN COB HARVESTER**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	MAKE	Specify	_____	
	MODEL	Specify	_____	
	COUNTRY OF ORIGIN	Specify	_____	
	MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)	

### **1. GENERAL**

a)	A standard production, Tractor drawn corn cob harvester of latest design, in robust construction, made in conformity with the current agriculture conditions and regulations, in current production with a cob pickup head, corn walkers, corn storage and bagging system and stalk shredder	Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	
d)	Suitable for harvesting corn cob etc.	Yes	_____(Y/N)	
e)	Any other item necessary for the efficient operation of this equipment not included in this spec. to be supplied.	Yes	----- (Yes/No)	

### **2. DIMENSIONS AND WEIGHTS**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
a)	Dimensions L*W*H	5700 mm x 1850 mm x 2900 mm	-----mm	
b)	Weight excluding cutter bar, including straw chopper.	3300 kg	-----kg	

<b>4 BRAKES, TYRES AND SUSPENSIONS</b>				
a)	Brakes, hydraulic-pneumatic assisted	Yes	------(Y/N)	
b)	Mechanical parking brake to act on rear wheels	Yes	------(Y/N)	
c)	Tyre sizes.	Specify	-----	
d)	Tyres locally available	Yes	-----Yes/No	
<b>5 ELECTRICAL SYSTEM AND INSTRUMENTS</b>				
a)	System voltage, negative earth.	12V, Yes	-----	
b)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc.	Yes	-----Yes/No	
c)	Full lighting to conform to Cap403 Sec23-Kenya Traffic Act	Yes	-----Yes/No	
<b>6 EQUIPMENT ETC</b>				
a)	Hydraulic(telescopic) jack, wheel brace and  Manufacturer's standard tools supplied.	Yes, Yes, Yes	----- -----Yes/No	
b)	Any other equipment (or accessories) supplied.	Specify	-----	
<b>7 CORN HARVESTING HEAD</b>				
a)	2 row Cutting width,	3000 mm	-----mm	
b)	With multi-finger intake auger	Yes	-----Yes/No	
c)	With hydraulic reverser	Yes	-----Yes/No	
d)	Horizontal reel speed adjustment, electro-hydraulic	Specify	-----Yes/No	

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
<b>9</b>	<b>SECONDARY SEPARATION SYSTEM</b>			
a)	No. of straw walkers. minimum.	3 No.	-----No	
b)	No. of straw walker steps. minimum.	3 No	-----No	
c)	Cob collection using gunny bags option	YES	.....Y/N	
<b>10</b>	<b>MANUALS</b>			
a)	All literature in the English language	Yes	_____(Y/N)	
b)	Repair Manual, supplied.	Yes	_____(Y/N)	
c)	Parts catalogue supplied.	Yes	_____(Y/N)	
d)	Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)	
<b>11.</b>	<b>OTHER REQUIREMENTS</b>			
a)	Machine warranty minimum.	12 months	-----months	
b)	Trailed harvester to conform to Kenya traffic act Cap. 403 and have a certificate from the vehicle inspection unit	Yes	-----Y/N	
c)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	-----Y/N	
d)	Equipment to be registered with the registrar of motor Vehicles.	Yes	-----Y/N	
e)	Franchise holder (representative in Kenya) If not, specify relationship with franchise holder.	Yes  Specify whether agent or dealer	-----Y/N  -----Y/N	
f)	Availability of spares	Indicate motor Vehicle / Equipment dealers who stock spare parts.		
g)	Names and addresses of dealers/agents where backup service can be obtained indicating the location of the Workshops facilities.	Specify		

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE

## **78. SELF PROPELLED CORN HARVESTER**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
MAKE	specify	_____	
MODEL	specify	_____	
COUNTRY OF ORIGIN	specify	_____	
MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)	

### **1. GENERAL**

a) A standard production, self-propelled combine harvester Suitable for harvesting corn. It should consists of cutting heads, straw walkers, threshing drums, blowers, storage, straw flail chopper, all tractor engine self propelled.	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	
c) Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	

### **2. DIMENSIONS AND WEIGHTS**

a) Dimensions L*W*H.	8,000 mm X 3000 mm x 4,000 mm	-----mm	
b) Minimum. Ground Clearance	350 mm	-----mm	
c) Weight excluding cutter bar, including straw chopper.	5,500-7,000 kg	-----kg	

### **3 ENGINE**

a) Manufacturer.	specify	-----	
b) Make.	specify	-----	
c) Model.	specify	-----	

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
d)	Engine power output, minimum.	90 hp	-----hp	
e)	Fuel tank capacity. Minimum.	120 lts	-----lts	

#### 4 CLUTCH AND TRANSMISSION

a)	Clutch, dry type, single plate	Yes, Yes	----- (Yes/No)	
b)	Clutch, system actuation	Hydraulic	-----	
c)	Number of speeds,	minimum 4F, 1R	-----	
d)	Drive configuration.	4X2	-----X-----	
e)	Drive. -Mechanical/Hydraulic	Specify	----- (Y/N)	

#### 5 BRAKES, TYRES AND SUSPENSIONS

a)	Brakes, hydraulic-pneumatic assisted	Yes	----- (Y/N)	
b)	Mechanical parking brake to act on rear wheels	Yes	----- (Y/N)	
c)	Tyre sizes. Front	Specify	-----	
d)	Tyre sizes. Rear	Specify		
e)	Tyres locally available	Yes	----- Yes/No	

#### 6. ELECTRICAL SYSTEM AND INSTRUMENTS

a)	System voltage, negative earth.	12V, Yes	-----	
b)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc.	Yes	----- Yes/No	

#### 7. EQUIPMENT ETC

a)	Steering type	Assisted	----- Y/N	
b)	Rear view mirrors supplied minimum. 1no.	Yes	----- Yes/No	
c)	Hydraulic(telescopic) jack, wheel brace and  Manufacturer's standard tools supplied.	Yes, Yes, Yes	----- Yes/No	
d)	Any other equipment (or accessories) supplied.	Specify	-----	

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
<b>8 PERFORMANCE</b>				
a)	No. of rows	4No.	-----mm	
b)	Row spacing	450-750 mm	-----Yes/No	
c)	Grain tank capacity, minimum.	2.5 m3	-----Yes/No	
d)	No. Of straw walkers	4	-----Yes/No	
e)	Working Width	2000mm	-----mm	
f)	Max. production Efficiency, minimum.	0.5-2ha./h	-----mm	
g)	Type of Threshing drum	Rasp Bar	_____	
h)	Grain Loss Rate, max.	≤2%	-----%	
<b>9. MANUALS</b>				
a)	All literature in the English language	Yes	_____(Y/N)	
b)	Repair Manual, supplied.	Yes	_____(Y/N)	
c)	Parts catalogue supplied.	Yes	_____(Y/N)	
d)	Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)	
<b>10. OTHER REQUIREMENTS</b>				
a)	Machine warranty minimum.	12 months	-----months	
b)	Combine harvester to conform to Kenya traffic act Cap. 403 and have a certificate from the vehicle inspection unit	Yes	-----Y/N	
c)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	-----Y/N	
d)	Equipment to be registered with the National Transport and Safety Authority	Yes	-----Y/N	
e)	Franchise holder (representative in Kenya) If not, specify relationship with franchise holder.	Yes Specify whether agent or dealer	-----Y/N -----Y/N	
f)	Availability of spares	Indicate motor Vehicle / Equipment dealers		

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
		who stock spare parts.		
g)	Names and addresses of dealers/agents where backup service can be obtained indicating the location of the Workshops facilities.	Specify		

### **79. SELF PROPELLED POTATO HARVESTER**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	MAKE	Specify	_____	
	MODEL	Specify	_____	
	COUNTRY OF ORIGIN	Specify	_____	
	MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	_____(Y/N)	

#### **1. GENERAL**

a)	A standard production, self-propelled potato harvester, with Single row/bed lifter, soil separator, potato top remover, and potato storage.	Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical conditions.	Yes	_____(Y/N)	

#### **2. DIMENSIONS AND WEIGHTS**

a)	Dimensions L*W*H.	1390 mm X 350 mm x 400 mm	-----mm	
b)	Weight	15000 -25000kg	-----kg	

#### **3 ENGINE**

a)	Manufacturer.	Specify	-----	
----	---------------	---------	-------	--

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
b)	Make.	Specify	-----	
c)	Model.	Specify	-----	
d)	Engine power output, minimum.	90 hp	-----hp	
e)	Fuel tank capacity. minimum.	150 lts	-----lts	

#### 4 CLUTCH AND TRANSMISSION

a)	Clutch, dry type, single plate	Yes, Yes	------(Yes/No)	
b)	Clutch, system actuation	Hydraulic	-----	
c)	Number of speeds,	minimum 4F, 1R	-----	
d)	Drive configuration.	4X2	-----X-----	
e)	Drive. -Mechanical/Hydraulic	Specify	------(Y/N)	

#### 5 BRAKES, TYRES AND SUSPENSIONS

a)	Brakes, hydraulic-pneumatic assisted	Yes	------(Y/N)	
b)	Mechanical parking brake to act on rear wheels	Yes	------(Y/N)	
c)	Tyre sizes. Front	Specify	-----	
d)	Tyre sizes. Rear	Specify	-----	
e)	Tyres locally available	Yes	-----Yes/No	

#### 6. ELECTRICAL SYSTEM AND INSTRUMENTS

a)	System voltage, negative earth.	12V, Yes	-----	
b)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc.	Yes	-----Yes/No	

#### 7. EQUIPMENT ETC

a)	Steering type	Assisted	-----Y/N	
b)	Rear view mirrors supplied minimum. 1no.	Yes	-----Yes/No	
c)	Hydraulic(telescopic) jack, wheel brace and	Yes, Yes, Yes	-----Yes/No	

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	Manufacturer's standard tools supplied.			
d)	Any other equipment (or accessories) supplied.	Specify	-----	
<b>8. PERFORMANCE</b>				
a)	No. Of rows, minimum	3 Rows	-----mm	
b)	Row spacing	Specify	-----mm	
c)	Bulk tank capacity, minimum.	7500kg	-----Yes/No	
d)	Width of first web	1000- 2000 mm	-----Yes/No	
e)	Width of 2 <sup>nd</sup> and 3 <sup>rd</sup> web	1000-2200 mm	-----mm	
<b>9. MANUALS</b>				
a)	All literature in the English language	Yes	_____(Y/N)	
b)	Repair Manual, supplied.	Yes	_____(Y/N)	
c)	Parts catalogue supplied.	Yes	_____(Y/N)	
d)	Operator's manual/handbook/service schedule supplied	Yes	_____(Y/N)	
<b>10. OTHER REQUIREMENTS</b>				
a)	Machine warranty minimum.	12 months	-----months	
b)	Potato harvester to conform to Kenya traffic act Cap. 403 and have a certificate from the vehicle inspection unit	Yes	-----Y/N	
c)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	-----Y/N	
d)	Equipment to be registered with the registrar of motor Vehicles.	Yes	-----Y/N	
e)	Franchise holder (representative in Kenya) If not, specify relationship with franchise holder.	Yes Specify whether agent or dealer	-----Y/N -----Y/N	
f)	Availability of spares	Indicate motor Vehicle / Equipment dealers who stock spare		

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
		parts.		
g)	Names and addresses of dealers/agents where backup service can be obtained indicating the location of the Workshops facilities.	Specify		

**80. AUTOMATIC POTATO GRADER**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	Make	specify		
	Model	specify		
	Country of origin	specify		
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)	

### 1. GENERAL

a)	Automatic Irish potato grader with conveyor belt pick up for potatoes, Inspection rollers, Variable speed and adjustable rollers to grade different varieties of potato	Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	

### 2 PERFORMANCE.

a)	Production Capacity	3-5t/hr	.....t/hr	
b)	Hopper size	0.5m <sup>3</sup>	.....m <sup>3</sup>	
c)	Grader level	3-6	.....specify	
d)	Motor size	3-12hp	.....hp	
e)	Adjustable Plastic grading rollers with variable speed	Yes	..... Yes/No	
f)	Quality inspection rollers space provided	Yes	..... Yes/No	
g)	Potato Bagging device	Yes	..... Yes/No	

### 3. DIMENSIONS

a)	Length	2000-8000 mm	.....mm	
b)	Working width	1700-1800 mm	.....mm	
c)	Height	1000-1500 mm	.....mm	

### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	_____	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

**5. WARRANTY**

a) Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b) Warranty, minimum.	12 months	.....months	

**6. MANUALS**

a) All literature in English Language	Yes	_____(Y/N)	
b) Repair manual/CD supplied	One per machine	_____(Y/N)	
c) Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

**7. OTHER REQUIREMENT**

a) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----	

**81.3 TINE CHISEL PLOUGH**

	SPECIFICATION	REQUIRED	TENDERER'S	COMPLIANCE
	Make	specify		
	Model	specify		
	Country of origin	Specify		
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(MANDATORY)</b>	(Y/N)	

**1. GENERAL**

a)	A Standard production agricultural tractor operated chisel made in conformity with the current agriculture conditions, latest design, in current production. Able to break harpans 300-400mm deep.30Degree angle of penetration	Yes, Yes, Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical soils and conditions.	Yes, Yes	_____(Y/N)	

## 2. PERFORMANCE, DIMENSIONS, WEIGHTS.

a)	Matched power	Min 75-80 Hp	____ Hp	
b)	Type.	mounted	_____	
c)	No. of tines, minimum	3 No	____ No	
d)	Working depth, minimum.	420 mm	____ mm	
e)	Working width.	2,700-3000 mm	____ mm	
f)	Space between bottoms	400-550 mm	____ mm	
g)	Chisel share shank width, minimum.	4''	____ inch	
h)	Total weight.	200-500 kg	____ kg	

## 3. EQUIPMENT (ACCESSORIES) ETC

a)	To be mounted on tractor 3 point hitch	Yes	_____(Y/N)	
b)	Chisel to have depth wheel	Yes	_____(Y/N)	
c)	Manufacturers tools kit supplied	Yes	_____(Y/N)	
d)	Any other equipment that manufacturer deems necessary for optimum efficiency of the implements	Specify	_____	

## 4. WARRANTY

a)	Each implement to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b)	Implement warranty, minimum.	12 months	_____ months	
c)	Warranty against corrosion, minimum	Specify	_____ Years	

## 5. OTHER REQUIREMENT

a)		Yes	_____(Y/N)	
----	--	-----	------------	--

To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.			
b) Firm's Status: (Manufacturer/Franchise holder/Dealer/Agent), attach proof thereof	Specify, <b>Mandatory</b>	_____	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- ----- -----	
d) Availability of spares	Indicate dealers who stock spare parts	----- ----- ----- -----	

## 6. MANUALS

a) All literature in the English Language	Yes	_____(Y/N)	
b) Operators handbook and service schedule supplied	One per implement, Yes	_____(Y/N)	

## **82. CONSERVATION AGRICULTURE BOOM SPRAYER**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	Make	specify		
	Model	specify		
	Country of origin	specify		
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(MANDATORY)</b>	(Y/N)	

### 1. GENERAL

a)	A Standard production lateral boom sprayer made in conformity with the current agriculture conditions, latest design, in current production, marketed in Kenya.	Yes, Yes, Yes	_____(Y/N)	
b)	Supplied new.	Yes, Yes	_____(Y/N)	
c)	Designed to export specifications, capable of operating in tropical conditions. Designed to	Yes, Yes	_____(Y/N)	

meet medium and small field requirements.			
---	--	--	--

## 2. DIMENSIONS, WEIGHTS, PERFORMANCE.

a)	Matched power	75-80 Hp	_____Hp
b)	Type.	Tractor mounted	_____
c)	Tank capacity, approx.	800 lt	-----lt
d)	No. of nozzles, minimum	20 No.	-----No.
e)	Variety of Nozzles	Cone, Hollow Atomizing, Flat, Spiral, Fan etc types nozzles supplied with Spayer	.....Yes/No
f)	Boom length, minimum	18,000 mm	-----mm
g)	Boom height range	500 – 2000 mm	-----mm
h)	Pump delivery rate, minimum.	140 lts/minimum	----- lts/minimum.
i)	Fitted with pump, suitable pressure regulator and gauges.	Yes	_____(Y/N)
f)	Tubular section in stainless steel lateral boom to be foldable.	Yes mechanically / hydraulically driven	_____(Y/N) -----
g)	To have a rinse tank	Yes	_____(Y/N)
h)	To have a wash tank	Yes	_____(Y/N)
i)	Tank made of pesticide /agrochemicals resistant material.	Yes	_____(Y/N)
J)	Fitted with a suitable agitator.	Yes  Mechanical/hydraulic	-----Y/N -----
k)	To have Controlled Traffic GPS system/weed seeker device.	Yes	_____(Y/N)
l)	weight of equipment	1,200 kg	-----Kg

## 3. EQUIPMENT (ACCESSORIES) ETC

a)	Manufacturers complete tool kit supplied	Yes	_____(Y/N)
b)	Comprehensive list of standard and specialized tools to be supplied with the sprayer.	Specify	_____
d)	Any other item that manufacturer deems necessary for optimum efficiency of the implements	Specify	_____

## 4. WARRANTY

a)	Each sprayer to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b)	Sprayer warranty, minimum.	Specify	Years	

### 5. OTHER REQUIREMENT

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----	

### 6 MANUALS

a)	All literature in the English Language	Yes	_____(Y/N)	
b)	Repair manual supplied	One per machine <b>Mandatory</b>	_____(Y/N)	
c)	Parts catalogue supplied	One per machine <b>Mandatory</b>	_____(Y/N)	
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

### 83. RICE MILL

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	specify		
Model	specify		
Country of origin	specify		
Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(MANDATORY)</b>	(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Complete Rice Mill	Compact Rice Mill assembly for production of high quality rice	_____(Y/N)	
Unit	Compact Rice Mill + Spare parts	_____(Y/N)	
1.1	Condition of the mill: Brand New	_____(Y/N)	
1.2	Type - Combined Rice Mill comprising of the following units:	_____(Y/N)	
	<ul style="list-style-type: none"> <li>• Single elevator</li> <li>• Combined paddy cleaner and De-stoner</li> <li>• Aspirator stoner</li> <li>• Husker and husker fan</li> <li>• Double elevator</li> <li>• Gravity paddy Separator</li> </ul> <ul style="list-style-type: none"> <li>• High power suction type emery roller rice mill (Rice Whitener)</li> <li>• Single elevator</li> <li>• Rice Grader</li> <li>• Packaging Machine</li> </ul>	..... specify	
1.3	Capacity of the combined Rice Mill: 1000 – 1200kg/hr of raw materials	.....specify	
	Final product: White rice	Yes	
1.4	The mill must be made of strong and durable materials	Yes	
1.5	Low noise level and limited dust production	Yes	
1.6	Approximate overall dimensions (L x W x H): Approx. 2700 x 2000 x 3500mm	..... specify	
1.7	Overall weight of the complete mill: Approx. 1600kg (1.6 T)	.....specify	
1.8	Rice milling rate: Approx. 70% or more	.....specify	
1.9	Broken rice: 2% or less rice with most of the rice being naturally complete	.....specify	
1.10	The mill should be suitable for Three-phase electricity supply i.e. 415 V,50Hz.	.....specify	
1.10	Total power of the Rice mill: 29.5-32 kW	_____(Y/N)	
<b>2.0</b>	<b>Technical Specifications: Single Conveyor</b>		
2.1	Single elevator feeding paddy into the paddy cleaner	..... specify	
2.2	Shares the same motor with the paddy cleaner (see 3.1)	..... ..specify	
2.3	Approx. height of the elevating conveyor: 3.4m	..... ..specify	
3.0	Technical Specifications: Combined Paddy Cleaner and De-Stoner	_____(Y/N)	
3.1	Combined Paddy Cleaner and De-stone driven by a 1.1 kW motor	..... ..specify	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
3.2	Speed of the rotation of the motor in RPM: 1380	..... ..specify	
3.3	The motor should also be used to run the single conveyor	_____(Y/N)	
<b>4.0</b>	<b>Technical Specifications: Aspiration stoner</b>		
4.1	Aspiration stoner powered by a 2.2 kW motor	..... specify	
4.2	Speed of the motor should be: 2800 RPM	_____(Y/N)	
4.3	Comprises of a pre-cleaner and de-stoner	_____(Y/N)	
4.4	The complete rice mill assembly shall be capable of removing sand, metal particles together with dust mixed in the rice.	_____(Y/N)	
4.5	Compact with steady performance and high efficiency.	_____(Y/N)	
4.6	Well sealed to avoid dust escape and to facilitate low noise.	_____(Y/N)	
4.7	High cleaning efficiency and low power consumption	_____(Y/N)	
<b>5.0</b>	<b>Technical Specifications: The Husker</b>		
5.1	The husker size should be 8" i.e. 203.2 mm	..... ..specify	
5.2	Driven by a 5.5 kW motor	_____(Y/N)	
5.3	Speed of the motor: 1440 RPM	..... ..specify	
5.4	The same motor should be used to drive the Husker fan	_____(Y/N)	
6.0	Technical Specifications: Double Conveyor	_____(Y/N)	
6.1	The double elevating conveyor is driven by a 1.1 kW motor	..... ..specify	
6.2	The motor has a speed of approx. 910 RPM	..... ..specify	
6.3	Height of the elevating conveyor: Approx. 3.4m	..... ..specify	
<b>7.0</b>	<b>Technical Specification: The Paddy Separator</b>		
7.1	Run by a motor of 0.75 kW	..... ..specify	
7.2	Speed of the motor should be approx. 1380 RPM	..... ..specify	
<b>8.0</b>	<b>Technical Specification High –power suction type Emery – Roller Mill (Whitener)</b>		
8.1	The Emery Roller is driven by a Three Phase 18.5 kW motor		
8.2	The speed of the motor for the roller mill should be approx. 1460 RPM	..... ..specify	
8.3	Supplied with an Emery-Roller rice mill fan	_____(Y/N)	
8.4	The same motor should be used to run the Emery –roller Rice Mill fan	_____(Y/N)	
8.5	Compact and an integrated part of the mill	_____(Y/N)	
8.6	Suitable with both long and short grains	_____(Y/N)	
8.7	Capable of effectively removing the silver skin and the bran layer from dehulled rice	_____(Y/N)	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
<b>9.0</b>	<b>Technical Specifications: Single Elevator</b>		
9.1	Single elevating conveyor feeding rice into the grader	_____(Y/N)	
9.2	Operated with a 0.75kW motor	..... ..specify	
9.3	Approx. height of the elevating conveyor: 3.4m	..... ..specify	
<b>10.0</b>	<b>Technical Specifications: The Grader</b>		
10.1	MJP63x3 model or similar operated by a 0.75 – 1 kW motor	..... ..specify	
10.2	Having a set of perforated screens with reciprocating movements.	_____(Y/N)	
10.3	Capable of separating rice into at least 3 groups i.e. special rice, common rice, broken & small broken.	_____(Y/N)	
10.4	Compact structure with a steady performance, reliable and high grading efficiency.	_____(Y/N)	
10.5	Easy and convenient to operate and clean	_____(Y/N)	
10.6	Dimensions: Approx. 1425 x 740 x 1275 mm	..... ..specify	
10.7	Overall weight: 255 kg	..... ..specify	
	Broken rice in special rice (%): <3	..... ..specify	
<b>11.0</b>	<b>Technical Specifications; Control Panel</b>		
11.1	Enclosed dust proof cabinet with push button starter gear for different motors.	Yes	
11.2	Clearly labelled on/off switches.	Yes	
11.3	Provided with individual fuses for overload control, main insulator and outgoing terminals.	Yes	
11.4	Provided with an appropriate and high quality copper wire cable (Amad cable or similar) of at least 20m long	Yes	
11.5	The cost of the cable wire (Amad cable or similar) must be clearly shown and included in the total DAT price.	Yes	
<b>12.0</b>	<b>Technical Specifications: Packaging Machine</b>		
12.1	DCS model with a weighing scale applicable for automatic weighing and packing of rice	Yes	
12.2	Weighing range/interval of 5, 10, 25, and 50kg.	..... ..specify	
12.3	Throughput: The capacity of the weighing machine shall be >300 packs/hour.	..... ..specify	
12.4	Operated by a 1.1kW motor	..... ..specify	
12.5	Dimensions: Approx. 2600 x 700 x 700 mm	..... ..specify	
13.0	Pipings and accessories	Yes	
13.1	The machine must be supplied with all necessary pipings to facilitate smooth flow of grains and removal of bran	Yes	

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
<b>13.2</b>	<b>Accessories</b>		
13.3	Manufacturer's standard tool kit supplied.	_____(Y/N)	
13.4	Comprehensive list of standard and specialized tools to be supplied with the machine.	_____(Y/N)	
13.5	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	..... ..specify	
<b>13.6</b>	<b>Warranty</b>		
13.7	Each machine to carry manufacturers statement of warranty	_____(Y/N)	
13.8	Warranty, minimum.	.....months	
<b>13.9</b>	<b>Manuals</b>		
14.0	All literature in English Language	_____(Y/N)	
14.1	Repair manual/CD supplied	_____(Y/N)	
14.2	Parts catalogue/CD supplied	_____(Y/N)	
14.3	Operators handbook and service schedule Supplied	_____(Y/N)	
<b>14.4</b>	<b>Other Requirement</b>		
14.5	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.		
14.6	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	..... ..specify	
14.7	Names and locations of dealers/agents where back-up service can be obtained.	----- ----- ----- -----	

**84. SHAPER MACHINE-METAL**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	Make	specify		
	Model	specify		
	Country of origin	Specify	(Y/N)	
	Manufacturer's literature and specifications supplied along with this tender.	Yes (Mandatory)	(Y/N)	

1. GENERAL

a)	Electric Shaper machine-metal. Automatic work table		_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	

## 2. PERFORMANCE.

a)	Production Capacity	Specify	.....L/hr	
b)	Motor size(three-phase)	7-9kw	.....kw	
<b>3.</b>	<b>DIMENSIONS</b>			
i)	Max ram stroke	700 mm	..... mm	
j)	Max tool overhang	84mm	..... mm	
k)	Max distance between table surface & ramp	400mm	..... mm	
l)	Dimension of table working surface	700x450mm	..... mm	
m)	Max horizontal travel of table	700mm	..... mm	
n)	Max vertical travel of table	320mm	..... mm	
o)	Horizontal feed	0.25mm	..... mm	
p)	Overall dimensions:	2,780x1750x1780mm	..... mm	

## 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	<ul style="list-style-type: none"> <li>• Stainless steel gear pump</li> <li>• Stainless steel passer tank 100lt capacity</li> </ul>	 _____Y/N -----Y/N	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

## 5. WARRANTY

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b)	Warranty, minimum.	12 months	.....months	

## 6. MANUALS

a)	All literature in English Language	Yes	_____(Y/N)	
b)	Repair manual/CD supplied	One per machine	_____(Y/N)	
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d)	Operators handbook and service schedule	One per machine	_____(Y/N)	

Supplied			
----------	--	--	--

**7. OTHER REQUIREMENT**

a) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----	

**85. VERTICAL MILLING MACHINE WITH DIVIDING HEAD**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	Make	Specify		
	Model	Specify		
	Country of origin	Specify	_____Y/N	
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)	

**1. GENERAL**

a)	Vertical Milling Machine with Diving Head	Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	

**2. PERFORMANCE.**

a)	Production Capacity	Specify	.....ltrs	
b)	Power consumption	2-5Hp	.....Hp	
<b>3.</b>	<b>DIMENSIONS</b>			
<b>a</b>	Face of body	9'' (230 mm)	.....mm	
<b>b</b>	Working surface	9''X 40''(230x1015mm)	..... mm	
<b>c</b>	Number of tool post	1or 2	..... no.	
<b>d</b>	Size of T-slots	½'' - 5/8''	.....inch	
<b>e</b>	Standard arbour	1''	..... inch	
<b>f</b>	Number of spindle speeds	80-5440 min.9steps	..... no.	
<b>g</b>	Table tilt angles 4dimensions	45 <sup>0</sup>	-----Y/N	
<b>h</b>	Ram Travel-Min	380mm	----- specify	

<b>i</b>	Table load	300kg	----- Specify	
----------	------------	-------	------------------	--

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify	_____	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

**5. WARRANTY**

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b)	Warranty, minimum.	12 months	.....months	

**6. MANUALS**

a)	All literature in English Language	Yes	_____(Y/N)	
b)	Repair manual/CD supplied	One per machine	_____(Y/N)	
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

**7. OTHER REQUIREMENT**

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----	

**86. PLATE ROLLING MACHINE (MANUAL)**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	Make	specify		
	Model	specify		
	Country of origin	Specify		
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)	

### 1. GENERAL

a)	Plate Rolling Machine (Manual) with a hardened gear for durability, comfortable eccentric clamp system and three SS bending roll	Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	

### 2. PERFORMANCE.

a)	Production Capacity	30m/hr min.	.....L/hr	
b)	Motor size(3-PHASE)	3-8hp min.	.....hp	
<b>3. DIMENSIONS</b>				
a)	Maximum thickness	3mm	.....mm	
b)	Maximum width	4ft	.....mm	
c)	Diameter of roll	10cm	.....mm	
c)	Packing dimension	150x60x69mm	.....mm	
d)	Net weight	120kg	.....kg	

### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Stainless Steel platform	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

### 5. WARRANT

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b)	Warranty, minimum.	12 months	.....months	

### 6. MANUALS

a)	All literature in English Language	Yes	_____(Y/N)	
----	------------------------------------	-----	------------	--

b) Repair manual/CD supplied	One per machine	_____(Y/N)	
c) Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

**7. OTHER REQUIREMENT**

a) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----	

**87. HYDRAULIC PRESS**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify	_____Y/N	
Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)	

**1. GENERAL**

a) Hydraulic Press with double pump for fast approach, foot and hand control, high pressure gauge, piston with automatic return and supplied with a pair of V-blocks & a set of pushers	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

**2. PERFORMANCE.**

a) Capacity	30ton	.....(Y/N)	
<b>3. DIMENSIONS</b>			
a) Piston travel	185mm	.....mm	

#### 4. ACCESSORIES

a) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the machine.	<ul style="list-style-type: none"> <li>• Settling tank (60 litres capacity)</li> <li>• Complete with filter kit</li> </ul>	 _____(Y/N)  _____(Y/N)	
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

#### 5. WARRANTY

a) Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b) Warranty, minimum.	12 months	.....months	

#### 6. MANUALS

a) All literature in English Language	Yes	_____(Y/N)	
b) Repair manual/CD supplied	One per machine	_____(Y/N)	
c) Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

#### 7. OTHER REQUIREMENT

a) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----	

**88. BEARING EXTRACTOR/ PULLER**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)	

**1. GENERAL**

a) Bearing Extractor/ Puller with hardened steel body	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

**2. PERFORMANCE.**

a) Production Capacity	30 extracts/hr	.....units/hr	
b) Motor size(3-PHASE)	2-5hp	.....hp	
<b>3. DIMENSIONS</b>	<b>50-400mm dia</b>	<b>-----specify sizes</b>	
a) Maximum diameter	150mm	.....mm	

**4. ACCESSORIES**

a) Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b) Comprehensive list of standard and specialized tools to be supplied with the machine.	Stainless Steel platform	_____(Y/N)	
c) Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

**5. WARRANTY**

a) Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b) Warranty, minimum.	12 months	.....months	

**6. MANUAL**

a) All literature in English Language	Yes	_____(Y/N)	
---------------------------------------	-----	------------	--

b) Repair manual/CD supplied	One per machine	_____(Y/N)	
c) Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

**7. OTHER REQUIREMENT**

a) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----	

**89. PAN AND BOX BRAKES**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	Make	specify		
	Model	specify		
	Country of origin	Specify		
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)	

**1. GENERAL**

a) Pan and Box Brakes	Yes	_____(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

**2. PERFORMANCE.**

a)	Production Capacity	4 /hr	...../hr	
b)	size	1-24 gauge	.....gauge specify	
<b>3. DIMENSIONS</b>				
a)	Bending width	1220mm	.....mm	
b)	Bending thickness	3mm	.....mm	

c)	Bending angle	0-135 <sup>0</sup>	.....mm	
c)	Packing dimension	1710x750x940mm	.....mm	
d)	Net weight	510kg	.....kg	

**4. ACCESSORIES**

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Stainless Steel platform	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

**5. WARRANTY**

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b)	Warranty, minimum.	12 months	.....months	

**6. MANUALS**

a)	All literature in English Language	Yes	_____(Y/N)	
b)	Repair manual/CD supplied	One per machine	_____(Y/N)	
c)	Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d)	Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

**7. OTHER REQUIREMENT**

a)	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
b)	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c)	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- -----	

**90. CIRCULAR METAL CUTTING MACHINE**

	SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
	Make	specify		
	Model	specify		
	Country of origin	Specify		
	Manufacturer's literature and specifications supplied along with this tender.	Yes <b>(Mandatory)</b>	(Y/N)	

### 1. GENERAL

a)	Circular Metal Cutting Machine with a 1300 number load rpm	Yes	_____(Y/N)	
b)	Supplied new.	Yes	_____(Y/N)	

### 2. PERFORMANCE.

a)	Production Capacity	30 units/hr	.....L/hr Specify	
b)	Motor size(3-PHASE)	4Hp	.....hp	
b)	Power consumption	220v	.....hp	
<b>3. DIMENSIONS</b>				
a)	Blade diameter	14"	.....mm	
b)	Arbour size	1"	.....mm	

### 4. ACCESSORIES

a)	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b)	Comprehensive list of standard and specialized tools to be supplied with the machine.	Stainless Steel platform	_____(Y/N)	
c)	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify	_____	

### 5. WARRANTY

a)	Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
b)	Warranty, minimum.	12 months	.....months	

### 6. MANUAL

a)	All literature in English Language	Yes	_____(Y/N)	
b)	Repair manual/CD supplied	One per machine	_____(Y/N)	

c) Parts catalogue/CD supplied	One per machine	_____(Y/N)	
d) Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

**7. OTHER REQUIREMENT**

a) To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
b) Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
c) Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- -	

**91. Grain Cleaner**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacturer's literature and specifications of the Grain Cleaner	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Multigrain cleaner composed of aspirator, and magnetic cleaner; removes large and small impurities from grains/cereals/legumes; multideck with variable sieves; number of screens 3; capacity; 2 ton/hr; Blower type: centrifugal; Aspiration volume 4500m <sup>3</sup> /h; food grade construction with dust collectors; easy to assemble and disassemble	capacity; 1-2 ton/hr	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	

Warranty, minimum.	12 months	.....months	
MANUAL			
All literature in English Language	Yes	(Y/N)	
Repair manual/CD supplied	One per machine	(Y/N)	
Parts catalogue/CD supplied	One per machine	(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
OTHER REQUIREMENT			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----	

**92. Maize De- germinator/Huller**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacturer's literature and specifications	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Dry de-germinator; Capacity 2tonne/hr.; food grade construction; High recovery rate of grits with fat content less than 1.5% and hull less than 1%; De-germinator efficiency of 85%; ease of maintenance; ease of discharge of degermed maize	Capacity 1-2tonne/hr	.....Specify	

WARRANTY			
Each machine to carry manufacturers statement of warranty	Yes	(Y/N)	
Warranty, minimum.	12 months	.....months	
MANUAL			
All literature in English Language	Yes	(Y/N)	
Repair manual/CD supplied	One per machine	(Y/N)	
Parts catalogue/CD supplied	One per machine	(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
OTHER REQUIREMENT			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----	

93. **Destoner**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	

Multi-grain destoner; Capacity: 2tonne/hour; food grade construction; air volume 3000m <sup>3</sup> /hr; aspiration / air suction to remove light impurities ; adjustable sieve inclination, Low noise, low energy consumption, easy of maintenance; no dust leakage; adjustable air volume; easy to assemble and disassemble	Capacity: 1-2tonne/hour	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	(Y/N)	
Repair manual/CD supplied	One per machine	(Y/N)	
Parts catalogue/CD supplied	One per machine	(Y/N)	
Operators handbook and service schedule Supplied	One per machine	(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify		
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify- -----	

**94. MULTIGRAIN IMPACT MILL**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		

Manufacture's literature and specifications	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Multigrain impact mill; Capacity 2 tonne/hr; food grade construction; interchangeable screen/sieves for coarse and fine powder/flour milling; flour/powder particle size: Mesh size 1.2mm, 1.0mm, 0.5mm, 0.125mm; Fitted with magnet bar at raw material hopper inlet into grinding chamber; low noise and dust; suitable outlet for collection of milled product	Capacity 1-2 tonne/hr;	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____ (Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____ (Y/N)	
Repair manual/CD supplied	One per machine	_____ (Y/N)	
Parts catalogue/CD supplied	One per machine	_____ (Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____ (Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify		
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- -	

95. **Ribbon mixer**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		

Country of origin	Specify		
Manufacture's literature and specifications of the Ribbon mixer	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
300L full stainless steel construction ss304/316; power 3phae with control panel; speed 15 rpm; main shaft 70mm; with material discharge point 45 cm above the ground, stainless steel frame with caster wheels with locks	250-300L full stainless steel	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- specify----- -	

**96. Powder filler**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications of the Powder filler	Yes		

<b>Specifications</b>	Yes	.....(Y/N)	
Auger filler; Stainless steel construction ss 304; capacity 50-5000g compatible with 200L hopper; 5 sets auger screw (50-100, 100-500, 500-1000, 1000-2000, 2000-5000g) power 380V/50HZ, 0.9 kw Capacity 2 tones/hr	capacity 50-5000g	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

**97. Food Extruder**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications of the Food extruder	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	

Top feeder; 125hp drive; remote control panel with digital readout; variable speed feeder motor, Screw diameter: 28 – 30mm, Process length ratio: 40 L/D maximum Screw speed: variable up 1200 rpm, Control panel: microprocessor based control system, motor ON and OFF; PID temperature controller for barrel heating and cooling; screw rpm indicator Inputs – Pastes, nuts, whole grains, flours etc, Outputs- extrusion of granola, instant flours e.g. soy, maize and expanded products	variable speed feeder motor, Screw diameter: 28 – 30mm	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- specify----- --	

**98. Grater**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		

Manufacture's literature and specifications of the Grater	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Stainless steel construction ss304, capacity 0.5-1ton/hour, 3-phase motor, on a stand and with product exit having clearance of 50 cm from the ground	capacity 0.5-1ton/hour	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---	

**99. Vacuum Sealer**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications of the Vacuum sealer	Yes		

<b>Specifications</b>	Yes	.....(Y/N)	
Capacity 20-50 bags/min;power kw/ 220V/50HZ 4	Capacity 20-50 bags/min	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---	

**100. Paste Filler**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications of the Paste filler	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	

Stainless steel construction ss 304/316; Double nozzle; Capacity 100 containers per minute; Filling range 100-1000ml; Working pressure 0.4-0.5 MPa, pneumatic	Capacity 100-120 containers per minute;	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---	

**101. Complete Honey Processing Unit**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications of the Complete honey processing unit	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	

100 kg/hr with warmer and filter; power 16KW, full stainless steel ss 304/316 with vacuum concentrator; dimensions 1600x600x1600mm 10-5000ml filler with capacity of 10-50 bottles per minute; air pressure 0.4- 0.6MPa Settling tank SS Provide separate honey refining and packaging	10-5000ml filler with capacity of 10-50 bottles per minute	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---	

**102. Reverse Osmosis Water Filtration System**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		

Manufacture's literature and specifications of Reverse osmosis water filtration system	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Capacity 2000L/Hr; Feed capacity 3.3.m3/hr with output of 3m3/hr, 8 membranes, feed3.3m3/hr, multistage filters 2-1-1, high pressure pumb 5.5kw able to handle water with TDS level of upto 2000ppm for low brackish water and upto 5000 ppm for the medium brakish (LXWXH) 2700X860X1375MM	Capacity 1800-2000L/Hr	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---	

**103. Bowl Chopper**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		

Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications of bowl chopper	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Capacity 20L, steel Stainless Power construction ss304/316; 220V/50HZ, 1.5kw Two speed knife shaft Two speed bowl 3 blade set up Table top Model	Capacity 20-30L	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- ---specify----- -----	

**104. Meat mincer**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications of meat mincer	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Capacity 120kg/hr.; Stainless steel construction ss304/316; power220V/50HZ, 735W	Capacity 100-120kg/hr	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---	

**105. Sausage Stuffing Machine**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
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		OFFER	
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacturer's literature and specifications of sausage stuffing machine	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Upright stainless steel canister with a 10kg capacity Coated stainless steel housing with rubber feet for added stability Heavy duty, dual speed, steel gears for rapid loading and pressing Canister tilts out for quick loading Pressure release valve controls flow of meat for perfect sausages Disassembles for easy clean up  Includes a set of 4 stainless steel funnels: 13 mm for snack stick, 20 mm for pepperoni & bratwurst, 30 mm for summer sausage and 40 mm for luncheon meats	Upright stainless steel canister with a 8-10kg capacity	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----	

		specify----- ---	
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106. **Containerized Food Drier**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications of containerized food drier	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
<b>Description of the food drier:</b> The drying chamber is made of out of 20ft standard shipping container modified, and with 50 mm PUF insulation. Inner wall of casing is made of SS 304 and outer wall with M.S. painted finish <b>Size of inner chamber :</b> 6000 L x 2400 W x 2400 H			

<p><b>Trays and trolleys :</b> Perforated SS 304 sheets or SS wire mesh – size 600 x 900 x 25 Quantity - 300 Nos (25 Nos in each trolley with 12 trolleys.)</p> <p><b>Heating:</b> Hot water from solar calorifier tank is circulated inside the chamber into two heat exchangers made of SS 304 finned tubes. The water from the calorifier tank will also be heated by electricity as a backup arrangement using 240V Single Phase / 440 V Three Phase. Solar collectors (600 Vacuum tubes of 47 x 1400 mm arranged in 12 collectors).</p> <p><b>Power back-up:</b> 6 electric coils (3KW) connected to the</p> <p><b>Air Circulation:</b> Four Axial flow fans of 6000 cfm/hr capacity provides the air circulation inside the chamber. The fans are reversible in direction and are made of fiberglass cast Aluminum impellers driven by 2 HP, class H insulated Three Phase motors.</p> <p><b>Inlet and Outlet air dampers:</b> Motorized dampers actuated manually or automatically by sensing the humidity inside the chamber. <b>Humidity and Temperature sensors:</b> Installed inside the chamber and connected to automatic climate controller to actuate the fans, dampers and hot water pumps.</p> <p><b>Inlet air quality:</b> The inlet air will be de-humidified by regenerative type dehumidifiers to supply dry air into the chamber. This will enhance the efficiency of the drier in humid conditions Operating maximum temperature in chamber 90°C.</p>	<p align="center"><b>Size of inner chamber :</b> 6000 L x 2400 W x 2400 H</p>	<p align="center">.....Specify</p>	
<p>WARRANTY</p>			
<p>Each machine to carry manufacturers statement of warranty</p>	<p align="center">Yes</p>	<p align="center">_____(Y/N)</p>	
<p>Warranty, minimum.</p>	<p align="center">12 months</p>	<p align="center">.....months</p>	
<p>MANUAL</p>			
<p>All literature in English Language</p>	<p align="center">Yes</p>	<p align="center">_____(Y/N)</p>	
<p>Repair manual/CD supplied</p>	<p align="center">One per machine</p>	<p align="center">_____(Y/N)</p>	
<p>Parts catalogue/CD supplied</p>	<p align="center">One per machine</p>	<p align="center">_____(Y/N)</p>	
<p>Operators handbook and service schedule Supplied</p>	<p align="center">One per machine</p>	<p align="center">_____(Y/N)</p>	

OTHER REQUIREMENT			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---	

### 107. Citrus Extractor

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications of citrus Extractor	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	

<p><b>Description:</b> The citrus juice extractor should be supplied as a stand-alone plug and play machine capable of extracting juices from oranges, lemons, lemons, tangerines and pomegranate After being washed , sanitized and sorted, the fruit is fed to the extraction heads, producing high/medium/low pulp. The extracted waste products, such as rinds, pulp and seeds, are sent directly to the waste containers. The following are the technical specifications of the equipment. Motor 3-phase 2.5 HP Power 380 V 50-60 Hz Production, litres/hr 400 – 500 Diameter of squeezing kit cavities For small fruit-55 to 70 mm Medium fruits -70 to 85 mm Large fruits 85 to 100 mm</p> <p>Waste exit chute Made of mild steel- 1.5M. Purpose is to channel process waste to the waste bin outside the building</p> <p>Hopper Made from food grade SS Fruit diameter Variable Safety Sensor system</p>	<p>Production, litres/hr 400 – 500</p>	<p>.....Specify</p>	
<p><b>WARRANTY</b></p>			
<p>Each machine to carry manufacturers statement of warranty</p>	<p>Yes</p>	<p>_____(Y/N)</p>	
<p>Warranty, minimum.</p>	<p>12 months</p>	<p>.....months</p>	
<p><b>MANUAL</b></p>			
<p>All literature in English Language</p>	<p>Yes</p>	<p>_____(Y/N)</p>	
<p>Repair manual/CD supplied</p>	<p>One per machine</p>	<p>_____(Y/N)</p>	
<p>Parts catalogue/CD supplied</p>	<p>One per machine</p>	<p>_____(Y/N)</p>	
<p>Operators handbook and service schedule Supplied</p>	<p>One per machine</p>	<p>_____(Y/N)</p>	
<p><b>OTHER REQUIREMENT</b></p>			
<p>To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.</p>	<p>Yes</p>	<p>_____(Y/N)</p>	
<p>Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof</p>	<p>Specify</p>	<p>_____</p>	
<p></p>	<p>Specify</p>		

Names and locations of dealers/agents where back-up service can be obtained.		----- ----- ----- ---specify----- -----	
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**108. Stainless Steel Tables**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications	No		
<b>Specifications</b>	Yes	.....(Y/N)	
(SS-3x1.5x0.8M (MIM 316L (austenitic grade). Dim=3m×0.8m×0.8m. With slope to allow drainage With proper reinforcement to prevent buckling during use-	Dim=3m×0.8m×0.8m	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----	

		specify----- --	
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**109. Electric high pressure water jet cleaner**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications electric high pressure water jet cleaner	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
<b>Pump Specifications-</b> Working Pressure 30-350 bar / 435-5075 PSI Flow Rate (60Hz) 17lpm / 4.49GPM <b>Motor Specifications:</b> Electric Motor 11 kW / 14.75HP <b>Power Supply</b> 3 phase 400V 50Hz Standard Equipment: Electric Cable –5m length High Pressure Hose -10 meter Gun: Trigger operated gunc/w lance Nozzle: fanjet sapphire orifice *Pressure regulator Low voltage and delayed total stop Glycerin pressure gauge Steel frame and cover Solid wheels Stainless steel suction & delivery valves	Working Pressure 30-350 bar / 435-5075 PSI	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	

Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

**110. Nut Butter Vacuum Emulsifying Homogenizer**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for nut butter vacuum emulsifying homogenizer	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Machine consists of vacuum-resistant vessel with jacket for heating and cooling. Equipped with high speed homogenizer, scraping agitator, vacuum pump, and hydraulic pump for lifting, heating & cooling system. Vacuum pump takes the air bubbles out of mixed product, and extend the time of storage. Scraping unit is with moveable teflon scrapers to scrape off the materials on the tank wall and the anchor to move the materials to the center area to get better blending and mixing. The teflon scrapers are maintained manually and easily without any tool. The vacuum emulsifying equipment should be equipped with heating & cooling system which simplifies the processing. All food contacted parts of the equipment should be SUS316L	Equipped with high speed homogenizer	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	

Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

**111. Nut roasting machine**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacturer's literature and specifications for nut roasting machine	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Automatic control operation (temperature control and variable speed drive for motor) 50-100kgs/hr Using natural gas for heating and 3phase electric motor for turning the	50-100kgs/hr	.....Specify	
drum. Comprising horizontal SS 304 drum. Equipped with energy saving gas stove with adjustable flame. The outer layer of the drum is made of high quality asbestos as the thermal insulation material, which has good performance of thermal insulation and high thermal efficiency The design of the machine should make it easy to load and pan out the finished product. Should be adaptable for roasting various kinds of seeds and nuts including peanuts, melon seeds, pine nut, hazelnut, almond, rapeseed, sesame, macadamia etc	Yes	.....(Y/N)	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	

Warranty, minimum.	12 months	.....months	
MANUAL			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
OTHER REQUIREMENT			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

**112. Oil expeller – minimum 250kg/hr**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for the oil expeller	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
The screw press machine should be able to press copra, sesame, walnut, sunflower seed, peanut, rapeseed and soybean. Should be equipped with micro electric control, infrared heating, vacuum filter, triple squeezing and multi-stage pressing. Main motor- 3- phase (5Kw)	250kg/hr	.....Specify	
WARRANTY			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
MANUAL			
All literature in English Language			

	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

**113. Pop cereal machine**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacturer's literature and specifications for pop cereal machine	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Multi- grains with high pressure by fire, with collecting net, sound protector, dimension 1950 mm(L) * 600 (W) *800 (H),Box length 1250mm;Electricity 220V,50/60 Hz; capacity 4kg;5-6 shots /hr. Heating system; natural gas.	capacity 4kg;5-6 shots /hr	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	

OTHER REQUIREMENT			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

**114. Drier**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for the Drier	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Power control system,fan,Electric element, capacity -8 shelf /drawers, power rating 80kg per batch.	80-100kg per batch	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- -----	

		----- specify----- --	
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**115. Sachet Packaging Machine**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for sachet packaging machine	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Multi-purpose powder, grains, snack machine, packaging type: Bags, cans, case, film, pouch, stand up pouch; 15-70 Bags/Min.	15-70 Bags/Min	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

**116. Colloidal Mill**

SPECIFICATION	REQUIREMENT	TENDERER'S	COMPLIANCE
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		OFFER	
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Capacity (L) 0.2 -4, motor 5 kw, speed 3000Rpm, particle size 20-70; stainless steel.	Capacity (L) 0.2 -4, motor 5 kw, speed 3000Rpm	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

**117. Aflatoxin Analyzer Kit**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		

Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for the aflatoxin analyzer Kit	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Complete kit consisting of elisa well plate, well reader, spatula, cylinder, methanol, wash bottle, weighing balance.	Complete kit consisting of elisa well plate, well reader, spatula, cylinder, methanol, wash bottle, weighing balance	.....(Y/N)	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

**118. Raw egg washing and sterilizer**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for Raw egg washing and sterilizer	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	

Egg washing machine with disinfection function. Washing water temperature of 35oC and disinfection with 85oC. The machine to make hot water for disinfection. Machine Dimensions 910 x 640 x 1390 mm Machine Weight 172 Kg Machine Motor Power 3 x 7 kW Hourly Production Capacity 2,000 egg/hour	Hourly Production Capacity 2,000 egg/hour	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---	

**119. Egg yolk breaker and separator**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for <b>Egg yolk breaker and separator</b>	Yes		

Specifications	Yes	.....(Y/N)	
<p>Automatically collects eggs from the tray by moving them over knives that break and flare shell. Subsequently, the white and the yolk to the gutter flow down together controller. The operator searches damaged egg yolks and remove them to the gutter drain; eggs, egg white, egg yolk, flow into the distributor, which redirects separate white and yolk. High hygienic standard of broken eggs. Equipped with a variable speed operation. Ability to adjust the height of the knives and the strength of their hitting especially for breaking eggs with weak shells. Quality control module disallowing weak yolks get into final product. Equipped with two operating modes precise, slow and functions for cleaning the pneumatic system.</p> <p>Machine Dimensions 1060 × 880 × 1200 mm  Machine Weight 120 Kg  Machine Motor Power 2 x 0,75 kW  Hourly Production Capacity 1600 egg/hour</p>	Hourly Production Capacity 1100-1600 egg/hour	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- --	

120. Egg pasteurizer and filler

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for <b>Egg pasteurizer and filler</b>	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
<p>Plug and play system, requiring no need boiler for hot water and no homogenizer. Using rotor spinning heater allows to adjust precise temperatures for extended periods of time compared. Having rotor spinning heater to homogenize the product. Versatile to pasteurize, 100 % whole egg liquid or egg yolk and egg white liquid. The egg products will be fill into the pasteurization system balance tank from the products storage tanks using the transfer pump. The pump will be controlled by the automatic level controls in the balance tank. Using positive displacement pump, the product will be sent through to the regeneration section of the heat exchanger. Here the temperature of the product will be elevated to approximately 50°C – 55°C. After the regeneration section, the product will enter into the Rotary Spinning Heater, where will homogenize and raise the temperature by to 67°C. After Rotary Spinning Heater, the product will enter into the holding tubes for 3 minutes, where pasteurization is completed. From the holding tubes, the product will enter in the regeneration section and will be pre-chilled to approximately 25°C before entering into the cooling section. In the cooling section the product will be chilled to 2 - 4°C or below using the existing chilled system, and will go to the valve group that will send the product to packaging or recirculation. When the automatic system inform the operator that is arrived the desired temperature (about 2 - 4 ° C), the operator starts the filling machine. The finished product can be filled and packed in bag in box up to 20 l or a containers. Egg</p>	<p>Capacity 200-400 Lt. Air Pressure 6 Bar - 30 Nm2/h</p>	<p>.....Specify</p>	

<p>pasteurization line cleaning of all pasteurizing system manual/automatic with CIP system. Machine with compact design for minimum workshop space and low maintenance cost, plate heat exchanger. Machine Electrical Properties 5,5 Kw Capacity 200 Lt.  Air Pressure 6 Bar - 30 Nm<sup>2</sup>/h  Input Temperature 14 °C  Pasteurization Temperature 63-67 °C  Output Temperature 2-4 °C  Holding Time 3 min.</p>			
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----	

**121. Pressurized Cooking Vat/Vacuum Pan**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		

Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for Pressurized cooking vat/vacuum pan	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
<p>Product Description  Voltage 220V/1Ph50Hz or as customized  Automation :Full,semi automatic  Power 1.5kw  Heating source: steam ,gas,electric ,thermal  Capacity 50kg -500kg per batch  Steel grade All stainless SUS 304</p> <p>Specifications  1.All stainless steel SUS304,durable and easy to clean.  2.Electric heating.  3. Bowl tilted to 360° hydraulically to allow easy discharge of materials.  4 .Powerful water circulated vacuum pump to decrease processing time  5.Kettle cover turning easily for opening and closing.  6.High Capacity: approx.600kg with one pot.  7. Watch glass for product Smart control panel</p> <p>All of buttons in this panel ,easy for operation,save manpower and_time ,no need for training. Inspection glass Check the color of materials through this hole. It is very convenient Automatic accessories</p> <p>Safety relief valve will be relief the pressure automatically according to the set before,ensure the nutrition of materials,ensure the safety</p>	50kg -500kg per batch	.....Specify	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	
Repair manual/CD supplied	One per machine	_____(Y/N)	

Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----	

**122. Vacuum pump**

SPECIFICATION	REQUIREMENT	TENDERER'S OFFER	COMPLIANCE
Make	Specify		
Model	Specify		
Country of origin	Specify		
Manufacture's literature and specifications for <b>Vacuum pump</b>	Yes		
<b>Specifications</b>	Yes	.....(Y/N)	
Sample Contents: Water only Pump Type: Rotary Vane Vacuum Pump Region: International Works With These Products: Freeze Dry Systems, Precise Controlled Atmosphere Glove Boxes, Protector Controlled Atmosphere Glove Boxes Displacement Capacity at 60 Hz (50 Hz): 117 (98) Liters/min Ultimate Vacuum: $2 \times 10^{-3}$ m Bar	Freeze Dry Systems, Precise	.....(Y/N)	
<b>WARRANTY</b>			
Each machine to carry manufacturers statement of warranty	Yes	_____(Y/N)	
Warranty, minimum.	12 months	.....months	
<b>MANUAL</b>			
All literature in English Language	Yes	_____(Y/N)	

Repair manual/CD supplied	One per machine	_____(Y/N)	
Parts catalogue/CD supplied	One per machine	_____(Y/N)	
Operators handbook and service schedule Supplied	One per machine	_____(Y/N)	
<b>OTHER REQUIREMENT</b>			
To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- -----specify----- -----	

### 123. Extruder Machine

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER	COMPLIANCE
MAKE	-	_____(Y/N)	
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Extruder 600 series-Chemical-free processing solution for providing a nutrient-dense product and exceptional ROI for products of meat, milk and eggs	Yes	_____ ------(Y/N)	
b) Supplied new.	Yes	_____(Y/N)	

#### 2. PERFORMANCE.

t)	Construction material	Stainless steel	-----Specify	
u)	Capacity	272-365 kg/hr	-----Specify	
v)	Drive	V-belt	-----Specify	
w)	Power -Main Drive Motor	50Hp 37kw	-----Specify	
x)	Power-Feeder Drive Motor	Top Feeder 1hp/0.75kw Side feeder 1hp/0.75kw	-----Specify	
y)	Weight with Motor	636 kg	-----Specify	
z)	Dimensions	158 L x 140H x 140W CM	-----Specify	

#### 3 ACCESSORIES

a	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
---	--	-----	------------	--



w)	Cooling	Fan Cooled	-----Specify	
x)	Power Supply	220v/50hz	-----Specify	
y)	Dimension (LxWxH)	2593x1640x2015	-----Specify	

### 3 ACCESSORIES

a	Manufacturer's standard tool kit supplied.	Yes	_____(Y/N)	
b	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify		
c	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		
OTHER REQUIREMENT				
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____(Y/N)	
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ----- specify----- ---	

## 125. Silage Making Machine

SPECIFICATION	REQUIREMENTS	TENDERER'S OFFER	COMPLIANCE
MAKE	-	_____(Y/N)	
MODEL	-		
COUNTRY OF ORIGIN	-		
a) Silage Making Machine any type of animal feed with is chopped well and any type of fruit & vegetable pulps like maize	Yes	_____ ------(Y/N)	

silage, wheat silage, alpha silage, sugar beet pulp, wheat pulp and tomato pulp			
b) Supplied new.	Yes	_____ (Y/N)	

**2. PERFORMANCE.**

o)	Capacity	5-8 tons/hour	-----Specify	
p)	Kilogram Capacity	25-50kgs	-----Specify	
q)	Power	15kw 380 volts	-----Specify	
r)	Compressor	200 litres	-----Specify	
s)	Compressor Pressure	6-8 Bar	-----Specify	
t)	Machine Control	With Touchable LCD Screen	-----Specify	
u)	Cylinder (piston) Working System	Pneumatic	-----Specify	
v)	Machine Type	Mobile	-----Specify	
w)	Weigh System	With 2 pcs 100 kg loadcell	-----Specify	
x)	Packaging System	With press and vacuuming in bag	-----Specify	
y)	Weighing Tolerance	+ - %2	-----Specify	
z)	Hopper Working system	With chain	-----Specify	
aa)	Conveyor Feature	With adjustable speed control system by plc	-----Specify	

**3 ACCESSORIES**

a )	Manufacturer's standard tool kit supplied.	Yes	_____ (Y/N)	
b )	Comprehensive list of standard and specialized tools to be supplied with the machine.	Specify		
c )	Any other item that manufacturer deems necessary for optimum efficiency of the machine.	Specify		
<b>OTHER REQUIREMENT</b>				
	To be inspected by the Chief Mechanical and Transport Engineer prior to delivery for compliance with specifications.	Yes	_____ (Y/N)	
	Firm's Status: (Franchise holder/ Dealer/Agent), attach proof thereof	Specify	_____	
	Names and locations of dealers/agents where back-up service can be obtained.	Specify	----- ----- ---specify----- -----	

**OTHER AGRICULTURAL ACCESSORIES AND IMPLEMENTS**

<b>LINE ITEM</b>	<b>DESCRIPTION OF GOODS</b>	<b>QUANTITY AND PHYSICAL UNIT</b>	<b>MAKE/MODEL/COUNTRY OF ORIGIN</b>	<b>TENDERER'S RESPONSE</b>	<b>COMPLIANCE</b>
1	Agricultural Implements (4-Disc-Plough)	As and When Required (AWR)			
2	Non-Tipping Trailer, 6 Ton	As and When Required (AWR)			
3	Non-Tipping Trailer, 4 Ton	As and When Required (AWR)			
4	Lawn Mower 5-6 HP	As and When Required (AWR)			
5	Agricultural Implements (Row Crop Planter –4 Rows)	As and When Required (AWR)			
6	Lateral Boom Sprayer	As and When Required (AWR)			
7	Hay Baler, Tractor Operated	As and When Required (AWR)			
8	Towed Concrete Mixer, Self Loading	As and When Required (AWR)			
9	Tipping Trailer, 4Ton	As and When Required (AWR)			
10	Tipping Trailer, 6Ton	As and When Required (AWR)			
11	Non-Tipping Trailer, 3 Ton	As and When Required (AWR)			
12	Chisel Plough	As and When Required (AWR)			
13	Agricultural Implements (20-Disc Harrow)	As and When Required (AWR)			
14	Forage Harvester/Chopper, Two Rows	As and When Required (AWR)			
15	Agro Tunnels (9X15) mtrs Complete with 5,000 ltrs Portable Water Tank	As and When Required (AWR)			
16	Milk Cooling Tank 10,000 Lts	As and When Required (AWR)			
17	Milk Cooling Tank 7,000 Lts	As and When Required (AWR)			
18	Milk Cooling Tank	As and When			

	5,000 Lts	Required (AWR)			
19	Milk Cooling Tank 4,000 Lts	As and When Required (AWR)			
20	Milk Cooling Tank 3,200 Lts	As and When Required (AWR)			
21	Milk Cooling Tank 2,000 Lts	As and When Required (AWR)			
22	Milk Cooling Tank 1,600 Lts	As and When Required (AWR)			
23	Milk Dispensers 1,000ltrs	As and When Required (AWR)			
24	Milk Dispensers 500ltrs	As and When Required (AWR)			
25	Milk Dispensers 250ltrs	As and When Required (AWR)			
26	Mini Crawler Crane 2.3T	As and When Required (AWR)			
27	Mower 12HP Lawn	As and When Required (AWR)			
28	Agric Implements Harrow 3 Disc	As and When Required (AWR)			
29	Agric Implements 3 Disc Plough	As and When Required (AWR)			
30	Row Crop Planter-4 Rows	As and When Required (AWR)			
31	WaterPump Diesel Engine Driven	As and When Required (AWR)			
32	Water Pump 75mm, Petrol Engine Driven Final	As and When Required (AWR)			
33	Pallet Trolley 2T	As and When Required (AWR)			
34	Pallet Trolley 3T	As and When Required (AWR)			
35	Pallet Trolley 4T	As and When Required (AWR)			
37	3 POINT ATTACHMENT (TOWED) SOIL STABILIZER	As and When Required (AWR)			
38	Field Kitchen Trailer 2 Ton	As and When Required (AWR)			
39	Two Wheel Tractor	As and When Required (AWR)			
40	MOBILE DOUBLE CYLINDER PRE HEATER	As and When Required (AWR)			
41	SINGLE CYLINDER PRE HEATER	As and When Required (AWR)			

#### AGRICULTURAL EQUIPMENT & ACCESSORIES

LINE ITEM	DESCRIPTION OF GOODS	QUANTITY AND PHYSICAL UNIT	MAKE/MODEL/COUNTRY OF ORIGIN	TENDERER'S RESPONSE	COMPLIANCE
--------------	-------------------------	-------------------------------------	---------------------------------	------------------------	------------

1	Single line box girder type steel multi span bridge 17.4m, 22.8m, 40.2m, 32.2, 17.4m	As and When Required (AWR)			
	Single lane 400m wide				
	Box grinder				
	Anti-skid deck or reinforced concrete deck				
	80 ton vehicles neck to neck				
	Min. 2000000				
2	Pontoons complete HFB comprises of 2 end sections and 1 middle section length 4.720mm, width 1250kg, load capacity 20centimeter, frees board ca. 260kg Ma load capacity (full sinking) ca. 4400kg, middle: length 4200mm weight 1185kg	As and When Required (AWR)			
3	Complete Powder Coating Line	As and When Required (AWR)			
4	Drag bit 12 inch (305mm) 3wing	As and When Required (AWR)			
5	Drag bit 10 inch (254mm) 3wing	As and When Required (AWR)			
6	Drag bit 8 inch (200mm) 3wing	As and When Required (AWR)			
7	Drag bit 6 inch (150mm) 3wing	As and When Required (AWR)			
8	Lock roller 15 inch (254mm)	As and When Required (AWR)			
9	Lock roller 12	As and When			

	inch (254mm)	Required (AWR)			
10	Lock roller 10 inch (254mm)	As and When Required (AWR)			
11	Lock roller 8 inch (200mm)	As and When Required (AWR)			
12	Hammer bit 12 inch/DHT hammer	As and When Required (AWR)			
13	Casing 6''/Screens	As and When Required (AWR)			
14	Casing 8''/Screens	As and When Required (AWR)			
15	Casing 10''/Screens	As and When Required (AWR)			
16	Casing 12''/Screens	As and When Required (AWR)			
17	Metal Jerry Can Green Colour JC001- 5ltr	As and When Required (AWR)			
18	Metal Jerry Can Green Colour JC003-10ltr	As and When Required (AWR)			
19	Metal Jerry Can Green Colour JC007-20ltr	As and When Required (AWR)			
20	Metal Jerry Can Horizontal Type Red Colour JC016-10ltr	As and When Required (AWR)			
21	Hand Grease Gun Heavy Duty QH013-500g	As and When Required (AWR)			
22	Grease Bucket Pump HP025-5kg	As and When Required (AWR)			
23	Grease Bucket Pump HP027-16kg	As and When Required (AWR)			
24	Grease Bucket Pump Blue With Wheewl HP032-20kg	As and When Required (AWR)			
25	High Pressure Electric Grease / Oil Pump Blue	As and When Required (AWR)			

	EP002-25kg				
26	Pneumatic Grease Oil Filling Machine PP006-16ltr	As and When Required (AWR)			
27	Oil Bucket Pump HP025-5ltr	As and When Required (AWR)			
28	Oil Bucket Pump HP027-16ltr	As and When Required (AWR)			
29	Barrel Pump Manual Black Colour HP002	As and When Required (AWR)			
30	Pipe wrench 24 inch	As and When Required (AWR)			
31	Pipe wrench 36 inch	As and When Required (AWR)			
32	Pipe wrench 48 inch	As and When Required (AWR)			
33	Pipe wrench 4 inch jaw	As and When Required (AWR)			
34	Chain tongs for 6 inch pipe	As and When Required (AWR)			
35	Casing clamps for 150-300mm	As and When Required (AWR)			
36	Casing elevator 150-300mm	As and When Required (AWR)			
37	Formation sample boxes	As and When Required (AWR)			
38	30M by DN 75 Air hose	As and When Required (AWR)			
39	DN 75 Male and Female coupling	As and When Required (AWR)			
40	Copper grease	As and When Required (AWR)			
41	Spearhead assembly (HQ) complete set	As and When Required (AWR)			
42	Overshot	As and When			

	assembly (NQ)	Required (AWR)			
43	Water swivel (NQ) 2500TC	As and When Required (AWR)			
44	Fishing tap HW	As and When Required (AWR)			
45	Spearhead assembly (HQ) set	As and When Required (AWR)			
46	Spearhead assembly (HQ)	As and When Required (AWR)			
47	Water swivel (NQ) 25000TC	As and When Required (AWR)			
48	Fishing tap (NQ)	As and When Required (AWR)			
49	Fishing tap (NW)	As and When Required (AWR)			
50	Surface set HQ bits 5 No. and 5No. serrated ones	As and When Required (AWR)			
51	Surface set NQ bits 5 No. and 5No. serrated ones	As and When Required (AWR)			
52	Barrel assembly HQ-3M	As and When Required (AWR)			
53	Barrel assembly NQ-3M	As and When Required (AWR)			
54	Casing shoe HW	As and When Required (AWR)			
55	Casing shoe NW	As and When Required (AWR)			
56	High pressure water hose 13M 1.5	As and When Required (AWR)			
57	Water pump 6.5 HP inlet/outlet =3	As and When Required (AWR)			
58	48'' (HD) pipe wrench	As and When Required (AWR)			

59	36'' (HD) pipe wrench	As and When Required (AWR)			
60	24'' (HD) pipe wrench	As and When Required (AWR)			
61	12'' (HD) pipe wrench	As and When Required (AWR)			
62	HQ inner tube wrench	As and When Required (AWR)			
63	Hard wood timber planks 12 by 12 by 14 ft	As and When Required (AWR)			
64	Scintilometer	As and When Required (AWR)			
65	Geiger muller tube with rate meter	As and When Required (AWR)			
66	Arc gis version 10.1	As and When Required (AWR)			
67	Magnetulluric	As and When Required (AWR)			
68	Transint electromagnetic	As and When Required (AWR)			
69	CG-5 gravimeter batteries	As and When Required (AWR)			
70	ENVIMAG batteries	As and When Required (AWR)			
71	Suction pipe	As and When Required (AWR)			
72	High pressure water suction hose	As and When Required (AWR)			
73	Nickel ¼ '' splices	As and When Required (AWR)			
74	AXL to NW casing pin	As and When Required (AWR)			
75	Mud pump plunger rubber sets for CS 3001	As and When Required (AWR)			

	mud pump				
76	Drilling oil	As and When Required (AWR)			
77	Drilling grease	As and When Required (AWR)			

## AGRICULTURE TRACTOR EQUIPMENT & ACCESSORIES

S/N O	ITEM DESCRIPTION		MAKE/MODE L/COUNTRY OF ORIGIN	TENDERER'S RESPONSE	COMPLIANCE
1.	<b>Track assy</b>	<b>All plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
2.	<b>Link assy</b>	<b>All plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
3.	<b>Idler assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				

	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>4.</b>	<b>Sproket assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>5.</b>	<b>Top roller</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>6.</b>	<b>Bottom Roller</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>7.</b>	<b>Diff Assy</b>	<b>All Plants</b>			
	Catapillar				

	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>8.</b>	<b>Transmissiom assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>9.</b>	<b>Top half engine assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>10.</b>	<b>Bottom half engine assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				

	Case				
	Sanny				
<b>11.</b>	<b>Starter assy 24V</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>12.</b>	<b>Alternator assy 24V</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>13.</b>	<b>Cutting edges 7"</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>14.</b>	<b>Cutting edges 6"</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				

	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>15.</b>	<b>Cutting edge dozers</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>16.</b>	<b>End Bits</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>17.</b>	<b>Ripper tips</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>18.</b>	<b>Wheel Rim Assy</b>	<b>All Plants</b>			
	Catapillar				

	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>19.</b>	<b>Radiator Assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>20.</b>	<b>Bucket Assy</b>	<b>All Plants</b>			
	Catapillar				
	Komatsu				
	Shantui				
	Tiangog				
	XCMG				
	Changlin				
	Terex				
	Volvo				
	Case				
	Sanny				
<b>21.</b>	<b>Diff assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				

	Mercedes				
	Mitsubishi				
<b>22.</b>	<b>Transmission assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
<b>23.</b>	<b>Top half engine assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
<b>24.</b>	<b>Bottom half engine assy</b>	<b>All Trucks</b>			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
<b>25.</b>	<b>Starter assy</b>	<b>All Trucks</b>			
	Sino				

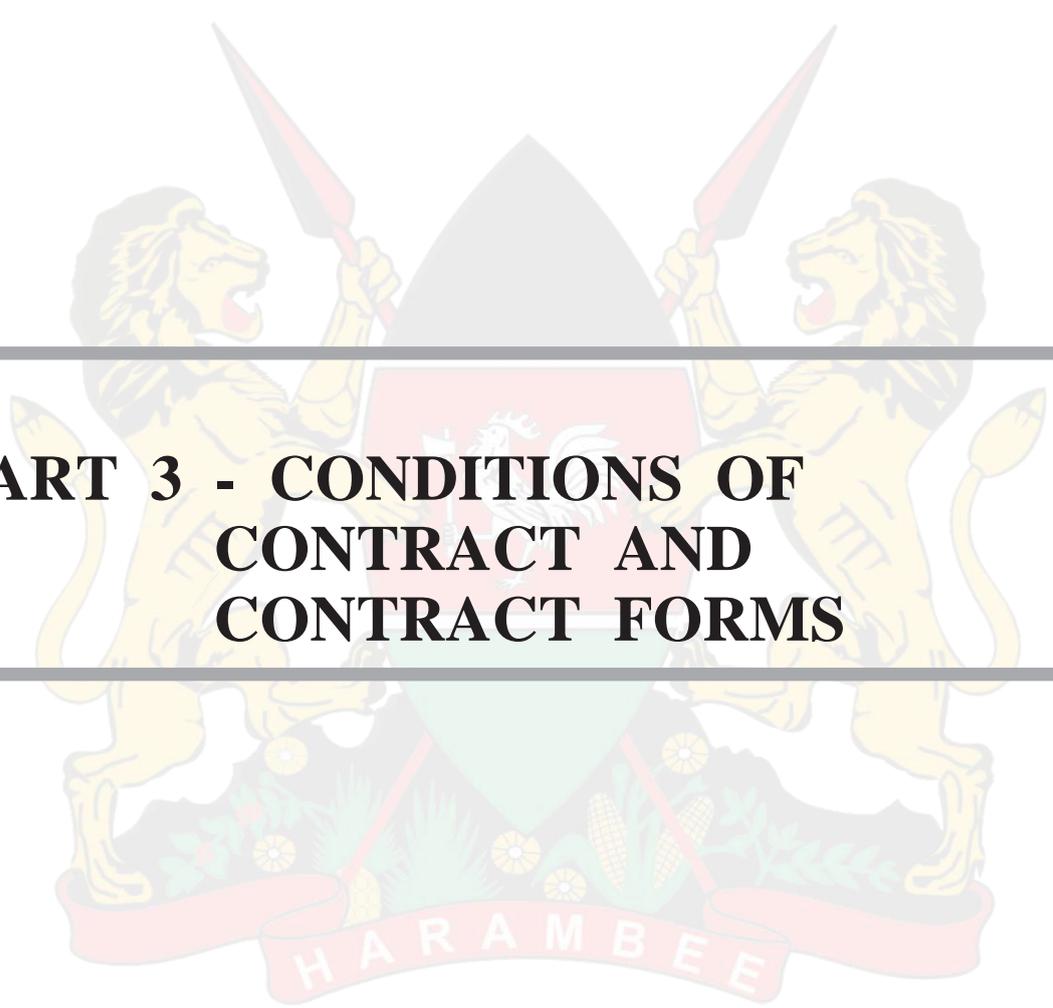
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
26.	Alternator Assy	All Trucks			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				
27.	Wheel Rim Assy	All Trucks			
	Sino				
	Daewoo				
	Dongfeng				
	Yutong				
	Schacman				
	Steyr				
	Toyota				
	Hino				
	Mercedes				
	Mitsubishi				

## 2 Drawings

This Tendering document includes.... *no* drawings.

### **3. Inspections and Tests**

The following inspections and tests shall be performed: **As per Technical / Evaluation Criteria**



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**PART 3 - CONDITIONS OF  
CONTRACT AND  
CONTRACT FORMS**

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## SECTION VI - GENERAL CONDITIONS OF CONTRACT

### 1. Definitions

In the Conditions of Contract (“these Conditions”), which include Special Conditions, Parts A and B, and these General Conditions, the following words and expressions shall have the meanings stated. Words indicating persons or parties include corporations and other legal entities, except where the context requires otherwise.

- a) “Contract” means the Contract Agreement entered into between the Procuring Entity and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.
- b) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
- c) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.
- d) “Day” means calendar day.
- e) “Completion” means the fulfilment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.
- f) “GCC” means the General Conditions of Contract.
- g) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Procuring Entity under the Contract.
- h) “Procuring Entity” means the Procuring Entity purchasing the Goods and Related Services, as **specified in the SCC**.
- i) “Related Services” means the services incidental to the supply of the goods, such as insurance, delivery, installation, commissioning, training and initial maintenance and other such obligations of the Supplier under the Contract.
- j) “SCC” means the Special Conditions of Contract.
- k) “Subcontractor” means any person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier.
- l) “Supplier” means the person, private or government entity, or a combination of the above, whose Tender to perform the Contract has been accepted by the Procuring Entity and is named as such in the Contract Agreement.
- m) “**Base Date**” means a date 30 day prior to the submission of tenders.
- n) “**Laws**” means all national legislation, statutes, ordinances, and regulations and by-laws of any legally constituted public authority.
- o) “**Letter of Acceptance**” means the letter of formal acceptance, signed by the contractor. Procuring Entity, including any annexed memoranda comprising agreements between and signed by both Parties.
- p) “**Procuring Entity**” means the Entity named in the Special Conditions of Contract.

### 2. Interpretation

- 21. If the context so requires it, singular means plural and vice versa.
- 22. Incoterms

- a) Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties thereunder shall be as prescribed by Incoterms **specified in the SCC**.
- b) The terms EXW and CIP and other similar terms, when used, shall be governed by the rules prescribed in the current edition of Incoterms specified in the **SCC** and published by the International Chamber of Commerce in Paris, France.

### **3. Contract Documents**

Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole. The documents forming the Contract shall be interpreted in the following order of priority:

- a) the Contract Agreement,
- b) the Letter of Acceptance,
- c) the General Conditions of Contract
- d) Special Conditions of Contract
- e) the Form of Tender,
- f) the Specifications and Schedules of the Drawings (if any), and
- g) the Schedules of Requirements, Price Schedule and any other documents forming part of the Contract.

### **4. Fraud and Corruption**

- 3.1 The supplier shall comply with anti-corruption laws and guidelines and the prevailing sanctions, policies and procedures as set forth in the Laws of Kenya.
- 3.2 The Supplier shall disclose any commissions, gratuity or fees that may have been paid or are to be paid to agents or any other person with respect to the Tendering process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

#### **4.1 Entire Agreement**

- 4.3.1 The Contract constitutes the entire agreement between the Procuring Entity and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.

#### **4.2 Amendment**

No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.

#### **4.3 Non-waiver**

- a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract.
- b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived.

#### **4.4 Severability**

If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.

## **5. Language**

- 5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Procuring Entity, shall be written in the **English Language**. Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate and certified translation of the relevant passages in the **English Language**, in which case, for purposes of interpretation of the Contract, the English language is translation shall govern.
- 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.

## **6. Joint Venture, Consortium or Association**

- 6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Procuring Entity for the fulfilment of the provisions of the Contract and shall designate one member of the joint venture, consortium, or association to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior written consent of the Procuring Entity.

## **7. Eligibility**

- 7.1 The Supplier and its Subcontractors shall have the nationality of an eligible country. A Supplier or Sub-contractor shall be deemed to have the nationality of a country if it is a citizen or constituted, incorporated, or registered, and operates in conformity with the provisions of the laws of that country.
- 7.2 All Goods and Related Services to be supplied under the Contract shall have their origin in Eligible Countries. For the purpose of this Clause, origin means the country where the goods have been grown, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its components.
- 7.3 The Tenderer, if a Kenyan firm, must submit with its tender a valid tax compliance certificate from the Kenya Revenue Authority.

## **8. Notices**

- 8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the **SCC**. The term "in writing" means communicated in written form with proof of receipt.
- 8.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

## **9. Governing Law**

- 9.1 The Contract shall be governed by and interpreted in accordance with the laws of Kenya.
- 9.2 Throughout the execution of the Contract, the Supplier shall comply with the import of goods and services prohibitions in Kenya:
- a) where, as a matter of law, compliance or official regulations, Kenya prohibits commercial relations with that country or any import of goods from that country or any payments to any country, person, or entity in that country ; or
  - b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods from that country or any payments to any country, person, or entity.

## **10. Settlement of Disputes**

- 10.1 The Procuring Entity and the Supplier shall make every effort to resolve amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the Contract.
- 10.2 If, after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity or the Supplier may give notice to the other party of its intention to commence

arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

#### **102 Arbitration proceedings shall be conducted as follows:**

- 1021 Any claim or dispute between the Parties arising out of or in connection with the Contract not settled amicably in accordance with Sub-Clause 10.1 shall be finally settled by arbitration.
- 1022 No arbitration proceedings shall be commenced on any claim or dispute where notice of a claim or dispute has not been given by the applying party within thirty days of the occurrence or discovery of the matter or issue giving rise to the dispute.
- 1023 Notwithstanding the issue of a notice as stated above, the arbitration of such a claim or dispute shall not commence unless an attempt has in the first instance been made by the parties to settle such claim or dispute amicably with or without the assistance of third parties. Proof of such attempt shall be required.
- 1024 The Arbitrator shall, without prejudice to the generality of his powers, have powers to direct such measurements, computations, or valuations as may in his opinion be desirable in order to determine the rights of the parties and assess and award any sums which ought to have been the subject of or included in any due payments.
- 1025 Neither Party shall be limited in the proceedings before the arbitrators to the evidence, or to the reasons for the dispute given in its notice of a claim or dispute.
- 1026 Arbitration may be commenced prior to or after delivery of the goods. The obligations of the Parties shall not be altered by reason of any arbitration being conducted during the progress of the delivery of goods.
- 1027 The terms of the remuneration of each or all the members of Arbitration shall be mutually agreed upon by the Parties when agreeing the terms of appointment. Each Party shall be responsible for paying one-half of this remuneration.

#### **103 Arbitration Proceedings**

- 1031 Arbitration proceedings with national suppliers will be conducted in accordance with the Arbitration Laws of Kenya. In case of any claim or dispute, such claim or dispute shall be notified in writing by either party to the other with a request to submit it to arbitration and to concur in the appointment of an Arbitrator within thirty days of the notice. The dispute shall be referred to the arbitration and final decision of a person or persons to be agreed between the parties. Failing agreement to concur in the appointment of an Arbitrator, the Arbitrator shall be appointed, on the request of the applying party, by the Chairman or Vice Chairman of any of the following professional institutions;
- i) Kenya National Chamber of Commerce
  - ii) Chartered Institute of Arbitrators (Kenya Branch)
  - iii) The Law Society of Kenya
- 1032 The institution written to first by the aggrieved party shall take precedence over all other institutions.

#### **1033 Alternative Arbitration Proceedings**

Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

#### **104 Arbitration with Foreign Suppliers**

- 1041 Arbitration with foreign suppliers shall be conducted in accordance with the arbitration rules of the United Nations Commission on International Trade Law (UNCITRAL); or with proceedings administered by the International Chamber of Commerce (ICC) and conducted under the ICC Rules of Arbitration; by one or more arbitrators appointed in accordance with said arbitration rules.

1042 The place of arbitration shall be a location specified in the **SCC**; and the arbitration shall be conducted in the language for communications defined in Sub-Clause 1.4 [Law and Language].

### **105 Alternative Arbitration Proceedings**

Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

### **106 Failure to Comply with Arbitrator's Decision**

1061 The award of such Arbitrator shall be final and binding upon the parties.

10.6.1 In the event that a Party fails to comply with a final and binding Arbitrator's decision, then the other Party may, without prejudice to any other rights it may have, refer the matter to a competent court of law.

### **107 Contract operations continue**

Notwithstanding any reference to arbitration herein,

- a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
- b) the Procuring Entity shall pay the Supplier any monies due the Supplier.

### **11. Inspections and Audit by the Procuring Entity**

11.1 The Supplier shall keep, and shall cause its Subcontractors to keep, accurate and systematic accounts and records in respect of the Goods in such form and details as will clearly identify relevant time, changes and costs.

11.2 Pursuant to paragraph 2.2 of Instruction to Tenderers, the Supplier shall permit and shall cause its subcontractors to permit, the Procuring Entity and/or persons appointed by the Procuring Entity or by other statutory bodies of the Government to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by the Procuring Entity. The Supplier's and its Subcontractors' attention is drawn to Sub- Clause 3.1 which provides, inter alia, that acts intended to materially impede the exercise of the Procuring Entity's inspection and audit rights constitute a prohibited practice subject to contract termination, as well as to a determination of ineligibility.

### **12. Scope of Supply**

12.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.

### **3. Delivery and Documents**

13.1 Subject to GCC Sub-Clause 33.1, the delivery of the Goods and completion of the Related Services shall be in accordance with the List of Goods and Delivery Schedule specified in the Supply Requirements. The details of shipping and other documents to be furnished by the Supplier are specified in the **SCC**.

### **4. Supplier's Responsibilities**

14.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 12, and the Delivery and Completion Schedule, as per GCC Clause 13.

### **5. Contract Price**

**15.1** Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Tender, with the exception of any price adjustments authorized in the **SCC**.

15.2 Where the contract price is different from the corrected tender price, in order to ensure the supplier is not paid less or more relative to the contract price (*which would be the tender price*), any partial payment valuation based

on rates in the schedule of prices in the Tender, will be adjusted by a plus or minus percentage. The percentage already worked out during tender evaluation is worked out as follows: *(corrected tender price – tender price)/tender price X 100*.

## **6. Terms of Payment**

- 161 The Supplier shall request for payment by submitting invoice(s), delivery note(s) and any other relevant documents as specified in the SCC to the Procuring Entity.
- 162 Payments shall be made promptly by the Procuring Entity, but not later than thirty (30) days after submission of an invoice by the Supplier, and after the Procuring Entity has accepted it.
- 163 Where a Procuring Entity rejects Goods and Related Services, in part or wholly, the procuring Entity shall promptly inform the Supplier to collect, replace or rectify as appropriate and give reasons for rejection. The Supplier shall submit a fresh invoice, delivery note and any other relevant documents as specified in the SCC.
- 164 The currencies in which payments shall be made to the Supplier under this Contract shall be those in which the Tender price is expressed.
- 165 In the event that the Procuring Entity fails to pay the Supplier any payment by its due date or within the period set forth in the SCC, the Procuring Entity may pay to the Supplier interest on the amount of such delayed payment at the rate shown in the SCC, for the period of delay until payment has been made in full, whether before or after judgment or arbitration award.

## **Taxes and Duties**

- 17.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, and other such levies incurred to deliver the Goods and Related Services to the Procuring Entity at the final delivery point.
- 17.3 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Kenya, the Supplier shall inform the Procuring Entity and the Procuring Entity shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.

## **7. Performance Security**

- 181 If required as specified in the SCC, the Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a performance security for the performance of the Contract in the amount specified in the SCC.
- 182 The proceeds of the Performance Security shall be payable to the Procuring Entity as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 183 As specified in **the SCC**, the Performance Security, if required, shall be denominated in the currency(ies) of the Contract, or in a freely convertible currency acceptable to the Procuring Entity; and shall be in one of the formats stipulated by the Procuring Entity in **the SCC**, or in another format acceptable to the Procuring Entity.
- 184 The Performance Security shall be discharged by the Procuring Entity and returned to the Supplier not later than thirty (30) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in the SCC.

## **8. Copyright**

- 19.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Procuring Entity by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Procuring Entity directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.

## **9. Confidential Information**

- 20.1 The Procuring Entity and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information

furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Sub-Supplier such documents, data, and other information it receives from the Procuring Entity to the extent required for the Sub Supplier to perform its work under the Contract, in which event the Supplier shall obtain from such Sub Supplier undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 20.

- 20.2 The Procuring Entity shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Procuring Entity for any purpose other than the performance of the Contract.
- 20.3 The obligation of a party under GCC Sub-Clauses 20.1 and 20.2 above, however, shall not apply to information that:
- a) the Procuring Entity or Supplier need to share with other arms of Government or other bodies participating in the financing of the Contract; such parties shall be disclosed in **the SCC**;
  - b) now or hereafter enters the public domain through no fault of that party;
  - c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or
  - d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
- 20.4 The above provisions of GCC Clause 20 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.
- 20.5 The provisions of GCC Clause 20 shall survive completion or termination, for whatever reason, of the Contract.

## **10. Subcontracting**

- 21.1 The Supplier shall notify the Procuring Entity in writing of all subcontracts awarded under the Contract if not already specified in the Tender. Such notification, in the original Tender or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.
- 21.2 Subcontracts shall comply with the provisions of GCC Clauses 3 and 7.

## **11. Specifications and Standards**

- 22.1 Technical Specifications and Drawings
- a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section VI, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.
  - b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Procuring Entity, by giving a notice of such disclaimer to the Procuring Entity.
  - c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Procuring Entity and shall be treated in accordance with GCC Clause 33.

## **12. Packing and Documents**

- 23.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme

temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the goods' final destination and the absence of heavy handling facilities at all points in transit.

232 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified **in the SCC**, and in any other instructions ordered by the Procuring Entity.

### **13. Insurance**

24.1 Unless otherwise specified in the **SCC**, the Goods supplied under the Contract shall be fully insured—in a freely convertible currency from an eligible country—against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance with the applicable Incoterms or in the manner specified in the **SCC**.

### **14. Transportation and Incidental Services**

25.1 Unless otherwise specified in the **SCC**, responsibility for arranging transportation of the Goods shall be in accordance with the specified Incoterms.

25.2 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified **in SCC**:

- a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- e) training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

25.3 Prices charged by the Supplier for incidental services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services

### **15. Inspections and Tests**

26.1 The Supplier shall at its own expense and at no cost to the Procuring Entity carry out all such tests and/or inspections of the Goods and Related Services as are specified in the **SCC**.

26.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place in Kenya as specified in the **SCC**. Subject to GCC Sub-Clause 26.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Entity.

26.3 The Procuring Entity or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 26.2, provided that the Procuring Entity bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all travelling and board and lodging expenses.

26.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Procuring Entity. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Procuring Entity or its designated representative to attend the test and/or inspection.

26.5 The Procuring Entity may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the

Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.

266 The Supplier shall provide the Procuring Entity with a report of the results of any such test and/or inspection.

267 The Procuring Entity may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Procuring Entity, and shall repeat the test and/or inspection, at no cost to the Procuring Entity, upon giving a notice pursuant to GCC Sub- Clause 26.4.

268 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Procuring Entity or its representative, nor the issue of any report pursuant to GCC Sub-Clause 26.6, shall release the Supplier from any warranties or other obligations under the Contract.

## **16. Liquidated Damages**

27.1 Except as provided under GCC Clause 32, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Procuring Entity may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in those SCC. Once the maximum is reached, the Procuring Entity may terminate the Contract pursuant to GCC Clause 35.

## **28. Warranty**

28.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.

28.2 Subject to GCC Sub-Clause 22.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.

28.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC, or for eighteen (18) months after the date of shipment from the port or place of loading in the country of origin, whichever period concludes earlier.

28.4 The Procuring Entity shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Procuring Entity shall afford all reasonable opportunity for the Supplier to inspect such defects.

28.5 Upon receipt of such notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Procuring Entity.

28.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Procuring Entity may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Entity may have against the Supplier under the Contract.

## **29. Patent Indemnity**

29.1 The Supplier shall, subject to the Procuring Entity's compliance with GCC Sub-Clause 29.2, indemnify and hold harmless the Procuring Entity and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Procuring Entity may suffer as a result of

any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of:

- a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- b) the sale in any country of the products produced by the Goods.

Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.

- 292 If any proceedings are brought or any claim is made against the Procuring Entity arising out of the matters referred to in GCC Sub-Clause 29.1, the Procuring Entity shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Procuring Entity's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.
- 293 If the Supplier fails to notify the Procuring Entity within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Procuring Entity shall be free to conduct the same on its own behalf.
- 294 The Procuring Entity shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.
- 295 The Procuring Entity shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Procuring Entity.

### **30. Limitation of Liability**

- 30.1 Except in cases of criminal negligence or willful misconduct,
- a) the Supplier shall not be liable to the Procuring Entity, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Procuring Entity, and
  - b) the aggregate liability of the Supplier to the Procuring Entity, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the Procuring Entity with respect to patent infringement.

### **31. Change in Laws and Regulations**

- 31.1 Unless otherwise specified in the Contract, if after the date of 30 days prior to date of Tender submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Kenya (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 15.

### 32. Force Majeure

- 32.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
- 32.2 For purposes of this Clause, “Force Majeure” means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Procuring Entity in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 32.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

### 33. Change Orders and Contract Amendments

- 33.1 The Procuring Entity may at any time order the Supplier through notice in accordance GCC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:
- a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring Entity;
  - b) the method of shipment or packing;
  - c) the place of delivery; and
  - d) the Related Services to be provided by the Supplier.
- 33.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Procuring Entity's change order.
- 33.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
- 33.4 **Value Engineering:** The Supplier may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following:
- a) the proposed change(s), and a description of the difference to the existing contract requirements;
  - b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Procuring Entity may incur in implementing the value engineering proposal; and
  - c) a description of any effect(s) of the change on performance/functionality.
- 33.5 The Procuring Entity may accept the value engineering proposal if the proposal demonstrates benefits that:
- a) accelerates the delivery period; or
  - b) reduces the Contract Price or the life cycle costs to the Procuring Entity; or
  - c) improves the quality, efficiency or sustainability of the Goods; or
  - d) yields any other benefits to the Procuring Entity, without compromising the necessary functions of the Facilities.
- 33.6 If the value engineering proposal is approved by the Procuring Entity and results in:
- a) a reduction of the Contract Price; the amount to be paid to the Supplier shall be the percentage specified in the SCC of the reduction in the Contract Price; or
  - b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit

described in

(a) to (d) above, the amount to be paid to the Supplier shall be the full increase in the Contract Price.

33.7 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

#### **34. Extensions of Time**

34.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 13, the Supplier shall promptly notify the Procuring Entity in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Procuring Entity shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.

34.2 Except in case of Force Majeure, as provided under GCC Clause 32, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 34.1.

#### **7. Termination**

35.1 Termination for Default

- a) The Procuring Entity, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:
  - i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Procuring Entity pursuant to GCC Clause 34;
  - ii) if the Supplier fails to perform any other obligation under the Contract; or
  - iii) if the Supplier, in the judgment of the Procuring Entity has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix to the GCC, in competing for or in executing the Contract.
- b) In the event the Procuring Entity terminates the Contract in whole or in part, pursuant to GCC Clause 35.1(a), the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Procuring Entity for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

35.2 Termination for Insolvency.

The Procuring Entity may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Procuring Entity

35.2 Termination for Convenience.

- a) The Procuring Entity, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Entity's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Procuring Entity at the Contract terms and prices. For the remaining Goods, the Procuring Entity may elect:
  - i) to have any portion completed and delivered at the Contract terms and prices; and/or
  - ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.

#### **8. Assignment**

36.1 Neither the Procuring Entity nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.

## **9. Export Restriction**

- 37.1 Notwithstanding any obligation under the Contract to complete all export formalities, any export restrictions attributable to the Procuring Entity, to Kenya, or to the use of the products/goods, systems or services to be supplied, which arise from trade regulations from a country supplying those products/goods, systems or services, and which substantially impede the Supplier from meeting its obligations under the Contract, shall release the Supplier from the obligation to provide deliveries or services, always provided, however, that the Supplier can demonstrate to the satisfaction of the Procuring Entity that it has completed all formalities in a timely manner, including applying for permits, authorizations and licenses necessary for the export of the products/goods, systems or services under the terms of the Contract. Termination of the Contract on this basis shall be for the Procuring Entity's convenience pursuant to Sub-Clause 35.3.

## SECTION VII - SPECIAL CONDITIONS OF CONTRACT

The following Special Conditions of Contract (SCC) shall supplement and/or amend the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

*[The Procuring Entity shall select insert the appropriate wording using the samples below or other acceptable wording, and delete the text in italics].*

GCC 1.1(j)	The Procuring Entity is: <b>Ministry of Transport, Infrastructure, Housing, Urban Development and Public Works, State Department of Public Works Supplies Branch</b>
GCC 28.3	The Final Destination(s) is/are: <b>Point of use or as advised by Procuring Entity</b>
GCC 8.1	<p>For <b>notices</b>, the Procuring Entity's address shall be:</p> <p>Attention: <b>The Head of Supplies Branch, Supplies Branch, Likoni Road, Industrial Area.</b></p> <p>Postal address: <b>P. O. Box 30743-00100, Nairobi</b></p> <p>Physical Address: <b>Supplies Branch, Likoni Road, Industrial Area</b></p> <p>Telephone: <b>+254 (0) 20 272 3101/271 6960</b></p> <p>Electronic mail address: <a href="mailto:info@suppliesbranch.go.ke">info@suppliesbranch.go.ke</a></p>
GCC 10.4.2	The place of arbitration shall be: <b>as per the Laws of Kenya.</b>
GCC 15.1	<p>The prices charged for the Goods supplied and the related Services performed <b>Shall not</b>, be adjustable.</p> <p>Prices quoted shall remain valid for a period of one year (12 months) after signing of the contract as per the Public Procurement Asset and Disposal Act, 2015. Request for variation of prices from the supplier can only be allowed after the said period has lapsed and the variation shall not exceed 15% of the cost.</p> <p>Price variation, if any, will be based on the prevailing consumer price index obtained from the Kenya National Bureau of Statistics and the monthly inflation rate from the Central Bank of Kenya.</p>

<p><b>GCC 16.1</b></p>	<p>GCC 16.1- The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p><b>Payment for Goods and Services supplied:</b></p> <p>Payment for Goods and Services supplied shall be made in <i>Kenya Shillings</i> and should be net inclusive of all taxes and delivery charges; as shown below:</p> <p><b>On Delivery:</b> This being a tender for the <b>SUPPLY AND DELIVERY OF AGRICULTURAL EQUIPMENT ACCESSORIES AS AND WHEN REQUIRED, FOR TWO YEARS</b> to the Government/Departments &amp; Institutions for a period of two (2) Years commencing from the date of Contract Signing, respective Ministries / Departments &amp; Institutions shall pay directly to the contractor on receipt of goods ordered.</p>
<p><b>GCC 18.1</b></p>	<p>A Performance Security Shall <i>not</i> be required.</p>

<b>GCC 24.1</b>	<p>The insurance coverage shall be as specified below:</p> <p>Goods supplied against the contract proceeding from this procurement shall be fully insured against loss, damage incidental to manufacture or acquisition, transportation, storage and delivery. The procuring entity shall not be liable for any damage or loss prior to delivery.</p>
<b>GCC 25.1</b>	<p>Responsibility for transportation of the Goods shall be:</p> <p><i>"The Supplier is required under the Contract to transport the Goods to a specified place of final destination within Kenya, defined as the <b>Point of use or as advised by Procuring Entity (MDA)</b>, transport to such place of destination in Kenya, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price".</i></p>
<b>GCC 25.2</b>	<p>Incidental services to be provided are:</p> <p><i>As per the services covered under GCC Clause 25.2 and/or other should be specified with the desired features. The price quoted in the Tender price or agreed with the selected Supplier shall be included in the Contract Price.</i></p>
<b>GCC 26.1</b>	<p>The inspections and tests shall be: <b>As per Technical / Evaluation Criteria</b></p>
<b>GCC 26.2</b>	<p>The Inspections and tests shall be conducted at: <b>as per Point of use or as advised by Procuring Entity</b></p>

## **SECTION VIII - CONTRACT FORMS**

This Section contains forms which, once completed, will form part of the Contract. The forms for Performance Security and Advance Payment Security, when required, shall only be completed by the successful tenderer after contract award.

## FORM No 1: NOTIFICATION OF INTENTION TO AWARD

This Notification of Intention to Award shall be sent to each Tenderer that submitted a Tender. Send this Notification to the Tenderer's Authorized Representative named in the Tender Information Form on the format below.

-----

### FORMAT

1. For the attention of Tenderer's Authorized Representative

i) Name: \_\_\_\_\_ [insert Authorized Representative's name]

ii) Address: \_\_\_\_\_ [insert Authorized Representative's Address]

iii) Telephone: \_\_\_\_\_ [insert Authorized Representative's telephone/fax numbers]

iv) Email Address: \_\_\_\_\_ [insert Authorized Representative's email address]

[IMPORTANT: insert the date that this Notification is transmitted to Tenderers. The Notification must be sent to all Tenderers simultaneously. This means on the same date and as close to the same time as possible.]

2. Date of transmission: \_\_\_\_\_ [email] on [date] \_\_\_\_\_ (local time)

This Notification is sent by \_\_\_\_\_ (Name and designation) \_\_\_\_\_

3. Notification of Intention to Award

i) Employer: \_\_\_\_\_ [insert the name of the Employer]

ii) Project: \_\_\_\_\_ [insert name of project]

iii) Contract title: \_\_\_\_\_ [insert the name of the contract]

iv) Country: \_\_\_\_\_ [insert country where ITT is issued]

v) ITT No: \_\_\_\_\_ [insert ITT reference number from Procurement Plan]

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period, you may:

4. Request a debriefing in relation to the evaluation of your tender

Submit a Procurement-related Complaint in relation to the decision to award the contract.

a) The successful tenderer

i) Name of successful Tender \_\_\_\_\_

ii) Address of the successful Tender \_\_\_\_\_

iii) Contract price of the successful Tender Kenya Shillings \_\_\_\_\_ (in words \_\_\_\_\_)

b) Other Tenderers

Names of all Tenderers that submitted a Tender. If the Tender's price was evaluated include the evaluated price as well as the Tender price as read out. For Tenders not evaluated, give one main reason the Tender was unsuccessful.

S/No	Name of Tender	Tender Price as read out	Tender's evaluated price (Note a)	One Reason Why Not Evaluated
1				
2				
3				
4				
5				

(Note a) State NE if not evaluated

5. How to request a debriefing

- a) DEADLINE: The deadline to request a debriefing expires at midnight on [insert date] (local time).
- b) You may request a debriefing in relation to the results of the evaluation of your Tender. If you decide to request a debriefing your written request must be made within three (5) Business Days of receipt of this Notification of Intention to Award.
- c) Provide the contract name, reference number, name of the Tenderer, contact details; and address the request for debriefing as follows:
  - I) Attention: \_\_\_\_\_ [insert full name of person, if applicable]
  - ii) Title/position: \_\_\_\_\_ [insert title/position]
  - ii) Agency: \_\_\_\_\_ [insert name of Employer]
  - iii) Email address: \_\_\_\_\_ [insert email address]
- d) If your request for a debriefing is received within the 3 Days deadline, we will provide the debriefing within five (3) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (3) Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.
- e) The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.
- f) If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Days from the date of publication of the Contract Award Notice.

6. How to make a complaint

- a) Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, [insert date] (local time).
- b) Provide the contract name, reference number, name of the Tenderer, contact details; and address the Procurement-related Complaint as follows:
  - I) Attention: \_\_\_\_\_ [insert full name of person, if applicable]
  - ii) Title/position: \_\_\_\_\_ [insert title/position]
  - iii) Agency: \_\_\_\_\_ [insert name of Employer]
  - iv) Email address: \_\_\_\_\_ [insert email address]
- c) At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.
- d) Further information: For more information refer to the Public Procurement and Disposals Act 2015 and its Regulations available from the Website [www.ppra.go.ke](http://www.ppra.go.ke) or email [complaints@ppra.go.ke](mailto:complaints@ppra.go.ke).

You should read these documents before preparing and submitting your complaint.

- e) There are four essential requirements:
  - i) You must be an 'interested party'. In this case, that means a Tenderer who submitted a Tender in this tendering process, and is the recipient of a Notification of Intention to Award.
  - ii) The complaint can only challenge the decision to award the contract.
  - iii) You must submit the complaint within the period stated above.
  - iv) You must include, in your complaint, all of the information required to support your complaint.

**7. Standstill Period**

- i) DEADLINE: The Standstill Period is due to end at midnight on [*insert date*] (local time).
- ii) The Standstill Period lasts ten (14) Days after the date of transmission of this Notification of Intention to Award.
- iii) The Standstill Period may be extended as stated in paragraph Section 5 (d) above.

If you have any questions regarding this Notification please do not hesitate to contact us.

On behalf of the Employer:

**Signature:** \_\_\_\_\_

**Name:** \_\_\_\_\_

**Title/position:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**FORM NO 2: NOTIFICATION OF AWARD - LETTER OF ACCEPTANCE**

*[letterhead paper of the Employer]*

\_\_\_\_\_ *[date]*

To \_\_\_\_\_ *[name and address of the Contractor]*

This is to notify you that your Tender dated \_\_\_\_\_ *[date]* for execution of the \_\_\_\_\_ *[name of the Contract and identification number, as given in the Contract Data]* for the Accepted Contract Amount \_\_\_\_\_ *[amount in numbers and words] [name of currency]*, as corrected and modified in accordance with the Instructions to Tenderers, is hereby accepted by \_\_\_\_\_ *(name of Employer)*.

You are requested to furnish the Performance Security within 30 days in accordance with the Conditions of Contract, using, for that purpose, one of the Performance Security Forms included in Section VIII, Contract Forms, of the Tender Document.

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Employer: \_\_\_\_\_

Attachment: *Contract Agreement*: \_\_\_\_\_

**NOTIFICATION OF AWARD - LETTER OF ACCEPTANCE**

*[use letterhead paper of the Procuring Entity]*

\_\_\_\_\_ *[date]*

To: \_\_\_\_\_ *[name and address of the Supplier]*

Subject: \_\_\_\_\_ *Notification of Award Contract No. . . . . .*

This is to notify you that your Tender dated \_\_\_\_\_ *[insert date]* for execution of the \_\_\_\_\_ *[insert name of the contract and identification number, as given in the SCC]* for the Accepted Contract Amount of \_\_\_\_\_ *[insert amount in numbers and words and name of currency]*, as corrected and modified in accordance with the Instructions to tenderers is hereby accepted by our Agency.

You are requested to furnish the Performance Security within 30 days in accordance with the Conditions of Contract, using for that purpose the of the Performance Security Form included in Section X, Contract Forms, of the Tendering document.

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Agency: \_\_\_\_\_

**Attachment: Contract Agreement**

## FORM NO 3 - CONTRACT AGREEMENT

*[The successful tenderer shall fill in this form in accordance with the instructions indicated]*

THIS AGREEMENT made the \_\_\_\_\_ *[insert: number]* day of \_\_\_\_\_ *[insert: month]*, *[insert: year]*. BETWEEN (1) \_\_\_\_\_ *[insert complete name of Procuring Entity]* and having its principal place of business at *[insert: address of Procuring Entity]* (hereinafter called "Procuring Entity"), of the one part; and (2) \_\_\_\_\_ *[insert name of Supplier]*, a corporation incorporated under the laws of *[insert: country of Supplier]* and having its principal place of business at \_\_\_\_\_ *[insert: address of Supplier]* (hereinafter called "the Supplier"), of the other part.

3. WHEREAS the Procuring Entity invited Tenders for certain Goods and ancillary services, viz., \_\_\_\_\_ *[insert brief description of Goods and Services]* and has accepted a Tender by the Supplier for the supply of those Goods and Services, the Procuring Entity and the Supplier agree as follows:

- i) In this Agreement words and expressions shall have the same meanings as are \_\_\_\_\_ respectively assigned to them in the Contract documents referred to.
- ii) The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other contract documents.
  - a) the Letter of Acceptance
  - b) the Letter of Tender
  - c) the Addenda Nos. \_\_\_\_\_ (if any)
  - d) Special Conditions of Contract
  - e) General Conditions of Contract
  - f) the Specification (including Schedule of Requirements and Technical Specifications)
  - g) the completed Schedules (including Price Schedules)
  - h) any other document listed in GCC as forming part of the Contract
- iii) In consideration of the payments to be made by the Procuring Entity to the Supplier as specified in this Agreement, the Supplier hereby covenants with the Procuring Entity to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Procuring Entity hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

5. IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Kenya on the day, month and year indicated above.

### **For and on behalf of the Procuring Entity**

Signed: \_\_\_\_\_ *[insert signature]*

in the capacity of \_\_\_\_\_ *[insert title or other appropriate*

*designation]* In the presence of \_\_\_\_\_ *[insert identification of official witness]*

### **For and on behalf of the Supplier**

Signed: \_\_\_\_\_ *[insert signature of authorized representative(s) of the*

*Supplier]* in the capacity of \_\_\_\_\_ *[insert title or other appropriate*

*designation]* in the presence of \_\_\_\_\_ *[insert identification of official witness]*

**FORM NO. 4 - PERFORMANCE SECURITY [Option 1 - Unconditional Demand Bank Guarantee]**

*[Guarantor letterhead]*

**Beneficiary:** \_\_\_\_\_ *[insert name and Address of*

*Employer]* **Date:** \_\_\_\_\_ *[Insert date of issue]*

**Guarantor:** \_\_\_\_\_ *[Insert name and address of place of issue, unless indicated in the letterhead]*

1. We have been informed that \_\_\_\_\_ (hereinafter called "the Contractor") has entered into Contract No. \_\_\_\_\_ dated \_\_\_\_\_ with (name of Employer) \_\_\_\_\_ (the Employer as the Beneficiary), for the execution of \_\_\_\_\_ (hereinafter called "the Contract").
2. Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.
3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ (*in words*),<sup>1</sup> such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.
4. This guarantee shall expire, no later than the .... Day of ....., 2.....<sup>2</sup>, and any demand for payment under it must be received by us at the office indicated above on or before that date.
5. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed *[six months]* *[one year]*, in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

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*[Name of Authorized Official, signature(s) and seals/stamps]*

**Note:** *All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.*

**FORM No. 5 - PERFORMANCE SECURITY [Option 2- Performance Bond]**

*[Note: Procuring Entities are advised to use Performance Security – Unconditional Demand Bank Guarantee instead of Performance Bond due to difficulties involved in calling Bond holder to action]*

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** \_\_\_\_\_ *[insert name and Address of*

*Employer]* **Date:** \_\_\_\_\_ *[Insert date of issue]*

**PERFORMANCE BOND No.:** \_\_\_\_\_

**Guarantor:** \_\_\_\_\_ *[Insert name and address of place of issue, unless indicated in the letterhead]*

1. By this Bond \_\_\_\_\_ as Principal (hereinafter called “the Contractor”) and \_\_\_\_\_] as Surety (hereinafter called “the Surety”), are held and firmly bound unto \_\_\_\_\_] as Obligees (hereinafter called “the Employer”) in the amount of \_\_\_\_\_ for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Contractor and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.
2. WHEREAS the Contractor has entered into a written Agreement with the Employer dated the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, for \_\_\_\_\_ in accordance with the documents, plans, specifications, and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.
3. NOW, THEREFORE, the Condition of this Obligation is such that, if the Contractor shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Contractor shall be, and declared by the Employer to be, in default under the Contract, the Employer having performed the Employer's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:
  - 1) complete the Contract in accordance with its terms and conditions; or
  - 2) obtain a tender or tenders from qualified tenderers for submission to the Employer for completing the Contract in accordance with its terms and conditions, and upon determination by the Employer and the Surety of the lowest responsive Tenderers, arrange for a Contract between such Tenderer, and Employer and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the Balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term “Balance of the Contract Price,” as used in this paragraph, shall mean the total amount payable by Employer to Contractor under the Contract, less the amount properly paid by Employer to Contractor; or
  - 3) pay the Employer the amount required by Employer to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.
4. The Surety shall not be liable for a greater sum than the specified penalty of this Bond.
5. Any suit under this Bond must be instituted before the expiration of one year from the date of the issuing of the Taking-Over Certificate. No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Employer named herein or the heirs, executors, administrators, successors, and assigns of the Employer.
6. In testimony whereof, the Contractor has hereunto set his hand and affixed his seal, and the Surety has caused these presents to be sealed with his corporate seal duly attested by the signature of his legal representative, this day \_\_\_\_\_ of \_\_\_\_\_ 20\_\_\_\_\_.

SIGNED ON \_\_\_\_\_ on behalf of By \_\_\_\_\_ in the capacity of In the presence  
of

SIGNED ON \_\_\_\_\_ on behalf of

By \_\_\_\_\_ in the capacity

of In the presence of

**FORM NO. 6 - ADVANCE PAYMENT SECURITY [Demand Bank Guarantee]**

*[Guarantor letterhead]*

**Beneficiary:** \_\_\_\_\_ *[Insert name and Address of Employer]* **Date:** \_\_\_\_\_ *[Insert date of issue]*

**ADVANCE PAYMENT GUARANTEE No.:** \_\_\_\_\_ *[Insert guarantee reference number]* **Guarantor:** \_\_\_\_\_ *[Insert name and address of place of issue, unless indicated in the letterhead]*

1. We have been informed that \_\_\_\_\_ (hereinafter called "the Contractor") has entered into Contract No. \_\_\_\_\_ dated \_\_\_\_\_ with the Beneficiary, for the execution of \_\_\_\_\_ (hereinafter called "the Contract").
2. Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum \_\_\_\_\_ (in words) is to be made against an advance payment guarantee.
3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ (in words) upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:
  - a) has used the advance payment for purposes other than the costs of mobilization in respect of the goods; or
  - b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.
4. A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Contractor on its account number \_\_\_\_\_ at \_\_\_\_\_
5. The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Contractor as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, less provisional sums, has been certified for payment, or on the \_\_\_\_\_ day of \_\_\_\_\_, 2\_\_\_\_, whichever is earlier.  
Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.
6. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed *[six months]* *[one year]*, in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.

*[Name of Authorized Official, signature(s) and seals/stamps]*

***Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.***

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<sup>1</sup>*The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency of the advance payment as specified in the Contract.*

<sup>2</sup>*Insert the expected expiration date of the Time for Completion. The Employer should note that in the event of an extension of the time for completion of the Contract, the Employer would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee.*