



**KENYA MEDICAL SUPPLIES AUTHORITY  
PO BOX 47715 - 00100  
NAIROBI**

**TENDER NO.: KEMSA/ONT4/2019-2020**

**FOR**

**THE PROPOSED COMPLETION WORKS TO THE  
EXISTING MOMBASA WAREHOUSE**

**ISSUED BY:**

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**APRIL, 2020**

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## **SECTION I: INVITATION FOR TENDER**

**Tender No. KEMSA/ONT4/2019-2020**

**For**

**Proposed Completion Works to the existing Mombasa warehouse**

**Date: 7<sup>th</sup> April, 2020**

The Kenya Medical Supplies Authority (KEMSA) has set aside funds for use in the Proposed completion works to the existing Mombasa warehouse.

It is intended that part of the proceeds of the funds will be used to cover eligible payments under contracts for Proposed completion works to the existing Mombasa warehouse.

KEMSA now invites sealed bids from eligible Suppliers for the proposed completion works to the existing Kisumu warehouse.

1. Bidding will be conducted through the procedures specified in the Public Procurement and Asset Disposal Act (PPADA) 2015 and is open to all bidders.
2. Interested eligible Bidders may obtain further information and inspect the Bidding Documents at the Procurement office situated at:

Kenya Medical Supplies Authority,

Commercial Street

P.O Box 47715-00100, Nairobi

Tel No: 254 20 3922000/ 0719033000/ 0733606600

Fax No: 254 20 3922400

Email: [procure@kemsaco.ke](mailto:procure@kemsaco.ke)

On normal working days on Monday to Friday between 0900hrs and 1600hrs except on Public Holidays or download at the PPIP Portal: [tenders.go.ke](http://tenders.go.ke) or KEMSA website <http://www.kemsaco.ke/tenders/>. Documents downloaded are free of charge and bidders are advised to register at the Procurement Office or via email at [procure@kemsaco.ke](mailto:procure@kemsaco.ke). (Refer to registration form in the tender document).

3. A complete set of Bidding Document(s) in English (hardcopy) may be purchased by eligible Bidders upon payment of a non-refundable fee of Kenya Shillings 1,000 (One Thousand Kenya Shillings.) The method of payment is (i) cash or by banker's cheque payable to "Kenya Medical Supplies Authority" and ii) By direct deposit to the following account;

***Kenya Shillings Account***

***Account Name: Kenya Medical Supplies Authority***

***Bank Name and Branch: National Bank of Kenya, Harambee Avenue***

***Account Number: 01003-009125-00***

4. Completed serialized/paginated bidding documents shall be submitted accompanied with a signed declaration of the number of pages. The documents will be an original and a copy in plain sealed envelopes clearly marked on top with the Tender Number and description and accompanied by a Bid security of an amount of **KES 826,497.00 (Kenya Shillings Eight Hundred and Twenty-Six Thousand, Four Hundred and Ninety-Seven Only)** or equivalent in a freely convertible currency from Commercial Banks or Insurance Companies (Approved by Public Procurement Regulatory Authority) and should be addressed to:

The Chief Executive Officer  
Kenya Medical Supplies Authority  
Commercial Street  
P.O Box 47715-00100  
Nairobi

And must be deposited in the Tender Box No. 1 marked GOK/ World Bank at the Reception on the Ground Floor KEMSA's Commercial Street Office in Nairobi on or before **Wednesday, 22nd April 2020**. Bulky tenders can be handed over to KEMSA **Procurement Director's** office for registration and safe keeping till the tender opening date.

5. Bids will be opened promptly in public and in the presence of Bidders' and/ or representatives who choose to attend in the opening at **KEMSA bids' opening conference Hall at 10.00 a.m Local time on Wednesday, 22<sup>nd</sup> April 2020**.

Late bids, portion of bids, Bids not received, bids not opened and not readout in public at the bid open ceremony shall not be accepted for evaluation irrespective of circumstances.

**REGISTRATION FORM FOR ONLINE BIDDERS**

Tender No. **KEMSA/ONT4/2019-2020 Proposed completion works to the existing Mombasa warehouse**

NOTE: Please provide your details below for purposes of communication in case you download this tender document from PPIP Portal or KEMSA website.

Name of the firm:.....

Postal Address :.....

Telephone Contacts:.....

Company email address:.....

Contact Person:.....

Once completed please submit this form to the email below;

**[procure@kemsaco.ke](mailto:procure@kemsaco.ke)**

## SECTION II: INSTRUCTIONS TO TENDERERS (ITT)

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## A. Introduction

- 1. Scope of Tender**
  - 1.1** The Procuring Entity indicated in the **Tender Data Sheet (TDS)** invites Tenders for the construction of works as specified in the **Tender Data Sheet** and Sections VI (Technical Specifications) and VII (Drawings).
  - 1.2** The successful Tenderer will be expected to complete the works by the required completion date specified in the **Tender Data Sheet**.
  - 1.3** The objectives of the works are listed in the **Tender Data Sheet**. These are mandatory requirements. Any subsequent detail is offered to support these objectives and must not be used to dilute their importance.
  
- 2. Source of Funds**
  - 2.1** The Government of Kenya has set aside funds for the use of the Procuring Entity named in the **Tender Data Sheet** during the Financial Year indicated in the **Tender Data Sheet**. It is intended that part of the proceeds of the funds will be applied to cover eligible payments under the contract for the works as described in the **Tender Data Sheet**.

**Or**

The Government of Kenya through Procuring Entity named in the **Tender Data Sheet** has applied for/received/ intends to apply for a [loan/credit/grant] from the financing institution named in the **Tender Data Sheet** towards the cost of the Project named in the **Tender Data Sheet**. The Government of Kenya intends to apply a part of the proceeds of this [loan/credit/grant] to payments under the Contract described in the **Tender Data Sheet**.

  - 2.2** Payments will be made directly by the Procuring Entity (or by financing institution specified in the **Tender Data Sheet** upon request of the Procuring Entity to so pay) and will be subject in all respects to the terms and conditions of the resulting contract placed by the Procuring Entity.
  
- 3. Eligible Tenderers**
  - 3.1** A Tenderer may be a natural person, private or public company, government-owned institution, subject to sub-Clause 3.4 or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a joint venture, consortium, or association. In the case of a joint venture, consortium, or association, unless otherwise specified in the **Tender Data Sheet**, all parties shall be jointly and severally liable.
  - 3.2** The Invitation for Tenders is open to all suppliers as defined in the Public Procurement and Asset Disposal Act, 2015 and the Public Procurement and Disposal Regulations, 2006 except as provided hereinafter.
  - 3.3** National Tenderers shall satisfy all relevant licensing and/or registration with the appropriate statutory bodies in Kenya, such



as the National Construction Authority or the Energy Regulatory Commission.

- 3.4** A Tenderer shall not have a conflict of interest. All Tenderers found to have a conflict of interest shall be disqualified. A Tenderer may be considered to have a conflict of interest with one or more parties in this Tendering process, if they:
- a) Are associated or have been associated in the past directly or indirectly with employees or agents of the Procuring Entity or a member of a board or committee of the Procuring Entity;
  - b) Are 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 works under this Invitation for Tenders;
  - c) Have controlling shareholders in common; or
  - d) Receive or have received any direct or indirect subsidy from any of them; or
  - e) Have the same legal representative for purposes of this Tender; or
  - f) Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Tender of another Tenderer, or influence the decisions of the Procuring Entity regarding this Tendering process; or
  - g) Submit more than one Tender in this Tendering process, However, this does not limit the participation of subcontractors in more than one Tender, or as Tenderer and subcontractor simultaneously.
- 3.5** A Tenderer will be considered to have a conflict of interest if they participated as a consultant in the preparation of the design or technical specification of the project and related services that are the subject of the Tender.
- 3.6** Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Kenya in accordance with GCC sub-Clause 3.2.
- 3.7** Government owned enterprises in Kenya may participate only if they are legally and financially autonomous, if they operate under commercial law, are registered by the relevant registration board or authorities and if they are not a dependent agency of the Government.
- 3.7** Tenderers shall provide such evidence of their continued eligibility satisfactory to the Procuring Entity, as the Procuring Entity shall reasonably request.

- 4. One Tender per Tenderer**
- 4.1** A firm shall submit only one Tender, in the same Tendering process, either individually as a Tenderer or as a partner in a joint venture pursuant to ITT Clause 5.
- 4.2** No firm can be a subcontractor while submitting a Tender individually or as a partner of a joint venture in the same Tendering process.
- 4.3** A firm, if acting in the capacity of subcontractor in any Tender, may participate in more than one Tender but only in that capacity.
- 4.4** A Tenderer who submits or participates in more than one Tender (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the Tenders in which the Tenderer has participated to be disqualified.
- 5. Alternative Tenders by Tenderers**
- 5.1** Tenderers shall submit offers that comply with the requirements of the Tendering documents, including the basic Tenderer's technical design as indicated in the specifications and Drawings and Bill of Quantities. Alternatives will not be considered, unless specifically allowed for in the **Tender Data Sheet**. If so allowed, sub-Clause 5.2 and 5.3 shall govern.
- 5.2** When alternative times for completion are explicitly invited, a statement to that effect will be included in the **Tender Data Sheet** as will the method of evaluating different times for completion.
- 5.3** If so allowed in the **Tender Data Sheet**, Tenderers wishing to offer technical alternatives to the requirements of the Tendering documents must also submit a Tender that complies with the requirements of the Tendering documents, including the basic technical design as indicated in the specifications. In addition to submitting the basic Tender, the Tenderer shall provide all information necessary for a complete evaluation of the alternative by the Procuring Entity, including technical specifications, breakdown of prices, and other relevant details. Only the technical alternatives, if any, of the lowest evaluated Tenderer conforming to the basic technical requirements shall be considered by the Procuring Entity.
- 6. Cost of Tendering**
- 6.1** The Tenderer shall bear all costs associated with the preparation and submission of its Tender, and the Procuring Entity shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.
- 7. Site Visit and Pre-Tender Meeting**
- 7.1** The Tenderer, at the Tenderer's own responsibility and risk, is advised to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Tender and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Tenderer's own expense.
- 7.2** The Procuring Entity may conduct a site visit and a pre-Tender

meeting. The purpose of the pre-Tender meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

- 7.3 The Tenderer's designated representative is invited to attend a site visit and pre-Tender meeting which, if convened, will take place at the venue and time stipulated in the **Tender Data Sheet**.
- 7.4 The Tenderer is requested as far as possible, to submit any questions in writing or by electronic means to reach the procuring Entity before the pre-Tender meeting. It may not be practicable at the meeting to answer all questions, but questions and responses will be transmitted in accordance with sub-Clause 7.5.
- 7.5 Minutes of the pre-Tender meeting, including the text of the questions raised and the responses given together with any responses prepared after the pre-Tender meeting will be transmitted within the time stated in the **Tender Data Sheet** to all purchasers of the Tendering documents. Any modification of the Tendering documents listed in sub-Clause 8.1 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 sub Clause 10.2 and not through the minutes of the pre-Tender meeting.
- 7.6 Non-attendance during the site visit or pre-Tender meeting will not be a cause for disqualification of a Tenderer unless specified to the contrary in the **Tender Data Sheet**.

## **B. Tendering Documents**

### **8. Content of Tendering Documents**

- 8.1 The works required, Tendering procedures, and contract terms are prescribed in the Tendering Documents. In addition to the Section I Invitation for Tenders, Tendering documents which should be read in conjunction with any addenda issued in accordance with ITT sub Clause 10.2 include:

|              |   |
|--------------|---|
| Section II   | Instructions to Tenderers   |
| Section III  | Tender Data Sheet   |
| Section IV   | General Conditions of Contract  |
| Section V    | Contract Data Sheet   |
| Section VI   | Specifications  |
| Section VII  | Drawings  |
| Section VIII | Bill of Quantities  |
| Section IX   | Forms of Tender   |
|              | <ul style="list-style-type: none"><li>• Form of Tender</li><li>• Appendix to Tender</li><li>• Confidential Business Questionnaire</li><li>• Integrity Declaration</li><li>• Letter of Acceptance</li><li>• Form of Contract Agreement</li></ul> |
| Section X    | Forms of Security   |
|              | <ul style="list-style-type: none"><li>• Tender Security Form</li><li>• Tender Securing Declaration</li></ul>  |

- Performance Bank or Insurance Guarantee
- Advance Payment Guarantee

Section XI Form RB 1 Application to Public Procurement  
Administrative Review Board

- 8.2** The number of copies to be completed and returned with the Tender is specified in the **Tender Data Sheet**.
- 8.3** The Invitation for Tenders (Section I) issued by the Procuring Entity is not part of the Tendering Documents and is included for reference purposes only. In case of discrepancies between the Invitation for Tenders and the Tendering Documents listed in sub-Clause 8.1 above, the said Tendering Documents will take precedence.
- 8.4** The Procuring Entity is not responsible for the completeness of the Tendering Documents and their addenda, if they were not obtained directly from the authorized staff of the Procuring Entity.
- 8.5** The Tenderer is expected to examine all instructions, forms, terms and specifications in the Tendering documents. Failure to furnish all information required by the Tendering Documents or to submit a Tender substantially responsive to the Tendering documents in every respect will be at the Tenderer's risk and may result in the rejection of its Tender.

**9. Clarification of Tendering Documents**

- 9.1** A prospective Tenderer requiring any clarification of the Tendering documents may notify the Procuring Entity in writing, e-mail or facsimile at the Procuring Entity's address indicated in the **Tender Data Sheet**.
- 9.2** The Procuring Entity will within the period stated in the **Tender Data Sheet** respond in writing to any request for clarification provided that such request is received no later than the period indicated in the **Tender Data Sheet** prior to the deadline for the submission of Tenders prescribed in sub-Clause 22.1.
- 9.3** Copies of the procuring entity's response will be forwarded to all Purchasers of the Tendering documents, including a description of the inquiry, but without identifying its source.
- 9.4** Should the Procuring Entity deem it necessary to amend the Tendering documents as a result of a clarification, it shall do so following the procedure under ITT Clause 10.

**10. Amendments of the Tendering Documents**

- 10.1** Before the deadline for submission of Tenders, the Procuring Entity may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Tenderer, modify the Tendering documents by issuing addenda.
- 10.2** Any addendum issued shall be part of the Tender documents pursuant to sub-Clause 8.1 and shall be communicated in writing, by e-mail or facsimile to all who have obtained the

Tendering documents directly from the Procuring Entity.

- 10.3** In order to allow prospective Tenderers reasonable time in which to take an addendum into account in preparing their Tenders, the Procuring Entity at its discretion shall extend, as necessary, the deadline for submission of Tenders, in accordance with sub-Clause 22.2

### **C. Preparation of Tenders**

#### **11. Language of Tender**

- 11.1** The Tender, and all correspondence and documents related to the Tender exchanged by the Tenderer and the Procuring Entity shall be written in the Tender language stipulated in the **Tender Data Sheet**. Supporting documents and printed literature furnished by the Tenderer may be in another language provided they are accompanied by an accurate translation of the relevant passages in the above stated language, in which case, for purposes of interpretation of the Tender, the translation shall prevail.

#### **12. Documents Constituting the Tender**

- 12.1** The Tender submitted by the Tenderer shall consist of the following components:
- a) The Form of Tender (in the format indicated in Section IX) completed in accordance with ITT Clause 15, 16 and 17;
  - b) Information requested by Instructions to Tenderers ITT sub-Clause 13.2; 13.3 and 13.4;
  - c) Tender Security or Tender Securing Declaration in accordance with Instructions to Tenderers ITT Clause 19;
  - d) Priced Bill of Quantities;
  - e) Qualification Information Form and Documents;
  - f) Alternative offers where invited in accordance with Instructions to Tenderers ITT Clause 5;
  - g) Written confirmation authorizing the signatory of the Tender to commit the Tenderer in accordance with Instructions to Tenderers ITT sub Clause 19.2; and
  - h) And any information or other materials required to be completed and submitted by Tenderers, as specified in the **Tender Data Sheet**.

#### **13. Documents Establishing Eligibility and Qualifications of**

- 13.1** Pursuant to ITT Clause 13, the Tenderer shall furnish, as part of its Tender, documents establishing the Tenderer's eligibility to Tender and its qualifications to perform the contract if its Tender is accepted.

**the Tenderer**

- 13.2** In the event that pre-qualification of potential Tenderers has been undertaken, only Tenders from pre-qualified Tenderers will be considered for award of contract. These qualified Tenderers should submit their Tenders with any information updating the original pre-qualification applications or, alternatively, confirm in their Tenders that the originally submitted pre-qualification information remains essentially correct as of the date of Tender submission. The update or confirmation should be provided in Section IX.
- 13.3** If the Procuring Entity has not undertaken pre-qualification of potential Tenderers, to qualify for award of the contract, Tenderers shall meet the minimum qualifying criteria specified in the **Tender Data Sheet**:
- 13.4** Tenders submitted by a joint venture of two or more firms as partners shall comply with the following requirements, unless otherwise stated in the **Tender Data Sheet**:
- a) The Tender shall include all the information listed in the **Tender Data Sheet** pursuant to sub-Clause 13.3 above for each joint venture partner;
  - b) The Tender shall be signed so as to be legally binding on all partners;
  - c) One of the partners will be nominated as being in charge, and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners;
  - d) The partner in charge shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of a joint venture and the entire execution of the Contract, including payment, shall be done exclusively with the partner in charge;
  - e) All partners of the joint venture shall be liable jointly and severally for the execution of the contract in accordance with the contract terms and a statement to this effect shall be included in the authorization mentioned under (c) above as well as in the Tender and in the Agreement (in case of a successful Tender); and
  - f) A copy of the joint venture agreement entered into by all partner shall be submitted with the Tender. Alternatively, a Letter of Intent to execute a joint venture agreement in the event of a successful Tender shall be signed by all partners and submitted with the Tender, together with a copy of the proposed Agreement.
  - g) The Tender Security and Tender Securing Declaration as stated in accordance with ITT Clause 19, and in

case of a successful Tender, the Agreement, shall be signed so as to be legally binding on all partners.

- 14. Lots Package**
- 14.1** When Tendering for more than one contract under the lots arrangements, the Tenderer must provide evidence that it meets or exceeds the sum of all the individual requirements for the lots being tendered in regard to:
- a) Average annual turnover;
  - b) Particular experience including key production rates;
  - c) Financial means, etc;
  - d) Personnel capabilities; and
  - e) Equipment capabilities.
- 14.2** In case the Tenderer fail to fully meet any of these criteria, it may be qualified only for those lots for which the Tenderer meets the above requirement.
- 15. Form of Tender**
- 15.1** The Tenderer shall fill the Form of Tender furnished in the Tendering Documents. The Form of Tender must be completed without any alterations to its format and no substitute shall be accepted.
- 16. Tender Prices**
- 16.1** The Contract shall be for the whole Works, as described in sub-Clause 1.1, based on the priced Bill of Quantities submitted by the Tenderer.
- 16.2** The Tenderer shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items for which no rate or price is entered by the Tenderer will not be paid for by the Procuring Entity when executed and shall be deemed covered by the other rates and prices in the Bill of quantities.
- 16.3** All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 15 days prior to the deadline for submission of Tenders, shall be included in the rates, prices and total Tender price submitted by the Tenderer.
- 16.4** The rates and prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract if provided for in the **Tender Data Sheet** and the provisions of the Conditions of Contract. The Tenderer shall submit with the Tender all the information required under the **Contract Data Sheet**.
- 17. Tender Currencies**
- 17.1** The unit rates and prices shall be quoted by the Tenderer in the currency as specified in the **Tender Data Sheet**.
- 17.2** Tenderers shall indicate details of their expected foreign currency requirements in the Tender, if any. The rates of exchange to be used by the Tenderers in arriving at the local currency equivalent shall be the selling rates for similar transactions established by the authority specified in the **Tender Data Sheet** prevailing on the date 28 days

prior to the latest deadline for submission of Tenders. These exchange rates shall apply for all payments so that no exchange risk will be borne by the Tenderer. In any case, payments will be computed using the rates quoted in the Tender.

**17.3** Tenderers may be required by the Procuring Entity to clarify their foreign currency requirements and to substantiate that the amounts included in the rates and prices and in the Contract Data Sheet are reasonable and responsive to sub-Clause 17.1.

## **18. Tender Validity Period**

**18.1** Tenders shall remain valid for the period specified in the **Tender Data Sheet** after the Tender submission deadline prescribed by the Procuring Entity, pursuant to ITT Clause 22. A Tender valid for a shorter period shall be rejected by the Procuring Entity as non-responsive.

**18.2** In exceptional circumstances, prior to expiry of the original Tender validity period, the Procuring Entity may request that the Tenderers extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made in writing or by cable. A Tenderer may refuse the request without forfeiting its Tender Security or causing to be executed its Tender Securing declaration. A Tenderer agreeing to the request will not be required or permitted to otherwise modify the Tender, but will be required to extend the validity of its Tender Security or Tender Securing declaration for the period of the extension, and in compliance with ITT Clause 19 in all respects.

**18.3** In the case of fixed price contracts, if the award is delayed by a period exceeding sixty (60) days beyond the expiry of the initial Tender validity period, the contract price will be increased by a factor specified in the request for extension. The Tender evaluation shall be based on the Tender price without taking into consideration on the above correction.

## **19. Tender Security and Tender Securing Declaration**

**19.1** Pursuant to ITT Clause 12, where required in the **Tender Data Sheet**, the Tenderer shall furnish as part of its Tender, a Tender Security in original form and in the amount and currency specified in the **Tender Data Sheet**. A Tender Securing Declaration as specified in the **Tender Data Sheet** in the format provided in section X shall be provided as a mandatory requirement.

**19.2** The Tender Security or Tender Securing Declaration is required to protect the Procuring Entity against the risk of Tenderer's conduct which would warrant the security's forfeiture, pursuant to ITT sub-Clause 19.9.

**19.3** The Tender Security shall be denominated in the currency of the Tender and shall be in one of the following forms:



- a) Cash;
  - b) A Bank Guarantee;
  - c) An Insurance Bond issued by an insurance firm approved by the PPRA located in Kenya;
  - d) An irrevocable letter of credit issued by a reputable bank.
- 19.4** The Tender Security shall be in accordance with the Form of the Tender Security included in Section X or another form approved by the Procuring Entity prior to the Tender submission.
- 19.5** The Tender Security shall be payable promptly upon written demand by the Procuring Entity in case any of the conditions listed in sub-Clause 19.8 are invoked.
- 19.6** Any Tender not accompanied by a Tender Security in accordance with sub-Clauses 19.1 or 19.3 shall be rejected by the Procuring Entity as non-responsive, pursuant to ITT Clause 28.
- 19.7** The Procuring Entity shall immediately release any Tender Security if:
- a) The procuring proceedings are terminated;
  - b) The Procuring Entity determines that none of the submitted Tenders is responsive;
  - c) A contract for the procurement is entered into.
- 19.8** The Tender Security shall be forfeited and the Tender Securing Declaration executed if the Tenderer:
- a) Withdraws its Tender after the deadline for submitting Tenders but before the expiry of the period during which Tenders must remain valid;
  - b) Rejects a correction of an arithmetic error pursuant to sub-Clause 29.2;
  - c) Refuse to enter into a written contract in accordance with ITT Clause 40;
  - d) Fails to furnish the Performance Security in accordance with ITT Clause 41.
- 19.9** The Tender Security and Tender Securing Declaration of a joint venture must be in the name of the joint venture submitting the Tender.
- 19.10** A Tenderer shall be suspended from being eligible for Tendering in any contract with the Procuring Entity for

the period of time indicated in the Tender Securing Declaration:

- a) If the Tenderer withdraws its Tender, except as provided in ITT sub-Clauses 18.2 and 29.2; or
- b) In the case of a successful Tenderer, if the Tenderer fails within the specified time limit to:
  - (i) Sign the contract; or
  - (ii) Furnish the required Performance Security.

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

- 20.1** The Tenderer shall prepare one original of the documents comprising the Tender as described in ITT Clause 12 of these Instructions to Tenderers, with the Form of Tender, and clearly marked “**ORIGINAL**”. In addition, the Tenderer shall submit copies of the Tender, in the number specified in the **Tender Data Sheet**, and clearly marked as “**COPIES**”. In the event of discrepancy between them, the original shall prevail.
- 20.2** The original and all copies of the Tenders shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Tenderer. This authorization shall consist of a written confirmation as specified in the **Tender Data Sheet** 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, except for un-amended printed literature, shall be initialed by the person or persons signing the Tender.
- 20.3** Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the Tender.
- 20.4** The Tenderer shall furnish information as described in the Form of Tender on commissions or gratuities, if any, paid or to be paid to agents relating to this Tender and to contract execution if the Tenderer is awarded the contract

## **D. Submission of Tenders**

## **21. Sealing and Marking of Tenders**

- 21.1** The Tenderer shall seal the original and each copy of the Tender in separate envelopes, duly marking the envelopes as “**ORIGINAL**” and “**COPY**”. The envelopes shall then be sealed in an outer envelope securely sealed in such a manner that opening and resealing cannot be achieved undetected.
- 21.2** The inner and outer envelopes shall:
  - a) Be addressed to the Procuring Entity at the address given in the **Tender Data Sheet**; and

- b) Bear the Project name indicated in the **Tender Data Sheet**, the Invitation for Tenders (IFB) title and number indicated in the **Tender Data Sheet**, and a statement: **“DO NOT OPEN BEFORE,”** to be completed with the time and the date specified in the **Tender Data Sheet**, pursuant to ITT sub-Clause 22.1.
- 21.3** In addition to the identification required in sub-Clause 21.2, the inner envelopes shall also indicate the name and address of the Tenderer to enable the Tender be returned unopened in case it is declared late, pursuant to sub-Clause 22.1 and for matching purpose under ITT Clause 23
- 21.4** If the outer envelope is not sealed and marked as required by ITT sub clause 21.2, the Procuring Entity shall assume no responsibility for misplacement or premature opening of the Tender.
- 22. Deadline for Submission of Tenders**
- 22.1** Tenders shall be received by the Procuring Entity at the address specified under ITT sub-Clause 21.2 no later than the date and time specified in the **Tender Data Sheet**.
- 22.2** The Procuring Entity may, in exceptional circumstances and at its discretion, extend the deadline for the submission of Tenders by amending the Tendering documents in accordance with ITT Clause 9, in which case all rights and obligations of the Procuring Entity and Tenderers previously subject to the deadline will thereafter be subject to the new deadline.
- 22.3** The extension of the deadline for submission of Tenders shall not be made later than the period specified in the **Tender Data Sheet** before the expiry of the original deadline.
- 23. Late Tenders**
- 23.1** The Procuring Entity shall not consider for evaluation any Tender that arrives after the deadline for submission of Tenders, in accordance with ITT Clause 22.
- 23.2** 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
- 24. Modification, Substitution and Withdrawal of Tenders**
- 24.1** A Tenderer may modify or substitute or withdraw its Tender after it has been submitted, provided that written notice of the modification, including substitution or withdrawal of the Tender, is received by the Procuring Entity prior to the deadline prescribed for submission of Tenders prescribed under ITT sub-Clause 22.1.
- 24.2** The Tenderer’s modification or substitution or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITT Clauses 20 and 21 with the outer and inner envelopes additionally marked **“MODIFICATION”** or **SUBSTITUTION** or

“**WITHDRAWAL**” as appropriate. The notice may also be sent by electronic mail and facsimile, but followed by a signed confirmation copy, postmarked not later than the deadline for submission of Tenders.

- 24.3 No Tender may be withdrawn, replaced 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 Tender Form. Withdrawal of a Tender during this interval shall result in the Tenderer’s forfeiture of its Tender Security or execution of Tender Securing Declaration, pursuant to the ITT sub-Clause 19.9.
- 24.4 Withdrawal of a Tender between the deadline for submission of Tenders and the expiration of the period of Tender validity specified in the **Tender Data Sheet** or as extended pursuant to sub-Clause 22.2 shall result in the forfeiture of the Tender Security and execution of Tender Securing Declaration pursuant to ITT sub-Clause 19.9.
- 24.5 Tenderers may only offer discounts to, or otherwise modify the prices of their Tenders by submitting Tender modifications in accordance with this Clause, or included in the original Tender submission.

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

### **25. Opening of Tenders**

- 25.1 The Procuring Entity will open all Tenders including modifications, substitution or withdraw notices made pursuant to ITT Clause 24, in public, in the presence of Tenderers or their representatives who choose to attend and other parties with legitimate interest and Tender proceedings, at the place on the date and at time specified in the **Tender Data Sheet**. The Tenderers’ representatives who are present shall sign a register as proof of their attendance.
- 25.2 Envelopes marked “**WITHDRAWAL**” shall be opened and read out first. Tenders for which an acceptable notice of withdrawal has been submitted pursuant to ITT Clause 24 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. Subsequently, all envelopes marked “**MODIFICATION**” shall be opened and the submissions therein read out in appropriate detail. Thereafter all envelopes marked or “**SUBSTITUTION**” opened and the submissions therein read out in appropriate detail.
- 25.3 All other envelopes shall be opened one at a time. The Tenderers' names, the Tender prices, the total amount of each Tender and of any alternative Tender (if alternatives have been requested or permitted), any discounts, the presence or absence of Tender security, and such other

details as the appropriate tender opening committee may consider appropriate, will be announced by the Secretary of the Tender Opening Committee at the opening.

- 25.4 Tenders or modifications that are not opened and not read out at Tender opening shall not be considered further for evaluation, irrespective of the circumstances. In particular, any discount offered by a Tenderer which is not read out at Tender opening shall not be considered further.
- 25.5 Tenderers are advised to send in a representative with the knowledge of the content of the Tender who shall verify the information read out from the submitted documents. Failure to send a representative or to point out any un-read information by the sent Tenderer's representative shall indemnify the Procuring Entity against any claim or failure to read out the correct information contained in the Tenderer's Tender.
- 25.6 No Tender will be rejected at Tender opening except for late Tenders which will be returned unopened to the Tenderer, pursuant to ITT Clause 23.
- 25.7 The Secretary of the appropriate tender opening committee shall prepare minutes of the Tender opening. The record of the Tender opening shall include, as a minimum: the name of the Tenderers and whether or not there is a withdrawal, substitution or modification, the Tender price per Lot if applicable, including any discounts and alternative offers and the presence or absence of a Tender Security or Tender Securing Declaration.
- 25.8 The Tenderers' representatives who are present shall be requested to sign the record. The omission of a Tenderer's signature on the record shall not invalidate the contents and affect the record.
- 25.9 A copy of the minutes of the Tender opening shall be furnished to individual Tenderers upon request.

## **26. Confidentiality**

- 26.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a Contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced.
- 26.2 Any effort by a Tenderer to influence the Procuring Entity's processing of Tenders or award decisions may result in the rejection of his Tender.
- 26.3 Notwithstanding sub-Clause 26.2, 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.

## **27. Clarification of Tenders**

- 27.1** To assist in the examination, evaluation, comparison of Tenders and post-qualification of the Tenderer, the Procuring Entity may, at its discretion, ask a Tenderer for clarification of its Tender including breakdown of prices. Any clarification submitted by a Tenderer that is not in response to a request by the Procuring Entity shall not be considered.
- 27.2** The request for clarification and the response shall be in writing. No change 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 Tenders in accordance with ITT Clause 29.
- 27.3** 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 Tender it should do so in writing.

## **28. Preliminary Examination of Tenders**

- 28.1** Prior to the detailed evaluation of Tenders, the Procuring Entity will determine whether:
- a) The Tender has been submitted in the required format;
  - b) Any Tender Security submitted is in the required form, amount and validity period;
  - c) The Tender has been signed by the person lawfully authorized to do so;
  - d) The required number of copies of the Tender have been submitted;
  - e) The Tender is valid for the period required;
  - f) All required documents and information have been submitted; and
  - g) Any required samples have been submitted.
- 28.2** The Procuring Entity will confirm that the documents and information specified under ITT Clause 12 and ITT Clause 13 have been provided in the Tender. If any of these documents or information is missing, or is not provided in accordance with the Instructions to Tenderers, the Tender shall be rejected.
- 28.3** The Procuring Entity may waive any minor informality, nonconformity, or irregularity in a Tender which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Tenderer
- 28.4** A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tendering documents, without material deviation or

reservation. A material deviation or reservation is one that:

- a) Affects in any substantial way the scope, quality, or execution of the Works;
- b) Limits in any substantial way, inconsistent with the Tendering documents, the Procuring Entity's rights or the Tenderer's obligations under the Contract; or
- c) If rectified, would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.

**28.5** If a Tender is not substantially responsive, it will be rejected by the Procuring Entity, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

**29. Correction of Errors**

**29.1** Tenders determined to be substantially responsive whose tender sums were submitted and read out during the tender opening shall have the tender sums be absolute and final and shall not be the subject of correction, adjustment or amendment in any way by any person or entity.

**30. Conversion to Single Currency**

**30.1** To facilitate the evaluation and comparison, the Procuring Entity will convert all Tender prices expressed in the amounts in various currencies in which the Tender prices are payable to Kenya Shillings at the selling exchange rate established for similar transactions by the Central Bank of Kenya ruling on the date specified in the **Tender Data Sheet**.

**31. Comparison of Tenders**

**31.1** The Procuring Entity shall evaluate and compare only the Tenders determined to be substantially responsive in accordance with ITT Clause 28.

**31.2** In evaluating the Tenders, the Procuring Entity will determine for each Tender the evaluated Tender price by adjusting the Tender price as follows:  
Making any correction for errors pursuant to ITT Clause 29;  
Excluding provisional sums and the provision, if any for contingencies in the Bill of Quantities, but including Day work, where priced competitively; and  
Making appropriate adjustments to reflect discounts or other price modifications offered in accordance with sub-Clause 24.5.

**31.3** The Procuring Entity may waive any minor informality or non-conformity, which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative standing of any Tenderer. Variations, deviations, and alternative offers and other factors, which are in excess of the requirements of the Tendering

documents or otherwise result in unsolicited benefits for the Procuring Entity will not be taken into account in Tender evaluation.

### **32. National Preference**

- 32.1** In the evaluation of Tenders, the Procuring Entity shall apply exclusive preference to citizens of Kenya where:
- a) The funding is 100% from the Government of Kenya or a Kenyan body;
  - b) The amounts are below the prescribed threshold of KShs.200 million;
- 32.2** To qualify for the preference the candidate shall provide evidence of eligibility by:
- a) Proving Kenyan citizenship by production of a Kenyan Identity Card; or
  - b) Providing proof of being a “citizen contractor” in terms of section 3(1) of the Act, i.e. being a natural person or an incorporated company wholly owned and controlled by persons who are citizens of Kenya.
- 32.3** The Minister of Finance may prescribe additional preference and/or reservation schemes, for example for procurements above these thresholds. If such additional preference schemes apply, details will be given in the **Tender Data Sheet**.

### **33. Determination of the Lowest Evaluated Tender**

- 33.1** The Tender with the lowest evaluated price from among those which are eligible, compliant and substantially responsive shall be the lowest evaluated Tender.

### **34. Post-qualification of Tenderer**

- 34.1** If specified in the **Tender Data Sheet**, post-qualification shall be undertaken.
- 34.2** The Procuring Entity will determine to its satisfaction whether the Tenderer that is selected as having submitted the lowest evaluated responsive Tender is qualified to perform the contract satisfactorily, in accordance with the criteria listed in sub-Clause 13.3.
- 34.3** The determination will take into account the Tenderer’s financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Tenderer’s qualifications submitted by the Tenderer, pursuant to sub-Clause 13.3, as well as such other information as the Procuring Entity deems necessary and appropriate. Factors not included in these Tendering documents shall not be used in the evaluation of the Tenderer’s qualifications.
- 34.4** An affirmative determination will be a prerequisite for award of the contract to the Tenderer. A negative determination will result in rejection of the Tenderer’s Tender, in which event the Procuring Entity will proceed



to the next lowest evaluated Tender to make a similar determination of that Tenderer's capabilities to perform satisfactorily

## **F. Award of Contract**

### **35. Criteria of Award**

**35.1** Subject to ITT Clause 35 and 36, the Procuring Entity will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tendering documents and who has offered the lowest Evaluated Tender Price, provided that such Tenderer has been determined to be:

- a) Eligible in accordance with the provisions of ITT Clause 3;
- b) Is determined to be qualified to perform the Contract satisfactorily;
- c) Successful negotiations have been concluded.

**35.2** If, pursuant to sub-Clause 14.1, this Contract is being awarded on a "lot and package" basis, the lowest evaluated Tender price will be determined when evaluating this Contract in conjunction with other Contracts to be awarded concurrently, taking into account any discounts offered by the Tenderer for award of more than one Contract.

### **36. Clarifications**

**36.1** Clarifications may be undertaken with the lowest evaluated Tenderer relating to the following areas:

- a) A minor alteration to the technical details of the statement of requirements;
- b) Reduction of quantities for budgetary reasons, where the reduction is in excess of any provided for in the Tendering documents;
- c) A minor amendment to the Contract Data Sheet;
- d) Finalizing payment arrangements;
- e) Mobilization arrangements;
- f) Agreeing final delivery or work schedule to accommodate any changes required by the Procuring Entity;
- g) The methodology or staffing; or
- h) Clarifying details that were not apparent or could not be finalized at the time of Tendering.

- 36.2 Clarifications shall not change the substance of the tender.
- 37. Procuring Entity's Right to Accept any Tender and to Reject any or all Tenders**
- 37.1 Notwithstanding ITT Clause 35, the Procuring Entity reserves the right to accept or reject any Tender, and to cancel the Tendering process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers.
- 37.2 Notice of the rejection of all Tenders shall be given promptly within 14 days to all Contractors that have submitted Tenders.
- 37.3 The Procuring Entity shall upon request communicate to any Tenderer the grounds for its rejection of its Tenders, but is not required to justify those grounds.
- 38. Procuring Entities Right to Vary Quantities at the Time of Award**
- 38.1 The Procuring Entity reserves the right at the time of contract award to increase or decrease the quantity of goods or related services originally specified in these Tendering documents (schedule of requirements) provided this does not exceed by the percentage indicated in the **Tender Data Sheet**, without any change in unit price or other terms and conditions of the Tender and Tendering documents.
- 39. Notification of Award**
- 39.1 The Tenderer whose Tender has been accepted will be notified of the award by the Procuring Entity prior to expiration of the Tender validity period by e-mail or facsimile confirmed by registered letter. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") will state the sum that the Procuring Entity will pay the Contractor in consideration of the provision and maintenance of the Work(s) as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").
- 39.2 The notification of award will constitute the formation of the Contract, subject to the Tenderer furnishing the Performance Security in accordance with ITT Clause 41 and signing the Contract in accordance with sub-Clause 40.2
- 39.3 At the same time as the person submitting the successful Tender is notified, the Procuring Entity will notify each unsuccessful Tenderer, the name of the successful Tenderer and the Contract amount and will discharge the Tender Security and Tender Securing Declaration of the Tenderer pursuant to ITT sub Clause 19.7.
- 39.4 If, after notification of award, a Tenderer wishes to

ascertain the grounds on which it's Tender or application for pre-qualification was unsuccessful, it should address its request to the secretary of the Tender Committee that authorized the award of contract. The secretary of the Tender Committee shall, within fourteen days after a request, provide written reasons as to why the Tender, proposal or application to be pre-qualified was unsuccessful. However, failure to take this opportunity to clarify the grounds for rejection does not affect the Tenderer's right to seek immediate review by the Public Procurement Administrative Review Board under Clause 45.

#### **40. Signing of Contract**

- 40.1** Promptly, and in no case later than 14 days, after notification, Procuring Entity shall send the successful Tenderer the Agreement and Contract Data Sheet, incorporating all agreements between the parties obtained as a result of Contract negotiations.
- 40.2** Within the period specified in the notification or Tender Data Sheet but not earlier than fourteen (14) days since notification of award of contract, the successful Tenderer shall sign and date the contract and return it to the Procuring Entity.

#### **41. Performance Security**

- 41.1** Within thirty (30) days but after 14 days after receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Procuring Entity a Performance Security in the amount and in the form stipulated in the Tender Data Sheet and the Contract Data Sheet, denominated in the type and proportions of currencies in the Letter of Acceptance and in accordance with the Conditions of Contract.
- 41.2** If the Performance Security is provided by the successful Tenderer in the form of a Bank Guarantee or Insurance Bond, it shall be issued either:
- a) At the Tenderer's option, by a bank or insurance firm located in Kenya, or a foreign bank or insurance firm through a correspondent bank or insurance firm located in Kenya;
  - b) With the consent of the Procuring entity, directly by a foreign bank acceptable to the Procuring entity.
- 41.3** Failure of the successful Tenderer to comply with the requirement of sub-Clause 41.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender Security, in which event the Procuring Entity may make the award to

the next lowest evaluated Tenderer or call for new Tenders.

#### **42. Advance Payment**

**42.1** The Procuring Entity will provide an Advance Payment as stipulated in the Conditions of Contract, subject to a maximum amount, as stated in the Tender Data Sheet.

**42.2** The Advance Payment request shall be accompanied by an Advance Payment Security (Guarantee) in the form provided in Section X. For the purpose of receiving the Advance Payment, the Tenderer shall make an estimate of, and include in its Tender, the expenses that will be incurred in order to commence work. These expenses will relate to the purchase of equipment, machinery, materials, and on the engagement of labour during the first month beginning with the date of the Procuring Entity's "Notice to Commence" as specified in the Contract Data Sheet.

#### **43. Adjudicator**

**43.1** The Procuring Entity proposes the person named in the Tender Data Sheet to be appointed as Adjudicator under the Contract, at an hourly fee specified in the Tender Data Sheet, plus reimbursable expenses. If the Tenderer disagrees with this proposal, the Tenderer should so state in the Tender. If, in the Letter of Acceptance, the Procuring Entity has not agreed on the appointment of the Adjudicator, the Adjudicator shall be appointed by the Appointing Authority designated in the Contract Data Sheet at the request of either party.

### **G. Review of Procurement Decisions**

#### **44. Right to Review**

**44.1** A Tenderer who claims to have suffered or risk suffering, loss or damage or injury as a result of breach of a duty imposed on a Procuring Entity or an Approving Authority by the Public Procurement and Asset Disposal Act, 2015 and the Public Procurement and Disposal Regulations 2006, the procurement proceedings or processes, may seek administrative review as prescribed by the Act. The following matters, however, shall not be subject to the administrative review:

- a) The choice of procurement method;
- b) a decision by the Procuring Entity to reject all Tenders, proposals or quotations;
- c) Where a contract is signed in accordance to Section 134 of the Public Procurement and Asset Disposal Act, 2015;

d) Where an appeal is frivolous.

**45. Time Limit on Review**

**45.1** The Tenderer shall submit an application for review in the number of copies and pay fees as prescribed by the Public Procurement and Disposal Regulations 2006 within fourteen (14) days of the time the Tenderer became or should have become aware of the circumstances giving rise to the complaint or dispute.

**46. Submission of Applications for Review by the Public Procurement Administrative Review Board**

**46.1** Any application for administrative review shall be submitted in writing to the Secretary, Public Procurement Administrative Review Board on Form RB 1 at the address shown in the Tender Data Sheet. The secretary to the review board shall immediately after filing of the request, serve a copy thereof on the Procuring Entity or Director-General as the case may be.

**46.2** The application for administrative review shall be in accordance with the requirements of Regulation 73 of the Public Procurement and Disposals Regulations, 2006, including:

- a) Reasons for the complaint, including any alleged breach of the Act or Regulations;
- b) An explanation of how the provisions of the Act and or Regulation has been breached or omitted, including the dates and name of the responsible public officer, where known;
- c) Statements or other evidence supporting the complaint where available as the applicant considers necessary in support of its request;
- d) Remedies sought;
- e) Any other information relevant to the complaint.

**47. Decision by the Public Procurement Administrative Review Board**

**47.1** The Administrative Review Board shall within thirty days after receipt of an application for administrative review deliver a written decision which shall indicate:

- a) Annuling anything the Procuring Entity has done in the procurement proceedings, including annulling the procurement proceedings in their entirety;
- b) Giving directions to the Procuring Entity with respect to anything to be done or redone in the procurement proceedings;
- c) Substituting the decision of the Review Board for any decision of the Procuring Entity in the procurement proceedings;

d) Order the payment of costs as between parties to the review.

**47.2** The decision made by the Review Board shall, be final and binding on the parties unless judicial review thereof commences within fourteen (14) days from the date of the Review Board's decision.

**48. Appeal on the decision of the Review Board**

**48.1** Any party to the review aggrieved by the decision of the Review Board may appeal to the High Court and the decision of the High Court shall be final.

## SECTION III: TENDER DATA SHEET

### Tender Data Sheet (TDS)

#### Instructions to Tenderers Clause Reference

| TDS Reference Number   | ITT Clause Number | Amendments of, and Supplements to, Clauses in the Instruction to Tenderers  |
|------------------------|-------------------|---|
| <b>A. Introduction</b> |                   |   |
| 1.                     | 1.1               | The Procuring Entity is: <b>KENYA MEDICAL SUPPLIES AUTHORITY (KEMSA)</b>  |
| 2.                     | 1.1               | Name of Project is<br><b>PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE</b>  |
| 3.                     | 1.2               | The expected completion date of the works is to be agreed by the project manager.   |
| 5.                     | 2.1               | This is KEMSA Funded Project  |
| 6.                     | 2.2               | This is KEMSA Funded Project  |
| 7.                     | 5.1               | Alternative Tenders are <i>“not allowed”</i> in this Tender.  |
| 8.                     | 5.2               | Alternative time for completion is not applicable   |
| 9.                     | 3.1               | This tender is open to Only Tenderers registered as a <b>CONTRACTOR</b> by the <b>NATIONAL CONSTRUCTION AUTHORITY</b> under the following:<br>– <b>BUILDING WORKS NCA 5 AND ABOVE</b><br>– <b>ELECTRICAL WORKS NCA 6 AND ABOVE &amp; ERC CERTIFICATE</b><br>– <b>MECHANICAL WORKS NCA 6 AND ABOVE</b> |
| 10.                    | 7.3               | Pre-Tender meeting shall not be held.   |

|                               |     |  |
|-------------------------------|-----|--|
| <b>B. Tendering Documents</b> |     |  |
| 12.                           | 8.2 | Tenderers shall submit original and a copy of tender document  |
| 13.                           | 9.1 | 1.1 Address for clarification of Tendering Document is : <b>Kenya Medical Supplies Authority, Commercial street</b><br>Email: <a href="mailto:procure@kemsa.co.ke">procure@kemsa.co.ke</a><br>Tel No. <b>254 20 3922000/ 0719033000 / 0733606600</b> |
| 14.                           | 9.2 | Tenderers may seek tender clarification seven days before closing date of the tender.  |

| <b>C. Preparation of Tenders</b> |              |   |
|----------------------------------|--------------|---|
| 15.                              | 11.1         | Language of Tender and all correspondence shall be in <b>ENGLISH LANGUAGE</b>   |
| 16.                              | 13.3         | <p>Tenderers shall meet all the minimum qualifying requirement set below (Bullet 30 on evaluation criteria)</p> <p><b>A. Pre-qualification evaluation (preliminary evaluation)</b></p> <p>Candidates shall meet the all minimum qualifying requirement set below. <b>Failure to meet any of the requirements shall automatically lead to disqualification.</b></p> <p><b>B. Post qualification evaluation</b></p> <p>The bidder must score at least 70 points to proceed to financial Evaluation stage</p> <p><b>C. Financial Evaluation and Commercial Evaluation</b></p> <p>Bids that score 70 points and above shall be compared on the basis of unit prices quoted and the lowest priced will be considered lowest evaluated and subsequently recommended for award. <b>The lowest evaluated price will be compared with the Engineers official estimate and it will be considered responsive if it's within the range of plus or minus ten percent of the Engineers Official Estimate.</b></p> |
| 18.                              | 16.4         | The price shall be <i>fixed and shall remain as indicated in the form of tender</i>   |
| 19.                              | 17.1         | The currency in which the prices shall be quoted shall be: <i>Kenyan Shilling</i>   |
| 20.                              | 17.2<br>30.2 | The authority for establishing the rates of exchange shall be Central Bank of Kenya. The applicable date for exchange rates for tendering and evaluation purposes is 7 days earlier than the final deadline for the submission of tenders.  |
| 21.                              | 18.1         | The Tender validity period shall be 150 days.   |
| 22.                              | 19.1         | Tender Security is <b>REQUIRED AS Kes 826,497</b>   |
| 23.                              | 20.1         | In addition to the original of the Tender, the Tenderer should submit one copy of the Tender  |
| 24.                              | 20.2         | Written confirmation of authorization is required   |

| <b>D. Submission of Tenders</b> |            |  |
|---------------------------------|------------|--|
| 25.                             | 21.2<br>a) | <p>1.2 Tenders shall be submitted to <b>KENYA MEDICAL SUPPLIES AUTHORITY (KEMSA)</b>, or be addressed to:</p> <p style="text-align: center;"><b>THE CHIEF EXECUTIVE OFFICER,<br/>KENYA MEDICAL SUPPLIES AUTHORITY,<br/>P.O BOX 47715 - 00100,<br/>NAIROBI.</b></p> <p style="text-align: center;">So as to be received on or before <b>22<sup>nd</sup> April 2020 at 10:00 AM.</b></p> |
| 26.                             | 21.2<br>b) | <p>Project name: <b>PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE</b></p> <p><b>Tender number: KEMSA/ONT4/2020</b></p> <p>Time and date for submission: <b>22<sup>nd</sup> April 2020 at 10.00 A.M.</b></p>  |



|     |      |  |
|-----|------|--|
| 27. | 22.1 | The deadline for Tender submission is<br>a) Day: <b>Wednesday</b><br>b) Date: <b>22<sup>nd</sup> April 2020</b><br>c) Time: <b>10.00 A.M.</b>  |
| 28. | 22.3 | The extension of the deadline for submission of Tenders shall be made not later than <b>7 DAYS</b> before the expiry of the original deadline. |
| 29  | 24.4 | Expiry of Tender validity is <b>150Days</b> .  |

### E. Opening and Evaluation of Tenders

|     |      |   |
|-----|------|---|
| 29. | 25.1 | The Tender opening shall take place at:<br>....., ON<br>..... |
|-----|------|---|

#### TABLE 1: PRE- QUALIFICATION CHECKLIST FOR COMPLETENESS AND RESPONSIVENESS

| S/No. | Completeness and Responsiveness Criteria                    | References             | Requirement  |
|-------|---|------------------------|--|
| 1.    | Form of Tender  | Clause 15, 16 and 17   | - Amount must be indicated<br>- Properly fill and sign   |
| 2.    | Confidential Business Questionnaire                         | Section IX; Schedule 1 | - Properly fill and sign<br>- Provide all required information   |
| 3.    | Certificate of Incorporation/Business Name Reg. Certificate | Sub-clause 3.3         | - Copy of certificate  |
| 4.    | Tax Compliance Certificate                                  | Sub-Clause 13.1        | - Copy of valid Tax Comp Certificate   |
| 5.    | Registration with National Construction Authority           | Sub-clause 3.1         | - Category NCA 5, Building Works<br>- Category NCA 6, Electrical Works & ERC Certificate<br>- Category NCA 6, Mechanical Works |
| 6.    | Priced Bill of Quantities                                   | Clause 12              | - Fill all rates, prices and amounts   |

|  |  |     |   |   |  |
|--|--|-----|---|---|--|
|  |  | 7.  | Eligibility   | Section 2;<br>Clause 3                      | - Copies of National ID or passport for Director for Business Reg. Name Cert.<br>- Copy of Form CR12 for Cert of Incorporation |
|  |  | 8.  | Conflict of interest  | Section 2;<br>Clause 3.4                    | - to State explicitly  |
|  |  | 9.  | Debarment   | Section x;<br>Schedule 11<br>Item 1.3 of QC | - Properly fill and sign   |
|  |  | 10. | Certificate of Tenderers Visit to Site  | Section x;<br>Schedule 3                    | - No pre-bid meeting/visit   |
|  |  | 11. | Bid Bond  | Clause 19.3                                 | - Amount of <b>Kes 826,497.00</b> in the form of Guarantee from Reputable Bank or Insurance Company approved by PPRA           |
|  |  | 12. | Copy of Bid Document  | Clause 20.1                                 | - Replica of the original  |
|  |  | 13. | Anti-Corruption Declaration <b>must be signed.</b>  |   |  |
|  |  | 14. | Bidding documents must be paginated/serialized. All bidders are required to submit their documents paginated in a continuous ascending order from the first page to the last in this format; (i.e. 1,2,3..... n where n is the last page) |   |  |

**Key:** QC – Qualification Criteria

**TABLE 2: POST- QUALIFICATION SCORE**

| ITEM |   | DESCRIPTION   | POINT SCALE    | SCORE |
|------|---|---|----------------|-------|
| 1    |   | KEY TECHNICAL PERSONNEL   | Max 20         |       |
|      | a | At least 5No. Key Technical Personnel in relevant field (Attach evidence) | 20             |       |
| 2    |   | EXPERIENCE (Attach evidence)  | Max 30         |       |
|      | a | General Experience  | 10             |       |
|      | b | Specific experience in related works                                      | 20             |       |
| 3    |   | CURRENT COMMITMENTS   | Max 5          |       |
|      |   | On-going works  | 5              |       |
| 4    |   | PLANT AND EQUIPMENT   | Max 10         |       |
|      | a | Attach proof or evidence of ownership/lease                               | 10             |       |
| 5    |   | FINANCIAL CAPACITY  | Max 25         |       |
|      | a | Audited Statements for last 2 Years                                       | 10             |       |
|      | b | Cash flow statement (forecasts)   | 4              |       |
|      | c | Financial position/Ratios   | 3              |       |
|      | d | Bank statement  | 3              |       |
|      | e | Annual Construction Turnover  | 5              |       |
| 6    |   | LITIGATION HISTORY  | 0 or 5; Max5   |       |
| 7    |   | COUNTY BASED; Current Business Permit                                     | 0 or 5; Max5   |       |
|      |   | <b>TOTAL</b>  | <b>MAX 100</b> |       |

| Post - Qualification Criteria  |                  | Compliance Requirement  | Documentation              |
|--|------------------|---|----------------------------|
| No.  | Subject          | Requirement   | Bidder                     |
| 1. Site Staff  |                  |   |                            |
| The site staff shall possess minimum levels set below NB: Attachment of CVs and certified copies of Annual Practicing Licenses (for Engineers) and Academic Certificates for all staff is mandatory; |                  |   |                            |
|  | HQ Staff         | The site staff shall possess minimum levels of qualifications set below;<br><br>Atleast 2No. Personnel be based at HQ<br>Qualification = Deg in Construction related course or equivalent | Score<br><br>• 5 marks     |
|  | 3No. Site Agents | Qualification = HND In Construction Engineering or Equivalent<br><br>Qualification = HND In Electrical Engineering or Equivalent  | • 2 marks<br><br>• 2 marks |

|                               |  |   |   |  |  |
|-------------------------------|--|---|---|--|--|
|                               |  |   | <p>Qualification = HND In Mechanical Engineering or Equivalent</p> <p>General Experience= 5 Yrs<br/>Specific Experience = 3Yrs</p> <p>Qualification = Dip. Construction Engineering or Equivalent</p> <p>General Experience = 5 yrs<br/>Specific Experience = 3 Yrs</p> | <ul style="list-style-type: none"> <li>• 2 marks</li> <li>• 4 marks</li> <li>• 3 marks</li> <li>• 2 marks</li> </ul> |  |
| <b>2. Experience</b>          |  |   |   |  |  |
| 2.1(a)                        | General Construction Experience        | Experience under construction contracts in the role as a main contractor or subcontractor for at least the last Three [3] years prior to the applications submission deadline   | Score   | <ul style="list-style-type: none"> <li>• 10 Marks</li> </ul>   |  |
| 2.1(b)                        | Specific Construction works Experience | Participation as a Construction works contractor, management contractor or subcontractor, in at least Three (3) each with a value of at least KShs. {20} Million [Twenty Million], successfully and substantially completed. Two (2) of the contracts should include service installation works similar to the proposed works. The similarity shall be based on the physical size, complexity, methods/technology or other characteristics (Each construction experience equals 5 marks.) | Score   | <ul style="list-style-type: none"> <li>• 15 Marks</li> </ul>   |  |
| 2.2                           | Work Methodology                       | Submission of a brief work methodology.   | Score   | <ul style="list-style-type: none"> <li>• 5 Marks</li> </ul>  |  |
| <b>3. Current Commitments</b> |  |   |   |  |  |
| 3.1                           | On-going contracts                     | The total value of outstanding works on the on-going contracts should not exceed the average annual turnover for the last Two (2) years.  | Score   | <ul style="list-style-type: none"> <li>• 5 Marks</li> </ul>  |  |
| <b>4. Equipments</b>          |  |   |   |  |  |

|                        |                                      |  |  |  |
|------------------------|--------------------------------------|--|--|--|
|                        |                                      | Submit at least four equipment to be used:<br>(a) .....<br>(b) .....<br><br>Total  | Score<br>2.5... Marks<br>2.5.... Marks<br><br>• 5 Marks  | The Bidder must indicate the core equipment considered by the company to be necessary for undertaking the project together with proof ownership or lease arrangements  |
| 5. Financial Situation |                                      |  |  |  |
| 5.1                    | Financial Performance                | (a) Submission of audited balance sheets and other financial statements acceptable to the Employer, for the last Two [2] years to demonstrate:<br>(submission of one year financial statement - 2.5 marks)<br><br>(b) the current soundness of the applicants financial position and its prospective long term profitability (i.e. Financial Ratios), and<br><br>(c) capacity to have a cash flow equivalent to 20% of the tender sum<br><br>(d) Bank statements for six (6) months for the period between 1 <sup>st</sup> August, 2019 to 29 <sup>th</sup> February, 2020 | (a) Score<br>• 5 Marks<br><br>(b) Score<br>• 3 Marks<br><br>(c) Score<br>• 4 Marks<br><br>(d) Score<br>• 3 Marks | All pages must be initialized and stamped by both a practicing Auditor registered with ICPAC and one of the Directors. Auditor's practicing membership number from ICPAC must be indicated.<br><br>(d) All pages must be initialized and stamped by the issuing bank |
| 5.2                    | Average Annual Construction Turnover | (e) Average Annual Construction /Construction works turnover of KShs. {20} Twenty Million, calculated as total certified payments received for contracts in progress or completed, within the last Two [(2)] years   | (e) Score<br>• 0 – 5Marks  |  |
| 6. Litigation History  |                                      |  |  |  |
| 6.1                    | Pending Litigation                   | All pending litigation shall in total not represent more than fifty percent (50%) of the Applicant's net worth   | Must meet requirement  | The applicant to provide Sworn affidavit.  |

|                             |      |  |                                   |   |                        |  |
|-----------------------------|------|--|-----------------------------------|---|------------------------|--|
|                             |      |  |                                   | and shall be treated as resolved against the Applicant.           |                        |  |
|                             |      | 7. County Based  |                                   |   |                        |  |
|                             |      | 7.1  | Current Business Permit / License | Should have the physical address and Current Business Work Permit | Score<br>• 0 or 5marks | Submit a certified local authority business permit |
|                             |      | <p><b>TABLE 3: FINANCIAL EVALUATION</b></p> <p>Bids that pass the Technical Evaluation shall be subjected to the Financial Evaluation in two stages, as follows:</p> <p>i) Tender Sums:<br/><i>The average of the responsive tender sums will be worked out. The mean of this average and Attendant bill estimate will form the basis for evaluating the extent of deviation of the tender sums for further evaluation. Bids that are found to be +/- 10% of this mean shall be considered uncompetitive and will not be considered for further evaluation.</i></p> <p>ii) Tender Rates and Arithmetic Errors:<br/><i>Evaluation of the tender rates will constitute examination of: (a) Pricing Consistency (same rates for similar items, price distribution amongst sections. etc; (b) reasonableness of pricing (comparison with prevailing market levels); and (c) arithmetic errors</i></p> <p>The bidders who pass the test of price consistency and reasonableness, and accept their arithmetic errors (if any) shall finally be graded in terms of their submitted tender sums. The lowest bids in this group shall be the <b>lowest evaluated price</b> as per Section 86(1) of the Public Procurement &amp; Asset Disposal Act 2015</p> |                                   |   |                        |  |
| 32.                         | 38.1 | Percentage for quantities increase or decrease is <b>25 PERCENT</b>  |                                   |   |                        |  |
| <b>F. Award of Contract</b> |      |  |                                   |   |                        |  |
| 33.                         | 41.1 | The amount of Performance Security shall be 5% from a recognised financial institution approved by PPRA.   |                                   |   |                        |  |
| 34.                         | 42.1 | THERE SHALL BE NO ADVANCE PAYMENT  |                                   |   |                        |  |

## SECTION IV: GENERAL CONDITIONS OF CONTRACT

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## A. General

### 1. Definitions

1.1 Boldface type is used to identify defined terms.

The **Adjudicator** is the person appointed jointly by the Procuring Entity and the Contractor to resolve disputes in the first instance, as provided for in Clauses 27 and 28 hereunder.

**Bill of Quantities** means the priced and completed Bill of Quantities forming part of the Tender.

**Compensation Events** are those defined in Clause 47 hereunder.

The **Completion Date** is the date of completion of the Works as certified by the Project Manager, in accordance with Sub-Clause 58.1.

The **Contract** is the Contract between the Procuring Entity and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in Clause 2.3 below.

The **Contractor** is a person or corporate body whose Tender to carry out the Works has been accepted by the Procuring Entity.

The **Contractor's Tender** is the completed Tendering document submitted by the Contractor to the Procuring Entity.

The **Contract Price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

**Days** are calendar days; months are calendar months.

**Dayworks** are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.

A **Defect** is any part of the Works not completed in accordance with the Contract.

The **Defects Liability Certificate** is the certificate issued by the Project Manager upon correction of defects by the

Contractor.

The **Defects Liability Period** is the period named in the **Contract Data Sheet** and calculated from the Completion Date.

**Drawings** include calculations and other information provided or approved by the Project Manager for the execution of the Contract.

The **Procuring Entity** is the party who employs the Contractor to carry out the Works.

**Equipment** is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

The **Initial Contract Price** is the Contract Price listed in the Procuring Entity's Letter of Acceptance.

The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the **Contract Data Sheet**. The Intended Completion Date may be revised only by the Project Manager by issuing an extension of time or an acceleration order.

**Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.

**Plant** is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.

The **Project Manager** is the person named in the **Contract Data Sheet** (or any other competent person appointed by the Procuring Entity and notified to the Contractor, to act in replacement of the Project Manager) who is responsible for supervising the execution of the Works and administering the Contract and shall be an "Architect" or a "Quantity Surveyor" registered under the Architects and Quantity Surveyors Act Cap 525 or an "Engineer" registered under Engineers Registration Act Cap 530.

The **Site** is the area defined as such in the **Contract Data Sheet**.

**Site Investigation Reports** are those that were included in the Tendering documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

**Specification** means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Manager.

The **Start Date** is given in the **Contract Data Sheet**. It is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.

A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract, which includes work on the Site.

**Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for

construction or installation of the Works.

A **Variation** is an instruction given by the Project Manager that varies the Works.

The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Procuring Entity, as defined in the **Contract Data Sheet**.

“**Force Majeure**” means an event which is beyond the reasonable control of a Party and which makes a Party’s performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

## 2. Interpretation

- 2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way round. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Project Manager will provide instructions clarifying queries about these Conditions of Contract.
- 2.2 If sectional completion is specified in the **Contract Data Sheet**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).
- 2.3 The documents forming the Contract shall be interpreted in the order of priority given in the **Contract Data Sheet**:
- (1) Agreement;
  - (2) Letter of Acceptance;
  - (3) Contract Data Sheet;
  - (4) Conditions of Contract;
  - (5) Technical Specifications;
  - (6) Contractor’s Tender;
  - (7) Drawings;
  - (8) Bill of Quantities; and
  - (9) Any other document listed in the **Contract Data Sheet** as forming part of the Contract.

## 3. Language, Law, Fraud and Corruption

- 3.1 The language of the Contract and the law governing the Contract are stated in the **Contract Data Sheet**.
- 3.2 The Government requires that Procuring Entities (including beneficiaries of Government funded projects) as well as Tenderers/Suppliers/Contractors under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. It is the responsibility of the Procuring Entity to ensure that Tenderers, suppliers, and contractors and their subcontractors observe the highest standard of ethics during the procurement and

execution of such contracts. In pursuance of this policy:

For the purpose of this provision, the following definitions are provided:

- (i). **“Corruption”** has the meaning assigned to it in the Anti Corruption and Economic Crime Act 2003 and includes the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement or disposal process or in contract execution;
- (ii). **“Fraudulent Practice”** includes a misrepresentation of fact in order to influence a procurement or disposal process or the execution of a contract to the detriment of the Procuring Entity and includes collusive practices amongst Tenderers prior to or after Tender submission designed to establish Tender prices at artificial non competitive levels and deprive the Procuring Entity of the benefits of free and open competition;
- (iii). **“Collusive Practice”** means an arrangement between two or more suppliers, contractors and subcontractors designed to achieve an improper purpose, including to influence improperly the actions of the Procuring Entity prior to or after Tender submission, designed to establish Tender prices at artificial non-competitive levels and to deprive the Procuring Entity of the benefit of free and open competition;
- (iv). **“Coercive Practice”** means impairing or harming, or threatening to impair or harm, directly or indirectly a supplier, contractor or subcontractor or the property of any of them to influence improperly the actions of a Procuring Entity;
- (v). **“Obstructive Practice”** means deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede an investigation 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.

A Procuring Entity has the right to require that Tenderers, suppliers, and contractors and their subcontractors permit persons duly appointed by EACC/PPRA/KNAO to inspect their accounts and records and other documents relating to the Tender submission and contract performance;

The Procuring Entity will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt, fraudulent practices or others stated under Clause 44.1.a in competing for the contract;

In pursuit of the policy defined in sub-Clause 44.1 the Procuring Entity will cancel the portion of the funds allocated to a contract for goods, works, or services if it at any time determines that corrupt or fraudulent practices were engaged in by representatives of the Procuring Entity or Approving Authority or of a beneficiary of the funds during the procurement or the execution of that contract;

In the event that the Procuring Entity or Approving Authority does not take timely and appropriate action satisfactory to the Government of Kenya to remedy the situation, then the Director-General may order an investigation of procurement proceedings for the purpose of determining whether there has been a breach of the Public Procurement and Disposal Act, 2005.

3.3 The Director-General may, on the advice of the Advisory Board, debar a person from participating in procurement proceedings on the ground that the person has committed an offence under the Public Procurement and Disposal Act, 2005. A debarment shall be for a period of time of not less than five years. Before a person is so debarred, he/she will be given an opportunity to make representations to the Director-General and may request the Review Board to review the debarment.

3.4 Any communication between the Tenderers and the Procuring Entity related to matters of alleged fraud or corruption must be made in writing.

**4. Confidentiality** 4.1 The Service Providers, their Subcontractors, and the Personnel of either of them shall not disclose any proprietary or confidential information relating to the Project, the Services, this Contract, or the Procuring Entity's business or operations without the prior written consent of the Procuring Entity.

**5. Project Manager's Decisions** 5.1 Except where otherwise specifically stated, the Project Manager will decide contractual matters between the Procuring Entity and the Contractor in the role representing the Procuring Entity.

**6. Delegation** 6.1 The Project Manager may delegate any of his duties and responsibilities to other people except to the Adjudicator, after notifying the Contractor, and may cancel any delegation after notifying the Contractor.

**7. Communications** 7.1 Communications between parties that are referred to in the Conditions shall be effective only when in writing. A notice shall be effective only when it is delivered.

**8. Subcontracting** 8.1 The Contractor may subcontract with the approval of the Project Manager, but may not assign the Contract without the approval of the Procuring Entity in writing. Subcontracting shall not alter the Contractor's obligations.

**9. Other Contractors** 9.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Procuring Entity between the dates given in the Schedule of Other Contractors,

as referred to in the **Contract Data Sheet**. The Contractor shall also provide facilities and services for them as described in the Schedule. The Procuring Entity may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification

## **10. Personnel**

- 10.1 The Contractor shall employ the key personnel named in the Schedule of Key Personnel, as referred to in the **Contract Data Sheet**, who shall be appropriately qualified and registered with the appropriate bodies to carry out the functions stated in the Schedule or other personnel approved by the Project Manager. The Project Manager will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel listed in the Schedule.
- 10.2 If the Project Manager asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

## **11. Procuring Entity's and Contractor's Risks**

- 11.1 The Procuring Entity carries the risks which this Contract states are Procuring Entity's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

## **12. Procuring Entity's Risks**

- 12.1 From the Start Date until the Defects Correction Certificate has been issued, the following are Procuring Entity's risks:
- a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials, and Equipment), which are due to:
    - (i) Use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works; or
    - (ii) Negligence, breach of statutory duty, or interference with any legal right by the Procuring Entity or by any person employed by or contracted to him except the Contractor.
  - b) The risk of damage to the Works, Plant, Materials, and Equipment to the extent that it is due to a fault of the Procuring Entity or in the Procuring Entity's design, or due to war or radioactive contamination directly affecting the country where the Works are to be executed.
- 12.2 From the Completion Date until the Defects Correction Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is an Procuring Entity's risk except loss or damage due to:
- (a) A Defect which existed on the Completion Date;
  - (b) An event occurring before the Completion Date, which

was not itself an Procuring Entity's risk; or

- (c) The activities of the Contractor on the Site after the Completion Date.

**13. Contractor's Risks**

- 13.1 From the Starting Date until the Defects Correction Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Procuring Entity's risks are Contractor's risks.

**14. Insurance**

- 14.1 The Contractor shall provide, in the joint names of the Procuring Entity and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles stated in the **Contract Data Sheet** for the following events which are due to the Contractor's risks:

- (a) Loss of or damage to the Works, Plant, and Materials;
- (b) Loss of or damage to Equipment;
- (c) Loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract; and
- (d) Personal injury or death.

- 14.2 Policies and certificates for insurance shall be delivered by the Contractor to the Project Manager for the Project Manager's approval before the Start Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.

- 14.3 If the Contractor does not provide any of the policies and certificates required, the Procuring Entity may affect the insurance which the Contractor should have provided and recover the premiums the Procuring Entity has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.

- 14.4 Alterations to the terms of insurance shall not be made without the approval of the Project Manager.

- 14.5 Both parties shall comply with any conditions of the insurance policies.

**15. Site Investigation Reports**

- 15.1 The Contractor, in preparing the Tender, shall rely on any Site Investigation Reports referred to in the **Contract Data Sheet**, supplemented by any information available to the Tenderers.

**16. Queries about the Contract Data Sheet**

- 16.1 The Project Manager will clarify queries on the **Contract Data Sheet**.

**17. Contractor to Construct the Works**

- 17.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings.

**18. Commencement**

- 18.1 The Contractor may commence execution of the Works on the

|  |  |
|--|--|
| <b>and Completion</b>                      | Start Date and shall carry out the Works in accordance with the Programme submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date.   |
| <b>19. Approval by the Project Manager</b> | <p>19.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, who is to approve them if they comply with the Specifications and Drawings.</p> <p>19.2 The Contractor shall be responsible for the design of Temporary Works.</p> <p>19.3 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.</p> <p>19.4 The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.</p> <p>19.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Project Manager before their use.</p>  |
| <b>20. Protection of the Environment</b>   | <p>20.1 The Contractors shall take all reasonable steps to protect the environment and to limit damage and nuisance to people and property resulting from pollution, noise and other results of his operations.</p> <p>20.2 The Contractors shall ensure that emissions, surface discharges and effluent from his activities shall not exceed prescribed values in the environmental laws.</p>   |
| <b>21. Labour Laws</b>                     | <p>21.2 The Contractor shall comply with all the relevant labour laws applicable in the Country, including laws relating to workers employment, working hours, health, safety, welfare, and immigration, and shall allow them all their legal rights.</p> <p>21.2 The Contractor shall require his employees to obey all applicable laws, including those concerning safety at work.</p>   |
| <b>22. Health and Safety</b>               | <p>22.1 The Contractor shall at all times take all reasonable precautions to maintain the health and safety of his personnel.</p> <p>22.2 The Contractor shall ensure that first aid facilities are available at all times at the site and that suitable arrangements are made for all necessary welfare and hygiene requirements and for the prevention of epidemics.</p> <p>22.3 The Contractor shall notify the Procuring Entity details of any accident as soon as practicable after its occurrence. The Contractor shall maintain records and make reports concerning health, safety, and welfare of persons, and damage to the property, as the Procuring Entity may reasonably require.</p> <p>22.4 The Contractor shall conduct an HIV-Aids awareness programme, and shall take other such measures as specified in the <b>Contract Data Sheet</b> to reduce the risk of transfer of HIV virus between and among Contractor personnel, the Procuring</p> |



Entity's Staff and the surrounding community.

- 23. Discoveries** 23.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Procuring Entity. The Contractor shall notify the Project Manager of such discoveries and carry out the Project Manager's instructions for dealing with them.
- 24. Possession of the Site** 24.1 The Procuring Entity shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the **Contract Data Sheet**, the Procuring Entity will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event.
- 25. Access to the Site** 25.1 The Contractor shall allow the Project Manager and any person authorized by the Project Manager access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.
- 26. Instructions, Inspections and Audits** 26.1 The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located.
- 26.2 The Contractor shall permit the Kenya Government to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors appointed by the Kenya Government, if so required by the Kenya Government
- 27. Disputes** 27.1 If the Contractor believes that a decision taken by the Project Manager was either outside the authority given to the Project Manager by the Contract or that the decision was wrongly taken, the decision shall be referred to the Adjudicator within 14 days of the notification of the Project Manager's decision.
- 28. Procedure for Disputes** 28.1 The Adjudicator shall give a decision in writing within 28 days of receipt of a notification of a dispute.
- 28.2 The Adjudicator shall be paid by the hour at the rate specified in the **Tender Data Sheet** and **Contract Data Sheet**, together with reimbursable expenses of the types specified in the **Contract Data Sheet**, and the cost shall be divided equally between the Procuring Entity and the Contractor, whatever decision is reached by the Adjudicator. Either party may refer a decision of the Adjudicator to an Arbitrator within 28 days of the Adjudicator's written decision. If neither party refers the dispute to arbitration within the above 28 days, the Adjudicator's decision will be final and binding.
- 28.3 The arbitration shall be conducted in accordance with the arbitration procedure published by the institution named and in the place shown in the **Contract Data Sheet**.
- 29. Replacement of Adjudicator** 29.1 Should the Adjudicator resign or die, or should the Procuring Entity and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator will be jointly appointed by the Procuring

Entity and the Contractor. In case of disagreement between the Procuring Entity and the Contractor, within 30 days, the Adjudicator shall be designated by the Appointing Authority designated in the **Contract Data Sheet** at the request of either party, within 14 days of receipt of such request.

## **B. Time Control**

- 30. Programme**
- 30.1 Within the time stated in the **Contract Data Sheet**, the Contractor shall submit to the Project Manager for approval a Programme showing the general methods, arrangements, order, and timing for all the activities in the Works.
- 30.2 An update of the Programme shall be a programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.
- 30.3 The Contractor shall submit to the Project Manager for approval an updated Programme at intervals no longer than the period stated in the **Contract Data Sheet**. If the Contractor does not submit an updated Programme within this period, the Project Manager may withhold the amount stated in the **Contract Data Sheet** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Programme has been submitted.
- 30.4 The Project Manager's approval of the Programme shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Project Manager again at any time. A revised Programme shall show the effect of Variations and Compensation Events
- 31. Extension of the Intended Completion Date**
- 31.1 The Project Manager shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost.
- 31.2 The Project Manager shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Manager for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.

- 32. Acceleration**
- 32.1 When the Procuring Entity wants the Contractor to finish before the Intended Completion Date, the Project Manager will obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Procuring Entity accepts these proposals, the Intended Completion Date will be adjusted accordingly and confirmed by both the Procuring Entity and the Contractor.
- 32.2 If the Contractor's priced proposals for acceleration are accepted by the Procuring Entity, they shall be incorporated in the Contract Price and treated as a Variation.
- 33. Delays Ordered by the Project Manager**
- 33.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.
- 34. Management Meetings**
- 34.1 Either the Project Manager or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.
- 34.2 The Project Manager shall record the business of management meetings and provide copies of the record to those attending the meeting and to the Procuring Entity. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.
- 35. Early Warning**
- 35.1 The Contractor shall warn the Project Manager at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work, increase the Contract Price or delay the execution of the Works. The Project Manager may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.
- 35.2 The Contractor shall cooperate with the Project Manager in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Project Manager.

### **C. Quality Control**

- 36. Identifying Defects**
- 36.1 The Project Manager shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Project Manager may instruct the Contractor to search for a Defect and to uncover and test any work that the Project Manager considers may have a Defect.
- 37. Tests**
- 37.1 If the Project Manager instructs the Contractor to carry out a test not specified in the Specification to check whether any work has

a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event.

- 38. Correction of Defects**
- 38.1 The Project Manager shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion, and is defined in the **Contract Data Sheet**. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.
- 38.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Project Manager's notice.
- 38.3 If the Contractor has not corrected a defect within the time specified in the Procuring Entity's notice, a penalty for lack of performance will be paid by the Contractor. The amount to be paid will be calculated as a percentage of the cost of having the defect correct, assessed as described in Clause 39.
- 39. Uncorrected Defects**
- 39.1 If the Contractor has not corrected a Defect within the time specified in the Project Manager's notice, the Project Manager will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

#### **D. Cost Control**

- 40. Bill of Quantities**
- 40.1 The Bill of Quantities shall contain items for the construction, installation, testing, and commissioning work to be done by the Contractor.
- 40.2 The Bill of Quantities is used to calculate the Contract Price. The Contractor shall be paid for the quantity of the work done at the rate in the Bill of Quantities for each item.
- 41. Changes in the Quantities**
- 41.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than 25 percent, provided the change exceeds 1 percent of the Initial Contract Price, the Project Manager shall adjust the rate to allow for the change.
- 41.2 The Project Manager shall not adjust rates from changes in quantities if thereby the Initial Contract Price is exceeded by more than 15 percent, except with the prior approval of the Procuring Entity.
- 41.3 If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bill of Quantities.
- 42. Variations**
- 42.1 All Variations shall be included in the updated Programmes produced by the Contractor.
- 43. Payments for Variations**
- 43.1 The Contractor shall provide the Project Manager with a quotation for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the quotation, which shall be given within seven days of the request

or within any longer period stated by the Project Manager and before the Variation is ordered.

- 43.2 If the work in the Variation corresponds with an item description in the Bill of Quantities and if, in the opinion of the Project Manager, the quantity of work is above the limit stated in Sub-Clause 41.1 or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work.
- 43.3 If the Contractor's quotation is unreasonable, the Project Manager may order the Variation and make a change to the Contract Price, which shall be based on the Project Manager's own forecast of the effects of the Variation on the Contractor's costs.
- 43.4 If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.
- 43.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.

#### **44. Cash Flow Forecasts**

- 44.1 When the Programme is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.

#### **45. Payment Certificates**

- 45.1 The Contractor shall submit to the Project Manager monthly statements of the estimated value of the work executed less the cumulative amount certified previously.
- 45.2 The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor within twenty eight 28 days of receipt of the certificate from the contractor.
- 45.3 The value of work executed shall be determined by the Project Manager.
- 45.4 The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed.
- 45.5 The value of work executed shall include the valuation of Variations and Compensation Events.
- 45.6 The Project Manager may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
- 45.7 The Project Manager shall not be bound to certify any payment,

if the net amount, after all retentions and deductions would be less than minimum amount of Interim Payment Certificate stated in the **Contract Data Sheet**.

#### **46. Payments**

- 46.1 Payments shall be adjusted for deductions for advance payments and retention. The Procuring Entity shall pay the Contractor the amounts certified by the Project Manager within 28 days of the date of each certificate. If the Procuring Entity makes a late payment, the Contractor shall be paid interest on the late payment in the next payment Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the prevailing rate of interest for commercial borrowing for each of the currencies in which payments are made as indicated in the **Contract Data Sheet**.
- 46.2 If an amount certified is increased in a later certificate or as a result of an award by the Adjudicator or an Arbitrator, the Contractor shall be paid interest upon the delayed payment as set out in this clause. Interest shall be calculated from the date upon which the increased amount would have been certified in the absence of dispute.
- 46.3 Unless otherwise stated, all payments and deductions will be paid or charged in the proportions of currencies comprising the Contract Price.
- 46.4 Items of the Works for which no rate or price has been entered in will not be paid for by the Procuring Entity and shall be deemed covered by other rates and prices in the Contract.

#### **47. Compensation Events**

- 47.1 The following shall be Compensation Events:
- (a) The Procuring Entity does not give access to a part of the Site by the Site Possession Date stated in the **Contract Data Sheet**.
  - (b) The Procuring Entity modifies the Schedule of Other Contractors in a way that affects the work of the Contractor under the Contract.
  - (c) The Project Manager orders a delay or does not issue Drawings, Specifications, or instructions required for execution of the Works on time.
  - (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.
  - (e) The Project Manager unreasonably does not approve a subcontract to be let.
  - (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to Tenderers (including the Site Investigation Reports), from information available publicly and from a visual

inspection of the Site.

- (g) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Procuring Entity, or additional work required for safety or other reasons.
- (h) Other contractors, public authorities, utilities, or the Procuring Entity does not work within the dates and other constraints stated in the Contract, and they cause delay or extra cost to the Contractor.
- (i) The advance payment is delayed.
- (j) The effects on the Contractor of any of the Procuring Entity's Risks.
- (k) The Project Manager unreasonably delays issuing a Certificate of Completion.
- (l) Other Compensation Events described in the Contract or determined by the Project Manager shall apply.

47.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date shall be extended. The Project Manager shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

47.3 As soon as information demonstrating the effect of each Compensation Event upon the Contractor's forecast cost has been provided by the Contractor, it shall be assessed by the Project Manager, and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Project Manager shall adjust the Contract Price based on the Project Manager's own forecast. The Project Manager will assume that the Contractor will react competently and promptly to the event.

47.4 The Contractor shall not be entitled to compensation to the extent that the Procuring Entity's interests are adversely affected by the Contractor's not having given early warning or not having cooperated with the Project Manager.

## **48. Taxes**

48.1 The Project Manager shall adjust the Contract Price if taxes, duties, and other levies are changed between the date 28 days before the submission of Tenders for the Contract and the date of the last Completion certificate. The adjustment shall be the change in the amount of tax payable by the Contractor, provided such changes are not already reflected in the Contract Price or are a result of Clause 50.

## **49. Currencies**

49.1 Where payments are made in currencies other than the Kenya Shillings, the exchange rates used for calculating the amounts to be paid shall be the exchange rates stated in the Contractor's Tender.

## 50. Price Adjustment

50.1 The amounts payable to the Contractor, in various currencies pursuant to Sub-Clause 45.1, shall be adjusted in respect of the rise or fall in the cost of labour, Contractor's Equipment, Plant, materials, and other inputs to the Works, by applying to such amounts the formulae prescribed in this clause based on the prevailing consumer price index obtained from the Central Bureau of Statistics or the monthly inflation rate issued by the Central Bank of Kenya.

50.2 To the extent that full compensation for any rise or fall in costs to the Contractor is not covered by the provisions of this or other clauses in the Contract, the unit rates and prices included in the Contract shall be deemed to include amounts to cover the contingency of such other rise or fall of costs.

50.3 The adjustment to be applied to amount payable to the Contractor as certified in Payment Certificates shall be determined formulae for each of the currencies in which the Contract Price is payable. No adjustment is to be applied to work valued on the basis of Cost or current prices. The formulae shall be as follows;

$$P_n = a + b \frac{L_n - L_o}{L_o} + c \frac{M_n - M_o}{M_o} + d \frac{E_n - E_o}{E_o} + \text{etc.}$$

where;

**P<sub>n</sub>** is a price adjustment factor to be applied to the amount in each specific currency for the payment of the work carried out in the subject month, where such variations and daywork are not otherwise subject to adjustment;

**a** is a constant, specified in the **Appendix to Tender**, representing the nonadjustable portion in contractual payments;

**b, c, d, etc.**, are weightings or coefficients representing the estimated proportion of each cost element (labour, materials, equipment usage, etc.) in the Works or sections thereof, net of Provisional Sums, as specified in the **Appendix to Tender**; the sum of a, b, c, d, etc., shall be one;

**L<sub>n</sub>, M<sub>n</sub>, E<sub>n</sub>, etc.**, are the current cost indices or reference prices of the cost elements in the specific currency of origin for month "**n**," determined pursuant to Sub-Clause 50.5, applicable to each cost element; and

**L<sub>o</sub>, M<sub>o</sub>, E<sub>o</sub>, etc.**, are the base cost indices or reference prices corresponding to the above cost elements at the date specified in Sub-Clause 50.5

The value of net work done, certified by the Project Manager, in any monthly Interim or Final Certificate as payable by the Procuring Entity to the Contractor before deduction of any retention money shall be increased or decreased by an amount of '**F**'.



$$F = PnxPc$$

where;

The effective value **Pc** of work done which is to be subjected to increase or decrease shall be the difference between:

- (i) the amount which, in the opinion of the Project Manager, is due to the Contractor under Clause 45 (before deduction of retention money and before deducting sums previously paid on account) less:
  - any amount for payment or repayment of any advance payment;
  - any amount for materials on site (if any);
  - any amounts for nominated sub-contractors (if any)
  - any amounts for any other items based on actual cost or current prices; or
  - any sums for increase or decreases in the Contract Price paid under this Sub-Clause

and

- (ii) the amount calculated in accordance with (i) above of this Sub-clause and included in the last preceding statement.

50.4 The sources of indices shall be those listed in the **Appendix to Tender**, as approved by the Engineer. Indices shall be appropriate for their purpose and shall relate to the Contractor's proposed source of supply of inputs on the basis of which his Contract Price and expected foreign currency requirements shall have been computed. As the proposed basis for price adjustment, the Contractor shall have submitted with his Tender the tabulation of Weightings and Source of Indices in the **Appendix to Tender**, which shall be subject to approval by the Engineer.

50.5 The base cost indices or prices shall be those prevailing on the day 28 days prior to the latest date for submission of Tenders. Current indices or prices shall be those prevailing on the day 28 days prior to the last day of the period to which a particular Interim Payment Certificate is related. If at any time the current indices are not available, provisional indices as determined by the Engineer will be used, subject to subsequent correction of the amounts paid to the Contractor when the current indices become available.

50.6 If the Contractor fails to complete the Works within the time for completion prescribed under Clause 58 adjustment of prices thereafter until the date of completion of the Works shall be made using either the indices or prices relating to the prescribed time for completion, or the current indices or prices, whichever is more favourable to the Procuring Entity, provided that if an extension of time is granted pursuant to Clause 28, the above provision shall apply only to adjustments made after the expiry of such extension of time.

50.7 The weightings for each of the factors of cost given in the

**Appendix to Tender** shall be adjusted if, in the opinion of the Engineer, they have been rendered unreasonable, unbalanced, or inapplicable as a result of varied or additional work already executed or instructed under Clause 43 or for any other reason.

## **51. Retention**

- 51.1 The Procuring Entity shall retain from each payment due to the Contractor the proportion stated in the **Contract Data Sheet** until Completion of the whole of the Works.
- 51.2 On completion of the whole of the Works, half the total amount retained shall be repaid to the Contractor and the other half when the Defects Liability Period has passed and the Project Manager has certified that all Defects notified by the Project Manager to the Contractor before the end of this period have been corrected.
- 51.3 On completion of the whole Works, the Contractor may substitute retention money with an “on demand” Bank guarantee.

## **52. Liquidated Damages**

- 52.1 The Contractor shall pay liquidated damages to the Procuring Entity at the rate per day stated in the **Contract Data Sheet** for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the **Contract Data Sheet**. The Procuring Entity may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor’s liabilities.
- 52.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rates specified in Sub-Clause 46.1.
- 52.3 If the Contractor has not corrected a defects within the time specified in the Procuring Entity’s notice, the Procuring Entity will assess the cost of having the defect corrected, the Contractor will pay this amount, and a penalty for lack of performance calculated as described in Clause 38.

## **53. Bonus**

- 53.1 The Contractor shall be paid a Bonus calculated at the rate per calendar day stated in the **Contract Data Sheet** for each day (less any days for which the Contractor is paid for acceleration) that the Completion is earlier than the Intended Completion Date. The Project Manager shall certify that the Works are complete, although they may not be due to be complete.

## **54. Advance Payment**

- 54.1 The Procuring Entity shall make advance payment to the Contractor of the amounts stated in the **Contract Data Sheet** by the date stated in the **Contract Data Sheet**, against provision by the Contractor of an Unconditional Bank Guarantee in a form and by a bank acceptable to the Procuring Entity in amounts and currencies equal to the advance payment. The Guarantee shall remain effective until the advance payment has been repaid, but

the amount of the Guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest will not be charged on the advance payment.

54.2 The Contractor is to use the advance payment only to pay for Equipment, Plant, Materials, and mobilization expenses required specifically for execution of the Contract. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Project Manager.

54.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses, or Liquidated Damages.

### **55. Performance Securities**

55.1 The Performance Security shall be provided to the Procuring Entity no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Procuring Entity, and denominated in the types and proportions of the currencies in which the Contract Price is payable. The Performance Security shall be valid until a date 28 days from the date of issue of the Certificate of Completion in the case of a Bank Guarantee, and until one year from the date of issue of the Completion Certificate in the case of a Performance Bond.

### **56. Dayworks**

56.1 If applicable, the Dayworks rates in the Contractor's Tender shall be used for small additional amounts of work only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.

56.2 All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within two days of the work being done.

56.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms.

### **57. Cost of Repairs**

57.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

## **E. Finishing the Contract**

### **58. Completion Certificate**

58.1 The Contractor shall request the Project Manager to issue a certificate of Completion of the Works, and the Project Manager will do so upon deciding that the work is completed.

### **59. Taking Over**

59.1 The Procuring Entity shall take over the Site and the Works within seven days of the Project Manager's issuing a certificate

of Completion.

- 60. Final Account** 60.1 The Contractor shall supply the Project Manager with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Project Manager shall issue a Defects Liability Certificate and certify any final payment that is due to the Contractor within 56 days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 56 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Project Manager shall decide on the amount payable to the Contractor and issue a payment certificate.
- 61. Operating and Maintenance Manuals** 61.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the **Contract Data Sheet**.
- 61.2 If the Contractor does not supply the Drawings and/or manuals by the dates stated in the **Contract Data Sheet**, or they do not receive the Project Manager's approval, the Project Manager shall withhold the amount stated in the **Contract Data Sheet** from payments due to the Contractor.
- 62. Termination** 62.1 The Procuring Entity or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.
- 62.2 Fundamental breaches of Contract shall include, but shall not be limited to, the following:
- (a) The Contractor stops work for 28 days when no stoppage of work is shown on the current Programme and the stoppage has not been authorized by the Project Manager;
  - (b) The Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within 28 days;
  - (c) The Procuring Entity or the Contractor is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
  - (d) A payment certified by the Project Manager is not paid by the Procuring Entity to the Contractor within 84 days of the date of the Project Manager's certificate;
  - (e) The Project Manager gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Project Manager;
  - (f) The Contractor does not maintain a Security, which is required; and
  - (g) The Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in the **Contract**

### **Data Sheet.**

- (h) If the Contractor, in the judgment of the Procuring Entity has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this paragraph:

“corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution and includes inter alia, bribery and extortion or coercion which involves threats of injury to person, property or reputation, and.

“fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practice among 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.

- 62.3 When either party to the Contract gives notice of a breach of Contract to the Project Manager for a cause other than those listed under Sub-Clause 62.2 above, the Project Manager shall decide whether the breach is fundamental or not.
- 62.4 Notwithstanding the above, the Procuring Entity may terminate the Contract for convenience.
- 62.5 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

### **63. Payment upon Termination**

- 63.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as indicated in the **Contract Data Sheet**. Additional Liquidated Damages shall not apply. If the total amount due to the Procuring Entity exceeds any payment due to the Contractor, the difference shall be a debt payable to the Procuring Entity.
- 63.2 If the Contract is terminated for the Procuring Entity’s convenience or because of a fundamental breach of Contract by the Procuring Entity, the Project Manager shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor’s personnel employed solely on the Works, and the Contractor’s costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.

### **64. Property**

- 64.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Procuring Entity if the Contract is terminated because of the Contractor’s

default.

**65. Release from Performance**

65.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Procuring Entity or the Contractor, the Project Manager shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which a commitment was made.

**66. Suspension of Financing**

66.1 In the event that the source of financing is suspended to the Procuring Entity, from which part of the payments to the Contractor are being made:

- (a) The Procuring Entity is obligated to notify the Contractor of such suspension within 7 days of having received the financing agency's suspension notice.
- (b) If the Contractor has not received sums due it within the 28 days for payment provided for in Sub-Clause 46.1, the Contractor may immediately issue a 14-day termination notice.



## SECTION V: CONTRACT DATA SHEET (CDS)

### Contract Data Sheet

#### Instructions for completing the Contract Data Sheet

| CDS Clause | GCC Clause | Description   |
|------------|------------|---|
| 1          | 1.1        | <p style="text-align: center;"><b>A. General</b></p> <p><b>(Itemise Definitions to take the same numbering as per the General Conditions)</b></p> <p>The Procuring Entity is <b>THE CHIEF EXECUTIVE OFFICER, KENYA MEDICAL SUPPLIES AUTHORITY P.O BOX 47715 - 00100, NAIROBI</b></p> <p>The Adjudicator shall be Jointly agreed with the procuring entity</p> <p>The Defects Liability Period is <i>180</i>days.</p> <p>The Project Manager is: <b>Regional Works Officer, Nairobi Region – State Department of Public Works P.O. Box 42267 - 00100, Nairobi</b></p> <p>The name and identification number of the Contract is <b>TENDER NO.: KEMSA/ONT4/2019-2020, FOR PROPOSED COMPLETION WORKS TO EXISTING MOMBASA WAREHOUSE</b></p> <p>The Start Date shall <b>be agreed by the Project Manager</b></p> <p>The Intended Completion Date for the whole of the Works shall be <b>12 Weeks from the date of site possession</b></p> <p>The following documents also form part of the Contract:</p> <ol style="list-style-type: none"> <li>1. <i>Form of tender and price schedule submitted by the tenderer</i></li> <li>2. <i>Priced Bills of Quantities</i></li> <li>3. <i>Special conditions of the contract</i></li> <li>4. <i>General conditions of the contract</i></li> <li>5. <i>The general specifications and particular specifications</i></li> <li>6. <i>Instruction to Tenderers</i></li> <li>7. <i>The procuring entities notification of award</i></li> <li>8. <i>The performance bond</i></li> </ol> <p>The Site is located at the <b>KEMSA Mombasa Warehouse – Mombasa County.</b></p> |
| 2.         | 2.2        | THERE IS NO SECTIONAL COMPLETION DATE   |
| 4.         | 3.1        | The language of the Contract documents is <b>ENGLISH LANGUAGE.</b><br>The law that applies to the Contract is the Kenyan Law.   |
| 7.         | 14.1       | The minimum insurance covers shall be <b>CONTRACTORS ALL RISK INSURANCE</b>   |
| 9.         | 22.4       | The other measures include: <ol style="list-style-type: none"> <li>a. Minimising the number of migrant workers employed on the project and household in the site camp</li> </ol>  |



|     |             |   |
|-----|-------------|---|
|     |             | <ul style="list-style-type: none"> <li>b. Providing access to voluntary counselling and testing (VCT)</li> <li>c. Providing psychological support and health care including prevention and treatment of opportunistic infections for workers infected and affected, as well as their families</li> <li>d. Providing condoms (male and female) to workers</li> </ul> |
| 10. | 24.1 & 47.1 | The Site Possession Date shall be AGREED with the project manager   |

| <b>B. Time Control</b>           |                  |   |
|----------------------------------|------------------|---|
| 14.                              | 30.1             | The Contractor shall Submit a Programme for the Works within 14 days of delivery of the Letter of Acceptance.   |
| <b>C. Quality Control</b>        |                  |   |
| 17.                              | 38.1             | The Defects Liability Period is 180 days.   |
| <b>D. Cost Control</b>           |                  |   |
| 18.                              | 45.7             | There will be interim payments  |
| 21.                              | 50               | The contract “ <i>is not</i> ” subject to price adjustment in accordance with Clause 50 of the General Conditions of Contract.  |
| 22.                              | 51.1             | The amount of retention is 10 percent of value of works of Interim Payment Certificate’.  |
| 23.                              | 52.1             | The rate of liquidated damages is <i>0.1percent of contract price per day</i>   |
|                                  | 52.1<br>62.2 (g) | The maximum amount of liquidated damages is 10% of Contract Price   |
| 24.                              | 53.1             | There is no bonus for early completion  |
| 25.                              | 54.1             | There shall be no advance payment   |
| 26.                              | 55.1             | Performance bond shall be 5% of contract sum issued by recognised financial institution approved by PPRA.   |
| <b>E. Finishing the Contract</b> |                  |   |
| 27.                              | 61.1             | As built drawings shall be supplied by the contractor by date agreed with the project manager<br><br>Operating manual shall be supplied by the contractor by date agreed by the project manager   |
| 28.                              | 61.2             | The amount to be withheld by the Project Manager in the case the contractor does not submit as built drawings is 1 percent of the contract price<br><br>The amount to be withheld by the Project Manager in the case the contractor does not submit operating manual is 1 percent of the contract price |

**SECTION IX: TENDER FORMS**

**F. Form of Tender**

..... [date]

To: .....  
.....

We offer to execute the  
.....  
.....  
.....  
[name and identification number of contract] in accordance with the Conditions of Contract  
accompanying this Tender for the Contract Price of Kshs.....[amount in  
words].....  
.....  
.....

We are not participating, as Tenders, in more than one Tender in this Tendering process other than alternative Tenders in accordance with the Tendering documents.

Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the contract has not been declared ineligible by the Kenya Government under Kenya’s laws or any other official regulations.

This Tender and your written acceptance of it shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Tender you receive.

We hereby confirm that this Tender complies with the Tender validity and Tender Security required by the Tendering documents and specified in the Tender Data Sheet.

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Tenderer: \_\_\_\_\_

Address: \_\_\_\_\_

## Tender-Securing Declaration (Mandatory)

Date: .....

Tender No.: .....

Alternative No.: .....

To: .....

.....

We, the undersigned, declare that:

We understand that, according to your conditions, Tenders must be supported by a Tender-Securing Declaration.

We accept that we will automatically be suspended from being eligible for Tendering in any contract with the Procuring Entity 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 Tender conditions, because we;

- a) Have withdrawn our Tender during the period of Tender validity specified in the Form of Tender; or
- b) Having been notified of the acceptance of our Tender by the Procuring Entity during the period of Tender 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 ITT.

We understand this Tender Securing Declaration shall expire if we are not the successful Tenderer, upon the earlier of;

- 1) Our receipt of your notification to us of the name of the successful Tenderer; or
- 2) Thirty days after the expiration of our Tender.

Signed: ..... *[insert signature of person whose name and capacity are shown]* In the capacity of..... *[insert legal capacity of person signing the Tender Securing Declaration]*

Name: ..... *[insert complete name of person signing the Tender Securing Declaration]*

Duly authorized to sign the Tender for and on behalf of: *[insert complete name of Tenderer]*

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

Corporate Seal (where appropriate)

**SECTION X: SCHEDULES OF SUPPLEMENTARY INFORMATION**

**SCHEDULE 1: CONFIDENTIAL BUSINESS QUESTIONNAIRE**

This Confidential Business Questionnaire of the Government of Kenya shall be completed by the Bidder.

**REPUBLIC OF KENYA**

**CONFIDENTIAL BUSINESS QUESTIONNAIRE**

You are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2(b) or 2(c) whichever applies to your type of business.

You are advised that it is a serious offence to give false information on this Form.

*Part 1 – General:*

Business name

.....

Location of business premises

.....

Plot No. ....Street/Road .....

Postal Address.....Tel No. ....

Nature of business.....

.....

Current Trade Licence No. .... Expiring date .....

Maximum value of business which you can handle at any one time:

Kshs.....

Name of your bankers .....

Branch.....

**Part 2(a) - Sole Proprietor:**

Your name in full

.....

Age.....

Nationality .....Country of origin .....

\*Citizenship details .....

Part 2(b) - Partnership:

Give details of partners as follows:

| Name   | Nationality | Citizenship Details* | Shares |
|--------|-------------|----------------------|--------|
| 1..... | .....       | .....                | .....  |
| 2..... | .....       | .....                | .....  |
| 3..... | .....       | .....                | .....  |

Part 2(c) - Registered Company:

Private or public .....

State the nominal and issued capital of the company-

Nominal Kshs. ....

Issued Kshs. ....

Give details of all directors as follows:

| Name   | Nationality* | Citizenship Details** | Shares*** |
|--------|--------------|-----------------------|-----------|
| 1..... | .....        | .....                 | .....     |
| 2..... | .....        | .....                 | .....     |
| 3..... | .....        | .....                 | .....     |
| 4..... | .....        | .....                 | .....     |
| 5..... | .....        | .....                 | .....     |

Part 3- Interest in the Firm:

Is there any person / persons in the Kenya Medical Supplies Authority (KEMSA) who has interest in this firm?

|         |                          |
|---------|--------------------------|
| Yes**** | <input type="checkbox"/> |
|---------|--------------------------|

|        |                          |
|--------|--------------------------|
| No**** | <input type="checkbox"/> |
|--------|--------------------------|

\*\*\*\* Tick (✓) to agree as necessary (**Compulsory**)

.....

Date

Signature of Bidder

**SCHEDULE 2: FORM OF WRITTEN POWER OF ATTORNEY**

The Bidder shall state here below the name(s) and address of his representative(s) who is/are authorized to sign the document and receive on his behalf correspondence in connection with the Bid.

.....  
(Name of Bidder's Representative in block letters)

.....  
(Address of Bidder's Representative)

.....  
(Signature of Bidder's Representative)

Alternate:

.....  
(Name of Bidder's Representative in block letters)

.....  
(Address of Bidder's Representative)

.....  
(Signature of Bidder's Representative)

**Note:**

*To be filled by all Bidders.*

**SCHEDULE 3: CERTIFICATE OF BIDDER’S VISIT TO SITE**

This is to certify that

[Name/s]

.....  
.....

Being the authorized representative/Agent of [Name of bidder]

.....  
.....

participated in the organised inspection visit of the site of the works for the

Held on..... day of ..... 20 .....

Signed.....

(Employer’s Representative)

.....

.....  
(Name of Employer’s Representative)

.....  
(Designation)

**NOTE:** *This form is to be completed at the time of the organized site visit.*

**SCHEDULE 4: DECLARATION FORM (DEBARMENT)**

**DECLARATION FORM**

Date \_\_\_\_\_

To  
The Chief Executive Officer,  
Kenya Medical Supplies Authority,  
P.O. Box 47715 – 00100,  
**NAIROBI**

We (name and address) \_\_\_\_\_

\_\_\_\_\_ declare the following:

That we;

- a) Have not been debarred from participating in public procurement.
- b) Have not been involved in and will not be involved in corrupt and fraudulent practices regarding public procurement.

-----  
Name of Bidder

-----  
Signature

-----  
Date

(To be signed by authorized representative and officially stamped)



**G. Letter of Acceptance**

*[Letter head paper of the Procuring Entity]*

[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 Sheet] for the Contract Price of the equivalent of [amount in numbers and works] [name of currency], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by us.

We confirm that [insert name proposed by the procuring entity] to be the Adjudicator.

We accept that [name proposed by Tenderer] be appointed as Adjudicator.

Or

We do not accept that [name proposed by Tenderer] be appointed as adjudicator, and by sending a copy of this letter of acceptance to [insert the name of the Appointing Authority], we are hereby requesting [name], the Appointing Authority, to appoint the adjudicator in accordance with Clause 44.1 of the Instructions to Tenderers.

You are hereby instructed to proceed with the execution of the said works in accordance with the Contract documents.

Please return the contract dully signed.

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Agency: \_\_\_\_\_

Attachment: Form of Contract

## H. Form of Contract Agreement

This Agreement, made the [day] day of [month], [year] between [name and address of Procuring Entity] (hereinafter called "the Procuring Entity") and [name and address of Contractor] (hereinafter called "the Contractor") of the other part.

Whereas the Procuring Entity is desirous that the Contractor execute [name and identification number of contract] (hereinafter called "the Works") with the objectives of [insert functional objectives of the works] and the Procuring Entity has accepted the Tender by the Contractor for the execution and completion of such works and the remedying of any defects therein in the sum of [contract price in words and figures] (hereinafter called "Contract Price").

### NOW THIS AGREEMENT WITNESSES AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement;
2. In consideration of the payments to be made by the Procuring Entity to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Entity to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract;
3. The Procuring Entity hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects wherein 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.

In Witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of \_\_\_\_\_

Was hereunto affixed in the presence of: \_\_\_\_\_

Signed, Sealed, and Delivered by the said \_\_\_\_\_

In the presence of: \_\_\_\_\_

Tendering Signature of Procuring Entity \_\_\_\_\_

Binding Signature of Contractor \_\_\_\_\_

## **SECTION X: FORMS OF SECURITY**

## **I. Tender Security (Bank or Insurance Guarantee) (Optional)**

*[If required, the **Bank or Insurance Company/Tenderer** shall fill in this Guarantee form in accordance with the instructions indicated in brackets.]*

*[insert bank's or insurance company's name, and address of issuing branch or office]*

**Beneficiary:** *[insert name and address of Procuring Entity]*

**Date:** *[insert date]*

**TENDER GUARANTEE No.:** *[insert number]*

We have been informed that *[insert name of the Tenderer; if a joint venture, list complete legal names of partners]* (hereinafter called "the Tenderer") has submitted to you its Tender dated *[insert date]* (hereinafter called "the Tender") for the execution of *[insert name of Contract]* under Invitation for Tenders No. *[insert IFT number]* ("the IFT").

Furthermore, we understand that, according to your conditions, Tenders must be supported by a Tender Guarantee.

At the request of the Tenderer, we *[insert name of bank or insurance company]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount in figures expressed in the currency of the Purchaser's Country or the equivalent amount in an international freely convertible currency] ([insert amount in words])* upon receipt by us of your first demand in writing accompanied by a written statement stating that the Tenderer is in breach of its obligation(s) under the Tender conditions, because the Tenderer;

- a) Has withdrawn its Tender during the period of Tender validity specified by the Tenderer in the Form of Tender; or
- b) Does not accept the correction of errors in accordance with the Instructions to Tenderers (hereinafter "the ITT") of the IFT; or
- c) Having been notified of the acceptance of its Tender by the Procuring Entity during the period of Tender validity;
  - (i). Fails or refuses to execute the Contract Form, if required, or
  - (ii). Fails or refuses to furnish the Performance Security, in accordance with the ITT.

This Guarantee shall expire;

- a) If the Tenderer is the successful Tenderer, upon our receipt of copies of the Contract signed by the Tenderer and of the Performance Security issued to you by the Tenderer; or
- b) If the Tenderer is not the successful Tenderer, upon the earlier of;

- (i) Our receipt of a copy of your notification to the Tenderer that the Tenderer was unsuccessful, or
- (ii) Thirty days after the expiration of the Tenderer's Tender.

Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date.

\_\_\_\_\_  
*[signature(s) of authorized representative(s) ]*

## **J. Performance Bank or Insurance Guarantee [Unconditional]**

[**The Bank or Insurance Company/successful Tenderer** providing the Guarantee shall fill in this form in accordance with the instructions indicated in brackets, if the Procuring Entity requires this type of security.]

*[insert bank's or insurance company's name, and address of issuing branch or office]*

**Beneficiary:** *[insert name and address of Procuring Entity]*

**Date:** *[insert date]*

**PERFORMANCE GUARANTEE No.:** *[insert Performance Guarantee number]*

We have been informed that *[insert name of Contractor]* (hereinafter called "the Contractor") has entered into Contract No. *[insert reference number of the Contract]* dated with you, for the execution of *[insert name of Contract and brief description of Works]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Contractor, we *[insert name of Bank or Insurance Company]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[insert amount in figures]* (*[insert amount in words]*), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change, addition or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this Guarantee, and we hereby waive notice of any change, addition, or modification.

This guarantee shall expire not later than thirty days from the date of issuance of the Taking-Over Certificate.

*[signature(s) of an authorized representative(s) of the Bank]*

## **K. ANTI – CORRUPTION POLICY IN THE PROCUREMENT PROCESS**

### **UNDERTAKING BY BIDDER ON ANTI – CORRUPTION POLICY / CODE OF CONDUCT AND COMPLIANCE PROGRAMME**

The governments of Kenya is committed to fighting corruption in all its forms and in all its institutions to ensure that all the government earned revenues are utilized prudently and for the purpose intended with a view to promoting economic development as the country work towards actualizing Vision 2030.

KEMSA being one of the government entities is committed to fighting any form of corruption in our organization to ensure that all the monies that the government entrust with us, is optimally and prudently utilized for the benefits of all the people we serve.

**The following is a requirement that every Bidder wishing to do business with KEMSA must comply with:**

- (1) Each bidder must submit a statement, as part of the tender documents, in the format given and which must be signed personally by the Chief Executive Officer or other appropriate senior corporate officer of the bidding company and, where relevant, of its subsidiary in Kenya. If a tender is submitted by a subsidiary, a statement to this effect will also be required of the parent company, signed by its Chief Executive Officer or other appropriate senior corporate officer.
- (2) Bidders will also be required to submit similar No-bribery commitments from their subcontractors and consortium partners; the bidder may cover the subcontractors and consortium partners in its own statement, provided the bidder assumes full responsibility.
- (3) a) Payment to agents and other third parties shall be limited to appropriate compensation for legitimate services.
  - b) Each bidder will make full disclosure in the tender documentation of the beneficiaries and amounts of all payments made, or intended to be made, to agents or other third parties (including political parties or electoral candidates) relating to the tender and, if successful, the implementation of the contract.
  - c) The successful bidder will also make full disclosure [quarterly or semi-annually] of all payments to agents and other third parties during the execution of the contract.
  - d) Within six months of the completion of the performance of the contract, the successful bidder will formally certify that no bribes or other illicit commissions have been paid. The final accounting shall include brief details of the goods and services provided that are sufficient to establish the legitimacy of the payments made.

- e) Statements required according to subparagraphs (b) and (d) of this paragraph will have to be certified by the company's Chief Executive Officer, or other appropriate senior corporate officer.
- (4) Tenders which do not conform to these requirements shall not be considered.
- (5) If the successful bidder fails to comply with its No-bribery commitment, significant sanctions will apply. The sanctions may include all or any of the following:
  - a) Cancellation of the contract;
  - b) Liability for damages to the public authority and/or the unsuccessful competitors in the bidding possibly in the form of a lump sum representing a pre-set percentage of the contract value (liquidated).
- (6) Bidders shall make available, as part of their tender, copies of their anti-Bribery Policy/Code of Conduct, if any, and of their-general or project - specific - Compliance Program.
- (7) The Government of Kenya has made special arrangements for adequate oversight of the procurement process and the execution of the contract. Those charged with the oversight responsibility will have full access if need be to all documentation submitted by Bidders for this contract, and to which in turn all Bidders and other parties involved or affected by the project shall have full access (provided, however, that no proprietary information concerning a bidder may be disclosed to another bidder or to the public).

**1. MEMORANDUM ( FORMAT )  
 (Clause 62 and 66 of Kenya Public Procurement and Asset Disposal Act  
 (PPADA) 2015**

This company \_\_\_\_\_ (name of company) has issued, for the purposes of this tender, a Compliance Program copy attached -which includes all reasonable steps necessary to assure that the No-bribery commitment given in this statement will be complied with by its managers and employees, as well as by all third parties working with this company on the public sector projects or contract including agents, consultants, consortium partners, subcontractors and suppliers)"

The company also confirms that it has not been debarred from participating in procurement proceedings

Authorized Signature: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Bidder: \_\_\_\_\_

Address: \_\_\_\_\_



# **BILLS OF QUANTITIES**

# **PARTICULAR PRELIMINARIES**

| ITEM | DESCRIPTION   | K.SHS |
|------|---|-------|
|      | <p><b><u>PARTICULAR PRELIMINARIES</u></b></p> <p><b>A PRICING ITEMS OF PRELIMINARIES</b><br/>Prices <b>SHALL BE INSERTED</b> against items of “preliminaries” in the tenderer’s priced Bills of Quantities. The contractor is advised to read and understand all preliminary items.</p> <p><b>B DESCRIPTION OF THE WORKS</b><br/>The PROPOSED works to be carried out under this contract involves; demolition &amp; alteration works, painting and decoration works internally &amp; externally, floor finishes, refurbishment of existing offices, renovations to existing washrooms, construction of pump house and construction pre-fabricated office block in EPS panels; including associated electrical and mechanical installations as Proposed Completion Works to the existing Mombasa Warehouse for KEMSA.</p> <p><b>C MEASUREMENTS</b><br/>In the event of any discrepancies arising between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract documents shall immediately be referred to the PROJECT MANAGER in accordance with Clause 22 of the Conditions of Contract. The discrepancies shall then be treated as a variation and be dealt with in accordance with Clause 22 of the</p> <p><b>D LOCATION OF SITE</b><br/>The site of the proposed works is located at <b>KEMSA Mombasa Warehouse - Mombasa County</b>. The Contractor is advised to visit the site, to familiarize with the nature and position of the site. No claims arising from the Contractor’s failure to do so will be entertained.</p> <p><b>E SIGNING OF THE TENDER DOCUMENTS</b><br/>The bidder shall append his / her signature and / or company ‘s rubberstamp on the tender document.</p> |       |
|      | <i>Carried to collection</i>  |       |

| ITEM            | DESCRIPTION  | K.SHS |
|-----------------|--|-------|
| <p><b>A</b></p> | <p><b>DEMOLITIONS AND ALTERATIONS</b></p> <p>The Contractor is to allow for all temporary protection required during the works including ordinary and special dust screens, hoardings, barriers, warning signs, etc as directed by the Project Manager and</p> <p>as necessary for the adequate propping and protection of existing property, finishes, workmen employed on the site, employer's agents and the public. Any damage or loss incurred due to the insufficiency of such protection must be made good by the Contractor. All protective devices are to be removed on completion of the works and any necessary making good consequent upon this is to be executed to the satisfaction of the Project Manager</p> <p>The works shall be propped, strutted and supported as necessary before any alteration or demolition work commences. Prices shall include for all cleaning and preparatory work to structure and finishes and for making good to all finishes on completion whether or not specifically described.</p> <p>Unless described as set aside for re-use all arising debris and surplus materials shall be carefully removed from building and carted away from site.</p> <p>The Contractor shall be entirely responsible for any breakage or damage which may occur to materials required for re-use during their removal unless it is certified by the Project Manager that such damage or breakage was inevitable as a result of the condition of the item concerned</p> |       |
| <p><b>B</b></p> | <p><b>CLEARING AWAY</b></p> <p>The Contractor shall remove all temporary works, rubbish, debris and surplus materials from the site as they accumulate and upon completion of the works, remove and clear away all plant, equipment, rubbish, unused materials and stains and leave in a clean and tidy state to the reasonable satisfaction of the Project Manager.</p> <p>The whole of the works shall be delivered up clean, complete and in perfect condition in every respect to the satisfaction of the Project Manager.</p>   |       |
| <p><b>C</b></p> | <p><b>CLAIMS</b></p> <p>It shall be a condition of this contract that upon it becoming reasonably apparent to the Contractor that he has incurred losses and / or expenses due to any of the contract conditions, or by any other reason whatsoever, he shall present such a claim or intent to claim notice to the PROJECT MANAGER within the contract period. No claim shall be entertained upon the expiry of the said contract period.</p>   |       |
|                 | <p><i>Carried to collection</i></p>  |       |

| ITEM            | DESCRIPTION  | K.SHS |
|-----------------|--|-------|
| <p><b>A</b></p> | <p><b>PAYMENTS</b><br/>The tenderer's attention is drawn to the fact that the GOVERNMENT DOES NOT MAKE ADVANCE PAYMENTS but pays for work done and materials delivered to sit: all in accordance with Clause 23 of the Conditions of Contract Agreement. In order to facilitate this, a list of the general component elements for the works is given at the summary page of these specifications and the tenderer is requested to break down his tender sum commensurate to the said elements</p>                         |       |
| <p><b>B</b></p> | <p><b>PREVENTION OF ACCIDENT, DAMAGE OR LOSS</b><br/><br/>The Contractor is notified that these works are to be carried out on a restricted site where the client is going on with other normal activities. The Contractor is thus instructed to take reasonable care in the execution of the works as to prevent accidents, damage or loss and disruption of activities being carried out by the Client. The Contractor shall allow in his rates any expense he deemed necessary by taking such care within the site.</p> |       |
| <p><b>C</b></p> | <p><b>WORKING CONDITIONS</b><br/><br/>The Contractor shall allow in his rates for any interference that he may encounter in the course of the works for the Client may in some cases ask the Contractor not to proceed with the works until some activities within the site are completed, as the facility will be operating as usual during the course of the contract.</p>   |       |
| <p><b>D</b></p> | <p><b>SIGNBOARD</b><br/><br/>Allow for providing, erecting, maintaining throughout the course of the Contract and afterwards clearing away a signboard as designed, specified and approved by the Project Manager.</p>   |       |
| <p><b>E</b></p> | <p><b>LABOUR CAMPS</b><br/><br/>The Contractor shall not be allowed to house labour on site. Allow for transporting workers to and from the site during the tenure of the contract.</p>  |       |
| <p><b>F</b></p> | <p><b>MATERIALS FROM DEMOLITIONS</b><br/><br/>Any materials arising from demolitions and not re-used shall become the property of the Employer. The Contractor shall allow in his rates the cost of transporting the demolished materials to the Employer,</p>   |       |
|                 | <p><i>Carried to collection</i></p>  |       |

| ITEM  | DESCRIPTION  | K.SHS |
|---|--|-------|
| <p><b>A</b></p> <p><b>B</b></p> <p><b>C</b></p> <p><b>D</b></p> <p><b>E</b></p> <p><b>F</b></p> | <p><b>PRICING RATES</b><br/>The tenderer shall include for all costs in executing the whole of the works, including transport, replacing damaged items, fixing, all to comply with the said Conditions of Contract.</p> <p><b>SECURITY</b><br/>The Contractor shall allow for providing adequate security for the works and the workers in the course of execution of this contract. No claim will be entertained from the Contractor for not maintaining adequate security for both the works and workers.</p> <p><b>URGENCY OF THE WORKS</b><br/>The Contractor is notified that these “ works are urgent” and should be completed within the period stated in these Particular Preliminaries.</p> <p>The Contractor shall allow in his rates for any costs he/ she deems that he/she may incur by having to complete these works within the stipulated contract period.</p> <p><b>PAYMENT FOR MATERIALS ON SITE</b><br/>All materials for incorporation in the works must be stored on site before payment is effected, unless specifically exempted by the Project Manager. This is to include materials of the Contractor, nominated sub-Contractors and nominated suppliers.</p> <p><b>EXISTING SERVICES</b><br/>Prior to the commencement of any work, the Contractor is to ascertain from the relevant authority the exact position, depth and level of all existing services in the area and he/she shall make whatever provisions may be required by the authorities concerned for the support, maintenance and protection of such services.</p> <p><b>BID SECURITY</b><br/>The Bidder shall furnish, as part of his bid, a security as specified in the tender advertisement.</p> <p>The bid security shall, at the bidder’s option, be in the form of a certified cheque, bank draft, standby letter of credit or guarantee from a reputable bank located in Kenya or foreign bank which has been determined by the bidder to be acceptable to the Government. The format of the bank guarantee shall be in accordance with the sample forms of bid security included in the post qualification forms, other formats may be permitted, subject to the prior approval of the Government. Letters of credit, bank<br/>Guarantees issued as surety for <b>the bid shall be valid for a period of One Hundred and Twenty (120) days from the date of Tender Opening.</b></p> |       |
|   | <i>Carried to collection</i>   |       |

| ITEM   | DESCRIPTION                  | K.SHS |
|--|------------------------------|-------|
| <p><b>A</b></p> <p><b>PERFORMANCE BOND</b></p> <p>A bond of 5% of the contract sum will be required in accordance with clause 6.00 (as amended) on award of contract of the Instructions to Tenderer's. No payment on account for the works executed will be made to the contractor until he has submitted the Performance Bond to the Project Manager duly signed, sealed and stamped from an approved Bank.</p> <p><b>B</b></p> <p><b>TENDER DOCUMENTS</b></p> <p>Tender documents are as listed in Clause 2.1 of the Instruction to Tenderer's Page STD/8</p> <p><b>A</b></p> <p><b>DELIVERY OF TENDER</b></p> <p>Tenders and all documents in connection therewith, as specified above must be delivered in the addressed envelope which should be properly sealed and deposited at the offices as specified in the letter accompanying these documents or as indicated in the advertisement.</p> <p>Tenders will be opened at the time specified in the letter accompanying these Tender Documents or as indicated in the advertisement. Tenders delivered/received later than the above time will not be opened.</p> <p><b>C</b></p> <p><b>VALUE ADDED TAX</b></p> <p>The Contractor's attention is drawn to the Legal Notice in the Finance Act part 3 Section 21(b) operative from 1<sup>st</sup> September, 1993 which requires payment of VAT on all contracts. The Contractor should therefore include allowance in his rates and prices for prices for VAT and any other Government taxes currently in force.</p> <p>The tenderer is advised that in accordance with Government public notice No. 35 &amp; 36 Dated 11<sup>th</sup> September 2003 operational from 1<sup>st</sup> October 2003, VAT will be deducted against the contract sum at the prevailing rate by the Employer and remitted directly to the Commissioner of VAT through all interim certificates. It should however be noted that this is not additional tax but a new mode of payment for VAT, any excess payment will be refundable once the Contractor has submitted monthly returns to the Commissioner of VAT who will do the refunds when satisfied that the VAT regulations have been complied with.</p> <p><b>NB: VAT SHALL</b> be added at the Grand summary page (GS/1)</p> |                              |       |
|  | <i>Carried to collection</i> |       |

| ITEM | DESCRIPTION  | K.SHS        |
|------|--|--------------|
|      | <b><u>SPECIAL PRELIMINARIES</u></b>  |              |
|      | <b><u>PROJECT MANAGEMENT EXPENSES</u></b>  |              |
| A    | Provide a provisional sum of Kenya Shillings One Million (Kshs 1,000,000.00) only for provision of necessary P.M.'s stationery and associated expenses as directed   | 1,000,000.00 |
| B    | Allow for Contractor's profit and overheads (-----%)   |              |
| C    | Provide <b>mobile phone airtime &amp; site visit allowances</b> worth Kenya Shillings Twenty-Five Thousand (Kshs 25,000.00) only per person per calender month for Six (6No.) Officers for the duration of the contract period.  | 450,000.00   |
| D    | Allow for Contractor's profit and overheads (-----%)   |              |
| E    | <p><b><u>Transport</u></b></p> <p>The Contractor shall provide for transportation during site trips i.e. from the State of Public Works, Nairobi Regional Office to the Site and Back to the State Department of Public Works, Nairobi Regional Office. Reimbursement to the Contractor for providing the transport services will be based per trip to the site and back during the currency of the contract at the rate as here below to be inserted.</p> |              |
|      | <i>Carried to collection</i>   |              |



| ITEM | DESCRIPTION  | K.SHS |
|------|--|-------|
| A    | <p data-bbox="248 219 1182 286"><b><u>PARTICULARS OF INSERTIONS TO BE MADE IN APPENDIX TO CONTRACT AGREEMENT</u></b></p> <p data-bbox="248 338 1166 405">The following are the insertions to be made in the appendix to the Contract Agreement: -</p> <p data-bbox="248 454 1158 488"><b>Period of Final Measurement</b>      3 Months From Practical completion</p> <p data-bbox="248 533 1158 566"><b>Defects Liability Period</b>      6 Months from Practical completion</p> <p data-bbox="248 611 1114 645"><b>Date for Possession</b>      To be agreed with the Project Manager</p> <p data-bbox="248 689 1114 723"><b>Date for Completion</b>      ...12... Weeks from date of Possession</p> <p data-bbox="248 768 1118 835"><b>Liquidated and Ascertained</b>      At the rate of Kshs.. <b>35,000</b>... per week or part thereof</p> <p data-bbox="248 846 1114 913"><b>Prime cost</b> sums for which .....<br/>The Contractor desires to tender .....</p> <p data-bbox="248 958 986 992"><b>Period of Interim Certificates</b>      Monthly</p> <p data-bbox="248 1037 986 1070"><b>Period of Honouring Certificates</b>      30 days</p> <p data-bbox="248 1115 938 1149"><b>Percentage of Certified Value Retained</b>      10%</p> <p data-bbox="248 1193 938 1227"><b>Limit of Retention Fund</b>      5%</p> |       |
|      | <i>Carried to collection</i>   |       |

| ITEM | DESCRIPTION   | K.SHS |
|------|---|-------|
|      | <p style="text-align: center;"><b><u>COLLECTION</u></b></p> <p style="text-align: center;">Brought forward from page PP/1</p> <p style="text-align: center;">Brought forward from page PP/2</p> <p style="text-align: center;">Brought forward from page PP/3</p> <p style="text-align: center;">Brought forward from page PP/4</p> <p style="text-align: center;">Brought forward from page PP/5</p> <p style="text-align: center;">Brought forward from page PP/6</p> <p style="text-align: center;">Brought forward from page PP/7</p> |       |
|      | <b>TOTAL FOR PARTICULAR PRELIMINARIES CARRIED TO<br/>SUMMARY OF PRELIMINARIES</b>   |       |

# **GENERAL PRELIMINARIES**

| ITEM   | DESCRIPTION  |  |
|--|--|--|
| <p data-bbox="181 293 213 322"><b>A.</b></p> | <p data-bbox="253 215 663 244"><b>GENERAL PRELIMINARIES</b></p> <p data-bbox="253 293 1070 322"><b>PRICING ITEMS OF PRELIMINARIES AND PREAMBLES</b></p> <p data-bbox="253 371 1214 443">Prices will be inserted against items of Preliminaries in the Contractor's priced Bills of Quantities and Specification.</p> <p data-bbox="253 488 1238 629">The Contractor shall be deemed to have included in his prices or rates for the various items in the Bills of Quantities or Specification for all costs involved in complying with all the requirements for the proper execution of the whole of the works in the Contract.</p> <p data-bbox="181 678 213 707"><b>B.</b></p> <p data-bbox="253 678 512 707"><b>ABBREVIATIONS</b></p> <p data-bbox="253 757 1222 864">Throughout these Bills, units of measurement and terms are abbreviated and shall be all the requirements for the proper execution of the whole of the works in the Contract.</p> <p data-bbox="253 909 823 938"><i>C.M.</i>                      Shall mean cubic metre</p> <p data-bbox="253 987 831 1016"><i>S.M.</i>                      Shall mean square metre</p> <p data-bbox="253 1066 823 1095"><i>L.M.</i>                      Shall mean linear metre</p> <p data-bbox="253 1144 815 1173"><i>MM</i>                        Shall mean Millimetre</p> <p data-bbox="253 1223 831 1252"><i>Kg.</i>                        Shall mean Kilogramme</p> <p data-bbox="253 1301 775 1330"><i>No.</i>                        Shall mean Number</p> <p data-bbox="253 1379 719 1408"><i>Prs.</i>                        Shall mean Pairs</p> <p data-bbox="253 1458 1206 1520"><i>B.S.</i> - Shall mean the British Standard Specification Published by the British Standards Institution, 2 Park Street, London W.I., England.</p> <p data-bbox="253 1570 1230 1632"><i>Ditto</i> - Shall mean the whole of the preceding description except as qualified in the description in which it occurs.</p> <p data-bbox="253 1682 927 1711"><i>m.s.</i>                        Shall mean measured separately.</p> <p data-bbox="253 1760 919 1789"><i>a.b.d</i>                        Shall mean as before described.</p> |  |
|  | <p data-bbox="620 1973 879 2002"><i>Carried to collection</i></p>  |  |

| ITEM             | DESCRIPTION   |  |
|------------------|---|--|
| <p><b>A.</b></p> | <p><b>EXCEPTION TO THE STANDARD METHOD OF MEASUREMENT</b></p> <p><i>Attendance</i> ; Clause B19(a) of the Standard Method of Measurement is deleted and the following clause is substituted:-</p> <p>Attendance on nominated Sub-Contractors shall be given as an item in each case shall be deemed to include: allowing use of standing scaffolding, mess rooms, sanitary accommodation and welfare facilities; provision of special scaffolding where necessary; providing space for office accommodation and for storage of plant and materials; providing light and water for their work: clearing away rubbish; unloading checking and hoisting: providing electric power and removing and replacing duct covers, pipe casings and the like necessary for the execution and testing of Sub- Contractors' work and being responsible for the accuracy of the same.</p> <p><i>Fix Only</i>:-</p> <p>"Fix Only" shall mean take delivery at nearest railway station (Unless otherwise stated),pay all demurrage charges, load and transport to site where necessary, unload, store,unpack, assemble as necessary, distribute to position, hoist and fix only.</p> |  |
| <p><b>B.</b></p> | <p><b>EMPLOYER</b></p> <p>The "Employer" is: <b>The Chief Executive Officer, Kenya Medical Supplies Authority (KEMSA)</b></p> <p>The term "Employer" and "Government" wherever used in the contract document shall be synonymous</p>  |  |
| <p><b>C.</b></p> | <p><b>PROJECT MANAGER</b></p> <p>The term "P.M." wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in Condition 1 of the Conditions of Contract or such person or persons as may be duly authorised to represent him on behalf of the Government.</p>  |  |
| <p><b>D.</b></p> | <p><b>ARCHITECT</b></p> <p>The term "Architect" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Regional Works Officer, Nairobi Region - State Department of Public Works, P.O. Box 42267, NAIROBI.</p>  |  |
|                  | <p><i>Carried to collection</i></p>   |  |

| ITEM | DESCRIPTION  |  |
|------|--|--|
| A    | <p><b>QUANTITY SURVEYOR</b></p> <p>The term "Quantity Surveyor" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Regional Works Officer, Nairobi Region - State Department of Public Works, P.O. Box 42267, NAIROBI.</p>   |  |
| B    | <p><b>ELECTRICAL ENGINEER</b></p> <p>The term "Electrical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Regional Works Officer, Nairobi Region - State Department of Public Works, P.O. Box 42267, NAIROBI.</p>   |  |
| C    | <p><b>MECHANICAL ENGINEER</b></p> <p>The term "Mechanical Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Regional Works Officer, Nairobi Region - State Department of Public Works, P.O. Box 42267, NAIROBI.</p>   |  |
| D    | <p><b>STRUCTURAL ENGINEER</b></p> <p>The term "Structural Engineer" shall be deemed to mean "The P.M." as defined above whose address unless otherwise notified is Regional Works Officer, Nairobi Region - State Department of Public Works, P.O. Box 42267, NAIROBI.</p>   |  |
| E    | <p><b>FORM OF CONTRACT</b></p> <p>The Form of Contract shall be as stipulated in the Republic of Kenya's Standard Tender Document for Procurement of Building Works(2000 Edition) included herein</p> <p>The Conditions of Contract are also included herein</p> <p><i>Conditions of Contract</i></p> <p>These are numbered from 1 to 37 as set out in pages 18 to 38 of these tender documents.</p> <p>Particulars of insertions to be made in the Appendix to the Contract Agreement will be found in the Particular Preliminaries part of these Bills of Quantities</p> |  |
|      | <i>Carried to collection</i>   |  |

| ITEM            | DESCRIPTION   |  |
|-----------------|---|--|
| <p><b>A</b></p> | <p><b>BOND.</b></p> <p>The Contractor shall find and submit on the Form of Tender an approved bank who will be willing to be bound to the Government in an amount equal to five per cent (5) of the Contract amount for the due performances of the Contract up to the date of completion as certified by the PROJECT MANAGER and who will, when and if called upon, sign a Bond to that effect on the relevant standard form included herein. (without the addition of any limitations) on the same day as the Contract Agreement is signed, by the Government, the Contractor shall furnish within seven days another Surety to the approval of the Government.</p> |  |
| <p><b>B</b></p> | <p><b>PLANT, TOOLS AND VEHICLES</b></p> <p>Allow for providing all scaffolding, plant, tools and vehicles required for the works except in so far as may be stated otherwise herein and except for such items specifically and only required for the use of nominated Sub-Contractors as described herein. No timber used for scaffolding, formwork or temporary works of any kind shall be used afterwards in the permanent work.</p>  |  |
| <p><b>C</b></p> | <p><b>TRANSPORT.</b></p> <p>Allow for transport of workmen, materials, etc., to and from the site at such hours and by such routes as may be permitted by the competent authorities.</p>  |  |
| <p><b>D</b></p> | <p><b>MATERIALS AND WORKMANSHIP.</b></p> <p>All materials and workmanship used in the execution of the work shall be of the best quality and description unless otherwise stated. The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also ensure they are onsite when required for use in the works. The Bills of Quantities shall not be used for the purpose of ordering materials.</p>   |  |
| <p><b>E</b></p> | <p><b>SIGN FOR MATERIALS SUPPLIED.</b></p> <p>The Contractor will be required to sign a receipt for all articles and materials supplied by the PROJECT MANAGER at the time of taking deliver thereof, as having received them in good order and condition, and will thereafter be responsible for any loss or damage and for replacements of any such loss or damage with articles and/or materials which will be supplied by the PROJECT MANAGER at the current market prices including Customs Duty and V.A.T., all at the Contractor's own cost and expense, to the satisfaction of the PROJECT MANAGER</p>  |  |
|                 | <p><i>Carried to collection</i></p>   |  |

| ITEM  | DESCRIPTION   |  |
|---|---|--|
| <p><b>A</b></p> <p><b>B</b></p> <p><b>C</b></p> | <p><b>STORAGE OF MATERIALS</b></p> <p>The Contractor shall provide at his own risk and cost where directed on the site weather proof lock-up sheds and make good damaged or disturbed surfaces upon completion to the satisfaction of the PROJECT MANAGER Nominated Sub-Contractors are to be made liable for the cost of any storage accommodation provided especially for their use.</p> <p><b>SAMPLES</b></p> <p>The Contractor shall furnish at his own cost any samples of materials or workmanship including concrete test cubes required for the works that may be called for by the PROJECT MANAGER for his approval until such samples are approved by the PROJECT MANAGER and the PROJECT MANAGER, may reject any materials or workmanship not in his opinion to be up to approved samples. The PROJECT MANAGER shall arrange for the testing of such materials as he may at his discretion deem desirable, but the testing shall be made at the expense of the Contractor and not at the expense of the PROJECT MANAGER. The Contractor shall pay for the testing in accordance with the current scale of testing charges laid down by the Ministry of Roads, Housing and Public Works.</p> <p>The procedure for submitting samples of materials for testing and the method of marking for identification shall be as laid down by the PROJECT MANAGER The Contractor shall allow in his tender for such samples and tests except those in connection with nominated sub-contractors' work.</p> <p><b>GOVERNMENT ACTS REGARDING WORKPEOPLE ETC.</b></p> <p>Allow for complying with all Government Acts, Orders and Regulations in connection with the employment of Labour and other matters related to the execution of the works. In particular the Contractor's attention is drawn to the provisions of the Factory Act 1950 and his tender must include for all costs arising or resulting from compliance with any Act, Order or Regulation relating to Insurances, pensions and holidays for workpeople or so the safety, health and welfare of the workpeople.</p> <p>The Contractor must make himself fully acquainted with current Acts and Regulations, including Police Regulations regarding the movement, housing, security and control of labour, labour camps , passes for transport, etc. It is most important that the Contractor, before tendering, shall obtain from the relevant Authority the fullest information regarding all such regulations and/or restrictions which may affect the organisation of the works, supply and control of labour, etc., and allow accordingly in his tender. No claim in respect of want of knowledge in this connection will be entertained.</p> |  |
|   | <p><i>Carried to collection</i></p>   |  |



| ITEM            | DESCRIPTION  |  |
|-----------------|--|--|
| <p><b>A</b></p> | <p><b>SECURITY OF WORKS ETC.</b></p> <p>The Contractor shall be entirely responsible for the security of all the works stores, materials, plant, personnel, etc., both his own and sub-contractors' and must provide all necessary watching, lighting and other precautions as necessary to ensure security against theft, loss or damage and the protection of the public.</p>  |  |
| <p><b>B</b></p> | <p><b>PUBLIC AND PRIVATE ROADS.</b></p> <p>Maintain as required throughout the execution of the works and make good any damage to public or private roads arising from or consequent upon the execution of the works to the satisfaction of the local and other competent authority and the PROJECT MANAGER</p>  |  |
| <p><b>C</b></p> | <p><b>EXISTING PROPERTY.</b></p> <p>The Contractor shall take every precaution to avoid damage to all existing property including roads, cables, drains and other services and he will be held responsible for and shall make good all such damage arising from the execution of this contract at his own expense to the satisfaction of the PROJECT MANAGER</p>   |  |
| <p><b>D</b></p> | <p><b>VISIT SITE AND EXAMINE DRAWINGS.</b></p> <p>The Contractor is recommended to examine the drawings and visit the site the location of which is described in the Particular Preliminaries hereof. He shall be deemed to have acquainted himself therewith as to its nature, position, means of access or any other matter which, may affect his tender. No claim arising from his failure to comply with this recommendation will be considered.</p>   |  |
| <p><b>E</b></p> | <p><b>ACCESS TO SITE AND TEMPORARY ROADS.</b></p> <p>Means of access to the Site shall be agreed with the PROJECT MANAGER prior to commencement of the work and Contractor must allow for building any necessary temporary access roads for the transport of the materials, plant and workmen as may be required for the complete execution of the works including the provision of temporary culverts, crossings, bridges, or any other means of gaining access to the Site. Upon completion of the works, the Contractor shall remove such temporary access roads; temporary culverts, bridges, etc., and make good and reinstate all works and surfaces disturbed to the satisfaction of the PROJECT MANAGER The Contractor should also allow for relocating existing fence (approx. 30 metres long).</p> |  |
|                 | <p><i>Carried to collection</i></p>  |  |

| ITEM   | DESCRIPTION                  |  |
|--|------------------------------|--|
| <p><b>A</b></p> <p><b>AREA TO BE OCCUPIED BY THE CONTRACTOR</b></p> <p>The area of the site which may be occupied by the Contractor for use of storage and for the purpose of erecting workshops, etc., shall be defined on site by the PROJECT MANAGER</p> <p><b>B</b></p> <p><b>OFFICE ETC. FOR THE PROJECT MANAGER</b></p> <p>The Contractor shall provide, erect and maintain where directed on site and afterwards dismantle the site office of the standard type, complete with furniture. He shall also provide a strong metal trunk complete with strong hasp and staple fastening and two keys. He shall provide, erect and maintain a lock-up type water or bucket closet for the sole use of the PROJECT MANAGER including making temporary connections to the drain where applicable to the satisfaction of Government and Medical Officer of Health and shall provide services of cleaner and pay all conservancy charges and keep both office and closet in a clean and sanitary condition from commencement to the completion of the works and dismantle and make good disturbed surfaces. The office and closet shall be completed before the Contractor is permitted to commence the works. The Contractor shall make available on the Site as and when required by the "PROJECT MANAGER" a modern and accurate level together with levelling staff, ranging rods and 50 metre ap hole with 1/2" chro</p> <p><b>C</b></p> <p><b>WATER AND ELECTRICITY SUPPLY FOR THE WORKS</b></p> <p>The Contractor shall provide at his own risk and cost all necessary water, electric light and power required for use in the works. The Contractor must make his own arrangements for connection to the nearest suitable water main and for metering the water used. He must also provide temporary tanks and meters as required at his own cost and clear away when no longer required and make good on completion to the entire satisfaction of the PROJECT MANAGER . The Contractor shall pay all charges in connection herewith. No guarantee is given or implied that sufficient water will be available from mains and the Contractor must make his own arrangements for augmenting this supply at his own cost. Nominated Sub--contractors are to be made liable for the cost of any water or electric current used and for any installation provided especially for their own use.</p> <p><b>D</b></p> <p><b>SANITATION OF THE WORKS</b></p> <p>The Sanitation of the works shall be arranged and maintained by the Contractor to the satisfaction of the Government and/or Local Authorities, Labour Department and the PROJECT MANAGER</p> |                              |  |
|  | <i>Carried to collection</i> |  |

| ITEM  | DESCRIPTION  |  |
|---|--|--|
| <p><b>A</b></p>   | <p><b>SUPERVISION AND WORKING HOURS</b></p> <p>The works shall be executed under the direction and to the entire satisfaction in all respects of the PROJECT MANAGER who shall at all times during normal working hours have access to the works and to the yards and workshops of the Contractor and sub-Contractors or other places where work is being prepared for the contract.</p> |  |
| <p><b>B</b></p>   | <p><b>PROVISIONAL SUMS.</b></p>  |  |
| <p>The term "Provisional Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7(i) of the Standard Method of Measurement. Such sums are net and no addition shall be made to them for</p>   |  |  |
| <p><b>C</b></p>   | <p><b>PRIME COST (OR P.C.) SUMS.</b></p>   |  |
| <p>The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7 (ii) of the Standard Method of Measurement. Persons or firms nominated by the PROJECT MANAGER to execute work or to provide and fix materials or goods are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described herein as Nominated Suppliers.</p>  |  |  |
| <p><b>D</b></p>   | <p><b>PROGRESS CHART.</b></p>  |  |
| <p>The Contractor shall provide within two weeks of Possession of Site and in agreement with the PROJECT MANAGER a Progress Chart for the whole of the works including the works of Nominated Sub-Contractors ; one copy to be handed to the PROJECT MANAGER and a further copy to be retained on Site. Progress to be recorded and chart to be amended as necessary as the work proceeds.</p>  |  |  |
| <p><b>C.</b></p>  | <p><b>ADJUSTMENT OF P.C. SUMS.</b></p>   |  |
| <p>In the final account all P.C. Sums shall be deducted and the amount properly expended upon the PROJECT MANAGER'S order in respect of each of them added to the Contract sum. The Contractor shall produce to the PROJECT MANAGER such quotations, invoices or bills, properly receipted, as may be necessary to show the actual details of the sums paid by the Contractor. Items of profit upon P.C. Sums shall be adjusted in the final account pro-rata to the amount paid. Items of "attendance"</p> |  |  |
|   | <p><i>Carried to collection</i></p>  |  |

| ITEM            | DESCRIPTION   |  |
|-----------------|---|--|
| <p><b>A</b></p> | <p><b>ADJUSTMENT OF P.C. SUMS. Ctd.....</b></p> <p>Should the Contractor be permitted to tender and his tender be accepted of any work for which a P.C. Sum is included in these Bill of Quantities profit and attendance will be allowed at the same rate as it would be if the work were executed by a Nominated Sub-Contractor.</p>  |  |
| <p><b>B</b></p> | <p><b>ADJUSTMENT OF PROVISIONAL SUMS.</b></p> <p>In the final account all Provisional Sums shall be deducted and the value of the work properly executed in respect of them upon the PROJECT MANAGER's order added to the Contract Sum. Such work shall be valued as described for Variations, but should any part of the work be executed by a Nominated Sub-Contractor, the value of such work or articles for the work to be supplied by a Nominated Supplier, the value of such work or articles shall be treated as a P.C. Sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p> |  |
| <p><b>C</b></p> | <p><b>NOMINATED SUB-CONTRACTORS</b></p> <p>When any work is ordered by the PROJECT MANAGER to be executed by nominated sub-contractors, the Contractor shall enter into sub-contracts and shall thereafter be responsible for such sub-contractors in every respect. Unless otherwise described the Contractor is to provide for such Sub-Contractors any or all of the facilities described in these Preliminaries. The Contractor should price for these with the nominated Sub-contract Contractor's work concerned in the P.C. Sums under the description "add for Attendance".</p>   |  |
| <p><b>D</b></p> | <p><b>DIRECT CONTRACTS</b></p> <p>Notwithstanding the foregoing conditions, the Government reserves the right to place a "Direct Contract" for any goods or services required in the works which are covered by a P.C. Sum in the Bills of Quantities and to pay for the same direct. In any such instances, profit relative to the P.C. Sum the priced Bills of Quantities will be adjusted as described for P.C. Sums and allowed.</p>  |  |
|                 | <p><i>Carried to collection</i></p>   |  |

| ITEM            | DESCRIPTION  |  |
|-----------------|--|--|
| <p><b>A</b></p> | <p><b>ATTENDANCE UPON OTHER TRADESMEN, ETC.</b></p> <p>The Contractor shall allow for the attendance of trade upon trade and shall afford any tradesmen or other persons employed for the execution of any work not included in this Contract every facility for carrying out their work and also for use of his ordinary scaffolding. The Contractor, however, shall not be required to erect any special scaffolding for them. The Contractor shall perform such cutting away for and making good after the work of such tradesmen or persons as may be ordered by the PROJECT MANAGER and the work will be measured and paid for to the extent executed at rates provided in these Bills.</p>   |  |
| <p><b>B</b></p> | <p><b>INSURANCE</b></p> <p>The Contractor shall insure as required in Clause 30 of the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection.</p>  |  |
| <p><b>C</b></p> | <p><b>PROVISIONAL WORK</b></p> <p>All work described as "Provisional" in these Bills of Quantities is subject to remeasurement in order to ascertain the actual quantity executed for which payment will be made. All "Provisional" and other work liable to adjustment under this Contract shall left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the PROJECT MANAGER Immediately the work is ready for measuring, the Contractor shall give notice to the PROJECT MANAGER. If the Contractor makes default in these respects he shall if the PROJECT MANAGER so directs uncover the work to enable all measurements to be taken and afterwards reinstate at his own expense.</p> |  |
| <p><b>D</b></p> | <p><b>ALTERATIONS TO BILLS, PRICING, ETC.</b></p> <p>Any unauthorised alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored. The Contractor shall be deemed to have made allowance in his prices generally to cover any items against which no price has been inserted in the priced Bills of Quantities. All items of measured work shall be priced in detail and the Tenders containing Lump Sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted.</p>   |  |
|                 | <p><i>Carried to collection</i></p>  |  |

| ITEM            | DESCRIPTION  |  |
|-----------------|--|--|
| <p><b>A</b></p> | <p><b>BLASTING OPERATIONS</b></p> <p>Blasting will only be allowed with the express permission of the PROJECT MANAGER in writing. All blasting operations shall be carried out at the Contractor's sole risk and cost in accordance with any Government regulations in force for the time being, and any special regulations laid down by the PROJECT MANAGER governing the use and storage of explosives.</p>   |  |
| <p><b>B</b></p> | <p><b>MATERIALS ARISING FROM EXCAVATIONS</b></p> <p>Materials of any kind obtained from the excavations shall be the property of the Government. Unless the PROJECT MANAGER directs otherwise such materials shall be dealt with as provided in the Contract. Such materials shall only be used in the works, in substitution of materials which the Contractor would otherwise have had to supply with the written permission of the PROJECT MANAGER Should such permission be given, the Contractor shall make due allowance for the value of the materials so used at a price to be agreed.</p> |  |
| <p><b>C</b></p> | <p><b>PROTECTION OF THE WORKS.</b></p> <p>Provide protection of the whole of the works contained in the Bills of Quantities, including casing , casing up, covering or such other means as may be necessary to avoid damage to the satisfaction of the PROJECT MANAGER and remove such protection when no longer required and make good any damage which may nevertheless have been done at completion free of cost to the Government.</p>   |  |
| <p><b>D</b></p> | <p><b>REMOVAL OF RUBBISH ETC.</b></p> <p>Removal of rubbish and debris from the Buildings and site as it accumulates and at the completion of the works and remove all plant, scaffolding and unused materials at completion.</p>  |  |
| <p><b>E</b></p> | <p><b>WORKS TO BE DELIVERED UP CLEAN</b></p> <p>Clean and flush all gutters, rainwater and waste pipes, manholes and drains, wash (except where such treatment might cause damage) and clean all floors, sanitary fittings, glass inside and outside and any other parts of the works and remove all marks, blemishes, stains and defects from joinery, fittings and decorated surfaces generally, polish door furniture and bright parts of metalwork and leave the whole of the buildings watertight, clean, perfect and fit for occupation to the approval of the PROJECT MANAGER</p>           |  |
|                 | <p><i>Carried to collection</i></p>  |  |

| ITEM  | DESCRIPTION                         |  |
|---|-------------------------------------|--|
| <p><b>A.</b></p> <p><b>GENERAL SPECIFICATION.</b></p> <p>For the full description of materials and workmanship, method of execution of the work and notes for pricing, the Contractor is referred to the Ministry of Roads, Public Works and Housing General Specification dated 1976 or any subsequent revision thereof which is issued as a separate document, and which shall be allowed in all respects unless it conflicts with the General Preliminaries, Trade Preambles or other items in these Bills of Quantities.</p> <p><b>B.</b></p> <p><b>TRAINING LEVY</b></p> <p>The Contractor's attention is drawn to legal notice No. 237 of October, 1971, which requires payment by the Contractor of a Training Levy at the rate of 1/4 % of the Contract sum on all contracts of more than Kshs. 50,000.00 in value.</p> <p><b>C.</b></p> <p><b>MATERIALS ON SITE</b></p> <p>All materials for incorporation in the works must be stored on or adjacent to the site before payment is effected unless specifically exempted by the PROJECT MANAGER. This includes the materials of the Main Contractor, Nominated Sub-Contractors and Nominated Suppliers.</p> <p><b>D.</b></p> <p><b>HOARDING</b></p> <p>The Contractor shall enclose all the site under construction with a hoarding 2400 mm high consisting of iron sheets gauge 30 on 100 x 50 mm 2nd grade treated sawn cypress timber posts firmly secured at 1800 mm centres with two 75 x 50 mm 2nd grade treated sawn cypress timber rails. The Contractor is in addition required to take all precautions necessary for the safe custody of the works, materials, plant, public and Employer's property on the site.</p> <p><b>E.</b></p> <p><b>CONTRACTOR'S SUPERINTENDENCE/SITE AGENT</b></p> <p>The Contractor shall constantly keep on the works a literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.</p> |                                     |  |
|   | <p><i>Carried to collection</i></p> |  |

| ITEM | DESCRIPTION  |  |
|------|--|--|
|      | <p style="text-align: center;"><b><u>COLLECTION</u></b></p> <p style="text-align: center;">Brought Forward From Page GP/ 1</p> <p style="text-align: center;">Brought Forward From Page GP/ 2</p> <p style="text-align: center;">Brought Forward From Page GP/ 3</p> <p style="text-align: center;">Brought Forward From Page GP/ 4</p> <p style="text-align: center;">Brought Forward From Page GP/ 5</p> <p style="text-align: center;">Brought Forward From Page GP/ 6</p> <p style="text-align: center;">Brought Forward From Page GP/ 7</p> <p style="text-align: center;">Brought Forward From Page GP/ 8</p> <p style="text-align: center;">Brought Forward From Page GP/ 9</p> <p style="text-align: center;">Brought Forward From Page GP/ 10</p> <p style="text-align: center;">Brought Forward From Page GP/ 11</p> <p style="text-align: center;">Brought Forward From Page GP/ 12</p> |  |
|      | <b>TOTAL FOR GENERAL PRELIMINARIES CARRIED TO SUMMARY<br/>OF PRELIMINARIES</b>   |  |



**COMPLETION WORKS TO  
WAREHOUSE**

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------------------------------|--|-----|------|------|-------|
|                              | <p><b><u>COMPLETION WORKS TO EXISTING WAREHOUSE</u></b></p> <p><b><u>DEMOLITIONS AND ALTERATIONS</u></b><br/><b><u>(All Provisional)</u></b></p> <p><u>The items of demolitions and removal shall include shoring making good disturbed areas to match existing and loading and carting away debris unless otherwise specified</u></p> |     |      |      |       |
| A                            | Carefully demolish existing canopy at the Main Entrance of the Warehouse; including steel truss members and all other fixing accessories; cart away arisings and store for re-use as directed  | 22  | sm   |      |       |
| B                            | Carefully demolish existing roof covering to walkway; including steel truss members and all other fixing accessories; cart away arisings and store for re-use as directed  | 15  | sm   |      |       |
| C                            | Carefully existing paving slabs around entrance of the Warehouse; including backing; cart away arisings from site as directed  | 28  | sm   |      |       |
| D                            | Carefully hack out existing floor finish; including screed backing & skirting; internal floor level; and cart away arisings from site as directed  | 548 | sm   |      |       |
| E                            | Carefully remove existing steel doors; overall door size 900 x 2400mm High; including frames and all other accessories; and cart away and store as directed  | 2   | no   |      |       |
| <i>Carried to Collection</i> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY  | UNIT | RATE | K.SHS |
|------------------------------|--|------|------|------|-------|
|                              | <u>NEW WORKS</u>   |      |      |      |       |
|                              | <u>FINISHES TO EXISTING WAREHOUSE</u>  |      |      |      |       |
|                              | <u>Painting &amp; Decoration Works</u>   |      |      |      |       |
| A                            | Rub down existing painted/applied surfaces to remove dirt, stains, debris, loose paint flakes; with and including scaffolding and necessary equipment upto 10 meters above ground level; clean surface and prepare surface to receive new paint; including all necessary repairs and make good disturbed areas | 2044 | sm   |      |       |
| B                            | Prepare and apply two finishing coats of first quality silk vinyl plastic emulsion paint; to plastered surfaces; walls; beams; columns; internal   | 1120 | sm   |      |       |
| C                            | Prepare and apply two finishing coats of first quality permacoat 'weather guard' exterior paint to existing external rendered surfaces of walls; beams; columns; external  | 856  | sm   |      |       |
| D                            | Prepare and apply one undercoat and two finishing coats of first quality gloss oil paint; to metal surfaces of columns along walkway; external & internal  | 68   | sm   |      |       |
|                              | <u>Floor Finishes</u>  |      |      |      |       |
|                              | <u>Insitu Finishings</u>   |      |      |      |       |
|                              | <u>Beds or Backings</u>  |      |      |      |       |
|                              | <u>Screed; cement and sand (1:3)</u>   |      |      |      |       |
| E                            | 50mm thick one coat backings; with approved integral dust proofing additive and hardeners; wood floated; smooth trowelled; to concrete or blockwork base; to floors level; internal  | 570  | sm   |      |       |
| F                            | 150 x 25mm thick screed skirting   | 124  | lm   |      |       |
|                              | <u>Gauze Wire to Vent Blocks of Warehouse</u>  |      |      |      |       |
| G                            | Supply and fix vermin proof mosquito gauze wire dressing to existing concrete vent blocks; including all other fixing accessories; external  | 96   | sm   |      |       |
| <i>Carried to Collection</i> |  |      |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                                | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|-------------------------------------|---|-----|------|------|-------|
|                                     | <u>WORKS TO INTERNAL OFFICES</u>  |     |      |      |       |
|                                     | <u>Floor finishes to Offices</u>  |     |      |      |       |
|                                     | <u>In situ Finishings</u>   |     |      |      |       |
|                                     | <u>Approved; premium quality; non-slip; Granito floor tiles to regular or other approved pattern; bedding and jointing in cement sand (1:4) mortar; grouting with matching cement</u>   |     |      |      |       |
| A                                   | 10mm Thick to Floors level; to Office area; internal  | 36  | sm   |      |       |
| B                                   | Skirtings; 100mm wide with rounded junction with wall finish and coved junction with floor finish   | 12  | lm   |      |       |
|                                     | <u>Beds or Backings</u>   |     |      |      |       |
|                                     | <u>Screed; cement and sand (1:3)</u>  |     |      |      |       |
| C                                   | 32mm thick one coat backings; wood floated to receive granito floor tiles (m/s) to concrete or blockwork base; to floors level; internal  | 36  | sm   |      |       |
|                                     | <u>Ceiling Finishes to Offices</u>  |     |      |      |       |
|                                     | <u>Suspended accoustic ceiling; taped and filled joints; on and including metal grid system; including all cutting and trimming to light fittings:</u>  |     |      |      |       |
| D                                   | 600 x 600mm perforated gypsum panels or any other equal and approved; as suspended accoustic ceiling; including all the necessary aluminium suspended framing and branderings, panels suspension hangers, flush jointing and trap doors | 36  | sm   |      |       |
| E                                   | Extra for standard panels with recess chrome light fitting (m/s)  | 6   | no   |      |       |
|                                     | <u>Existing Aluminium Doors to Offices</u>  |     |      |      |       |
| F                                   | Ball bearing stainless steel hinges: ref. HN-BB-403030 SS   | 3   | prs  |      |       |
| G                                   | Oval satin nickle floor/ wall mounted door stop: ref. DS-C1 SN  | 2   | no   |      |       |
| H                                   | Euro cylinder lockset with solid steel handle on rose: ref. QDS-051/85 SS   | 2   | no   |      |       |
| I                                   | Retro 4 with square steel cover heavy duty door closer: ref. JRETRO4  | 2   | no   |      |       |
| J                                   | Stainless steel kicking plate sized to order: ref. KP-800-200 AS  | 2   | no   |      |       |
|                                     | <u>Heavy Duty Executive Window Blinds to existing Windows</u>   |     |      |      |       |
| K                                   | Supply and fix high quality executive window blinds; slate blinds each size 125mm wide x 210mm Thick; including all fixing accessories; to general glazed window surfaces; as per samples approved by the Project Architect             | 14  | sm   |      |       |
| <b><i>Carried to Collection</i></b> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <p><u>EXTERNAL FIRE ESCAPE DOORS</u></p> <p><u>Heavy duty section mild steel doors with one coat red lead oxide primer complete</u></p>   |     |      |      |       |
| A                            | <p>One hour (1 Hour) fire resistant mild steel panel single leaf door and frame overall size 900 x 2400 mm High; prepared for viewing panel, panic bolt, push bar all other escape hardware; complete with all ironmongery and accessories</p>    | 2   | no   |      |       |
|                              | <p><u>MAIN ENTRANCE CANOPY</u></p>  |     |      |      |       |
| B                            | <p>Re-fix galvanized IT5 box profiled roofing sheets; as Canopy to the Main Entrance; approx. 5500mm above the ground level; fixed to steel truss members; including all the necessary fixing accessories; all to Project Architect's details</p> | 22  | sm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>FORKLIFT CHARGING AREA</u>   |     |      |      |       |
|                              | <u>Canopy to Forklift Charging Area</u>   |     |      |      |       |
| A                            | Supply and fix galvanized IT5 box profiled roofing sheets; as Canopy to the Forklift charging area; approx. 3600mm above the ground level; fixed to steel truss members; including all the necessary fixing accessories | 28  | sm   |      |       |
|                              | <u>Ramp to Forklift Charging Area</u>   |     |      |      |       |
|                              | <u>Excavations and Earth works</u>  |     |      |      |       |
| B                            | Bulk excavation to reduce levels not exceeding 1.50 metres deep starting from general ground level  | 9   | cm   |      |       |
| C                            | Load and cart away excavated material   | 9   | cm   |      |       |
|                              | <u>Hard core Filling as described.</u>  |     |      |      |       |
| D                            | Imported hardcore filling including depositing levelling and compacting in layers of 150mm maximum thickness n.e 1.5 mm.  | 28  | sm   |      |       |
| E                            | 50mm thick Quarry dust blinding to surfaces of hardcore :rolled smooth to receive polytheen sheeting (m.s)  | 28  | sm   |      |       |
|                              | <u>Antitermite treatment</u>  |     |      |      |       |
| F                            | PREMISE 200CC' or other equal and approved insecticide with a ten-years guarantee to surfaces of fill   | 28  | sm   |      |       |
|                              | <u>Damp proofing</u>  |     |      |      |       |
| G                            | 1000 gauge polythene or other equal and approved plastic sheet damp proof memebbrane laid over blinding (measured nett- allo for laps)  | 28  | sm   |      |       |
|                              | <u>In-situ concrete</u>   |     |      |      |       |
|                              | <u>Vibrated reinforced concrete ; 1:1<sup>1</sup>/<sub>2</sub>:3/ Class 25/20:as described</u>  |     |      |      |       |
| H                            | 200mm thick bed   | 28  | sm   |      |       |
|                              | <u>Mesh reinforcement ; B.S. 4483</u>   |     |      |      |       |
| I                            | Reference A142 mesh 200 x 200 mm , weight 2.22 kgs per square meter (measured net - no allowance made for laps) including bends, tying wire and distance blocks   | 28  | sm   |      |       |
|                              | <u>Sawn formwork to insitu concrete as described:</u>   |     |      |      |       |
| J                            | Edges of ground floor slab; 75 to 150mm wide  | 20  | lm   |      |       |
|                              | <u>Beds or Backings</u>   |     |      |      |       |
|                              | <u>Screed; cement and sand (1:3)</u>  |     |      |      |       |
| K                            | 50mm thick one coat backings; with approved integral dust proofing additive; wood floated; to concrete or blockwork base to concrete base; to floors level; external  | 28  | sm   |      |       |
| <b>Carried to Collection</b> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------|--|-----|------|------|-------|
|      | <p><u>COLLECTION</u></p> <p>From page WH / 1</p> <p>From pege WH / 2</p> <p>From page WH / 3</p> <p>From page WH / 4</p> <p>From page WH / 5</p> |     |      |      |       |
|      | <b>TOTAL FOR COMPLETION WORKS TO WAREHOUSE CARRIED TO<br/>GRAND SUMMARY</b>  |     |      |      |       |

**COMPLETION WORKS TO  
FLAMMABLE STORE**



PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM  | DESCRIPTION  | QTY  | UNIT | RATE | K.SHS |
|---|--|------|------|------|-------|
|   | <b><u>COMPLETION WORKS TO EXISTING<br/>FLAMMABLE STORE</u></b>   |      |      |      |       |
|   | <u>NEW WORKS</u>   |      |      |      |       |
|   | <u>FINISHES TO EXISTING WAREHOUSE</u>  |      |      |      |       |
|   | <u>Painting &amp; Decoration Works</u>   |      |      |      |       |
| A   | Rub down existing painted/applied surfaces to remove dirt, stains, debris, loose paint flakes; with and including scaffolding and necessary equipment upto 10 meters above ground level; clean surface and prepare surface to receive new paint; including all necessary repairs and make good disturbed areas | 1098 | sm   |      |       |
| B   | Prepare and apply two finishing coats of first quality silk vinyl plastic emulsion paint; to plastered surfaces; walls; beams; columns; soffits of ceiling: internal   | 590  | sm   |      |       |
| C   | Prepare and apply two finishing coats of first quality permacoat 'weather guard' exterior paint to existing external rendered surfaces of walls; beams; columns; external  | 492  | sm   |      |       |
| D   | Prepare and apply one undercoat and two finishing coats of first quality gloss oil paint; to metal surfaces of steel doors; external   | 16   | sm   |      |       |
|   | <u>Floor Finishes</u>  |      |      |      |       |
|   | <u>Insitu Finishings</u>   |      |      |      |       |
|   | <u>Beds or Backings</u>  |      |      |      |       |
|   | <u>Screed; cement and sand (1:3)</u>   |      |      |      |       |
| E   | 50mm thick one coat backings; with approved integral dust proofing additive and hardeners; wood floated; smooth trowelled; to concrete or blockwork base; to floors level; internal  | 78   | sm   |      |       |
| F   | 150 x 25mm thick screed skirting   | 36   | lm   |      |       |
| <b>TOTAL FOR COMPLETION WORKS TO FLAMMABLE STORE<br/>CARRIED TO GRAND SUMMARY</b> |  |      |      |      |       |

# **PUMP HOUSE**

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <b><u>PUMP HOUSE</u></b>  |     |      |      |       |
|                              | <u>ELEMENT NO. 1</u>  |     |      |      |       |
|                              | <u>SUBSTRUCTURES (ALL PROVISIONAL)</u>  |     |      |      |       |
|                              | <u>Site clearance</u>   |     |      |      |       |
| A                            | Clear the site off grass, shrubs and all vegetation; cart away as directed                                      | 12  | sm   |      |       |
|                              | <u>Oversite excavation</u>  |     |      |      |       |
| B                            | Excavate vegetable soil average 200mm deep to remove vegetable soil and reduce levels and cart away as directed | 12  | sm   |      |       |
|                              | <u>Excavation</u>   |     |      |      |       |
| C                            | Excavate oversite to reduce levels commencing from stripped level exceeding 1.50 meters deep.                   | 18  | cm   |      |       |
| D                            | Excavate foundation trench starting from reduced level not exceeding 1.50 meters deep.                          | 6   | cm   |      |       |
| E                            | Extra-over all excavation for excavating rock irrespective of class.  | 3   | cm   |      |       |
| F                            | Return, fill-in and rum selected excavated materials around foundations   | 3   | cm   |      |       |
| G                            | Remove and cart away surplus excavated materials.   | 20  | cm   |      |       |
|                              | <u>Diposal of water</u>   |     |      |      |       |
| H                            | Keeping all excavations free from all water including spring or running water                                   |     | Item |      |       |
|                              | <u>Planking and strutting</u>   |     |      |      |       |
| I                            | Uphold the sides of all excavations   |     | Item |      |       |
|                              | <u>Filling</u>  |     |      |      |       |
| J                            | Hardcore filling in making up levels,exceeding 300mm thick in layers of 150mm maximum thickness                 | 15  | cm   |      |       |
| K                            | 50mm (average) thick quarry dust blinding to surfaces of hardcore   | 10  | sm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------------------------------|--|-----|------|------|-------|
| A                            | <u>Antitermite treatment</u><br>Premise 200 SC' or other equal and approved anti-termite insecticide treatment with ten years guarantee, applied strictly in accordance with manufacturer's instructions, to tops of fill and foundation walls | 12  | sm   |      |       |
| B                            | <u>Concrete</u><br>50mm thick mass concrete class Q (1:3:6) to bottoms of foundations  | 4   | sm   |      |       |
| C                            | <u>Insitu concrete; reinforced; class 25 / 20; vibrated</u><br>Foundations in trenches irrespective of thickness   | 1   | cm   |      |       |
| D                            | 150mm thick bed  | 12  | sm   |      |       |
| E                            | Extra over for raising of bed size 300mm wide x 600mm deep x 100mm thick; as platform for pump; including dressing polythene sheeting to profile and any additional fabric reinforcement; all to specifications                                | 15  | lm   |      |       |
| F                            | <u>Reinforcement</u><br><u>Bars; high yield steel; cold worked to B.S. 4461 and mild steel hot rolled to B.S. 4449; including bends, hooks, tying wire and distance blocks</u><br>Assorted sizes; 8 - 25mm Diameter                            | 125 | kg   |      |       |
| G                            | <u>Fabric; B.S. 4483</u><br>Reference A142 mesh 200 x 200 mm , weight 2.22 kgs per square meter (measured net - no allowance made for laps including bends, tying wire and distance blocks)  | 12  | sm   |      |       |
| <i>Carried to Collection</i> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------------------------------|--|-----|------|------|-------|
|                              | <u>Sawn formwork to insitu concrete as described:-</u>   |     |      |      |       |
| A                            | To sides; vertical or battering of foundations or the like   | 3   | sm   |      |       |
| B                            | Edges of ground floor slab; 75 to 150mm wide   | 14  | lm   |      |       |
|                              | <u>Walling</u>   |     |      |      |       |
| C                            | 200mm thick approved natural coral block walling; local; roughly squared to foundation walling; bedding and jointing in cement sand (1:3) mortar       | 21  | sm   |      |       |
|                              | <u>Damp proofing</u>   |     |      |      |       |
| D                            | Polythene sheet; 500 gauge, 200mm welted laps (no allowance made to laps), horizontal; 1 no. layer laid on compacted quarry dust blinding              | 12  | sm   |      |       |
| E                            | 150mm wide; B.S. 743 Type A bitumen hessian base 150 mm laps (no allowance made for laps); horizontal, 1 no. layer, bedded in cement sand (1:3) mortar | 12  | lm   |      |       |
|                              | <u>Insitu Finishings</u>   |     |      |      |       |
| F                            | 14mm thick 2 No. coatwork cement sand (1:3) render; wood floated to concrete or blockwork base to walls; external                                      | 7   | sm   |      |       |
|                              | <u>Painting and Decorations</u>  |     |      |      |       |
|                              | <u>Prepare and apply three coats bituminous paint to:</u>  |     |      |      |       |
| G                            | Wood floated rendered plinths over 300mm girth   | 7   | sm   |      |       |
| <i>Carried to Collection</i> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM  | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|---|--|-----|------|------|-------|
|   | <p><u>COLLECTION</u></p> <p>From page PH / 1</p> <p>From page PH / 2</p> <p>From page PH / 3</p> |     |      |      |       |
| <b>TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY</b> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                                      | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|---|--|-----|------|------|-------|
|   | <u>ELEMENT NO. 2</u>   |     |      |      |       |
|   | <u>FRAME</u>   |     |      |      |       |
|   | <u>Insitu concrete; reinforced; class 25 / 20; vibrated</u>  |     |      |      |       |
| A   | Beams  | 1   | cm   |      |       |
|   | <u>Reinforcement (All provisional)</u>   |     |      |      |       |
|   | <u>Bars; high yield steel; cold worked to B.S. 4461 and mild steel hot rolled to B.S. 4449; including bends, hooks, tying wire and distance blocks</u> |     |      |      |       |
| B   | Assorted sizes; 8 - 25mm Diameter  | 125 | kg   |      |       |
|   | <u>Sawn formwork to insitu concrete as described:-</u>   |     |      |      |       |
| C   | To sides and soffits of beams.   | 12  | sm   |      |       |
| <b>TOTAL FOR FRAME CARRIED TO SUMMARY</b> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM   | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|--|--|-----|------|------|-------|
|  | <u>ELEMENT NO. 3</u>   |     |      |      |       |
|  | <u>SUPERSTRUCTURE WORKS</u>  |     |      |      |       |
|  | <u>Precast concrete grade 20(12mm aggregate) including formwork, finishing fair on all exposed surfaces and hoisting and placing in position, bedding, jointing and pointing in cement and sand (1:3) mortar</u> |     |      |      |       |
| A  | 200 x 200 mm Lintel reinforced with and including two 12mm diameter mild steel rods hooked at ends   | 3   | lm   |      |       |
|  | <u>NATURAL CORAL BLOCK WALLING</u>   |     |      |      |       |
| B  | 200 mm thick approved natural coral block walling; local; chisel dressed both sides; bedding, jointing and pointing in cement sand (1:3) mortar; external  | 42  | sm   |      |       |
| C  | 200 mm eaves filling, 200mm high including dressing between rafters  | 14  | lm   |      |       |
| D  | Extra over horizontal and vertical pointing in 10mm thick rod in cement and sand (1:3) mortar; one coat of bituminous  | 42  | sm   |      |       |
| E  | 150mm thick concrete louvre vent blocks in cement mortar including vermin proof mosquito gauze wire dressing at top and bottom   | 15  | sm   |      |       |
|  | <u>METAL WORK</u>  |     |      |      |       |
|  | <u>PURPOSE-MADE UNITS</u>  |     |      |      |       |
| F  | Supply and fix 152 x 89 x 16kg/m mild steel universal support; fixed to raised concrete base; including all the necessary accessories; as directed   | 288 | kgs  |      |       |
|  | <u>Accessories:</u>  |     |      |      |       |
|  | <u>Bolts grade 4-6 to BS. 4190 with nut and washer.</u>  |     |      |      |       |
| G  | 20mm diameter 100mm long Y-bolts embedded in concrete .  | 8   | no   |      |       |
|  | <u>Holes</u>   |     |      |      |       |
| H  | Drill holes in concrete for 20mm diameter bolts  | 8   | no   |      |       |
| <b>TOTAL FOR SUPERSTRUCTURE WORKS CARRIED TO SUMMARY</b> |  |     |      |      |       |



PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------------------------------|--|-----|------|------|-------|
|                              | <u>ELEMENT NO. 4</u>   |     |      |      |       |
|                              | <u>ROOFING CONSTRUCTION.</u>   |     |      |      |       |
|                              | <u>Galvanized steel IT5 box profile sheets; 28gauge; prepainted</u>  |     |      |      |       |
| A                            | Roof covering; 150mm laps on one end and one and a half corrugation side lap; and nailing to 75 x 50mm celcured sawn cypress purlins (m/s)                       | 16  | sm   |      |       |
|                              | <u>Accessories, fixing as necessary to roof sheets</u>   |     |      |      |       |
| B                            | 150mm dia. Half round ridge cap  | 4   | lm   |      |       |
| C                            | Extra over roofing sheets for raking cutting   | 3   | lm   |      |       |
|                              | <u>CARPENTRY</u>   |     |      |      |       |
|                              | <u>The following in sawn celcured cypress</u>  |     |      |      |       |
| D                            | 100 x 50mm wall plate rag-bolted at 1200mm centres with 12mm diameter bolts (m/s)  | 12  | lm   |      |       |
| E                            | 200 x 50mm ridge board   | 4   | lm   |      |       |
|                              | <u>The following in 3No. sawn celcured cypress timber trusses, bolted connections, spanning 3400mm hoisting approximately 3000mm above the ground floor slab</u> |     |      |      |       |
| F                            | 150 x 50mm rafter  | 16  | lm   |      |       |
| G                            | Ditto; Joists  | 18  | lm   |      |       |
| H                            | 100 x 50mm sawn cypress kingposts  | 4   | lm   |      |       |
| I                            | Ditto sawn cypress struts and ties   | 22  | lm   |      |       |
| J                            | 75 x 50mm sawn cypress purlins nailed to truss.  | 48  | lm   |      |       |
| <i>Carried to Collection</i> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------|--|-----|------|------|-------|
|      | <u>The following in wrot cypress</u>   |     |      |      |       |
| A    | 200 x 25mm thick fascia boards   | 14  | lm   |      |       |
| B    | 25 x 100mm Tongue & Grooved boarding secret nailed to and including 50 x 50mm celcured wrot cypress bearers or brandering at 600mm centres   | 9   | sm   |      |       |
|      | <u>Labour and material (Provisional)</u>   |     |      |      |       |
| C    | 12mm diameter rag bolt, 200mm long complete with and including head, nut and two washers; cast into and including mortice in stone or concrete and run with cement and sand (1:3) mortar | 30  | no   |      |       |
| D    | Drill 50mm thick timber to receive 12mm dia. Bolt (m/s)  | 30  | no   |      |       |
|      | <u>RAINWATER DISPOSAL</u>  |     |      |      |       |
| E    | 150mm half-round uPVC gutter including soldered joints in the running length fixed to fascia board with and including brackets at approved centers                                       | 14  | lm   |      |       |
| F    | Extra; for 90 <sup>0</sup> corners.  | 2   | no   |      |       |
| G    | Extra; 100mm dia.outlet 100mm long   | 2   | no   |      |       |
| H    | 100mm dia. uPVC rainwater downpipe fixed with and including mild steel straps at 900mm centres, plugged and screwed to wall  | 12  | lm   |      |       |
| I    | Extra; swanneck bend with 1135mm projection  | 2   | no   |      |       |
| J    | Extra; horse shoe bend   | 2   | no   |      |       |
|      | <i>Carried to Collection</i>   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM  | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|---|--|-----|------|------|-------|
|   | <u>Painting and Decorations</u><br><br><u>On Woodwork</u><br><br><u>Prepare and apply one zinc plumbate primer and three coats of 'CROWN SOLO' or other equal and approved super gloss oil paint to:-</u>  |     |      |      |       |
| A   | Fascias; 200 to 300mm girth; external<br><br><u>Tongue &amp; Grooved timber surfaces</u><br><br><u>Prepare and apply three coats of 'CROWN SOLO' or other equal and approved polyurethane varnish to:-</u> | 14  | lm   |      |       |
| B   | Surfaces of eaves; over 300mm girth external   | 9   | sm   |      |       |
| <i>Carried to collection</i>                          |  |     |      |      |       |
|   | <u>COLLECTION</u><br><br>From page PH / 7<br><br>From page PH / 8<br><br>From page PH / 9 (Above)  |     |      |      |       |
| <b>TOTAL FOR ROOF CONSTRUCTION CARRIED TO SUMMARY</b> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                                      | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|---|---|-----|------|------|-------|
|   | <u>ELEMENT NO. 5</u>  |     |      |      |       |
|   | <u>DOORS</u>  |     |      |      |       |
|   | <u>External Doors</u>   |     |      |      |       |
|   | <u>Heavy duty section mild steel doors with one coat red lead oxide primer complete</u>   |     |      |      |       |
| A   | Standard mild steel louvred double leaf door and frame overall size 2400 x 2400 mm High; including all iron mongery accessories                           | 1   | no   |      |       |
|   | <u>Iron mongery</u>   |     |      |      |       |
|   | <u>Supply and fix the following to UNION catalogue or other equal and approved</u>  |     |      |      |       |
|   | <i>To softwood, hardwood or the like fixing with screws</i>   |     |      |      |       |
|   | <u>Metal fixing cramps</u>  |     |      |      |       |
| B   | 250 x 25 x 2 mm thick L-shaped mild steel fixing cramps one end split and fanged and built into natural stone wall other end drilled and screwed to frame | 4   | no   |      |       |
| C   | Four lever rebated steel door lock.   | 1   | no   |      |       |
| D   | 300mm diameter D handle   | 1   | no   |      |       |
|   | <u>Painting and Decorations</u>   |     |      |      |       |
|   | <u>Prepare and apply one coat etching primer, one undercoat and two coats gloss oil paint to Crown Solo or other equal and approved to:</u>               |     |      |      |       |
| E   | General metal surfaces of doors   | 6   | sm   |      |       |
| <b>TOTAL FOR DOORS CARRIED TO SUMMARY</b> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>ELEMENT NO. 6</u>  |     |      |      |       |
|                              | <u>FINISHES</u>   |     |      |      |       |
|                              | <u>Wall finishes</u>  |     |      |      |       |
|                              | <u>In situ finishes</u>   |     |      |      |       |
|                              | <u>Render; 18mm thick, 1 No. coatwork of cement and sand (1:3); wood floated to concrete or blockwork base generally to:</u>  |     |      |      |       |
| A                            | Beams; walls; external  | 42  | sm   |      |       |
|                              | <u>Plaster; 18mm thick, 2 No. coatwork, 15mm first coat of cement sand (1:3); 3mm second coat of cement and lime putty (1:9); steel trowelled to concrete or blockwork base generally to:</u> |     |      |      |       |
| B                            | Walls, beams; internal  | 42  | sm   |      |       |
|                              | <u>Painting and decorations</u>   |     |      |      |       |
|                              | <u>Prepare and apply three coats of first quality plastic emulsion paint to:</u>  |     |      |      |       |
| C                            | Plastered walls; beams; internal  | 42  | sm   |      |       |
| D                            | Rendred beams and columns; external   | 42  | sm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>Floor finishes</u>   |     |      |      |       |
|                              | <u>In situ Finishings</u>   |     |      |      |       |
|                              | <u>Beds or Backings</u>   |     |      |      |       |
|                              | <u>Screed; cement and sand (1:3)</u>  |     |      |      |       |
| A                            | 40mm thick one coat backings; with approved integral dust proofing additive; wood floated; smooth trowelled; to concrete or blockwork base; to floors level; internal | 10  | sm   |      |       |
| B                            | 100 x 20mm thick coloured screed skirting   | 14  | lm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM   | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|--|---|-----|------|------|-------|
|  | <p><b><u>COLLECTION</u></b></p> <p>From page PH / 11</p> <p>From page PH / 12</p> |     |      |      |       |
| <b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM   | DESCRIPTION                    | QTY | UNIT | RATE     | K.SHS |
|--|--------------------------------|-----|------|----------|-------|
|  | <u>SUMMARY</u>                 |     |      |          |       |
| ELEMENT NO.  | TITLE                          |     |      | PAGE NO. |       |
| 1  | SUBSTRUCTURE (ALL PROVISIONAL) |     |      | PH / 4   |       |
| 2  | FRAME                          |     |      | PH / 5   |       |
| 3  | SUPERSTRUCTURE WORKS           |     |      | PH / 6   |       |
| 4  | ROOF CONSTRUCTION.             |     |      | PH / 9   |       |
| 5  | DOORS                          |     |      | PH / 10  |       |
| 6  | FINISHES                       |     |      | PH / 13  |       |
| <b>TOTAL FOR PUMP HOUSE CARRIED TO GRAND SUMMARY</b> |                                |     |      |          |       |



**WORKS TO ABLUTION  
BLOCK**

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------|---|-----|------|------|-------|
|      | <b><u>WORKS TO EXISTING ABLUTION BLOCK</u></b>  |     |      |      |       |
|      | <u>DEMOLITIONS AND ALTERATIONS</u><br><u>(All Provisional)</u>  |     |      |      |       |
|      | <u>The items of demolitions and removal shall include shoring making good disturbed areas to match existing and loading and carting away debris unless otherwise specified</u>              |     |      |      |       |
| A    | Carefully demolish existing 200mm thick natural stone walling; and cart away debris as directed   | 70  | sm   |      |       |
| B    | Carefully remove existing galvanized IT5 roofing sheets; including timber truss members, rain-water disposal goods and all other accessories; and cart away from site and store as directed | 32  | sm   |      |       |
| C    | Carefully hack out existing floor finish; including screed backing & skirting; internal floor level; and cart away arisings from site as directed   | 18  | sm   |      |       |
| D    | Carefully hack out existing ceramic wall tiles; including screed backing internal; cart away from site as directed  | 102 | sm   |      |       |
| E    | Carefully remove existing ceiling finish; including brandering and other fixing accessories; and cart away and store as directed  | 18  | sm   |      |       |
| F    | Carefully remove existing solid - core timber doors; overall door size 900 x 2100mm High; including frames and all other accessories; and cart away and store as directed                   | 5   | no   |      |       |
| G    | Ditto but to mild steel panel door; overall size 900 x 2400mm High  | 2   | no   |      |       |
| H    | Carefully remove existing steel casement windows; including frames and all other accessories; and cart away and store as directed   | 46  | sm   |      |       |
|      | <i>Carried to Collection</i>  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>NEW WORKS</u>  |     |      |      |       |
|                              | <u>Natural Coral Block Walling</u>  |     |      |      |       |
| A                            | 200 mm thick approved natural coral block walling local; chisel dressed both sides; bedding, jointing and pointing in cement sand (1:3) mortar; internal                                      | 70  | sm   |      |       |
|                              | <u>Plaster; 18mm thick, 2 No. coatwork, 15mm first coat of cement sand (1:3); 3mm second coat of cement and lime putty (1:9); steel trowelled to concrete or blockwork base generally to:</u> |     |      |      |       |
| B                            | Walls, beams; internal  | 70  | sm   |      |       |
|                              | <u>Painting &amp; Decoration Works to Existing Masonry Walls</u>  |     |      |      |       |
| C                            | Rub down existing coat of paint clean surface and prepare surface to receive new paint  | 224 | sm   |      |       |
| D                            | Prepare and apply one undercoat and two finishing coats of first quality silk vinyl plastic emulsion paint; to plastered wall & beam surfaces; internal                                       | 104 | sm   |      |       |
| E                            | Prepare and apply one undercoat and two finishing coats of first quality silk vinyl plastic emulsion paint; to rendered wall & beam surfaces; external  | 120 | sm   |      |       |
|                              | <u>Tile, Slab or Block Finishings</u>   |     |      |      |       |
|                              | <u>Approved ceramic tiles to B.S. 1281; local; white glazed wall tiles to regular or approved other pattern; bedding and jointing in cement sand (1:4) mortar, grouting with white cement</u> |     |      |      |       |
| F                            | 6mm thick; butt joints straight both ways; to cement sand base (m/s) to walls internal  | 102 | sm   |      |       |
| G                            | Plastic edging (provisional)  | 86  | lm   |      |       |
|                              | <u>Beds or Backings</u>   |     |      |      |       |
|                              | <u>Render; cement and sand (1:3)</u>  |     |      |      |       |
| H                            | 14mm thick one coat backings; wood floated to receive ceramic tiles (m/s) to concrete base; to walls internal   | 102 | sm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>Floor finishes</u><br><br><u>In situ Finishings</u><br><br><u>Approved; premium quality; non-slip; Ceramic floor tiles to regular or other approved pattern; bedding and jointing in cement sand (1:4) mortar; grouting with matching cement</u> |     |      |      |       |
| A                            | 8mm Thick to Floors level; internal   | 18  | sm   |      |       |
| B                            | Skirtings; 100mm wide with rounded junction with wall finish and coved junction with floor finish   | 52  | lm   |      |       |
|                              | <u>Beds or Backings</u><br><br><u>Screed; cement and sand (1:3)</u>   |     |      |      |       |
| C                            | 32mm thick one coat backings; wood floated to receive ceramic floor tiles (m/s) to concrete or blockwork base; to floors level; internal  | 18  | sm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                                | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|-------------------------------------|--|-----|------|------|-------|
|                                     | <u>Ceiling Finishes</u>  |     |      |      |       |
| A                                   | 100 x 100 mm decorative polystyrene cornice  | 52  | lm   |      |       |
|                                     | <u>Approved sawn softwood; second grade; pressure impregnated.</u>   |     |      |      |       |
| B                                   | 50 x 50mm brandering   | 65  | lm   |      |       |
| C                                   | 75 x 50mm ditto; plugged   | 52  | lm   |      |       |
|                                     | <u>PLAIN SHEET FINISHINGS</u>  |     |      |      |       |
|                                     | <u>Gypsum Ceiling</u>  |     |      |      |       |
| D                                   | 15mm thick internal quality Gypsum plasterboard ceilings in 2400 x 1200mm panels fixed to mild steel channels onto 50 × 50mm sawn cypress brandering (m.s) at 600mm centers both directions; fixed with clout headed nails and set out on symmetrical panels; with taped and filled joints | 18  | sm   |      |       |
|                                     | <u>Painting and Decorations</u>  |     |      |      |       |
|                                     | <u>Prepare and apply one undercoat and two finishing coats silk vinyl emulsion paint to:</u>   |     |      |      |       |
| E                                   | Gypsum ceiling boards  | 18  | sm   |      |       |
| F                                   | Moulded cornice not exceeding 100mm girth  | 52  | lm   |      |       |
| <b><i>Carried to Collection</i></b> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------------------------------|--|-----|------|------|-------|
|                              | <u>ROOFING CONSTRUCTION.</u>   |     |      |      |       |
|                              | <u>Galvanized steel IT5 box profile sheets; 28gauge; prepainted</u>  |     |      |      |       |
| A                            | Roof covering; 200mm laps on one end and one and a half corrugation side lap; and nailing to 75 x 50mm celcured sawn cypress purlins (m/s)                       | 30  | sm   |      |       |
|                              | <u>Accessories, fixing as necessary to roof sheets</u>   |     |      |      |       |
| B                            | 150mm dia. Half round ridge cap  | 7   | lm   |      |       |
| C                            | Extra over roofing sheets for raking cutting   | 8   | lm   |      |       |
|                              | <u>CARPENTRY</u>   |     |      |      |       |
|                              | <u>The following in sawn celcured cypress</u>  |     |      |      |       |
| D                            | 100 x 50mm wall plate rag-bolted at 1200mm centres with 12mm diameter bolts (m/s)  | 36  | lm   |      |       |
| E                            | 200 x 50mm ridge board   | 7   | lm   |      |       |
|                              | <u>The following in 5No. sawn celcured cypress timber trusses, bolted connections, spanning 6200mm hoisting approximately 3000mm above the ground floor slab</u> |     |      |      |       |
| F                            | 150 x 50mm rafter  | 12  | lm   |      |       |
| G                            | Ditto; Joists  | 14  | lm   |      |       |
| H                            | 100 x 50mm sawn cypress kingposts  | 4   | lm   |      |       |
| I                            | Ditto sawn cypress struts and ties   | 16  | lm   |      |       |
| J                            | 75 x 50mm sawn cypress purlins nailed to truss   | 38  | lm   |      |       |
| <i>Carried to Collection</i> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------------------------------|--|-----|------|------|-------|
|                              | <u>The following in wrot cypress</u>   |     |      |      |       |
| A                            | 200 x 25mm thick facsia boards   | 20  | lm   |      |       |
| B                            | 25 x 100mm Tongue & Grooved boarding secret nailed to and including 50 x 50mm celcured wrot cypress bearers or brandering at 600mm centres   | 12  | sm   |      |       |
|                              | <u>Labour and material (Provisional)</u>   |     |      |      |       |
| C                            | 12mm diameter rag bolt, 200mm long complete with and including head, nut and two washers; cast into and including mortice in stone or concrete and run with cement and sand (1:3) mortar | 24  | no   |      |       |
| D                            | Drill 50mm thick timber to receive 12mm dia. Bolt (m/s)  | 24  | no   |      |       |
|                              | <u>RAIN-WATER DISPOSAL</u>   |     |      |      |       |
| E                            | 150mm half-round uPVC gutter including soldered joints in the running length fixed with and including brackets at approved centers   | 20  | lm   |      |       |
| F                            | Extra; for 90 <sup>0</sup> corners.  | 2   | no   |      |       |
| G                            | Extra; 100mm dia.outlet 100mm long   | 2   | no   |      |       |
| H                            | 100mm dia. uPVC rainwater downpipe fixed with and including mild steel straps at 900mm centres, plugged and screwed to wall  | 24  | lm   |      |       |
| I                            | Extra; swanneck bend with 1135mm projection  | 2   | no   |      |       |
| J                            | Extra; horse shoe bend   | 2   | no   |      |       |
| <i>Carried to Collection</i> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>DOORS</u>  |     |      |      |       |
|                              | <u>External Doors</u>   |     |      |      |       |
|                              | <u>Heavy duty section mild steel doors with one coat red lead oxide primer complete</u>   |     |      |      |       |
| A                            | Standard mild steel panel single leaf door and frame overall size 900 x 2400 mm High; prepared for glazing; complete with all ironmongery and accessories | 2   | no   |      |       |
|                              | <u>Wrot Mahogany framed frames and framings</u>   |     |      |      |       |
| B                            | 150 x 50mm frame with three labours : moulded screwed and pelleted  | 26  | lm   |      |       |
| C                            | 150 x 50mm Transome with four labours : moulded   | 5   | lm   |      |       |
| D                            | 75 x 25mm moulded architrave  | 34  | lm   |      |       |
| E                            | 20 x 25 mm quadrant beading   | 34  | lm   |      |       |
| F                            | 20 x 25 mm glazing beading  | 34  | lm   |      |       |
|                              | <u>50mm thick semi - solid core standard flush door faced both sides with mahogany veneer and hardwood lipped all round in:</u>                           |     |      |      |       |
| G                            | Door overall size 900 x 2000 mm high  | 5   | no   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |



PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                                | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|-------------------------------------|---|-----|------|------|-------|
|                                     | <u>DOORS (Cont'd)</u>   |     |      |      |       |
|                                     | <u>Ironmongery</u>  |     |      |      |       |
|                                     | <u>Supply and fix the following ironmongery from 'ASSA ABLOY' or other equal &amp; approved manufacturer including all necessary matching screws.</u> |     |      |      |       |
|                                     | <u>Toilets doors</u>  |     |      |      |       |
| A                                   | Indicator bolt "Vacant/Engaged": ref. 8084 SS   | 5   | no   |      |       |
| B                                   | Ball bearing stainless steel hinges: ref. HN-BB-403030 SS   | 8   | prs  |      |       |
| C                                   | Coat & hat hook - rubber tipped: ref. CH-39 SS  | 5   | no   |      |       |
| D                                   | Stainless steel pull handle, 150 x 19mm: ref. PHS-150-19 SS   | 5   | no   |      |       |
| E                                   | Roller catch - 70mm - Satin steel: ref. RC-02 SS  | 5   | no   |      |       |
| F                                   | Push plate: ref. PSP - 300 - 75 PB (PLB)  | 5   | no   |      |       |
| G                                   | Pull plate: ref. PLP - 300 - 75 PB (PLB)  | 5   | no   |      |       |
|                                     | <u>Steel Doors</u>  |     |      |      |       |
| H                                   | Four lever rebated steel door lock.   | 2   | no   |      |       |
| I                                   | 300mm diameter D handle   | 2   | no   |      |       |
| <b><i>Carried to Collection</i></b> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>Glazing</u>  |     |      |      |       |
|                              | <u>Supply and fix 6mm thick clear sheet glass to metal surfaces with beads</u>  |     |      |      |       |
| A                            | In panes of various sizes   | 2   | sm   |      |       |
|                              | <u>Painting and Decoration</u>  |     |      |      |       |
|                              | <u>Prepare and apply one coat of aluminium primer as "Basco Paints - Duracoat" or "Crown Paints" before fixing: to back of wood</u>         |     |      |      |       |
| B                            | Surfaces over 200 but not exceeding 300mm   | 34  | lm   |      |       |
| C                            | Surfaces over 100 but not exceeding 200mm   | 34  | lm   |      |       |
| D                            | Ditto: not exceeding 100mm  | 34  | lm   |      |       |
|                              | <u>Painting and Decoration (Cont'd)</u>   |     |      |      |       |
|                              | <u>Prepare and apply three coats of premium quality clear varnish as "Basco Paints - Duracoat" or "Crown Paints" to:</u>                    |     |      |      |       |
| E                            | Timber surfaces; externally   | 88  | sm   |      |       |
| F                            | Timber surfaces; internally   | 88  | sm   |      |       |
| G                            | Surfaces over 200 but not exceeding 300mm   | 106 | lm   |      |       |
| H                            | Surfaces over 100 but not exceeding 200mm   | 106 | lm   |      |       |
| I                            | Ditto; not exceeding 100mm  | 106 | lm   |      |       |
|                              | <u>Painting and Decorations</u>   |     |      |      |       |
|                              | <u>Prepare and apply one coat etching primer, one undercoat and two coats gloss oil paint to Crown Solo or other equal and approved to:</u> |     |      |      |       |
| J                            | General surfaces of metal doors   | 9   | sm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------------------------------|--|-----|------|------|-------|
|                              | <u>WINDOWS</u>   |     |      |      |       |
|                              | <u>Bull-nosed burnt clay, finishing fair on all exposed surfaces and hoisting and placing in position, bedding, jointing and pointing in pigmented cement and sand (1:3) mortar</u>  |     |      |      |       |
| A                            | 150 x 25mm thick clay window sill  | 7   | lm   |      |       |
|                              | <u>Wrot Cypress</u>  |     |      |      |       |
| B                            | 150 x 25 mm thick window boards including bull-nosed edges and 25 x 25 mm bearer; plugged, counter sinking and flush pelleting.  | 7   | lm   |      |       |
| C                            | 15 x 15mm quadrant bead  | 7   | lm   |      |       |
|                              | <u>METAL WORK</u>  |     |      |      |       |
|                              | <u>PURPOSE - MADE UNITS</u>  |     |      |      |       |
|                              | <u>Supply, assemble and fix the following purpose-made mild steel casement windows; standard metal section from approved manufacturer complete with frames, transomes, mullions and with and including permanent ventilators comprising "T" bar, gauze and 16 gauge sheet metal hood 50mm high x 50mm projection to full width of window, coupling mullions, approved ironmongery and one coat manufacturer's primer; all welding ground to smooth finish.</u> |     |      |      |       |
|                              | <i>Steel; for glazing with putty, lugs to two jambs, cutting and pinning to concrete or blockwork, fixing to head and sill with screws; plugging</i>   |     |      |      |       |
| D                            | Window, overall size 900 x 900mm high  | 3   | no   |      |       |
| E                            | Ditto but 600 x 600mm high   | 4   | no   |      |       |
| <i>Carried to Collection</i> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>WINDOWS (Cont'd)</u>   |     |      |      |       |
|                              | <u>Glazing</u>  |     |      |      |       |
| A                            | 6mm Thick obscure sheet glass panes over 0.1 but not exceeding 0.5 square meters; fixing with putty     | 4   | sm   |      |       |
|                              | <u>Painting and Decorations</u>   |     |      |      |       |
|                              | <u>On Metal work</u>  |     |      |      |       |
|                              | <u>Prepare and apply three coats oil paint full gloss to Crown Solo or other equal and approved to:</u> |     |      |      |       |
| B                            | General window surfaces; over 300mm girth internal  | 4   | sm   |      |       |
| C                            | General window surfaces; over 300mm girth external  | 4   | sm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------|---|-----|------|------|-------|
|      | <u>COLLECTION</u>   |     |      |      |       |
|      | From page AB / 1  |     |      |      |       |
|      | From pege AB / 2  |     |      |      |       |
|      | From page AB / 3  |     |      |      |       |
|      | From page AB / 4  |     |      |      |       |
|      | From page AB / 5  |     |      |      |       |
|      | From page AB / 6  |     |      |      |       |
|      | From pege AB / 7  |     |      |      |       |
|      | From page AB / 8  |     |      |      |       |
|      | From page AB / 9  |     |      |      |       |
|      | From page AB / 10   |     |      |      |       |
|      | From page AB / 11   |     |      |      |       |
|      | <b>TOTAL FOR WORKS TO ABLUTION BLOCK CARRIED TO GRAND<br/>SUMMARY</b> |     |      |      |       |

**PRE-FABRICATED OFFICE  
BLOCK**

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <b><u>PRE-FABRICATED OFFICE BLOCK</u></b>   |     |      |      |       |
|                              | <u>ELEMENT NO. 1</u>  |     |      |      |       |
|                              | <u>SUBSTRUCTURES (ALL PROVISIONAL)</u>  |     |      |      |       |
|                              | <u>Site clearance</u>   |     |      |      |       |
| A                            | Clear the site off grass, shrubs and all vegetation; cart away as directed                                      | 176 | sm   |      |       |
|                              | <u>Oversite excavation</u>  |     |      |      |       |
| B                            | Excavate vegetable soil average 200mm deep to remove vegetable soil and reduce levels and cart away as directed | 176 | sm   |      |       |
|                              | <u>Excavation</u>   |     |      |      |       |
| C                            | Excavate oversite to reduce levels commencing from stripped level exceeding 1.50 meters deep                    | 264 | cm   |      |       |
| D                            | Excavate foundation trench starting from reduced level not exceeding 1.50 meters deep.                          | 25  | cm   |      |       |
| E                            | Extra-over all excavation for excavating rock irrespective of class   | 62  | cm   |      |       |
| F                            | Return, fill-in and rum selected excavated materials around foundations   | 11  | cm   |      |       |
| G                            | Remove and cart away surplus excavated materials.   | 278 | cm   |      |       |
|                              | <u>Diposal of water</u>   |     |      |      |       |
| H                            | Keeping all excavations free from all water including spring or running water                                   |     | Item |      |       |
|                              | <u>Planking and strutting</u>   |     |      |      |       |
| I                            | Uphold the sides of all excavations   |     | Item |      |       |
|                              | <u>Filling</u>  |     |      |      |       |
| J                            | Hardcore filling in making up levels,exceeding 300mm thick in layers of 150mm maximum thickness                 | 240 | cm   |      |       |
| K                            | 50mm (average) thick quarry dust blinding to surfaces of hardcore   | 160 | sm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY  | UNIT | RATE | K.SHS |
|------------------------------|--|------|------|------|-------|
| A                            | <u>Antitermite treatment</u><br>Premise 200 SC' or other equal and approved anti-termite insecticide treatment with ten years guarantee, applied strictly in accordance with manufacturer's instructions, to tops of fill and foundation walls | 176  | sm   |      |       |
| B                            | <u>Concrete</u><br>50mm thick mass concrete class Q (1:3:6) to bottoms of foundations  | 49   | sm   |      |       |
| C                            | <u>Insitu concrete; reinforced; class 25 / 20; vibrated</u><br>Foundations in trenches irrespective of thickness   | 11   | cm   |      |       |
| D                            | 150mm thick bed  | 176  | sm   |      |       |
| E                            | <u>Reinforcement</u><br>Bars; high yield steel; cold worked to B.S. 4461 and mild steel hot rolled to B.S. 4449; including bends, hooks, tying wire and distance blocks  | 1375 | kg   |      |       |
| F                            | Assorted sizes; 8 - 25mm Diameter<br>Fabric; B.S. 4483   | 176  | sm   |      |       |
| G                            | Reference A142 mesh 200 x 200 mm , weight 2.22 kgs per square meter (measured net - no allowance made for laps) including bends, tying wire and distance blocks  | 33   | sm   |      |       |
| H                            | <u>Sawn formwork to insitu concrete as described:-</u><br>To sides; vertical or battering of foundations or the like   | 55   | lm   |      |       |
| I                            | Edges of ground floor slab; 75 to 150mm wide   | 122  | sm   |      |       |
| J                            | <u>Walling</u><br>200mm thick approved natural coral block walling; local; roughly squared to foundation walling; bedding and jointing in cement sand (1:3) mortar   | 176  | sm   |      |       |
| K                            | <u>Damp proofing</u><br>Polythene sheet; 500 gauge, 200mm welted laps (no allowance made to laps), horizontal; 1 no. layer laid on compacted quarry dust blinding  | 28   | sm   |      |       |
| L                            | <u>Insitu Finishings</u><br>14mm thick 2 No. coatwork cement sand (1:3) render; wood floated to concrete or blockwork base to walls; external  | 28   | sm   |      |       |
| M                            | <u>Painting and Decorations</u><br>Prepare and apply three coats bituminous paint to:<br>Wood floated rendered plinths over 300mm girth  | 48   | sm   |      |       |
|                              | <u>Paving Slabs</u><br>600 x 600 x 50 mm Precast concrete class 20/20 paving slabs, laid to falls on blinded hardcore surface and jointed in cement and sand (1:3) mortar  |      |      |      |       |
| <i>Carried to Collection</i> |  |      |      |      |       |



PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM  | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|---|--|-----|------|------|-------|
|   | <p><u>COLLECTION</u></p> <p>From page OFB / 1</p> <p>From page OFB / 2</p> |     |      |      |       |
| <b>TOTAL FOR SUBSTRUCTURES CARRIED TO SUMMARY</b> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM   | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|--|---|-----|------|------|-------|
|  | <u>ELEMENT NO. 2</u>  |     |      |      |       |
|  | <u>SUPERSTRUCTURE WORKS</u>   |     |      |      |       |
|  | <u>EPS Panels area finished on both sides with 35mm thick plaster with Class 20/20 and including flat mesh - 'U' meshes and angle meshes</u>  |     |      |      |       |
| A  | 80mm thick EPS slab panels; reinforced with high tensile 'U' mesh; all to approved details; as per manufacturers instructions; including all necessary fixing accessories                                     | 158 | sm   |      |       |
| B  | 80mm thick EPS panel; reinforced with high tensile 'U' mesh all to approved details; as per manufacturers instructions; including all necessary fixing accessories; as partition walling; external & internal | 486 | sm   |      |       |
| <b>TOTAL FOR SUPERSTRUCTURE WORKS CARRIED TO SUMMARY</b> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM  | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|---|--|-----|------|------|-------|
| A   | <p><u>ELEMENT NO. 3</u></p> <p><u>ROOFING CONSTRUCTION</u></p> <p><u>Galvanized steel IT5 box profile sheets; 28gauge; prepainted</u></p> <p>Supply and fix roof covering; 200mm laps on one end and one corrugation side lap; including and fixed to Aluminium-zinc Coated Steel roofing structures and accessories; as per manufacturer's instructions; including reinforced aluminium foil heat-insulation membrane and all the other necessary accessories; as directed by the Project Architect</p> | 186 | sm   |      |       |
| <b>TOTAL FOR ROOF CONSTRUCTION CARRIED TO SUMMARY</b> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------|---|-----|------|------|-------|
|      | <u>ELEMENT NO. 4</u>  |     |      |      |       |
|      | <u>DOORS</u>  |     |      |      |       |
|      | <u>Wrot Mahogany framed frames and framings</u>   |     |      |      |       |
| A    | 100 x 50 mm; 2 No. labours; plugged door frame  | 6   | lm   |      |       |
| B    | 40 x 35 mm moulded architrave   | 6   | lm   |      |       |
| C    | 25 x 25mm moulded quadrants   | 6   | lm   |      |       |
|      | <u>50mm thick solid core standard flush door faced both sides with mahogany veneer and hardwood lipped all round in:</u>  |     |      |      |       |
| D    | Door overall size 900 x 2100 mm high openable leaf; decorative beading all round the panel  | 1   | no   |      |       |
|      | <u>METAL-WORK</u>   |     |      |      |       |
|      | <u>PURPOSE - MADE UNITS</u>   |     |      |      |       |
|      | <u>Doors</u>  |     |      |      |       |
|      | <u>Fabricate, supply and fix/weld appropriately: mild steel casement doors; 100 x 50 x 3mm thick frame; 50 x 50 x 3mm thick angle section frames at 300mm centres both sides, angles cut, mitred and welded; panels infilled with glazing (m/s), one coat manufacturer's primer, complete with all necessary ironmongery; all welding ground to smooth finish</u> |     |      |      |       |
| E    | Single swing door size 900 x 2100 mm high   | 8   | no   |      |       |
|      | <u>Iron mongery</u>   |     |      |      |       |
|      | <u>Supply and fix the following to UNION catalogue or other equal and approved</u>  |     |      |      |       |
|      | <i>To softwood, hardwood or the like fixing with screws</i>   |     |      |      |       |
|      | <u>Supply and fix the following ironmongery from 'ASSA ABLOY' or other equal &amp; approved manufacturer including all necessary matching screws.</u>   |     |      |      |       |
|      | <u>Office Suites Entrance Door</u>  |     |      |      |       |
| F    | Ball bearing stainless steel hinges: ref. HN-BB-403030 SS   | 1   | prs  |      |       |
| G    | Oval satin nickle floor/ wall mounted door stop: ref. DS-C1 SN  | 2   | no   |      |       |
| H    | Euro cylinder lockset with solid steel handle on rose: ref. QDS-051/85 SS   | 2   | no   |      |       |
| I    | Retro 4 with square steel cover heavy duty door closer: ref. JRETRO4  | 2   | no   |      |       |
| J    | Stainless steel kicking plate sized to order: ref. KP-800-200 AS  | 2   | no   |      |       |
|      | <i>Carried to collection</i>  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------------------------------|--|-----|------|------|-------|
|                              | <u>Iron mongery (CONT'D )</u><br><u>To metal work or the like fixing with screws or welded smooth</u>  |     |      |      |       |
| A                            | Four lever rebated steel door lock.  | 8   | no   |      |       |
| B                            | 300mm diameter D handle  | 8   | no   |      |       |
|                              | <u>Glazing</u><br><u>Supply and fix 6mm thick clear sheet glass to metal casement doors</u>  |     |      |      |       |
| C                            | In panes of various sizes  | 3   | sm   |      |       |
|                              | <u>Painting and Decoration</u><br><u>Prepare and apply one coat of aluminium primer as "Basco Paints - Duracoat" or "Crown Paints" before fixing: to back of wood</u>          |     |      |      |       |
| D                            | Surfaces over 200 but not exceeding 300mm  | 6   | lm   |      |       |
| E                            | Surfaces over 100 but not exceeding 200mm  | 6   | lm   |      |       |
| F                            | Ditto: not exceeding 100mm   | 6   | lm   |      |       |
|                              | <u>Painting and Decoration (Cont'd )</u><br><u>Prepare and apply three coats of premium quality clear varnish as "Basco Paints - Duracoat" or "Crown Paints" to:</u>           |     |      |      |       |
| G                            | Timber surfaces; externally  | 4   | sm   |      |       |
| H                            | Timber surfaces; internally  | 4   | sm   |      |       |
| I                            | Surfaces over 200 but not exceeding 300mm  | 6   | lm   |      |       |
| J                            | Surfaces over 100 but not exceeding 200mm  | 6   | lm   |      |       |
| K                            | Ditto; not exceeding 100mm   | 6   | lm   |      |       |
|                              | <u>Painting and Decorations</u><br><u>Prepare and apply one coat etching primer, one undercoat and two coats gloss oil paint to Crown Solo or other equal and approved to:</u> |     |      |      |       |
| L                            | General surfaces of metal doors  | 35  | sm   |      |       |
| <i>Carried to Collection</i> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                                      | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|---|--|-----|------|------|-------|
|   | <p><u>COLLECTION</u></p> <p>From page OFB / 6</p> <p>From page OFB / 7</p> |     |      |      |       |
| <b>TOTAL FOR DOORS CARRIED TO SUMMARY</b> |  |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|---|---|-----|------|------|-------|
|   | <u>ELEMENT NO. 5</u>  |     |      |      |       |
|   | <u>WINDOWS</u>  |     |      |      |       |
|   | <u>Aluminium Windows</u>  |     |      |      |       |
| A   | Supply and fix powder coated aluminium framed window; overall size 1200 x 1200mm high; comprising of aluminium sections (50 x 75 x 3mm thick) framed and accessories; all to Project Architect's approval; glazing beads bedded in mastic; including 6mm thick toughened and tinted one way glass; to concrete or blockwork surfaces with plugs and screws; with permanent aluminium louvre vents at top edge and jointed all round in mastic | 24  | no   |      |       |
| B   | Ditto but to size 1200 x 2400mm High  | 4   | no   |      |       |
|   | <u>Heavy Duty Executive Window Blinds</u>   |     |      |      |       |
| C   | Supply and fix high quality executive window blinds; slate blinds each size 125mm wide x 210mm Thick; including all fixing accessories; to general glazed window surfaces; as per samples approved by the Project Architect   | 48  | sm   |      |       |
| <b>TOTAL FOR WINDOWS CARRIED TO SUMMARY</b> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------------------------------|--|-----|------|------|-------|
|                              | <u>ELEMENT NO. 6</u>   |     |      |      |       |
|                              | <u>FINISHES</u>  |     |      |      |       |
|                              | <u>Wall finishes</u>   |     |      |      |       |
|                              | <u>Painting and decorations</u>  |     |      |      |       |
|                              | <u>Prepare and apply three coats of first quality permacoat 'weather guard' exterior paint to:</u> |     |      |      |       |
| A                            | Rendered walls; external   | 364 | sm   |      |       |
|                              | <u>Prepare and apply three coats of first quality plastic emulsion paint to:</u>                   |     |      |      |       |
| B                            | Plastered walls; internal  | 594 | sm   |      |       |
| <i>Carried to Collection</i> |  |     |      |      |       |



PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>Floor finishes</u>   |     |      |      |       |
|                              | <u>In situ Finishings</u>   |     |      |      |       |
|                              | <u>Approved; premium quality; non-slip; Granito floor tiles to regular or other approved pattern; bedding and jointing in cement sand (1:4) mortar; grouting with matching cement</u> |     |      |      |       |
| A                            | 10mm Thick to Floors level; internal  | 334 | sm   |      |       |
| B                            | Skirtings; 100mm wide with rounded junction with wall finish and coved junction with floor finish   | 198 | lm   |      |       |
|                              | <u>Beds or Backings</u>   |     |      |      |       |
|                              | <u>Screed; cement and sand (1:3)</u>  |     |      |      |       |
| C                            | 30mm thick one coat backings; wood floated to receive granito floor tiles (m/s) to concrete or blockwork base; to floors level; internal  | 334 | sm   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|------------------------------|---|-----|------|------|-------|
|                              | <u>Ceiling finishes</u>   |     |      |      |       |
|                              | <u>Suspended accoustic ceiling; taped and filled joints; on and including metal grid system; including all cutting and trimming to light fittings:</u>  |     |      |      |       |
| A                            | 600 x 600mm perforated gypsum panels or any other equal and approved; as Suspended Accoustic ceiling; including all the necessary aluminium suspended framing and branderings, panels suspension hangers, flush jointing and trap doors | 158 | sm   |      |       |
| B                            | Extra for standard panels with recess chrome light fitting (m/s)  | 32  | no   |      |       |
| <i>Carried to Collection</i> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------|--|-----|------|------|-------|
|      | <u>Staircase finishes</u>  |     |      |      |       |
|      | <u>Mild Steel ; with smooth welded joints and all necessary connection plates and bolts</u>  |     |      |      |       |
|      | <u>Balustrades and railings : all joints ground smooth : one shop coat primer undercoat and spray paint with automotive metallic and gloss paint as "Basco Paints - Duracoat" or "Crown Paints" as directed : to Architect's detail</u>  |     |      |      |       |
| A    | 1050 mm high raking balustrading comprising of 60mm diameter x 3mm thick mild steel CHS handrail (m.s), 4No. 25 mm diameter x 3 mm thick horizontal middle rails and 1no. 40mm horizontal bottom rails : 80 mm long lugs, one end fish tailed and built into concrete work; 1050 mm long x 50 mm diameter x 3 mm thick balusters at 1000 mm centres; plate brackets; to Architect's details; to Staircase & Corridor areas | 36  | lm   |      |       |
| B    | Horizontal handrail comprising of 60mm diameter x 3mm thick mild steel CHS; with and including timber infill ; fixed onto 80 mm long lugs at 1000 mm centres, one end fish tailed and built into concrete / blockwork  | 36  | lm   |      |       |
| C    | 60 mm diameter x 3 mm raking handrail : ditto  | 36  | lm   |      |       |
| D    | Extra over for forming beds  | 15  | no   |      |       |
|      | <u>Staircase treads</u>  |     |      |      |       |
| E    | 8mm thick mild steel chequered plate treads with 20mm thick edge lipping each edge welded to 50 x 50 x 1mm thick angle bracket supports welded to channel  | 8   | sm   |      |       |
|      | <u>Accessories</u>   |     |      |      |       |
| F    | 300 mm x 380 mm x 4 mm thick brass cleats with 4No. 10 mm diameter holes : rebated edges   | 10  | no   |      |       |
| G    | 10 mm diameter x 25 mm long stainless steel capped bolts with nuts   | 20  | no   |      |       |
| H    | 20 mm diameter x 3 mm thick steel bracket : cast to wall at 1200 mm centres : grouted  | 4   | no   |      |       |
| I    | 40 x 25 x 6 mm thick mild steel plate welded to RHS balusters (m/s)  | 4   | lm   |      |       |
| J    | 40 x 75 x 6 mm thick mild steel plate welded to RHS balusters (m/s)  | 4   | lm   |      |       |
|      | <u>Metal Work</u>  |     |      |      |       |
|      | <u>Purpose-Made Units</u>  |     |      |      |       |
| K    | 100 x 100 x 3mm diameter SHS mild steel members heavy duty tubes stanchion anchored in C20/20 concrete floor bed complete atop with 50x2mm thick flat blade welded   | 24  | lm   |      |       |
|      | <i>Carried to Collection</i>   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM   | DESCRIPTION   | QTY | UNIT | RATE | K.SHS |
|--|---|-----|------|------|-------|
|  | <p><b><u>COLLECTION</u></b></p> <p>From page OFB / 10</p> <p>From page OFB / 11</p> <p>From page OFB / 12</p> <p>From page OFB / 13</p> |     |      |      |       |
| <b>TOTAL FOR FINISHES CARRIED TO SUMMARY</b> |   |     |      |      |       |

PROPOSED COMPLETION WORKS TO THE EXSITING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM  | DESCRIPTION                    | QTY | UNIT | RATE     | K.SHS |
|---|--------------------------------|-----|------|----------|-------|
|   | <u>SUMMARY</u>                 |     |      |          |       |
| ELEMENT NO.   | TITLE                          |     |      | PAGE NO. |       |
| 1   | SUBSTRUCTURE (ALL PROVISIONAL) |     |      | OFB / 3  |       |
| 2   | SUPERSTRUCTURE WORKS           |     |      | OFB / 4  |       |
| 3   | ROOF CONSTRUCTION.             |     |      | OFB / 5  |       |
| 4   | DOORS                          |     |      | OFB / 8  |       |
| 6   | WINDOWS                        |     |      | OFB / 9  |       |
| 7   | FINISHES                       |     |      | OFB / 14 |       |
| <b>TOTAL FOR PRE-FABRICATED OFFICE BLOCK CARRIED TO GRAND SUMMARY</b> |                                |     |      |          |       |

# **ELECTRICAL INSTALLATION WORKS**

## BILL No. E1: ELECTRICAL WORKS

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ].**

| ITEM No  | ITEM DESCRIPTION  | UNIT | QTY  | UNIT RATE | AMOUNT KSHS | CTS |
|--|---|------|------|-----------|-------------|-----|
| <b>1.00</b>  | <b>Supply, install, test and commission the following complete as specified herein or approved equivalent:</b>  |      |      |           |             |     |
|  | <b><u>DISCONNECTIONS AND REMOVAL WORKS</u></b>  |      |      |           |             |     |
| 1.01   | Carefully remove, store and arrange for handing over to client the existing dilapidated, non-functional, damaged and obsolete electrical cabling, lighting fittings, Switch fuses, distribution boards / consumer's service units and other electrical services fittings and or accessories including provision of temporary power supply to ensure continued service as shall be instructed and approved by Electrical Engineer. | L.S  | Item |           |             |     |
| <b>2.00</b>  | <b><u>KPLC POWER SUPPLY CABLE</u></b>   |      |      |           |             |     |
|  | <b>In liaison with KPLC – Mombasa region</b>  |      |      |           |             |     |
| 2.01   | KPLC relocation charges / fees.   | L.S  | Item |           |             |     |
| 2.02   | Excavate in soil a cable trench of size 450mm width x 600mm depth between the KPLC pole and LV (low voltage board), compact and cover   | M    | 40   |           |             |     |
| 2.03   | 35 mm <sup>2</sup> CU/PVC/SWA/PVC 4 core (ref.6944X) armoured power supply cable complete with accessories, cover with 50mm thick compacted fine soil a Back fill to the ground level. <b><i>(Incoming power supply)</i></b>  | M    | 60   |           |             |     |
| 2.04   | Hatari tiles (1:3:6) as directed.   | M    | 40   |           |             |     |
| 2.05   | Cable gland c/w lock-nut and shroud for;  |      |      |           |             |     |
|  | (i). 35 mm <sup>2</sup> /4 core pvc swa pvc copper cable.   | No   | 1    |           |             |     |
|  | (ii) 16 mm <sup>2</sup> /4 core pvc swa pvc copper cable.   | No   | 1    |           |             |     |
| <b>SUB TOTAL FOR BQ/E-1 CARRIED FORWARD TO COLLECTION PAGE</b> |   |      |      |           |             |     |

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| ITEM No  | ITEM DESCRIPTION  | UNIT | QTY | UNIT RATE | AMOUNT KSHS | CTS |
|--|---|------|-----|-----------|-------------|-----|
| <b>3.00</b>  | <b>Supply, install, test and commission the following complete as specified herein or approved equivalent:</b>  |      |     |           |             |     |
|  | <b>LIGHTING POINTS</b>  |      |     |           |             |     |
| 3.01   | Lighting point wired in 3x1.5 mm <sup>2</sup> PVC / SC CU Cables drawn in concealed 25 mm- Ø HG PVC Conduits / cable trays / trunkings c/w all accessories but excluding switches for:    |      |     |           |             |     |
|  | c) One way switching  | No   | 77  |           |             |     |
|  | d) Two way switching  | No   | 7   |           |             |     |
| <b>4.00</b>  | <b>LIGHTING SWITCHES</b>  |      |     |           |             |     |
| 4.01   | 10A, moulded ivory white flash switch plates [As MK] range as follows:  |      |     |           |             |     |
|  | e) One gang one way. [As MK]  | No   | 11  |           |             |     |
|  | f) Two gang one way. [As MK]  | No   | 9   |           |             |     |
|  | g) One gang two way. [As MK]  | No   | 2   |           |             |     |
|  | h) Two gang two way [As MK]   | No   | 1   |           |             |     |
| <b>5.00</b>  | <b>LIGHTING FITTINGS</b>  |      |     |           |             |     |
| 5.01   | lighting fittings c/w all accessories:  |      |     |           |             |     |
|  | e) Surface modular luminaire LED for [As 4 x 14 W] glare control Protech /anti-sparking prismatic optic, white (RAL9016) diffuser: UV-stabilized [As OMEGA] to approval CAT No OMPM3400Z4 |      |     |           |             |     |
|  | f) Surface 36 watts twin batten water proof LED luminaire with clear prismatic diffusers as CAT No CO2100Z4K.   | No   | 57  |           |             |     |
|  | g) LED modular recessed in door 26 watts 240 vac fitting [As Linn] to approval CAT No CU1000Z3K.  | No   | 13  |           |             |     |
|  | h) LED modular recessed out door 26 watts 240 vac fitting [As Linn] to approval CAT No LN32K34S.  | No   | 5   |           |             |     |
|  |   | No   | 9   |           |             |     |
| <b>SUB TOTAL FOR BQ/E-2 CARRIED FORWARD TO COLLECTION PAGE</b> |   |      |     |           |             |     |



**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| ITEM No  | ITEM DESCRIPTION   | UNIT | QTY | UNIT RATE | AMOUNT KSHS | CTS |
|--|--|------|-----|-----------|-------------|-----|
| <b>6.00</b>  | <b>Supply, install, test and commission the following complete as specified herein or approved equivalent:<br/>SUB MAINS WIRING / DISTRIBUTION CABLES</b>  |      |     |           |             |     |
| 6.01   | <b>Relocate existing</b> : 35 mm <sup>2</sup> CU/PVC/SWA/PVC 4 core (ref.6944X) armoured power supply cable complete with accessories. <b>(power supply to ware house)</b>   | M    | 25  |           |             |     |
| 6.02   | <b>Relocate existing</b> : 16 mm <sup>2</sup> CU/PVC/SWA/PVC 4 core (ref.6944X) armoured power supply cable complete with accessories. <b>(various utilities / cold rooms)</b>   | M    | 40  |           |             |     |
| 6.03   | <b>Relocate existing</b> : 2.5 mm <sup>2</sup> CU/PVC/SC (Ref 6491X) – 220/415 V cable complete with accessories. <b>(Kitchen)</b>   | M    | 65  |           |             |     |
| 6.04   | <b>Relocate existing</b> : 6 mm <sup>2</sup> CU/PVC/SWA/PVC 4 core (ref.6944X) armoured power supply cable complete with accessories. <b>(shallow well)</b>  | M    | 50  |           |             |     |
| 6.05   | <b>Relocate existing</b> : 2.5 mm <sup>2</sup> CU/PVC/SWA/PVC 2 core 220/415 V cable complete with accessories. <b>(perimeter fence circuit)</b><br><b>Install new:</b> 16 mm <sup>2</sup> CU/PVC/SWA/PVC 4 core (ref.6944X) armoured power supply cable complete with accessories. <b>(new office block)</b>  | M    | 85  |           |             |     |
| <b>7.00</b>  | <b>TRUNKING AND DUCTING<br/>(Cable Management perimeter and distribution)</b>  |      |     |           |             |     |
| 7.01   | Lay Metal clad non corrosive cable tray 150mm width c/w accessories within ceiling [internal power   | M    | 20  |           |             |     |
| 7.02   | reticulation].<br>Rectangular skirting non corrosive, rust proof trunking type 'B' of dimensions 150 mm width x 50 mm depth, twin segregated compartment flush along all walls c/w accessories as shall be instructed and approved by Electrical Engineer. (Trunking to be powder coated cream / white in colour / to match existing) complete with inside and outside corner bends, end covers, cover plates with outlet provisions for data/ voice and power points. | M    | 130 |           |             |     |
| <b>SUB TOTAL FOR BQ/E-3 CARRIED FORWARD TO COLLECTION PAGE</b> |  |      |     |           |             |     |

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| ITEM No  | ITEM DESCRIPTION  | UNIT | QTY | UNIT RATE | AMOUNT KSHS | CTS |
|--|---|------|-----|-----------|-------------|-----|
| <b>8.00</b>  | <b>Supply, install, test and commission the following complete as specified herein or approved equivalent:</b>  |      |     |           |             |     |
|  | <b>INTERNAL POWER DISTRIBUTION</b>  |      |     |           |             |     |
| 8.01   | Cable termination / extension box as type No 2CVA 002 101 R1001.  | No   | 4   |           |             |     |
| 8.02   | 15 amps 8 way TPN wall mounted recessed and hinged flash cover distribution board complete with integral isolator and all other accessories except MCBs [as MEM]  | No   | 2   |           |             |     |
| 8.03   | 100 amps 8 way SPN wall mounted recessed and hinged flash cover CCU unit complete with integral isolator and all other accessories except MCBs [as MEM]   | No   | 1   |           |             |     |
| 8.04   | Supply and install CE certified and marked DIN rail mounting, fast break time 2.3 – 2.5 mS, short circuit interrupt rating 6 / 10 KA MCBs c/w all accessories:  |      |     |           |             |     |
|  | (g) 10 amps single pole [As MEM]  | No   | 6   |           |             |     |
|  | (h) 20 amps single pole [As MEM]  | No   | 8   |           |             |     |
|  | (i) 32 amps single pole {As MEM}  | No   | 8   |           |             |     |
|  | (j) 32 amps TPN pole {As MEM}   | No   | 7   |           |             |     |
|  | (k) 63 amps single pole {As MEM}  | No   | 2   |           |             |     |
|  | (l) 63 amps TPN pole {As MEM}   | No   | 5   |           |             |     |
| <b>9.00</b>  | <b>RAW POWER POINTS</b>   |      |     |           |             |     |
| 9.01   | Socket outlet point wired in 3 x 2.5 mm <sup>2</sup> PVC/SC CU Cables drawn in concealed 25 mm Ø diameter HG PVC ring of Conduits / metal clad trunking, c/w all accessories but excluding plates, Twin | No   | 26  |           |             |     |
| 9.02   | 13A, moulded ivory white switched socket outlet plates with antimicrobial additives as MK or Crabtree as follows: Twin switched   | No   | 26  |           |             |     |
| <b>SUB TOTAL FOR BQ/E-4 CARRIED FORWARD TO COLLECTION PAGE</b> |   |      |     |           |             |     |

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| ITEM No  | ITEM DESCRIPTION  | UNIT | QTY | UNIT RATE | AMOUNT KSHS | CTS |
|--|---|------|-----|-----------|-------------|-----|
| <b>10.00</b>   | <b>Supply, install, test and commission the following complete as specified herein or approved equivalent:</b>  |      |     |           |             |     |
|  | <b>COOKER CONTROL AND CONNECTION UNIT</b>   |      |     |           |             |     |
| 10.01  | Cooker outlet point wired in 3 x 4.0 mm <sup>2</sup> single core PVC Cables drawn in concealed 20 mm diameter heavy gauge ring of PVC Conduits, c/w accessories.  | No   | 1   |           |             |     |
| 10.02  | Supply and install the following 45 amps moulded 240 vac flash mounted ivory plate cooker control unit CAT: K5061WHI / cooker connection unit CAT K5045WHI c/w all accessories :                            | No   | 1   |           |             |     |
| <b>11.00</b>   | <b>INDUSTRIAL SOCKETS / PLUGS / CONNECTORS</b>  |      |     |           |             |     |
| 11.01  | Industrial socket outlet point wired in 3 x 4.0 mm <sup>2</sup> single core PVC Cables drawn in concealed 20 mm diameter heavy gauge ring of PVC Conduits, c/w all accessories.                             | No   | 2   |           |             |     |
| 11.02  | 240 vac 3 round pin 32 amps CAT: K9232YEL Industrial angled / straight panel surface water tight socket outlet wired, industrial plug CAT: K9032YEL pin configuration 3P+e c/w all accessories.             | No   | 2   |           |             |     |
| <b>12.00</b>   | <b>COMMANDO SAFETY SWITCH</b>   |      |     |           |             |     |
| 12.00  | PBT Mould case surface mounted TPN 4 pole IP66 240/415 vac 50/60 Hz, 32 amps operating current CAT: M4413 water proof, I.S.O metric conduit entries, direct action operating handle c/w earth lead adaptor. | No   | 4   |           |             |     |
| <b>13.00</b>   | <b>GENERATOR CHANGE OVER &amp; SUBMERSIBLE PANELS.</b>  |      |     |           |             |     |
| 13.01  | <b>Relocate existing:</b> Generator change over panel and reprogram for compatibility with new LV board   | No   | 1   |           |             |     |
| 13.02  | <b>Relocate existing:</b> submersible pump control panel.   | No   | 1   |           |             |     |
| <b>SUB TOTAL FOR BQ/E-5 CARRIED FORWARD TO COLLECTION PAGE</b> |   |      |     |           |             |     |

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| ITEM No  | ITEM DESCRIPTION  | UNIT | QTY  | UNIT RATE | AMOUNT KSHS | CTS |
|--|---|------|------|-----------|-------------|-----|
| <b>14.00</b>   | <b>Supply, install, test and commission the following complete as specified herein or approved equivalent:</b>  |      |      |           |             |     |
| <b>14.01</b>   | <b>EMERGENCY EXIT SIGNAGE</b><br>Exit signage point wired in 3 x 1.5 mm <sup>2</sup> single core PVC Cables drawn in concealed 20 mm diameter heavy gauge PVC Conduits, c/w all accessories.                      | No   | 4    |           |             |     |
| <b>14.02</b>   | Supply and install the following 2.2 – 5 watts ultra slim aluminium bodied LED 3 hour duration maintained and viewing distance up to 23 m fire exit signs as follows:<br>Blade suspended [As THORN CAT No VBLNMC] | No   | 4    |           |             |     |
| <b>15.00</b>   | <b>HAND DRIERS</b>  |      |      |           |             |     |
| 15.01  | Electric hand drier point wired in 3 x 2.5 mm <sup>2</sup> single core PVC Cables drawn in concealed 20 mm diameter heavy gauge PVC Conduits, c/w all accessories.  | No   | 2    |           |             |     |
| <b>16.00</b>   | <b>EXTRACTOR FANS</b>   |      |      |           |             |     |
| 16.01  | Extractor fan point wired in 3 x 2.5 mm <sup>2</sup> single core PVC Cables drawn in concealed 20 mm diameter heavy gauge PVC Conduits, complete with all accessories.  | No   | 20   |           |             |     |
| <b>17.00</b>   | 125 amps 4 pole 50Ka breaking capacity main MCCBs   | No   | 2    |           |             |     |
| <b>18.00</b>   | Carry out earthing on all the installation and bond all metallic pipe work including earth rods   | L.S  | Item |           |             |     |
| <b>19.00</b>   | Carry out all the electrical type tests on the electrical installation and ensure that the system complies fully with the I.E.E / Kenya Power & Lighting Co. Ltd Regulations                                      | L.S  | Item |           |             |     |
| <b>SUB TOTAL FOR BQ/E-6 CARRIED FORWARD TO COLLECTION PAGE</b> |   |      |      |           |             |     |

## **BILL No F1:**

### **DATA , VOICE NETWORK, CCTV & ACCESS CONTROL**

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

**NOTE :** The contactor shall, in the execution and completion of the works comply with the provisions of Communication Commission of Kenya and other authorized bodies / institutions.

| <b>ITEM No</b>   | <b>ITEM DESCRIPTION</b>   | <b>UNIT</b> | <b>QTY</b>   | <b>UNIT RATE</b> | <b>AMOUNT KSHS</b> | <b>CTS</b> |
|--|---|-------------|--------------|------------------|--------------------|------------|
| <b>1.00</b>  | <b>Supply, install, set up, configure, test and commission the following items as specified herein or approved equivalent.</b>  |             |              |                  |                    |            |
|  | <b><u>HORIZONTAL CABLING:</u></b>   |             |              |                  |                    |            |
| 1.01   | Four pair UTP (CAT 6) cable [As Siemons] drawn in the existing trunkings to be terminated at the patch panel and dual RJ45 data outlets.  | <b>M</b>    | <b>1,500</b> |                  |                    |            |
| 1.02   | Single RJ45 data outlets complete with face plates and RJ45 connectors [As Siemons]   | <b>No</b>   | <b>28</b>    |                  |                    |            |
| 1.03   | 48 port RJ45 patch panels [As Siemons]  | <b>No</b>   | <b>1</b>     |                  |                    |            |
| 1.04   | 1U WM series rack mount cables managers.  | <b>No</b>   | <b>1</b>     |                  |                    |            |
| 1.05   | 1 metre, 4 pair RJ45 – RJ45 patch cords.  | <b>No</b>   | <b>28</b>    |                  |                    |            |
| 1.06   | 3 metre, 4 pair RJ45 – RJ45 patch cords.  | <b>No</b>   | <b>28</b>    |                  |                    |            |
| 1.07   | 2 compartment low profile floor trunkings.  | <b>M</b>    | <b>30</b>    |                  |                    |            |
| <b>1.00a</b>   | <b>PAGING PUBLIC ADDRESS SYSTEM</b>   |             |              |                  |                    |            |
|  | 35 watts 1 microphone, 55db 240 vac amplifier c/w cut type bass and treble control, 1 No free standing paging microphone for momentary and locked use and 2 No 15 watts column speaker in metal cabinet | <b>Unit</b> | <b>1</b>     |                  |                    |            |
| <b>SUB TOTAL FOR BQ/F-1 CARRIED FORWARD TO COLLECTION PAGE</b> |   |             |              |                  |                    |            |

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| ITEM No  | ITEM DESCRIPTION   | UNIT | QTY  | UNIT RATE | AMOUNT KSHS | CTS |
|--|--|------|------|-----------|-------------|-----|
|  | <b>Supply, install, set up, configure, test and commission the following items as specified herein or approved equivalent.</b>   |      |      |           |             |     |
| <b>2.00</b>  | <b><u>DATA AND VOICE SWITCH.</u></b>   |      |      |           |             |     |
| 2.01   | <b>Standalone with optional stacking 48 10/100/1000 Ethernet PoE+ ports and 4 x 1G uplink ports, with 640 WAC power supply, 1 RU, IP base feature set LAN base feature set as CISCO 3850 (WS-C3650-48PS-S) complete with all accessories .</b> | No   | 1    |           |             |     |
| <b>3.00</b>  | <b><u>EQUIPMENT CABINETS</u></b>   |      |      |           |             |     |
| 3.01   | 42U 19" rack free standing factory manufactured cabinet 800w x 1070D with low noise (low Db) fans, power distribution unit complete with all accessories.  | No   | 1    |           |             |     |
| <b>4.00</b>  | <b><u>UPS</u></b>  |      |      |           |             |     |
| 4.01   | 240 vac, 50Hz 3000 VA UPS rack mount complete with maintenance free batteries [As APC] smart UPS with USB and serial port.   | No   | 1    |           |             |     |
| <b>5.00</b>  | <b><u>NETWORK CABINET ASSOCIATED ELECTRICAL WORKS</u></b>  |      |      |           |             |     |
|  | <b><u>EARTHING AND TESTING</u></b>   |      |      |           |             |     |
| 5.01   | Carry out earthing on all the installation and bond all metallic parts.  | L.S  | Item |           |             |     |
| 5.02   | Carry out cable testing to industry standard and documentation of test results in 3 No bound hard and 2 No soft copies.  | L.S  | Item |           |             |     |
| 5.03   | Carry out all the electrical type tests on the electrical installation and ensure that the system complies fully with the I.E.E / Kenya Power & Lighting Co. Ltd Regulations   | L.S  | Item |           |             |     |
| <b>SUB TOTAL FOR BQ/F-2 CARRIED FORWARD TO COLLECTION PAGE</b> |  |      |      |           |             |     |

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| ITEM No  | ITEM DESCRIPTION  | UNIT      | QTY        | UNIT RATE | AMOUNT KSHS | CTS |
|--|---|-----------|------------|-----------|-------------|-----|
|  | <b>Supply, install, set up, configure, test and commission the following items as specified herein or approved equivalent.</b>  |           |            |           |             |     |
| <b>6.00</b>  | <b><u>CCTV NETWORK</u></b>  |           |            |           |             |     |
| 6.01   | Four pair UTP (CAT 6) cable [As Siemons] drawn in the existing trunkings with one end patched at patch panel and the other end connected to RJ45 port of the Camera.  | <b>M</b>  | <b>300</b> |           |             |     |
| 6.02   | 24 port RJ45 patch panels [As Siemons]  | <b>No</b> | <b>1</b>   |           |             |     |
| 6.03   | 1U WM series rack mount cables managers.  | <b>No</b> | <b>1</b>   |           |             |     |
| 6.04   | 1 metre, 4 pair RJ45 – RJ45 patch cords.  | <b>No</b> | <b>6</b>   |           |             |     |
| <b>7.00</b>  | <b><u>CCTV NETWORK &amp; ACCESS CONTROL SWITCH</u></b>  |           |            |           |             |     |
| 7.01   | Stackable 8/10/100/1000 ports 2 combo mini GBIC ports as CISCO 300 series small business switch (SG300 – 10) complete with all accessories.   | <b>No</b> | <b>1</b>   |           |             |     |
| <b>8.00</b>  | <b><u>CCTV DEVICES</u></b>  |           |            |           |             |     |
| 8.01   | <b>Network Video Recorder</b><br>Embedded NVR, 3840x2160 resolution, 8 channel HDMI Channel up to 4K, 12 MP recording resolution, 80 Mbps/H256/H264/ MPEG4 in/out Bw, integrated 8 PoE ports, HDMI 2 SATA , 8TB storage capacity [As DS-7608NI-12/8P-8TB] complete with all accessories | <b>No</b> | <b>1</b>   |           |             |     |
| 8.02   | <b>LED Monitor</b><br>240 vac full HD 4 picture by picture support 49” (UHD) monitor 3,840 x 2,160 (pixels HxV) resolution, 1 VGA, Contrast ratio 4700:1 audio in stereo, 2/4 DVI/HDMI, USB, 8 milliseconds response time, [As SAMSUNG SMT-4933]  | <b>No</b> | <b>1</b>   |           |             |     |
| <b>SUB TOTAL FOR BQ/F - 3 CARRIED FORWARD TO COLLECTION PAGE</b> |   |           |            |           |             |     |

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| ITEM No   | ITEM DESCRIPTION  | UNIT | QTY | UNIT RATE | AMOUNT KSHS | CTS |
|---|---|------|-----|-----------|-------------|-----|
| 8.03  | <p><b>Supply, install, set up, configure, test and commission the following items as specified herein or approved equivalent.</b></p> <p><b>IP Dome Camera</b><br/>Indoor Vari – focal 2.8 – 12mm fixed lens, 4MP, full HD 1080P, 20 fps (2688 x 1520), 12V DC <math>\pm</math> 25% PoE (802.3af Class 3), H.264 / MJPEG / H.264+, WDR 120dB, Intrusion, Motion &amp; Line Crossing, Face Detection, Dynamic analysis, IR 30M, built in Micro SD/SDHC/SDXC slot, up to 128 GB, vandal proof IK10 c/w all accessories and software [As DS-2CD2742FWD-IZS].</p> | No   | 4   |           |             |     |
| 8.04  | <p><b>IP Bullet Camera</b><br/>Indoor Vari focal 2.8 – 12mm fixed lens, 4MP, full HD 1080P, 20 fps (2688 x 1520), 12V DC <math>\pm</math> 25% PoE (802.3af Class 3), H.264 / MJPEG / H.264+, WDR 120dB, Intrusion, Motion &amp; Line Crossing, Face Detection, Dynamic analysis, IR 30M, built in Micro Sd/SDHC/SDXC slot, up to 128 GB, vandal proof IK10 c/w all accessories and software [As DS-2CD2742FWD-IZS].</p>   | No   | 2   |           |             |     |
| 8.05  | <p>Indoor MP IR Fisheye network camera, RJ45 10/100 /1000 Ethernet port 360<sup>0</sup> view angle, up to 3072 x 2408 resolution, real time streaming, up to 15m IR range, built in microphone and speaker, 1K 10 vandal proof (V model) ceiling mounted mode, multiple viewing modes built in DC12V &amp; PoE (802.3af), Micro SD/SDHC/SDXC slot, up to 128 GB complete with all accessories.</p>  | No   | 1   |           |             |     |
| 8.06  | <p><b>Network keyboard / joystick:</b> IP based, 4 axis, 7 inch TFT touch screen at 800 x 480 resolution, compatible with NVR and network cameras, 1 x10/100/1000M Ethernet, 1x RS 232, 1x RS-4851 x USB 2.0 network interfaces.</p>  | No   | 1   |           |             |     |
| <b>SUB TOTAL FOR BQ/F- 4 CARRIED FORWARD TO COLLECTION PAGE</b> |   |      |     |           |             |     |



**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| ITEM No  | ITEM DESCRIPTION   | UNIT | QTY  | UNIT RATE | AMOUNT KSHS | CTS |
|--|--|------|------|-----------|-------------|-----|
| <b>9.00</b>  | <b>Supply, install, set up, configure, test and commission the following items as specified herein or approved equivalent.</b>   |      |      |           |             |     |
|  | <b>ACCESS CONTROLLER</b>   |      |      |           |             |     |
| 9.01   | Biometric pin and proximity, IP- based single door Access Controller complete with its PSU and all accessories.  | No   | 4    |           |             |     |
| 9.02   | <b>DESK TOP PC (monitoring) :Intel core i3, 500 GB HDD, 2 GB RAM, 17 inch TFT/LCD/LED screen, sound card DVD, RW 10/100/1000 RJ45 port, VGA port complete with windows 10 OS with latest anti virus.</b> | No   | 1    |           |             |     |
| 9.03   | Exit buttons.  | No   | 4    |           |             |     |
| 9.04   | Maglock of 300 Kg holding force.   | No   | 4    |           |             |     |
| 9.05   | Emergency break glass.   | No   | 4    |           |             |     |
| 9.06   | Mounting brackets.   | No   | 4    |           |             |     |
| 9.07   | Assorted Sundries, tags and labelling  | No   | 4    |           |             |     |
| 9.08   | Allow for minor alterations on builders works and making good of the same.   | L.S  | Item |           |             |     |
| <b>10.00</b>   | Training of system administrators and operators on all the installed systems and submit 3 copies of user manuals / trouble shooting guide.   | L.S  | Item |           |             |     |
| <b>11.00</b>   | Cable testing to industry standard and documentation of test results in 3 No bound hard copies and 2 No soft copies in appropriate media.  | L.S  | Item |           |             |     |
| <b>SUB TOTAL FOR BQ/F - 5 CARRIED FORWARD TO COLLECTION PAGE</b> |  |      |      |           |             |     |

**COLLECTION PAGE FOR ELECTRICAL INSTALLATION WORKS**

**UPGRADING AND RELOCATION OF KPLC POWER SUPPLY CABLE, POWER DISTRIBUTION CABLES, GENERATOR CHANGE OVER PANEL, SUBMERSIBLE PUMP CONTROL PANEL, COLD ROOMS SWITCHGEAR ELECTRICAL INSTALLATION FOR PROPOSED PREFABRICATED OFFICES [ KEMSA - MOMBASA WAREHOUSE ] .**

| S / No              | BILL No   | ITEM No       | BQ No | PAGE No | TOTAL<br>KSHS | CTS |
|---------------------|-----------|---------------|-------|---------|---------------|-----|
| <b>1</b>            | <b>E1</b> | 1.00– 2.00    | E – 1 | 1       |               |     |
|                     |           | 3.00 – 5.00   | E – 2 | 2       |               |     |
|                     |           | 6.00 – 7.00   | E – 3 | 3       |               |     |
|                     |           | 8.00 – 9.00   | E – 4 | 4       |               |     |
|                     |           | 10.00 – 13.00 | E – 5 | 5       |               |     |
|                     |           | 14.00 – 19.00 | E – 6 | 6       |               |     |
| <b>SUB TOTAL</b>    |           |               |       |         |               |     |
| <b>2</b>            | <b>F1</b> | 1.0 -.....    | F – 1 | 7       |               |     |
|                     |           | 2.00 – 5.00   | F – 2 | 8       |               |     |
|                     |           | 6.00 – 8.00   | F – 3 | 9       |               |     |
|                     |           | 8.03 – 8.06   | F – 4 | 10      |               |     |
|                     |           | 9.00 – 11.00  | F – 5 | 11      |               |     |
| <b>SUB TOTAL</b>    |           |               |       |         |               |     |
| <b>TOTAL (KSHS)</b> |           |               |       |         |               |     |

# **MECHANICAL INSTALLATION WORKS**

**SANITARY FITTINGS; PLUMBING &  
DRAINAGE WORKS**

**PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE  
PLUMBING, DRAINAGE AND FIRE PROTECTION WORKS**

| <b>Item</b>  | <b>Description</b>  | <b>Unit</b> | <b>Qty</b> | <b>Rate</b> | <b>Amount</b> |
|--|---|-------------|------------|-------------|---------------|
|  | <p><b><u>SANITARY FITTINGS</u></b><br/>Supply, deliver, install and fix the following sanitary fittings including all materials and jointing to supply, waste/soil and overflow pipes. <b>Duravit</b> products are specified only as an indication of quality. Equal and approved appliances may be supplied. Where trade names are mentioned, the Ref. No. is intended only as a guide to the type and quality of fittings</p> |             |            |             |               |
| A  | <p><b>Water Closet:</b><br/><b>Duravit D-CODE</b> Close Coupled WC suite in Vitreous china and approved colour comprising of WC bowl,'P' or 'S' trap connector,heavy duty matching seat and cover with metal top fixed chrome plated hinges and chrome plated push button with all the other necessary accessories.</p>   | No          | 6          |             |               |
| B  | <p><b>Wash handbasin:</b><br/><b>Duravit D-CODE</b> wash basin set for counter top fixing in white vitreous china with overflow and single tap hole size 520 x 420 x1850mm and comprising of Ref No. 327566..0 basin, 1No. Chrome plated mixer tap with chrome plated waste extension pipe and wall flange, silicon sealant, nd fixings to approval</p>   | No          | 6          |             |               |
| C  | <p><b>Dhobi Sinks:</b><br/>18 SWG round stainless steel dhobi sinks of size 500mm diameter x 500mm deep as manufactured by ASL suitable for mounting on counter, complete with 1 No. 1/2 " diameter chrome plated back inlet bib tap ref SF 5205 CP, 1 1/2" diameter chrome plated bottle trap and chain waste fitting and plug</p>   | No          | 2          |             |               |
| <b>Total carried forward to collection page 13</b> |   |             |            |             |               |

| Item   | Description  | Unit | Qty | Rate | Amount |
|--|--|------|-----|------|--------|
| A  | <b>Towel Rail:</b><br>Chrome plated towel rail 650mm long with the rail and brackets as one piece, all as Duravit or equal and approved.   | No   | 2   |      |        |
| B  | <b>Soap Dish:</b><br>Semi recessed built in soap tray in Vitreous China of size: 305 x 150mm in approved colour as Duravit or equal and approved.  | No   | 2   |      |        |
| C  | <b>Urinal bowls:</b><br>General purpose vitreous china white in colour urinal bowl for a single person, one bowl complete with bowl supports, 40mm diameter chrome plated outlet grating, 40mm diameter chrome plated bottle trap, 15mm diameter brass "Pegler" bib tap with star handles, 4.5 litres vitreous china concealed automatic cistern with fittings, chrome plated flush pipes and spreaders as Duravit or equal and approved | Set  | 2   |      |        |
| D  | <b>Toilet roll holder:</b><br>Toilet roll holder in vitreous china to BS 3402 in white colour of size 165x165mm and recessed into wall. Toilet roll holder to be as Duravit or equal and approved  | No   | 4   |      |        |
| E  | <b>Mirrors:</b><br>6mm thick polished plate glass, silver backed mirror with beveled edges, size 600 x 610mm plugged and screwed to wall with 4No. Chrome plated chrome capped screws and 5mm thick foam back rest   | No   | 4   |      |        |
| <b>Total carried forward to collection page 13</b> |  |      |     |      |        |

| Item   | Description   | Unit | Qty | Rate | Amount |
|--|---|------|-----|------|--------|
| A  | <p><b>Robe hook:</b><br/>Robe hook in vitreous china and in white colour mounted with a concealed screw to wall wedges, to be as <b>Duravit</b> or approved equivalent</p>  | No   | 2   |      |        |
| B  | <p><b>Instant shower heater:</b><br/>Instant electric shower head heater with embedded rod type sheathed element. Electrically insulated with electronic temperature control complete with wide rose and overflow to withstand a working pressure of upto 400kpa. It shall have a heating capacity of about 5.5kw and complete with extension shower arm and 4mm<sup>2</sup> electric supply cable to neon lit DP switch, all to be as "Lorenzetti" or equal and approved</p> | No   | 2   |      |        |
| C  | <p><b>Hand/face driers:</b><br/>Automatic hand drier in approved color, operating on an infra-red automatic sensing system with safety cut-out complete with plastic rawl plugs and fixing screws. The hand drier to have a heating capacity of 2.1kw and performance flow rate of 135cfm (3.82m<sup>3</sup>/min) and to be of size 270x264x143mm deep as WANDSWORTH BUNNIE Model HDZ or approved equivalent.</p>   | No   | 2   |      |        |
| D  | <p><b>Soap Dispenser:</b><br/>Wall mounted Soap dispenser with a capacity of about one Litre having a press action Soap release mechanism complete with fixing screws. As <b>starmix</b> or approved equivalent</p>   | No   | 2   |      |        |
| <b>Total carried forward to the collection page 13</b> |   |      |     |      |        |

| Item   | Description   | Unit | Qty | Rate | Amount |
|--|---|------|-----|------|--------|
| A  | <p><b>Undersink Heater:</b><br/>           10 litres capacity undersink instantaneous water heater complete with 3.0kw electric heating element, externally adjustable capillary type thermostat, polyurethane form thermal insulation, corrosion-proof moulding outer casing, mountings, water and electrical connections. The heater shall be as Ariston with power supply 3.0kw, 240/50Hz or equal and approved.</p> | No   | 1   |      |        |
| <b>Total carried forward to the collection page 13</b> |   |      |     |      |        |



| Item   | Description  | Unit | Qty | Rate | Amount |
|--|--|------|-----|------|--------|
|  | <p><b><u>INTERNAL PLUMBING</u></b><br/> To supply and install Chlorinated Polyvinyl Chloride(CPVC) tubing and fittings which meet requirements of ASTM F442 as described.Tenderers must allow for jointings,clippings,couplings etc,necessary for the proper and satisfactory functioning of the installation when pricing.All joints shall assembled using solvent cements that meet or exceeds the requirement of ASTM F493 and to the Engineer's Approval. Rates must allow for all Metal/plastic threaded adaptors where required for connection of sanitary fixtures,valves etc</p> <p><b>CPVC PIPES:</b></p> <p>A 15mm diameter CPVC pipe.</p> <p>B 20mm -Ditto-</p> <p>C 25mm -Ditto-</p> <p>D 32mm -Ditto-</p> <p>E 40mm -Ditto-</p> <p>F 50mm -Ditto-</p> <p><i>Extra- over CPVC pipework for the following:</i></p> <p><b>Bends:</b></p> <p>G 15mm bends</p> <p>H 20mm -Ditto-</p> <p>I 25mm -Ditto-</p> <p>J 32mm -Ditto-</p> <p>K 40mm -Ditto-</p> <p>L 50mm -Ditto-</p> |      |     |      |        |
|  |  | Lm   | 35  |      |        |
|  |  | Lm   | 44  |      |        |
|  |  | Lm   | 52  |      |        |
|  |  | Lm   | 34  |      |        |
|  |  | Lm   | 14  |      |        |
|  |  | Lm   | 24  |      |        |
|  |  | No   | 34  |      |        |
|  |  | No   | 45  |      |        |
|  |  | No   | 25  |      |        |
|  |  | No   | 44  |      |        |
|  |  | No   | 38  |      |        |
|  |  | No   | 23  |      |        |
| <b>Total carried forward to the collection page 13</b> |  |      |     |      |        |

| Item   | Description   | Unit | Qty | Rate | Amount |
|--|---|------|-----|------|--------|
|  | <b>Threaded fittings:</b>   |      |     |      |        |
| A  | 20x15mm dia. male threaded 90° bend   | No   | 35  |      |        |
| B  | 25x15mm dia. male threaded 90° bend   | No   | 30  |      |        |
| C  | 32x15mm dia. female threaded 90° bend   | No   | 20  |      |        |
| D  | 40x15mm dia. female threaded 90° bend   | No   | 5   |      |        |
|  | <b>Equal tees:</b>  |      |     |      |        |
| E  | 20mm equal tee  | No   | 18  |      |        |
| F  | 25mm equal tee  | No   | 30  |      |        |
| G  | 32mm -Ditto-  | No   | 10  |      |        |
| H  | 40mm -Ditto-  | No   | 9   |      |        |
| I  | 50mm -Ditto-  | No   | 9   |      |        |
|  | <b>Reducers:</b>  |      |     |      |        |
| J  | 20x15mm reducer   | No   | 20  |      |        |
| K  | 25x20mm -Ditto-   | No   | 13  |      |        |
| L  | 32x25mm -Ditto-   | No   | 8   |      |        |
| M  | 40x32mm -Ditto-   | No   | 10  |      |        |
| N  | 50x40 mm -Ditto-  | No   | 12  |      |        |
|  | <b>Gate valves:</b>   |      |     |      |        |
| O  | 50mm dia. approved medium pressure screw down full way non- rising stem wedge gate valve to BS 1952, with wheel and head joints to steel tubing. The gate valve to be as "Pegler" or approved equivalent. | No   | 4   |      |        |
| P  | 40mm -ditto-  | No   | 4   |      |        |
| Q  | 32mm -ditto-  | No   | 10  |      |        |
| R  | 25mm -ditto-  | No   | 6   |      |        |
| S  | 20mm -ditto-  | No   | 6   |      |        |
| <b>Total carried forward to the collection page 13</b> |   |      |     |      |        |

| Item   | Description  | Unit | Qty | Rate | Amount |
|--|--|------|-----|------|--------|
|  | <b>Plain Sockets:</b>  |      |     |      |        |
| A  | 50mm sockets   | No   | 18  |      |        |
| B  | 40mm ditto   | No   | 22  |      |        |
| C  | 32mm ditto   | No   | 22  |      |        |
| D  | 25mm ditto   | No   | 21  |      |        |
| E  | Allow for water connection from existing water supply mains.   | Item | 1   |      |        |
| F  | 50 mm diameter pipe GI from existing supply pipe to the new building   | Lm   | 15  |      |        |
| G  | Excavation from existing supply pipe to the new building   | Lm   | 15  |      |        |
| H  | 15mm diameter x 300mm long flexible connectors complete with integral chrome plated angle valve for connecting the sanitary fitting to water supply. To be as Cobra or equal and approved.   | No   | 12  |      |        |
|  | <b>Water Storage Tank:</b>   |      |     |      |        |
| I  | Supply, deliver and install vertical close end plastic moulded tank of capacity 5,000 litres (652 gallons) and diameter 1550 x 1250mm high. The tank to be assembled complete with cover and having screwed connections for inlet, outlet, overflow, high pressure ball valve, drain pipes and any other necessary item for its proper functioning. The tank shall be mounted on a platform and shall be as ROTO Model or approved equivalent. | No   | 2   |      |        |
| J  | Allow for pressure testing, flushing out and sterilization of the cold water system as required to the satisfaction of the Engineer.   | Item | 1   |      |        |
| <b>Total carried forward to the collection page 13</b> |  |      |     |      |        |

| Item   | Description  | Unit | Qty | Rate | Amount |
|--|--|------|-----|------|--------|
|  | <b><u>INTERNAL DRAINAGE</u></b>  |      |     |      |        |
|  | All drainage pipes to be as 'Key Terrain or equal and approved equivalent. Allow for connection to the nearest manholes. |      |     |      |        |
|  | <b>PVC and muPVC pipework:</b>   |      |     |      |        |
| A  | 100mm heavy duty golden brown pipe class I   | Lm   | 25  |      |        |
| B  | 100mm diameter heavy duty grey pipe class I  | Lm   | 23  |      |        |
| C  | 50mm ditto   | Lm   | 14  |      |        |
| D  | 40mm ditto   | Lm   | 18  |      |        |
| E  | 32mm ditto   | Lm   | 13  |      |        |
|  | <b>PVC and muPVC pipework:</b>   |      |     |      |        |
| F  | 100mm diameter long radius bend  | No   | 17  |      |        |
| G  | 32mm diameter bend   | No   | 20  |      |        |
| H  | 32mm diameter sweep Tee  | No   | 20  |      |        |
| I  | 100mm diameter sweep Tee   | No   | 35  |      |        |
| J  | 50mm diameter sweep Tee  | No   | 36  |      |        |
| K  | 40mm diameter sweep Tee  | No   | 16  |      |        |
| L  | 100mm diameter access cap  | No   | 31  |      |        |
| M  | 50mm diameter access cap   | No   | 10  |      |        |
| N  | 40mm diameter access cap   | No   | 16  |      |        |
| O  | 32mm diameter access cap   | No   | 16  |      |        |
| P  | 40mm diameter bend   | No   | 14  |      |        |
| Q  | 50mm diameter bend   | No   | 10  |      |        |
| <b>Total carried forward to the collection page 13</b> |  |      |     |      |        |

| Item   | Description   | Unit | Qty | Rate | Amount |
|--|---|------|-----|------|--------|
| A  | 100 mm diameter WC connector                                  | No   | 6   |      |        |
| B  | 100mm diameter 4-way Floor trap and gratings                  | No   | 4   |      |        |
| C  | 100mm floor gully complete with cover                         | No   | 4   |      |        |
| D  | 100mm diameter vent cow                                       | No   | 2   |      |        |
| E  | 100mm diameter weathering slate and apron                     | No   | 2   |      |        |
| F  | Inspection Chamber(manhole)                                   | No   | 9   |      |        |
| G  | Testing and commissioning the internal drainage installations | Item | 1   |      |        |
| <b>Total carried forward to the collection page 13</b> |   |      |     |      |        |

| Item   | Description  | Qty | Unit | Rate | Amount |
|--|--|-----|------|------|--------|
|  | <b><u>FIRE FIGHTING EQUIPMENT</u></b><br><i>Supply, deliver and install the following fire fighting equipment in positions indicated on the contract drawings or as shall be instructed by the Engineer.</i>   |     |      |      |        |
| A  | <b>Hose Reel Pump:</b><br>ALLOW FOR INSTALLATION OF THE SUPPLIED Hose reel pumpset mounted on a frame with a mild steel base plate. There shall be two pumps one duty the other standby each of duty 4.5m <sup>3</sup> /hr against 25m head Grundfos or approved equivalent. In addition there shall be a 24litres diaphragm pressure vessel (as Varem or approved equivalent), pressure switches, a switch to protect dry run, gate valves and non- | Set | 1    |      |        |
| C  | <b>Control Panel:</b><br><b>ALLOW FOR THE INSTALLATION</b> Control panel for the above pumps with contactors, over voltage and under voltage protection relays, start/stop push buttons and indicators lights. All this shall be housed in a lockable cabinet (with integral isolator) made from SWG 18 mild steel sheet that is oven powder coated  | No. | 1    |      |        |
| D  | <b>PIPE WORK:</b><br>Supply, deliver and install galvanized mild steel pipes to BS 1387, class "B" Tenderers must allow in their pricing of pipework for all couplings, connectors, joints, unions etc as required in running lengths of pipework. Also where necessary for pipe fixing clips, holderbats plugged or screwed.  |     |      |      |        |
| E  | <b>GMS PIPE:</b><br>50mm diameter gms pipe class "B"   | Lm  | 54   |      |        |
| F  | 25mm diameter gms pipe class "B"   | Lm  | 12   |      |        |
| G  | <b>Bends</b><br>50mm diameter Bend   | No  | 8    |      |        |
| <b>Total carried forward to the collection page 13</b> |  |     |      |      |        |

| Item   | Description               | Unit | Qty | Rate | Amount |
|--|---------------------------|------|-----|------|--------|
| A  | 25mm -ditto-              | No   | 19  |      |        |
| B  | 50mm x25mm Reduce         | No   | 12  |      |        |
| C  | 50mm equal Tee            | No   | 11  |      |        |
|  | <b>Gate valve:</b>        |      |     |      |        |
| D  | 50mm Gate valve           | No   | 4   |      |        |
| E  | 25mm -ditto-              | No   | 9   |      |        |
| F  | 50mm non return valve     | No   | 2   |      |        |
|  | <b>Unions:</b>            |      |     |      |        |
| G  | 50mm diameter pipe unions | No   | 3   |      |        |
| H  | 25mm diameter pipe unions | No   | 6   |      |        |
| I  | 25mm air release valve    | No   | 4   |      |        |
| J  | 50mm ditto                | No   | 2   |      |        |
| <b>Total carried forward to the collection page 13</b> |                           |      |     |      |        |

| <b>COLLECTION PAGE</b> |  |                   |
|------------------------|--|-------------------|
| <b>Item</b>            | <b>Description</b>   | <b>Total</b>      |
| 1                      | Total brought forward from page 1  |                   |
| 2                      | Total brought forward from page 2  |                   |
| 3                      | Total brought forward from page 3  |                   |
| 4                      | Total brought forward from page 4  |                   |
| 5                      | Total brought forward from page 5  |                   |
| 6                      | Total brought forward from page 6  |                   |
| 7                      | Total brought forward from page 7  |                   |
| 8                      | Total brought forward from page 8  |                   |
| 9                      | Total brought forward from page 9  |                   |
| 10                     | Total brought forward from page10  |                   |
| 11                     | Total brought forward from page11  |                   |
| 12                     | <b>ALLOW FOR REPLACEMENT OF THE EXISTING HIGH LEVEL WATER TOWER TO HOLD PLASTIC TANKS FOR THE TOILET C/W ALL ASSOCIATED BUILDERS WORKS</b> | <b>750,000.00</b> |
|                        | <b>Total for Sanitary Fittings, Plumbing works, Drainage works and Fire-Fighting Equipment carried to Main Summary Page</b>                |                   |



**COLDROOM INSTALLATION  
WORKS**

**PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE**

| <b>Item</b>                             | <b>Description</b>  | <b>Qty</b> | <b>Unit</b> | <b>Rate (Kshs)</b> | <b>Cost (Kshs)</b> |
|---|---|------------|-------------|--------------------|--------------------|
|   | <b><u>COLDROOM INSTALLATIONS</u></b>  |            |             |                    |                    |
| <b>A</b>                                | <b>3.0Kw evaporator unit.</b><br>Supply and install Evaporator cooling unit operating on refrigerant R134a or R404a CFC-free and to be complete with blower fans, motors and defrost heater. The unit to be as "Gunter" or equal and approved.  | 1          | No.         |                    |                    |
| <b>B</b>                                | <b>Semi-hermetic condensing unit</b><br>To have capacity matching Item A above.To be as "BITZER" or equal and approved.   | 1          | No.         |                    |                    |
| <b>C</b>                                | <b>Coldroom Door.</b><br>Supply and install an insulated coldroom door size 1800 x 900 x 175mm. Complete with the following;-<br>(i)20mm diameter rubber seals on door edges,<br>(ii)light sensor to switch off internal lighting when the door is closed.<br>(iii)Inside release door lock.  | 1          | No.         |                    |                    |
| <b>D</b>                                | <b>Coldroom Roof and Wall Panels.</b><br>Supply and install complete wall and roof coldroom panels made of 18 SWG Aluminium sheetings with 100mm thick insulation materials (sandwich) and related accessories  | 24         | SM          |                    |                    |
| <b>E</b>                                | <b>Coldroom Floor.</b><br>Supply and install floor non-slip and waterproof coldroom panels made of 10SWG heavy duty Alluminium chequered with 100mm thick insulation material (sandwich) and related accessories  | 25         | SM          |                    |                    |
| <b>F</b>                                | <b>Control panel</b><br>Supply and install a fully wired electrical control panel made of mild steel and anodized.To be complete with contactors, timers and all other accessories necessary for the automatic operation of the coldstore.Other accessories to include but not restricted to;-<br>Starter, Indicator lights indicating "compressor running",<br>Indicator light indicating compressor trip and Indicator light indicating "defrost cycle in progress" | 1          | No.         |                    |                    |
| <b>G</b>                                | <b>Accessories</b><br>Allow for accessories to include aluminium angle line, pop rivets, self-tapping screws, silicon sealant, uprofile galvanized plain sheet 16G to hold the panels and pufoam sealant  | 2          | Item        |                    |                    |
| <b>H</b>                                | <b>DRUG rail</b><br>80mm diameter galvanised mild steel rail, 4.2m long<br><b>complete with 12No.stainless steel meat hooks.</b>  | 1          | Item        |                    |                    |
| <b>I</b>                                | <b>DRUGS/MEDICINE Rack</b><br>Supply and Install 1730 x 1450 x 800 S/S 4-tier coldroom racks with 65 x 65 x 65mm stainless steel angle iron stiffen; 25 x25 x25mm RHS runners and 1.5mm plate shelf panel.  | 4          | No          |                    |                    |
| <b>Total carried to Collection Page</b> |   |            |             |                    |                    |

| Item                                    | Description   | Qty | Unit | Rate (Kshs) | Amount (Kshs) |
|---|---|-----|------|-------------|---------------|
|   | <b>The following Refrigeration Controls.</b><br>(All refrigeration controls shall be as DANFOSS or equal and approved).   |     |      |             |               |
| A                                       | Room Thermostat to cut compressor in and out, depending on the room temperature.  | 1   | No   |             |               |
| B                                       | Dial Thermometer range -4 <sup>0</sup> to 50 °C   | 1   | No   |             |               |
| C                                       | Thermostatic Expansion Valve  | 1   | No   |             |               |
| D                                       | 15mm Solenoid valve   | 1   | No   |             |               |
| E                                       | 15mm Filter drier   | 1   | No   |             |               |
| F                                       | LP/HP Cut – out switch complete with High/Low pressure gauge  | 1   | No   |             |               |
| G                                       | 15mm Sight glass  | 1   | No   |             |               |
|   | <b><u>To Also allow for the following:-</u></b>   |     |      |             |               |
| H                                       | Anti-Vibration Mountings for the equipment as WOODS P.N.50417 or equal and approved.  | 4   | Set  |             |               |
| I                                       | Supply and install refrigeration piping consisting of copper tubing for both liquid and gas line, insulated externally with Armaflex which shall be held securely to the pipe.  | 20  | Lm   |             |               |
| J                                       | Supply and install 25mm diameter PVC high pressure insulated condensate drain pipe work to discharge into the nearest gully trap from the coldroom equipment.   | 24  | Lm   |             |               |
| K                                       | 65W vapor proof light fittings  | 1   | No   |             |               |
| L                                       | Allow for the charging of the refrigeration system with necessary amount of refrigerant for initial testing and eventual operation of the coldstore.  | 1   | Item |             |               |
| M                                       | <b>COLDROOM Store Wall Mounted Extract Fan</b> capable of at least 250m <sup>3</sup> /hr and having sound pressure level of not more than 40dba at 3 meters. It shall be complete with front cover, on/off switch, long length ladder strips, exterior protective grille, wall kit, panel fixing clips, internal louvre grille and back draught shutter. The fans will be controlled through a wired control panel as Xpelair fan controller model EC6H or approved equivalent. The fan will be flush mounted into the wall. It shall be as Xpelair GX6 or approved equivalent. | 1   | No   |             |               |
| N                                       | Aluminium powder coated door louver of size 400 x 300mm to be mounted on the door of vegetable store.   | 1   | No   |             |               |
| O                                       | Associated electrical works including but not limited to installing individual cold room machine isolator as a safety measure when machines are being serviced, connection from isolator/consumer unit to cold room machines, including wiring and conduits through control panel.  | 1   | Item |             |               |
| P                                       | <b>Testing and commissioning</b><br>Allow for Testing and commissioning of the WAREHOUSE cold room installation to the satisfaction of the Engineer   | 1   | item |             |               |
| <b>Total carried to Collection Page</b> |   |     |      |             |               |

**COLLECTION PAGE FOR COLDROOM**

| Item | Description   | Qty | Unit | Rate (Kshs) | Amount (Kshs) |
|------|---|-----|------|-------------|---------------|
| A    | Total from page BQ1   |     |      |             |               |
| B    | Total from page BQ2   |     |      |             |               |
|      | <b>Total for Coldroom Installation Works Carried Forward to Main Summary Page</b> |     |      |             |               |

# **AIR-CONDITIONING INSTALLATION WORKS**

**PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE**

| Item  | Description  | Qty | Unit | Rate | Amount<br>(Kshs.) |
|---|--|-----|------|------|-------------------|
| A   | <p><b><u>WALL MOUNTED SUPPLY FAN AND EXTRACTOR FANS:</u></b><br/>                     Supply fan capable of a volume flow rate of 1.5m<sup>3</sup>/s against a pressure from of 100Pa. Fan to be a aerofoil axial flow fan complete with supports, flexible connections and anti-vibrations mountings. As "WOODS" aerofoil axial flow type 35JM/16/2/5/14 running at speed 2800 rpm or equal and approved.</p> | 21  | No   |      |                   |
| B   | <p><b>Weather louvers:</b><br/>                     weather louvers to match the inlet and outlet ducts for supply &amp; extract fans</p>  | 4   | Item |      |                   |
| <b>Total carried forward to Collection page 4</b> |  |     |      |      |                   |

| Item  | Description  | Qty | Unit | Rate | Amount (Kshs.) |
|---|--|-----|------|------|----------------|
|   | <b><u>AIR-CONDITIONING INSTALLATIONS TO<br/>MANAGER'S OFFICES</u></b>  |     |      |      |                |
|   | <b><u>SPLIT AIR CONDITIONING SYSTEM - High Wall<br/>Type Air Cooling Unit</u></b><br>The air conditioning system shall be split type:<br>The indoor unit shall be High wall type air-cooling unit . The air conditioning unit shall be supplied complete with room thermometer, room thermostat controls, Drainage pump and wireless remote control device. It shall be charged with R410A refrigerant or any other non ozone depleting refrigerant. The unit shall be such that if the power supply goes off, it will start automatically after power is restored with three minute delay. The outdoor unit shall have matching capacity with the indoor unit. The unit shall be "Carrier" Model or equal and approved.The indoor unit shall have the following capacity: |     |      |      |                |
| A   | 6.9KW (24,000 Btu/hr)<br><b>Refrigeration Pipework</b>   | 2   | No   |      |                |
| B   | Refrigeration liquid line pipework including 25mm Amaflex insulation.  | 12  | Lm   |      |                |
| C   | Refrigeration gas line pipework including 25mm Amaflex insulation.   | 12  | Lm   |      |                |
|   | <b>Drain</b>   |     |      |      |                |
| D   | 25mm PVC condensate drainage pipework, class D, including bends, clips, joints and tees in the running lengths of the pipe.  | 16  | Lm   |      |                |
|   | <b>Surge Protector</b>   |     |      |      |                |
| E   | Power surge protector as Solatek to suite or equal and approved.   | 2   | No   |      |                |
|   | <b>Mounting bracket</b>  |     |      |      |                |
| F   | Mounting bracket for the outdoor unit complete with a cage and provided with purpose-made protective steel iron angle frame and all other anchoring accessories including rawl bolts and anti-vibration rubber mountings to engineer's approval.   | 2   | Item |      |                |
| <b>Total carried forward to Collection page 4</b> |  |     |      |      |                |

| Item  | Description  | Qty | Unit | Rate | Amount (Kshs.) |
|---|--|-----|------|------|----------------|
|   | <p><b><u>AIR-CONDITIONING INSTALLATIONS TO SECRETARY'S OFFICE</u></b></p> <p><b><u>SPLIT AIR CONDITIONING SYSTEM - High Wall Type Air Cooling Unit</u></b></p> <p>The air conditioning system shall be split type. The indoor unit shall be High wall type air-cooling unit . The air conditioning unit shall be supplied complete with room thermometer, room thermostat controls, Drainage pump and wireless remote control device. It shall be charged with R410A refrigerant or any other non ozone depleting refrigerant. The unit shall be such that if the power supply goes off, it will start automatically after power is restored with three minute delay. The outdoor unit shall have matching capacity with the indoor unit. The unit shall be "Carrier" Model or equal and approved.The indoor unit shall have the following capacity:</p> |     |      |      |                |
| A   | 5.24KW (18,000 Btu/hr)   | 1   | No   |      |                |
|   | <b>Refrigeration Pipework</b>  |     |      |      |                |
| B   | Refrigeration liquid line pipework including 25mm Amaflex insulation.  | 30  | Lm   |      |                |
| C   | Refrigeration gas line pipework including 25mm Amaflex insulation.   | 30  | Lm   |      |                |
|   | <b>Drain</b>   |     |      |      |                |
| D   | 25mm PVC condensate drainage pipework, class D, including bends, clips, joints and tees in the running lengths of the pipe.  | 40  | Lm   |      |                |
|   | <b>Surge Protector</b>   |     |      |      |                |
| E   | Power surge protector as Solatek to suite or equal and approved.   | 5   | No   |      |                |
|   | <b>Mounting bracket</b>  |     |      |      |                |
| F   | Mounting bracket for the outdoor unit complete with a cage and provided with purpose-made protective steel iron angle frame and all other anchoring accessories including rawl bolts and anti-vibration rubber mountings to engineer's approval.   | 5   | Item |      |                |
| <b>Total carried forward to Collection page 4</b> |  |     |      |      |                |



| Item   | Description            | Qty | Unit | Rate | Amount<br>(Kshs.) |  |
|--|------------------------|-----|------|------|-------------------|--|
|  | <u>COLLECTION PAGE</u> |     |      |      |                   |  |
| 1  | Total from page 1      |     |      |      |                   |  |
| 2  | Total from page2       |     |      |      |                   |  |
| 3  | Total from page 3      |     |      |      |                   |  |
| <b>Total for Air conditioning Works carried forward to Main Summary page</b> |                        |     |      |      |                   |  |

**MAIN SUMMARY PAGE -  
MECHANICAL INSTALLATION  
WORKS**

**PROPOSED COMPLETION WORKS TO EXISTING MOMBASA WAREHOUSE FOR  
KEMSA**

| Item | Description   | Amount (Kshs.) |
|------|---|----------------|
|      | <p><u>SUMMARY PAGE</u></p> <p>1 Total for Sanitary Fittings, Plumbing works, Drainage works and Fire-Fighting Equipment brought forward from collection page 13</p> <p>2 Total for Coldroom Installation Works brought forward from collection page BQ3</p> <p>3 Total for Air conditioning Installation Works brought forward from collection page 4</p> |                |
|      | <p align="center"><b>TOTAL FOR MECHANICAL INSTALLATION WORKS<br/>CARRIED FORWARD TO GRAND SUMMARY PAGE</b></p>  |                |

# **PROVISIONAL SUMS**

PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA WAREHOUSE FOR THE KENYA  
MEDICAL SUPPLIES AUTHORITY (KEMSA)

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | K.SHS |
|------|--|-----|------|------|-------|
|      | <p><u>PROVISIONAL SUMS</u></p> <p><u>The following provisional sums are to be measured on completion and priced in accordance with the rates contained in these bills of quantities or prorata thereto or deducted in whole if not required</u></p> <p>A Allow a provisional sum of Kenya Shillings One Million Five Hundred Thousand (Kshs 1,500,000.00) only for Contingencies</p> |     | ITEM |      |       |
|      | <b>TOTAL FOR PROVISIONAL SUMS CARRIED TO GRAND SUMMARY</b>   |     |      |      |       |

# **GRAND SUMMARY**

**PROPOSED COMPLETION WORKS TO THE EXISTING MOMBASA  
WAREHOUSE FOR THE KENYA MEDICAL SUPPLIES AUTHORITY  
(KEMSA)**

**GRAND SUMMARY**

| ITEM | DESCRIPTION  | Page No. | FOR TENDERER<br>USE ONLY | FOR OFFICIAL USE<br>ONLY |
|------|--|----------|--------------------------|--------------------------|
|      |  |          | <b>K.SHS.</b>            | <b>K.SHS.</b>            |
| A    | PARTICULAR PRELIMINARIES                                   | PP / 8   |                          |                          |
| B    | GENERAL PRELIMINARIES                                      | GP / 13  |                          |                          |
| C    | COMPLETION WORKS TO WAREHOUSE                              | WH / 6   |                          |                          |
| D    | COMPLETION WORKS TO FLAMMABLE<br>STORE                     | FS / 1   |                          |                          |
| E    | PUMP HOUSE   | PH / 14  |                          |                          |
| F    | WORKS TO ABLUTION BLOCK                                    | AB / 12  |                          |                          |
| G    | PRE-FABRICATED OFFICE BLOCK                                | OFB / 15 |                          |                          |
| H    | ELECTRICAL INSTALLATION WORKS                              | GS - 1   |                          |                          |
| I    | MECHANICAL INSTALLATION WORKS                              | Mech - 1 |                          |                          |
| J    | PROVISIONAL SUMS   | PS / 1   |                          |                          |
|      | <b>SUB-TOTAL</b>   |          |                          |                          |
|      | <b>VAT 16%</b>   |          |                          |                          |
|      | <b>GRAND TOTAL (IN KSHS) CARRIED TO FORM OF<br/>TENDER</b> |          |                          |                          |

**Amount in words.** Kenya Shillings .....

.....

.....

**Tenderer's Signature and stamp** .....

Address .....

.....

Date .....

**Witness Signature** .....

Address .....

.....

Date .....