

# REPUBLIC OF KENYA



## COUNTY GOVERNMENT OF WEST POKOT

### PROPOSED CONSTRUCTION OF FOUR STAFF HOUSES AND VIP LATRINES, SEPTIC TANK, FEMALE WARD, SOLAR POWER SUPPLY AT SRUMBEN HEALTH CENTRE IN WEST POKOT COUNTY

**TENDER NO: CGWP/OT/EF/024/2023 – 2024**

## TENDER DOCUMENT

**COUNTY ARCHITECT  
DEPARTMENT OF PUBLIC WORKS  
P.O. BOX 349  
KAPENGURIA**

**COUNTY QUANTITY SURVEYOR  
DEPARTMENT OF PUBLIC WORKS  
P.O. BOX 349  
KAPENGURIA**

**COUNTY MECH ENGINEER  
DEPARTMENT OF PUBLIC WORKS  
P.O. BOX 349  
KAPENGURIA**

**COUNTY STRUCTURAL ENGINEER  
DEPARTMENT OF PUBLIC WORKS  
P.O. BOX 349  
KAPENGURIA**

**FEBRUARY, 2024**

## **INVITATION TO TENDER**

**PROCURING ENTITY: COUNTY GOVERNMENT OF WEST POKOT  
P.O BOX 222-30600  
KAPENGURIA**

**CONTRACT NAME AND DESCRIPTION: PROPOSED CONSTRUCTION OF FOUR STAFF HOUSES AND VIP LATRINES, SEPTIC TANK, FEMALE WARD, SOLAR POWER SUPPLY AT SRUMBEN HEALTH CENTRE IN WEST POKOT COUNTY**

The Equalization Fund Advisory Board through the County Government of West Pokot invites sealed tenders for the **Proposed CONSTRUCTION OF FOUR STAFF HOUSES AND VIP LATRINES, SEPTIC TANK, FEMALE WARD, SOLAR POWER SUPPLY AT SRUMBEN HEALTH CENTRE IN WEST POKOT COUNTY**

Tendering will be conducted under open competitive method (Open National Tender) using a standardized tender document. Tendering is open to all qualified and interested tenderers.

1. Qualified and interested tenderers may obtain further information and inspect the Tender Documents during office hours **[9.00am-4.00pm]** at the address given below.
2. The tender documents with detailed specifications shall be downloaded free of charge from County Government Website [www.westpokot.go.ke](http://www.westpokot.go.ke) and Public Procurement Information portal [www.tenders.go.ke](http://www.tenders.go.ke).
3. Tender documents may be viewed and downloaded for free from *Public Procurement Information portal* [www.tenders.go.ke](http://www.tenders.go.ke).
4. Tenders shall be quoted be in Kenya Shillings and shall include all taxes. Tenders shall remain valid for **180 days** from the date of opening of tenders.
5. All Tenders must be accompanied by a **tender security of Kshs 1,400,000.00**
6. The Tenderer shall chronologically serialize all pages of the tender documents submitted.
7. Completed tenders must be delivered to the address below on or before **4<sup>TH</sup> MARCH 2024**
8. Tenders will be opened immediately after the deadline date and time specified above or any dead line date and time specified later. Tenders will be publicly opened in the presence of the Tenderers' designated representatives who choose to attend at the address below.
9. Late tenders will be rejected.
10. The addresses referred to above are:
  - A. **Address for obtaining further information and for purchasing tender documents**

**COUNTY GOVERNMENT OF WEST POKOT  
HEAD OF SUPPLY CHAIN MANAGEMENT SERVICES OFFICE  
P.O BOX 222-30600  
KAPENGURIA  
[procurement@westpokot.go.ke](mailto:procurement@westpokot.go.ke)**

**B. Address for Submission of Tenders.**

OFFICE OF THE COUNTY EXECUTIVE COMMITTEE MEMBER OF FINANCE  
COUNTY GOVERNMENT OF WESTPOKOT  
P.O BOX 222-30600,  
ATT. HEAD OF SUPPLY CHAIN MANAGEMENT SERVICES.  
COUNTY TREASURY, TENDER BOX

**C. Address for Opening of Tenders.**

- 1) COUNTY GOVERNMENT OF WEST POKOT  
MINISTRY OF FINANCE AND ECONOMIC PLANNING
- 2) COUNTY TREASURY, LOWER BOARDROOM

**[Authorized Official**

Name: **STEPHEN KAPEL**

Designation: **HEAD OF SUPPLY CHAIN MANAGEMENT SERVICES**

Signature \_\_\_\_\_

Date: .....

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# **PART 1 - TENDERING PROCEDURES**

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## SECTION I: INSTRUCTIONS TO TENDERERS

### A General Provisions

#### 1. Scope of Tender

- 1.1 The Procuring Entity as defined in the Appendix to Conditions of Contract invites tenders for Works Contract as described in the tender documents. The name, identification, and number of lots (contracts) of this Tender Document are **specified in the TDS**.

#### 2. Fraud and Corruption

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

#### 3. Eligible Tenderers

- 3.1 A Tenderer may be a firm that is a private entity, a state-owned enterprise or institution subject to ITT 3.7 or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. Public employees and their close relatives (*wives, children, brothers, sisters and uncles and aunts*) are not eligible to participate in the tender. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the tendering process and, in the event the JV is awarded the Contract, during contract execution. The maximum number of JV members shall be specified in the **TDS**.
- 3.2 Public Officers of the Procuring Entity, their Spouses, Child, Parent, Brothers or Sister. Child, Parent, Brother or Sister of a Spouse, their business associates or agents and firms/organizations in which they have a substantial or controlling interest shall not be eligible to tender or be awarded a contract. Public Officers are also not allowed to participate in any procurement proceedings.
- 3.3 A Tenderer shall not have a conflict of interest. Any tenderer found to have a conflict of interest shall be disqualified. A tenderer may be considered to have a conflict of interest for the purpose of this tendering process, if the tenderer:
  - a) Directly or indirectly controls, is controlled by or is under common control with another tenderer; or
  - b) Receives or has received any direct or indirect subsidy from another tenderer; or
  - c) Has the same legal representative as another tenderer; or
  - d) Has a relationship with another tenderer, directly or through common third parties, that puts it in a position

to influence the tender of another tenderer, or influence the decisions of the Procuring Entity regarding this tendering process; or

- e) Any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of the tender; or
- f) any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as Engineer for the Contract implementation; or
- g) Would be providing goods, works, or non-consulting services resulting from or directly related to consulting services for the preparation or implementation of the contract specified in this Tender Document or
- h) Has a close business or family relationship with a professional staff of the Procuring Entity who:
  - i) are directly or indirectly involved in the preparation of the Tender document or specifications of the Contract, and/or the Tender evaluation process of such contract; or
  - ii) would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the tendering process and execution of the Contract.

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

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

3.6 A Tenderer may have the nationality of any country, subject to the restrictions pursuant to ITT 4.8. A Tenderer shall be deemed to have the nationality of a country if the Tenderer is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub-consultants for any part of the Contract including related Services.

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

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

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

3.10 Foreign tenderers are required to source at least forty (40%) percent of their contract inputs (in supplies, subcontracts and labor) from national suppliers and contractors. To this end, a foreign tenderer shall provide in its tender documentary evidence that this requirement is met. Foreign tenderers not meeting this criterion will be automatically disqualified. Information required to enable the Procuring Entity determine if this condition is met shall be provided in for this purpose is be provided in “*SECTION III - EVALUATION AND QUALIFICATION CRITERIA, Item 9*”.

3.11 Pursuant to the eligibility requirements of ITT 4.10, a tender is considered a foreign tenderer, if the tenderer is not registered in Kenya or if the tenderer is registered in Kenya and has less than 51 percent ownership by Kenyan

Citizens. JVs are considered as foreign tenderers if the individual member firms are not registered in Kenya or if are registered in Kenya and have less than 51 percent ownership by Kenyan citizens. The JV shall not subcontract to foreign firms more than 10 percent of the contract price, excluding provisional sums.

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

#### **4 Eligible Goods, Equipment, and Services**

- 4.1 Goods, equipment and services to be supplied under the Contract may have their origin in any country that is not eligible under ITT 3.9. At the Procuring Entity's request, Tenderers may be required to provide evidence of the origin of Goods, equipment and services.
- 4.2 Any goods, works and production processes with characteristics that have been declared by the relevant national environmental protection agency or by other competent authority as harmful to human beings and to the environment shall not be eligible for procurement.

#### **5 Tenderer's Responsibilities**

- 5.1 The tenderer shall bear all costs associated with the preparation and submission of his/her tender, and the Procuring Entity will in no case be responsible or liable for those costs.
- 5.2 The tenderer, at the tenderer's own responsibility and risk, is encouraged to visit and examine the Site of the 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.
- 5.3 The Tenderer and any of its personnel or agents will be granted permission by the Procuring Entity to enter upon its premises and lands for the purpose of such visit. The Tenderer shall indemnify the Procuring Entity against all liability arising from death or personal injury, loss of or damage to property, and any other losses and expenses incurred as a result of the inspection.
- 5.4 The tenderer shall provide in the Form of Tender and Qualification Information, a preliminary description of the proposed work method and schedule, including charts, as necessary or required.

#### **B. Contents of Tender Documents**

#### **6 Sections of Tender Document**

- 6.1 The tender document consists of Parts 1, 2, and 3, which includes all the sections specified below, and which should be read in conjunction with any Addenda issued in accordance with ITT 8.

## **PART 1 Tendering Procedures**

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

## **PART 2 Works Requirements**

- i) Section V - Drawings
- ii) Section VI - Specifications
- iii) Section VII - Bills of Quantities

## **PART 3 Conditions of Contract and Contract Forms**

- i) Section VIII - General Conditions of Contract (GCC)
- ii) Section IX - Special Conditions of Contract (SC)
- iii) Section X - Contract Forms

6.2 The Invitation to Tender Document (ITT) issued by the Procuring Entity is not part of the Contract documents.

6.3 Unless obtained directly from the Procuring Entity, the Procuring Entity is not responsible for the completeness of the Tender document, responses to requests for clarification, the minutes of the pre-Tender meeting (if any), or Addenda to the Tender document in accordance with ITT 8. In case of any contradiction, documents obtained directly from the Procuring Entity shall prevail.

The Tenderer is expected to examine all instructions, forms, terms, and specifications in the Tender Document and to furnish with its Tender all information and documentation as is required by the Tender document.

## **7. Site Visit**

7.1 The Tenderer, at the Tenderer's own responsibility and risk, is encouraged to visit and examine and inspect the Site of the Required Services and its surroundings and obtain all information that may be necessary for preparing the Tender and entering into a contract for the Services. The costs of visiting the Site shall be at the Tenderer's own expense.

## **8. Pre-Tender Meeting**

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

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

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

8.4 The Procuring Entity shall also promptly publish anonymized (*no names*) Minutes of the pre-Tender meeting and the pre-arranged pretender visit of the site of the works at the web page identified in the TDS. Any modification to the Tender Documents that may become necessary as a result of the pre-tender meeting and the pre-arranged pretender site visit, shall be made by the Procuring Entity exclusively through the issue of an Addendum pursuant to ITT 8 and not through the minutes of the pre-Tender meeting. Nonattendance at the pre-Tender meeting will not be a cause for disqualification of a Tenderer.



## **9. Clarification and amendments of Tender Documents**

9.1 A Tenderer requiring any clarification of the Tender Document shall contact the Procuring Entity in writing at the Procuring Entity's address specified in the TDS or raise its enquiries during the pre-Tender meeting and the pre-arranged pretender visit of the site of the works if provided for in accordance with ITT 8.4. The Procuring Entity will respond in writing to any request for clarification, provided that such request is received no later than the period specified in the TDS prior to the deadline for submission of tenders. The Procuring Entity shall forward copies of its response to all tenderers who have acquired the Tender Documents in accordance with ITT 6.3, including a description of the inquiry but without identifying its source. If specified in the TDS, the Procuring Entity shall also promptly publish its response at the web page identified in the TDS. Should the clarification result in changes to the essential elements of the Tender Documents, the Procuring Entity shall amend the Tender Documents appropriately following the procedure under ITT 8.4.

## **10. Amendment of Tendering Document**

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

10.2 Any addendum issued shall be part of the tendering document and shall be communicated in writing to all who have obtained the tendering document from the Procuring Entity in accordance with ITT 6.3. The Procuring Entity shall also promptly publish the addendum on the Procuring Entity's web page in accordance with ITT 8.4.

10.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their Tenders, the Procuring Entity shall extend, as necessary, the deadline for submission of Tenders, in accordance with ITT 25.2 below.

## **C. Preparation of Tenders**

### **11. Cost of Tendering**

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

### **12. Language of Tender**

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

### **13. Documents Comprising the Tender**

13.1 The Tender shall comprise the following:

- a) Form of Tender prepared in accordance with ITT 14;
- b) Schedules including priced Bill of Quantities, completed in accordance with ITT 14 and ITT 16;
- c) Tender Security or Tender-Securing Declaration, in accordance with ITT 21.1;
- d) Alternative Tender, if permissible, in accordance with ITT 15;
- e) Authorization: written confirmation authorizing the signatory of the Tender to commit the Tenderer, in accordance with ITT 22.3;
- f) Qualifications: documentary evidence in accordance with ITT 19 establishing the Tenderer's qualifications to perform the Contract if its Tender is accepted;
- g) Conformity: a technical proposal in accordance with ITT 18;
- h) Any other document required in the TDS.

13.2 In addition to the requirements under ITT 11.1, Tenders submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful Tender shall be signed by all members and submitted with the Tender,

together with a copy of the proposed Agreement. The Tenderer shall chronologically serialize pages of all tender documents submitted.

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

#### **14 Form of Tender and Schedules**

14.1 The Form of Tender and Schedules, including the Bill of Quantities, shall be prepared using the relevant forms furnished in Section IV, Tendering Forms. The forms must be completed without any alterations to the text, and no substitutes shall be accepted except as provided under ITT 20.3. All blank spaces shall be filled in with the information requested.

#### **15 Alternative Tenders**

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

15.2 When alternative times for completion are explicitly invited, a statement to that effect will be included in the TDS, and the method of evaluating different alternative times for completion will be described in Section III, Evaluation and Qualification Criteria.

15.3 Except as provided under ITT 13.4 below, Tenderers wishing to offer technical alternatives to the requirements of the Tender Documents must first price the Procuring Entity's design as described in the Tender Documents and shall further provide all information necessary for a complete evaluation of the alternative by the Procuring Entity, including drawings, design calculations, technical specifications, breakdown of prices, and proposed construction methodology and other relevant details. Only the technical alternatives, if any, of the Tenderer with the Winning Tender conforming to the basic technical requirements shall be considered by the Procuring Entity. When specified in the TDS, Tenderers are permitted to submit alternative technical solutions for specified parts of the Works, and such parts will be identified in the TDS, as will the method for their evaluating, and described in Section VII, Works' Requirements.

#### **16 Tender Prices and Discounts**

16.1 The prices and discounts (including any price reduction) quoted by the Tenderer in the Form of Tender and in the Bill of Quantities shall conform to the requirements specified below.

16.2 The Tenderer shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by the Tenderer shall be deemed covered by the rates for other items in the Bill of Quantities and will not be paid for separately by the Procuring Entity. An item not listed in the priced Bill of Quantities shall be assumed to be not included in the Tender, and provided that the Tender is determined substantially responsive notwithstanding this omission, the average price of the item quoted by substantially responsive Tenderers will be added to the Tender price and the equivalent total cost of the Tender so determined will be used for price comparison.

16.3 The price to be quoted in the Form of Tender, in accordance with ITT 14.1, shall be the total price of the Tender, including any discounts offered.

16.4 The Tenderer shall quote any discounts and the methodology for their application in the Form of Tender, in accordance with ITT 14.1.

16.5 It will be specified in the TDS if the rates and prices quoted by the Tenderer are or are not subject to adjustment during the performance of the Contract in accordance with the provisions of the Conditions of Contract, except in cases where the contract is subject to fluctuations and adjustments, not fixed price. In such a case, the Tenderer shall furnish the indices and weightings for the price adjustment formulae in the Schedule of Adjustment Data and the Procuring Entity may require the Tenderer to justify its proposed indices and weightings.

16.6 Where tenders are being invited for individual lots (contracts) or for any combination of lots (packages), tenderers wishing to offer discounts for the award of more than one Contract shall specify in their Tender the price reductions applicable to each package, or alternatively, to individual Contracts within the package. Discounts shall be submitted in accordance with ITT 16.4, provided the Tenders for all lots (contracts) are opened at the same time.

16.7 All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 30 days prior to the deadline for submission of Tenders, shall be included in the rates and prices and the total Tender Price submitted by the Tenderer.

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

17.1 Tenderers shall quote entirely in Kenya Shillings. The unit rates and the prices shall be quoted by the Tenderer in the Bill of Quantities, entirely in Kenya shillings. A Tenderer expecting to incur expenditures in other currencies for inputs to the Works supplied from outside Kenya shall device own ways of getting foreign currency to meet those expenditures.

## **18. Documents Comprising the Technical Proposal**

18.1 The Tenderer shall furnish a technical proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section IV, Tender Forms, in sufficient detail to demonstrate the adequacy of the Tenderer's proposal to meet the work's requirements and the completion time.

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

19.1 Tenderers shall complete the Form of Tender, included in Section IV, Tender Forms, to establish Tenderer's eligibility in accordance with ITT 4.

19.2 In accordance with Section III, Evaluation and Qualification Criteria, to establish its qualifications to perform the Contract the Tenderer shall provide the information requested in the corresponding information sheets included in Section IV, Tender Forms.

19.3 A margin of preference will not be allowed. Preference and reservations will be allowed, individually or in joint ventures. Applying for eligibility for Preference and reservations shall supply all information required to satisfy the criteria for eligibility specified in accordance with ITT 33.1.

19.4 Tenderers shall be asked to provide, as part of the data for qualification, such information, including details of ownership, as shall be required to determine whether, according to the classification established by the Procuring Entity, a contractor or group of contractors qualifies for a margin of preference. Further the information will enable the Procuring Entity identify any actual or potential conflict of interest in relation to the procurement and/or contract management processes, or a possibility of collusion between tenderers, and thereby help to prevent any corrupt influence in relation to the procurement process or contract management.

19.5 The purpose of the information described in ITT 19.4 above overrides any claims to confidentiality which a tenderer may have. There can be no circumstances in which it would be justified for a tenderer to keep information relating to its ownership and control confidential where it is tendering to undertake public sector work and receive public sector funds. Thus, confidentiality will not be accepted by the Procuring Entity as a justification for a Tenderer's failure to disclose, or failure to provide required information on its ownership and control.

19.6 The Tenderer shall provide further documentary proof, information or authorizations that the Procuring Entity may request in relation to ownership and control which information on any changes to the information which was provided by the tenderer under ITT 6.3. The obligations to require this information shall continue for the duration of the procurement process and contract performance and after completion of the contract, if any change to the information previously provided may reveal a conflict of interest in relation to the award or management of the contract.

19.7 All information provided by the tenderer pursuant to these requirements must be complete, current and accurate as at the date of provision to the Procuring Entity. In submitting the information required pursuant to these requirements, the Tenderer shall warrant that the information submitted is complete, current and accurate as at the date of submission to the Procuring Entity.

19.8 If a tenderer fails to submit the information required by these requirements, its tender will be rejected. Similarly, if the Procuring Entity is unable, after taking reasonable steps, to verify to a reasonable degree the information submitted by a tenderer pursuant to these requirements, then the tender will be rejected.

19.9 If information submitted by a tenderer pursuant to these requirements, or obtained by the Procuring Entity (whether through its own enquiries, through notification by the public or otherwise), shows any conflict of interest which could materially and improperly benefit the tenderer in relation to the procurement or contract management process, then:

- i) if the procurement process is still ongoing, the tenderer will be disqualified from the procurement process,
- ii) if the contract has been awarded to that tenderer, the contract award will be set aside,
- iii) the tenderer will be referred to the relevant law enforcement authorities for investigation of whether the tenderer or any other persons have committed any criminal offence.

19.10 If a tenderer submits information pursuant to these requirements that is incomplete, inaccurate or out-of-date, or attempts to obstruct the verification process, then the consequences ITT 6.7 will ensue unless the tenderer can show to the reasonable satisfaction of the Procuring Entity that any such act was not material, or was due to genuine error which was not attributable to the intentional act, negligence or recklessness of the tenderer.

## **20. Period of Validity of Tenders**

20.1 Tenders shall remain valid for the Tender Validity period specified in the TDS. The Tender Validity period starts from the date fixed for the Tender submission deadline (as prescribed by the Procuring Entity in accordance with ITT 24). A Tender valid for a shorter period shall be rejected by the Procuring Entity as non-responsive.

20.2 In exceptional circumstances, prior to the expiration of the Tender validity period, the Procuring Entity may request Tenderers to extend the period of validity of their Tenders. The request and the responses shall be made in writing. If a Tender Security is requested in accordance with ITT 21.1, it shall also be extended for thirty (30) days beyond the deadline of the extended validity period. A Tenderer may refuse the request without forfeiting its Tender security. A Tenderer granting the request shall not be required or permitted to modify its Tender, except as provided in ITT 20.3.

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

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

## **21. Tender Security**

21.1 The Tenderer shall furnish as part of its Tender, either a Tender-Securing Declaration or a Tender Security as specified in the TDS, in original form and, in the case of a Tender Security, in the amount and currency specified in the TDS. A Tender-Securing Declaration shall use the form included in Section IV, Tender Forms.

21.2 If a Tender Security is specified pursuant to ITT 19.1, the Tender Security shall be a demand guarantee in any of the following forms at the Tenderer's option:

- a) an unconditional Bank Guarantee issued by reputable commercial bank); or
- b) an irrevocable letter of credit;
- c) a Banker's cheque issued by a reputable commercial bank; or
- d) another security specified **in the TDS**,

21.3 If an unconditional bank guarantee is issued by a bank located outside Kenya, the issuing bank shall have a correspondent bank located in Kenya to make it enforceable. The Tender Security shall be valid for thirty (30) days beyond the original validity period of the Tender, or beyond any period of extension if requested under ITT 20.2.

21.4 If a Tender Security or Tender-Securing Declaration is specified pursuant to ITT 19.1, any Tender not accompanied by a substantially responsive Tender Security or Tender-Securing Declaration shall be rejected by the Procuring Entity as non-responsive.

21.5 If a Tender Security is specified pursuant to ITT 21.1, the Tender Security of unsuccessful Tenderers shall be returned as promptly as possible upon the successful Tenderer's signing the Contract and furnishing the

Performance Security and any other documents required in the TDS. The Procuring Entity shall also promptly return the tender security to the tenderers where the procurement proceedings are terminated, all tenders were determined nonresponsive or a bidder declines to extend tender validity period.

21.6 The Tender Security of the successful Tenderer shall be returned as promptly as possible once the successful Tenderer has signed the Contract and furnished the required Performance Security, and any other documents required in the TDS.

21.7 The Tender Security may be forfeited or the Tender-Securing Declaration executed:

- e) if a Tenderer withdraws its Tender during the period of Tender validity specified by the Tenderer on the Form of Tender, or any extension thereto provided by the Tenderer; or
- f) if the successful Tenderer fails to:
  - i) sign the Contract in accordance with ITT 50; or
  - ii) furnish a Performance Security and if required in the TDS, and any other documents required in the TDS.

21.8 Where tender securing declaration is executed, the Procuring Entity shall recommend to the PPRA that PPRA debars the Tenderer from participating in public procurement as provided in the law.

21.9 The Tender Security or the Tender-Securing Declaration of a JV shall be in the name of the JV that submits the Tender. If the JV has not been legally constituted into a legally enforceable JV at the time of tendering, the Tender Security or the Tender-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITT 4.1 and ITT 11.2.

21.10A tenderer shall not issue a tender security to guarantee itself.

## **22 Format and Signing of Tender**

22.1 The Tenderer shall prepare one original of the documents comprising the Tender as described in ITT 13 and clearly mark it "ORIGINAL." Alternative Tenders, if permitted in accordance with ITT 15, shall be clearly marked "ALTERNATIVE." In addition, the Tenderer shall submit copies of the Tender, in the number specified in the TDS and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail.

22.2 Tenderers shall mark as "CONFIDENTIAL" all information in their Tenders which is confidential to their business. This may include proprietary information, trade secrets, or commercial or financially sensitive information.

22.3 The original and all copies of the Tender shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Tenderer. This authorization shall consist of a written confirmation as specified in the TDS and shall be attached to the Tender. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Tender where entries or amendments have been made shall be signed or initialed by the person signing the Tender.

22.4 In case the Tenderer is a JV, the Tender shall be signed by an authorized representative of the JV on behalf of the JV, and to be legally binding on all the members as evidenced by a power of attorney signed by their legally authorized representatives.

22.5 Any inter-lineation, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Tender.

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

### **23 Sealing and Marking of Tenders**

23.1 Depending on the sizes or quantities or weight of the tender documents, a tenderer may use an envelope, package or container. The Tenderer shall deliver the Tender in a single sealed envelope, or in a single sealed package, or in a single sealed container bearing the name and Reference number of the Tender, addressed to the Procuring Entity and a warning not to open before the time and date for Tender opening date. Within the single envelope, package or container, the Tenderer shall place the following separate, sealed envelopes:



- a) in an envelope or package or container marked “ORIGINAL”, all documents comprising the Tender, as described in ITT 11; and
- b) in an envelope or package or container marked “COPIES”, all required copies of the Tender; and
- c) if alternative Tenders are permitted in accordance with ITT 15, and if relevant:
  - i) in an envelope or package or container marked “ORIGINAL –ALTERNATIVE TENDER”, the alternative Tender; and
  - ii) in the envelope or package or container marked “COPIES- ALTERNATIVE TENDER”, all required copies of the alternative Tender.

The inner envelopes or packages or containers shall:

- a) bear the name and address of the Procuring Entity.
- b) bear the name and address of the Tenderer; and
- c) bear the name and Reference number of the Tender.

23.2 If an envelope or package or container is not sealed and marked as required, the *Procuring Entity* will assume no responsibility for the misplacement or premature opening of the Tender. Tenders that are misplaced or opened prematurely will not be accepted.

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

24.1 Tenders must be received by the Procuring Entity at the address specified in the TDS and no later than the date and time also specified in the TDS. When so specified in the TDS, Tenderers shall have the option of submitting their Tenders electronically. Tenderers submitting Tenders electronically shall follow the electronic Tender submission procedures specified in the TDS.

24.2 The Procuring Entity may, at its discretion, extend the deadline for the submission of Tenders by amending the Tender Documents in accordance with ITT 8, in which case all rights and obligations of the Procuring Entity and Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

## **25. Late Tenders**

25.1 The Procuring Entity shall not consider any Tender that arrives after the deadline for submission of tenders, in accordance with ITT 24. 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.

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

26.1 A Tenderer may withdraw, substitute, or modify its Tender after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITT 22.3, (except that withdrawal notices do not require copies). The corresponding substitution or modification of the Tender must accompany the respective written notice. All notices must be:

- a) prepared and submitted in accordance with ITT 22 and ITT 23 (except that withdrawals notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” “SUBSTITUTION,” “MODIFICATION;” and
- b) received by the Procuring Entity prior to the deadline prescribed for submission of Tenders, in accordance with ITT 24.

26.2 Tenders requested to be withdrawn in accordance with ITT 26.1 shall be returned unopened to the Tenderers.

26.3 No Tender may be withdrawn, substituted, or modified in the interval between the deadline for submission of Tenders and the expiration of the period of Tender validity specified by the Tenderer on the Form of Tender or any extension thereof.

## **27. Tender Opening**

27.1 Except in the cases specified in ITT 23 and ITT 26.2, the Procuring Entity shall publicly open and read out all Tenders received by the deadline, at the date, time and place specified in the TDS, in the presence of Tenderers' designated representatives who chooses to attend. Any specific electronic Tender opening procedures required if electronic Tendering is permitted in accordance with ITT 24.1, shall be as specified in the TDS.

- 27.2 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelopes with the corresponding Tender shall not be opened, but returned to the Tenderer. No Tender withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at Tender opening.
- 27.3 Next, envelopes marked “SUBSTITUTION” shall be opened and read out and exchanged with the corresponding Tender being substituted, and the substituted Tender shall not be opened, but returned to the Tenderer. No Tender substitution shall be permitted unless the corresponding substitution notice contains a valid authorization to request the substitution and is read out at Tender opening.
- 27.4 Next, envelopes marked “MODIFICATION” shall be opened and read out with the corresponding Tender. No Tender modification shall be permitted unless the corresponding modification notice contains a valid authorization to request the modification and is read out at Tender opening.
- 27.5 Next, all remaining envelopes shall be opened one at a time, reading out: the name of the Tenderer and whether there is a modification; the total Tender Price, per lot (contract) if applicable, including any discounts and alternative Tenders; the presence or absence of a Tender Security or Tender-Securing Declaration, if required; and any other details as the Procuring Entity may consider appropriate.
- 27.6 Only Tenders, alternative Tenders and discounts that are opened and read out at Tender opening shall be considered further for evaluation. The Form of Tender and pages of the Bills of Quantities are to be initialed by the members of the tender opening committee attending the opening. The number of representatives of the Procuring Entity to sign shall be specified in the TDS.
- 27.7 At the Tender Opening, the Procuring Entity shall neither discuss the merits of any Tender nor reject any Tender (except for late Tenders, in accordance with ITT 25.1).
- 27.8 The Procuring **Entity shall prepare minutes of the Tender Opening that shall include, as a minimum:**
- a) the name of the Tenderer and whether there is a withdrawal, substitution, or modification;
  - b) the Tender Price, per lot (contract) if applicable, including any discounts;
  - c) any alternative Tenders;
  - d) the presence or absence of a Tender Security, if one was required.
  - e) number of pages of each tender document submitted.
- 27.9 The Tenderers' representatives who are present shall be requested to sign the minutes. The omission of a Tenderer's signature on the minutes shall not invalidate the contents and effect of the minutes. A copy of the tender opening register shall be distributed to all Tenderers upon request.

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

### **28. Confidentiality**

- 28.1 Information relating to the evaluation of Tenders and recommendation of contract award shall not be disclosed to Tenderers or any other persons not officially concerned with the Tender process until information on Intention to Award the Contract is transmitted to all Tenderers in accordance with ITT 46.
- 28.2 Any effort by a Tenderer to influence the Procuring Entity in the evaluation of the Tenders or Contract award decisions may result in the rejection of its tender.
- 28.3 Notwithstanding ITT 28.2, from the time of tender opening to the time of contract award, if a tenderer wishes to contact the Procuring Entity on any **matter related to the tendering process, it shall do so in writing.**

### **29. Clarification of Tenders**

- 29.1 To assist in the examination, evaluation, and comparison of the tenders, and qualification of the tenderers, the Procuring Entity may, at its discretion, ask any tenderer for a clarification of its tender, given a reasonable time for a response. Any clarification submitted by a tenderer that is not in response to a request by the Procuring Entity shall not be considered. The Procuring Entity's request for clarification and the response shall be in writing. No change, including any voluntary increase or decrease, in the prices or substance of the tender shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the

Procuring Entity in the evaluation of the tenders, in accordance with ITT 33.

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

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

30.1 During the evaluation of tenders, the following definitions apply:

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

### **31. Determination of Responsiveness**

31.1 The Procuring Entity's determination of a Tender's responsiveness is to be based on the contents of the tender itself, as defined in ITT 13.

31.2 A substantially responsive Tender is one that meets the requirements of the Tender document without material deviation, **reservation, or omission. A material deviation, reservation, or omission is one that, if accepted, would:**

- a) affect in any substantial way the scope, quality, or performance of the Works specified in the Contract; or
- b) limit in any substantial way, inconsistent with the tender document, the Procuring Entity's rights or the tenderer's obligations under the proposed contract; or
- c) if rectified, would unfairly affect the competitive position of other tenderers presenting substantially responsive tenders.

31.3 The Procuring Entity shall examine the technical aspects of the tender submitted in accordance with ITT 18, to confirm that all requirements of Section VII, Works' Requirements have been met without any material deviation, reservation or omission.

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

### **32. Non-material Non-conformities**

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

32.2 Provided that a Tender is substantially responsive, the Procuring Entity may request that the tenderer submit the necessary information or documentation, within a reasonable period, to rectify nonmaterial non-conformities in the tender related to documentation requirements. Requesting information or documentation on such non-conformities shall not be related to any aspect of the price of the tender. Failure of the tenderer to comply with the request may result in the rejection of its tender.

32.3 Provided that a tender is substantially responsive, the Procuring Entity shall rectify quantifiable nonmaterial non-conformities related to the Tender Price. To this effect, the Tender Price shall be adjusted, for comparison purposes only, to reflect the price of a missing or non-conforming item or component in the manner specified in the **TDS**.

### **33. Arithmetical Errors**

33.1 The tender sum as submitted and read out during the tender opening shall be absolute and final and shall not be the subject of correction, adjustment or amendment in any way by any person or entity.



33.2 Provided that the Tender is substantially responsive, the Procuring Entity shall handle errors on the following basis:

- a) Any error detected if considered a major deviation that affects the substance of the tender, shall lead to disqualification of the tender as non-responsive.
- b) Any errors in the submitted tender arising from a miscalculation of unit price, quantity, and subtotal and total bid price shall be considered as a major deviation that affects the substance of the tender and shall lead to disqualification of the tender as non-responsive. and
- c) if there is a discrepancy between words and figures, the amount in words shall prevail

33.3 Tenderers shall be notified of any error detected in their bid during the notification of a ward.

#### **34. Currency provisions**

34.1 Tenders will be priced in Kenya Shillings only. Tenderers quoting in currencies other than in Kenya shillings will be determined non-responsive and rejected.

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

35.1 No margin of preference shall be allowed on contracts for small works.

35.2 Where it is intended to reserve the contract to specific groups under Small and Medium Enterprises, or enterprise of women, youth and/or persons living with disability, who are appropriately registered as such by the authority to be specified in the TDS, a procuring entity shall ensure that the invitation to tender specifically indicates that only businesses/firms belonging to those specified groups are the only ones eligible to tender. Otherwise if no so stated, the invitation will be open to all tenderers.

#### **36. Nominated Subcontractors**

36.1 Unless otherwise stated in the **TDS**, the Procuring Entity does not intend to execute any specific elements of the Works by subcontractors selected in advance by the Procuring Entity.

36.2 Tenderers may propose subcontracting up to the percentage of total value of contracts or the volume of works as specified in the TDS. Subcontractors proposed by the Tenderer shall be fully qualified for their parts of the Works.

36.3 The subcontractor's qualifications shall not be used by the Tenderer to qualify for the Works unless their specialized parts of the Works were previously designated by the Procuring Entity in the TDS as can be met by subcontractors referred to hereafter as 'Specialized Subcontractors', in which case, the qualifications of the Specialized Subcontractors proposed by the Tenderer may be added to the qualifications of the Tenderer.

#### **37. Evaluation of Tenders**

37.1 The Procuring Entity shall use the criteria and methodologies listed in this ITT and Section III, Evaluation and Qualification Criteria. No other evaluation criteria or methodologies shall be permitted. By applying the criteria and methodologies the Procuring Entity shall determine the Best Evaluated Tender in accordance with ITT 40.

37.2 To evaluate a Tender, the Procuring Entity shall consider the following:

- a) price adjustment due to discounts offered in accordance with ITT 16;
- b) converting the amount resulting from applying (a) and (b) above, if relevant, to a single currency in accordance with ITT 39;
- c) price adjustment due to quantifiable nonmaterial non-conformities in accordance with ITT 30.3; and
- d) any additional evaluation factors specified **in the TDS** and Section III, Evaluation and Qualification Criteria.

37.3 The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be considered in Tender evaluation.

37.4 In the case of multiple contracts or lots, Tenderers shall be allowed to tender for one or more lots and the methodology to determine the lowest evaluated cost of the lot (contract) combinations, including any discounts offered in the **Form of Tender, is specified in Section III, Evaluation and Qualification Criteria.**

### **38. Comparison of Tenders**

38.1 The Procuring Entity shall compare the evaluated costs of all substantially responsive Tenders established in accordance with ITT 38.2 to determine the Tender that has the lowest evaluated cost.

### **39. Abnormally Low Tenders**

39.1 An Abnormally Low Tender is one where the Tender price, in combination with other elements of the Tender, appears so low that it raises material concerns as to the capability of the Tenderer in regards to the Tenderer's ability to perform the Contract for the offered Tender Price or that genuine competition between Tenderers is compromised.

39.2 In the event of identification of a potentially Abnormally Low Tender, the Procuring Entity shall seek written clarifications from the Tenderer, including detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities and any other requirements of the Tender document.

39.3 After evaluation of the price analyses, in the event that the Procuring Entity determines that the Tenderer has failed to demonstrate its capability to perform the Contract for the offered Tender Price, the Procuring Entity shall reject the Tender.

### **40. Abnormally High Tenders**

40.1 An abnormally high price is one where the tender price, in combination with other constituent elements of the Tender, appears unreasonably too high to the extent that the Procuring Entity is concerned that it (the Procuring Entity) may not be getting value for money or it may be paying too high a price for the contract compared with market prices or that genuine competition between Tenderers is compromised.

40.2 In case of an abnormally high tender price, the Procuring Entity shall make a survey of the market prices, check if the estimated cost of the contract is correct and review the Tender Documents to check if the specifications, scope of work and conditions of contract are contributory to the abnormally high tenders. The Procuring Entity may also seek written clarification from the tenderer on the reason for the high tender price. The Procuring Entity shall proceed as follows:

- i) If the tender price is abnormally high based on wrong estimated cost of the contract, the Procuring Entity may accept or not accept the tender depending on the Procuring Entity's budget considerations.
- ii) If specifications, scope of work and/or conditions of contract are contributory to the abnormally high tender prices, the Procuring Entity shall reject all tenders and may retender for the contract based on revised estimates, specifications, scope of work and conditions of contract, as the case may be.

40.3 If the Procuring Entity determines that the Tender Price is abnormally too high because genuine competition between tenderers is compromised (*often due to collusion, corruption or other manipulations*), the Procuring Entity shall reject all Tenders and shall institute or cause competent Government Agencies to institute an investigation on the cause of the compromise, before retendering.

### **41. Unbalanced and/or Front-Loaded Tenders**

41.1 If in the Procuring Entity's opinion, the Tender that is evaluated as the lowest evaluated price is seriously unbalanced and/or front loaded, the Procuring Entity may require the Tenderer to provide written clarifications. Clarifications may include detailed price analyses to demonstrate the consistency of the tender prices with the scope of works, proposed methodology, schedule and any other requirements of the Tender document.

41.2 After the evaluation of the information and detailed price analyses presented by the Tenderer, the Procuring Entity may as appropriate:

- a) accept the Tender; or
- b) require that the total amount of the Performance Security be increased at the expense of the Tenderer to a level not exceeding a 30% of the Contract Price; or
- c) agree on a payment mode that eliminates the inherent risk of the Procuring Entity paying too much for undelivered works; or
- d) reject the Tender,

## **42. Qualifications of the Tenderer**

- 42.1 The Procuring Entity shall determine to its satisfaction whether the eligible Tenderer that is selected as having submitted the lowest evaluated cost and substantially responsive Tender, meets the qualifying criteria specified in Section III, Evaluation and Qualification Criteria.
- 42.2 The determination shall be based upon an examination of the documentary evidence of the Tenderer's qualifications submitted by the Tenderer, pursuant to ITT 19. The determination shall not take into consideration the qualifications of other firms such as the Tenderer's subsidiaries, parent entities, affiliates, subcontractors (other than Specialized Subcontractors if permitted in the Tender document), or any other firm(s) different from the Tenderer.
- 42.3 An affirmative determination shall be a prerequisite for award of the Contract to the Tenderer. A negative determination shall result in disqualification of the Tender, in which event the Procuring Entity shall proceed to the Tenderer who offers a substantially responsive Tender with the next lowest evaluated price to make a similar determination of that Tenderer's qualifications to perform satisfactorily.
- 42.4 An Abnormally Low Tender is one where the Tender price, in combination with other elements of the Tender, appears so low that it raises material concerns as to the capability of the Tenderer in regards to the Tenderer's ability to perform the Contract for the offered Tender Price.
- 42.5 In the event of identification of a potentially Abnormally Low Tender, the Procuring Entity shall seek written clarifications from the Tenderer, including detailed price analyses of its Tender price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities and any other requirements of the Tender document.
- 42.6 After evaluation of the price analyses, if the Procuring Entity determines that the Tenderer has failed to demonstrate its capability to perform the Contract for the offered Tender Price, the Procuring Entity shall reject the Tender.

## **43. Best Evaluated Tender**

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

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

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

## **F. Award of Contract**

### **45. Award Criteria**

- 45.1 The Procuring Entity shall award the Contract to the successful tenderer whose tender has been determined to be the Lowest Evaluated Tender.

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

- 46.1 Upon award of the contract and Prior to the expiry of the Tender Validity Period the Procuring Entity shall issue a Notification of Intention to Enter into a Contract / Notification of award to all tenderers which shall contain, at a minimum, the following information:
- a) the name and address of the Tenderer submitting the successful tender;
  - b) the Contract price of the successful tender;

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

#### **47. Standstill Period**

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

47.2 Where a Standstill Period applies, it shall commence when the Procuring Entity has transmitted to each Tenderer the Notification of Intention to Enter **into a Contract with the successful Tenderer.**

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

48.1 On receipt of the Procuring Entity's Notification of Intention to Enter into a Contract referred to in ITT 46, an unsuccessful tenderer may make a written request to the Procuring Entity for a debriefing on specific issues or concerns regarding their tender. The Procuring Entity shall provide the debriefing within five days of receipt of the request.

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

#### **49. Letter of Award**

49.1 Prior to the expiry of the Tender Validity Period and upon expiry of the Standstill Period specified in ITT 42.1, upon addressing a complaint that has been filed within the Standstill Period, the Procuring Entity shall transmit the Letter of Award to the successful Tenderer. The letter of award shall request the successful tenderer to furnish the Performance Security within 21 days of the date of the letter.

#### **50. Signing of Contract**

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

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

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

#### **51. Appointment of Adjudicator**

51.1 The Procuring Entity proposes the person named in the TDS to be appointed as Adjudicator under the Contract, at the hourly fee specified in the TDS, plus reimbursable expenses. If the Tenderer disagrees with this proposal, the Tenderer should so state in his Tender. If, in the Letter of Acceptance, the Procuring Entity does not agree on the appointment of the Adjudicator, the Procuring Entity will request the Appointing Authority designated in the Special Conditions of Contract (SCC) pursuant to Clause 23.1 of the General Conditions of Contract (GCC), to appoint the Adjudicator.

#### **52. Performance Security**

52.1 Within twenty-one (21) days of the receipt of the Letter of Acceptance from the Procuring Entity, the successful Tenderer shall furnish the Performance Security and, any other documents required in the TDS, in accordance with the General Conditions of Contract, subject to ITT 40.2 (b), using the Performance Security and other Forms included in Section X, Contract Forms, or another form acceptable to the Procuring Entity. A foreign institution providing a bank guarantee shall have a correspondent financial institution located in Kenya, unless the Procuring Entity has agreed in writing that a correspondent bank is not required.

52.2 Failure of the successful Tenderer to submit the above-mentioned Performance Security and other documents required in the TDS, or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Tender Security. In that event the Procuring Entity may award the Contract to the Tenderer offering the next Best Evaluated Tender.

52.3 Performance security shall not be required for contracts estimated to cost less than Kenya shillings five million shillings.

### **53. Publication of Procurement Contract**

53.1 Within fourteen days after signing the contract, the Procuring Entity shall publish the awarded contract at its notice boards and websites; and on the Website of the Authority. At the minimum, the notice shall contain the following information:

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

### **54. Procurement Related Complaints**

54.1 The procedures for making Procurement-related Complaints are as specified in the TDS.

## Section II - Tender Data Sheet (TDS)

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

| ITT Reference | PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS   |
|---------------|--|
|               | <b>A. General</b>  |
| ITT 1.1       | The name of the contract is <b>Proposed Construction of kauriong health center (level 3) at kiwawa ward in West Pokot County.</b><br><br>The reference number of the Contract is <b>CGWP/OT/EF/024/2023 – 2024</b>   |
| ITT 2.3       | The Information made available on competing firms is as follows:<br><b>N/A</b>   |
| ITT 2.4       | The firms that provided consulting services for the contract being tendered for are:<br><b>N/A</b>   |
| ITT 3.1       | Maximum number of members in the Joint Venture (JV) shall be: <b>N/A</b>   |
|               | <b>B. Contents of Tender Document</b>  |
| 8.1           | (A) Pre-Tender conference <b>shall</b> take place at the following date, time and place:<br>Date: N/A<br>Time: N/A<br>Place: N/A<br><br>(B) A pre-arranged pretender visit of the site of the works <b>shall</b> take place at the following date, time and place:<br>Date: 26 <sup>th</sup> and 27 <sup>th</sup> FEB 2024<br>Time: 8.00AM<br>Place: department of ROADS AND PUBLIC WORKS  |
| ITT 8.2       | The Tenderer will submit any questions in writing, to reach the Procuring Entity not later than <b>7 DAYS</b> Before Closing.  |
| ITT 8.4       | The Procuring Entity's website where Minutes of the pre-Tender meeting and the pre-arranged pretender site visit will be published is <u><a href="http://www.westpokot.go.ke">www.westpokot.go.ke</a></u>  |
| ITT 9.1       | For Clarification of Tender purposes, for obtaining further information and for purchasing tender documents, the Procuring Entity's address is:<br><br>(1) Name of Procuring Entity : <b>COUNTY GOVERNMENT OF WESTPOKOT</b><br><br>(2) Physical address for hand Courier Delivery to an office or Tender Box : <b>COUNTY TREASURY, TENDER BOX</b><br><br>(3) Postal Address : PO BOX 222-30600<br><br>(4) Insert name, telephone number and e-mail address of the officer to be contacted. : HEAD SUPPLY CHAIN MANAGEMENT SERVICE, <u><a href="mailto:procurement@westpokot.go.ke">procurement@westpokot.go.ke</a></u> |
|               | <b>C. Preparation of Tenders</b>   |
| ITP 13.1 (h)  | The Tenderer shall submit the following additional documents in its Tender:<br><i>original Tender Security</i>   |
| ITT 15.1      | Alternative Tenders <b>shall not be</b> considered.  |

| ITT Reference                               | PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS   |
|---|--|
| ITT 15.2                                    | Alternative times for completion <b>shall not be</b> permitted.  |
| ITT 15.4                                    | Alternative technical solutions shall be permitted for the following parts of the Works: <b>N/A</b>  |
| ITT 16.5                                    | The prices quoted by the Tenderer shall be: <b>fixed</b>   |
| ITT 20.1                                    | The Tender validity period shall be <b>180 days</b> .  |
| ITT 20.3 (a)                                | (a) The delayed to exceeding <b>N/A</b> number of days.<br><br>(b) The Tender price shall be adjusted by the following percentages of the tender price:<br><br>(i) By <u>  N/A  </u> % of the local currency portion of the Contract price adjusted to reflect local inflation during the period of extension, and<br><br>(ii) By <u>          </u> N/A % the foreign currency portion of the Contract price adjusted to reflect the international inflation during the period of extension. |
| ITT 21.1                                    | A Tender Security <b>shall be</b> required.<br><br>The type of Tender security shall be by a Bank in the amount of Kenya shillings <b>1,400,000.00</b> .<br><br>If a Tender Security shall be required, the amount and currency of the Tender Security shall be <b>Ksh.1,400,000</b> (Kenya Shillings one million four hundred thousand shillings)   |
| ITT 21.2 (d)                                | The other Tender Security shall be <b>Performance Bond</b>   |
| ITT 21.5                                    | On the Performance Security, other documents required shall be <b>NONE</b><br><br>_____  |
| ITT 22.1                                    | In addition to the original of the Tender, the number of copies is: <b>one copy</b>  |
| ITT 22.3                                    | The written confirmation of authorization to sign on behalf of the Tenderer shall consist of: <b>Form of Power of Attorney Commissioned by Commissioner of Oaths</b>   |
| <b>D. Submission and Opening of Tenders</b> |  |
| ITT 24.1                                    | (A) For Tender submission purposes only, the Procuring Entity's address is:<br>Name of Procuring Entity: <b>COUNTY GOVERNMENT OF WESTPOKOT<br/>MINISTRY OF FINANCE AND ECONOMIC PLANNING<br/>(2)P.O BOX 222-30600 KAPENGURIA<br/>(3)COUNTY TREASURY BUILDING TENDER BOX , LOWER<br/>BOARDROOM<br/>(4) Date and time for submission of Tenders: ON OR BEFORE 4<sup>TH</sup> MARCH<br/>AT 11.00AM.<br/><br/>(5) Tenderers <b>shall submit tenders in hard copy.</b></b>                        |
| ITT 27.1                                    | The Tender opening shall take place at the time and the address for Opening of Tenders provided below:<br><br>(1) Name of Procuring Entity: <b>COUNTY GOVERNMENT OF WEST POKOT<br/>MINISTRY OF FINANCE AND ECONOMIC PLANNING</b>   |

| ITT Reference                                   | <b>PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS</b>  |
|---|--|
|   | (2) COUNTY TREASURY, LOWER BOARDROOM<br><br>(3) State date and time of tender opening.: <b>4TH MARCH 2024 at 11.00AM</b>   |
| ITT 27.1  | If Tenderers are allowed to submit Tenders electronically, they shall follow the electronic tender submission procedures <b>N/A</b>  |
| ITT 27.6  | The number of representatives of the Procuring Entity to sign is at <b>least three</b>   |
| <b>E. Evaluation, and Comparison of Tenders</b> |  |
| ITT 32.3  | The adjustment shall be based on the <i>Average</i> price of the item or component as quoted in other substantially responsive Tenders. If the price of the item or component cannot be derived from the price of other substantially responsive Tenders, the Procuring Entity shall use its best estimate.  |
| ITT 35.2  | The invitation to tender is extended to the following groups that qualify for Reservations _____<br>_____ <u>N/A</u> _____<br><br><i>(These groups are Small and Medium Enterprises, Women Enterprises, Youth Enterprises and Enterprises of persons living with disability, as the case may be; describe precisely which groups qualify).</i>   |
| ITT 36.1  | At this time, the Procuring Entity does not intend to execute certain specific parts of the Works by subcontractors selected in advance.   |
| ITT 36.2  | Contractor's may propose subcontracting: Maximum percentage of subcontracting permitted is: <u>n/a</u> % of the total contract amount. Tenderers planning to subcontract more than 10% of total volume of work shall specify, in the Form of Tender, the activity (ies) or parts of the Works to be subcontracted along with complete details of the subcontractors and their qualification and experience.  |
| ITT 36.3  | <i>[Indicate N/A if not applicable]</i><br>The parts of the Works for which the Procuring Entity permits Tenderers to propose Specialized Subcontractors are designated as follows:<br>_____ <u>n/a</u> _____<br>_____ <u>N/A</u> _____<br>_____ <u>N/A</u> _____<br><br>For the above-designated parts of the Works that may require Specialized Subcontractors, the relevant qualifications of the proposed Specialized Subcontractors will be added to the qualifications of the Tenderer for the purpose of evaluation.          |
| ITT 37.2 (d)                                    | Additional requirements apply. These are detailed in the evaluation criteria in Section III, Evaluation and Qualification Criteria.  |
| ITT 51.1  | The person named to be appointed as Adjudicator is _____ <u>N/A</u> _____ of _____ <u>N/A</u> _____ ( <i>pride tel. no. full postal and email addresses</i> ) at an hourly fee of Shs. _____ per day.  |
| ITT 52.2  | Other documents required are as per signed contract  |
| ITT 54.1  | The procedures for making a Procurement-related Complaints are detailed in the "Regulations" available from the PPRA Website <a href="http://www.ppra.go.ke">www.ppra.go.ke</a> or email <a href="mailto:complaints@ppra.go.ke">complaints@ppra.go.ke</a> . If a Tenderer wishes to make a Procurement-related Complaint, the Tenderer should submit its complaint following these procedures, in writing (by the quickest means available, that is either by hand delivery or email to:<br><br>For the attention: MR. Stephen Kapel |



| ITT Reference | PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS   |
|---------------|--|
|               | <p>Title/position: <i>Head of Supply Chain Management Services</i></p> <p>Procuring Entity: <i>County Government of West Pokot</i></p> <p>Email address: <i>procurement@westpokot.go.ke</i></p> <p>In summary, a Procurement-related Complaint may challenge any of the following:</p> <ul style="list-style-type: none"> <li>(i) the terms of the Tender Documents; and</li> <li>(ii) the Procuring Entity's decision to award the contract.</li> </ul> |

## **SECTION III - EVALUATION AND QUALIFICATION CRITERIA**

### **1. General Provisions**

Wherever a Tenderer is required to state a monetary amount, Tenderers should indicate the Kenya Shilling equivalent using the rate of exchange determined as follows:

- a) For construction turnover or financial data required for each year - Exchange rate prevailing on the last day of the respective calendar year (in which the amounts for that year is to be converted) was originally established.
- b) Value of single contract - Exchange rate prevailing on the date of the contract signature.
- c) Exchange rates shall be taken from the publicly available source identified in the ITT 14.3. Any error in determining the exchange rates in the Tender may be corrected by the Procuring Entity.

This section contains the criteria that the Employer shall use to evaluate tender and qualify tenderers. No other factors, methods or criteria shall be used other than specified in this tender document. The Tenderer shall provide all the information requested in the forms included in Section IV, Tendering Forms. The Procuring Entity should use **the Standard Tender Evaluation Document for Goods and Works** for evaluating Tenders.

Evaluation and contract award Criteria

The Procuring Entity shall use the criteria and methodologies listed in this Section to evaluate tenders and arrive at the Lowest Evaluated Tender. The tender that (i) meets the qualification criteria, (ii) has been determined to be substantially responsive to the Tender Documents, and (iii) is determined to have the Lowest Evaluated Tender price shall be selected for award of contract.

### **2. Preliminary examination for Determination of Responsiveness**

The Procuring Entity will start by examining all tenders to ensure they meet in all respects the eligibility criteria and other requirements in the ITT, and that the tender is complete in all aspects in meeting the requirements of "Part 2 – Procuring Entity's Works Requirements", including checking for tenders with unacceptable errors, abnormally low tenders, abnormally high tenders and tenders that are front loaded. The Standard Tender Evaluation Report Document for Goods and Works for evaluating Tenders provides very clear guide on how to deal with review of these requirements. Tenders that do not pass the Preliminary Examination will be considered irresponsive and will not be considered further.

#### **A. PRELIMINARY EVALUATION CRITERIA**

| <b>NO</b> | <b>REQUIREMENTS</b>  | <b>RESPONSIVE OR NOT RESPONSIVE</b> |
|-----------|--|-------------------------------------|
| 1.        | Must attach a Copy of certificate of Registration/Incorporation  |                                     |
| 2.        | Must attach a Copy of Current Valid Tax Compliance Certificate issued by the Kenya Revenue Authority   |                                     |
| 3.        | Must submit Priced Bills of Quantities duly Completed, Signed and Stamped by the Tenderer in the format provided                                 |                                     |
| 4.        | Valid NCA Certificate category 6 and above (Building works)  |                                     |
| 5.        | Current NCA practicing license   |                                     |
| 6.        | Must submit Tender Form duly Completed, Signed and Stamped by the Tenderer in the format provided.   |                                     |
| 7.        | Must submit a dully filled, signed and stamped Confidential Business Questionnaire in format provided  |                                     |
| 8.        | Must fill certificate of independent tender determination in the format provided   |                                     |
| 9.        | Must fill Self declaration forms SD 1: - self-declaration that the person / Tenderer is not debarred in the matter of the Public                 |                                     |
| 10.       | Must fill Self declaration forms SD 2: - self-declaration that the person / Tenderer will not engage on any corrupt or fraudulent practice       |                                     |
| 11.       | Must fill the declaration and commitment to the code of ethics form in the will not engage in any corrupt or fraudulent practice format provided |                                     |

|     |  |  |
|-----|--|--|
| 12. | Must Fill the Tenderer information form in the Format Provided   |  |
| 13. | Attach pre-tender site visit certificate   |  |
| 14. | Attach dully filled signed and stamped pre-tender site visit certificate by project manager/representative |  |

## B. TECHNICAL EVALUATION

| NO | EVALUATION CRITERIA   | MAX.SCORE | SCORE AWARDED |
|----|---|-----------|---------------|
| 1  | Provide evidence of Contracts completed in the last Five (5) years (2016, 2017, 2018, 2019, 2020); a maximum of 5 No. projects of similar size (attach completion certificates signed by the Client)Each completion certificate (5 marks)   | 25        |               |
| 2  | The tenderer to provide recommendation letters from Clients of successfully undertaken projects of similar nature, magnitude and complexity.<br>- Attach at least 3 no letters of reference from the past Clients The letter to have the Client contact person phone number and email.<br>Each letter of recommendation (2 marks)   | 6         |               |
| 3  | Major items of construction equipment and transport proposed to carry out the Contract and an undertaking that they will be available for the Contract/. proposals for the timely acquisition (attach proof or evidence of ownership, lease, hire, etc.) of the essential equipment listed as below: (Each equipment 1marks)<br>i. Vibrating Roller (10 Tonnes)<br>ii. Hand Propelled Vibrating Roller 850 Kg<br>iii. 10 Tonne Tipper Lorry<br>iv. 50mm Delivery water pump and motor.<br>v. Concrete mixer 0.7m <sup>3</sup> /min.<br>vi. Concrete Vibrator (Poker Type)   | 6         |               |
| 4  | Qualifications and experience of key site management and technical personnel proposed for the Contract and an undertaking that they shall be available for the Contract.<br>a. Site Manager least degree in Engineering/Architecture/Quantity Surveying or Project Management and 5 years specific works experience in building construction site management (10 marks)<br><br>b. Building Foreman /Site Agents: At least diploma in Engineering, Architecture/Building or civil works ,8 years specific works experience as foreman in at least 5 years in projects of similar nature and scope(5 marks)<br><br>c. Electrical/Mechanical Foremans: At least diploma in Engineering, Architecture/Building or civil works ,8 years specific works experience as foreman in at least 5 years in projects of similar nature and scope (5 marks) | 20        |               |
| 5  | The tenderer to provide the proposed Program of Works proposed to be used to deliver the project.<br>• Provided a program of works for the within the provided contract duration -10mks).   | 10        |               |
| 6  | Provide audited accounts of the company for the past three years; (2018, 2019, 2020)  | 9         |               |
| 7  | The tenderer to provide documentary evidence of their financial capability;<br>i. Submission of certified bank statements for the past 6months (3mks).<br>ii. Annual Turnover<br>• over 10 million - 5marks;  | 14        |               |

|   |   |     |  |
|---|---|-----|--|
|   | <ul style="list-style-type: none"> <li>• below 10m but over 3 Million- 2marks;</li> <li>• below 3 Million- 0.5 marks</li> </ul> iii.<br>iv. Total bank account balances (over 1m - 4mks; below 1m – 1 mark).<br>a. Letter(s) of credit from the tenderers bankers (2 marks) |     |  |
| 8 | Bidders Authorization to enable the Judiciary seek references from their bankers  | 5   |  |
| 9 | Existence of offices (attach lease agreement or utility bill  | 5   |  |
|   | TOTAL   | 100 |  |

**NB. Cut off points for the technical evaluation shall be 70 marks and bidders who shall not have attained this mark shall not proceed**

**C. FINANCIAL EVALUATION**

1. Determination of evaluated price for each bid
2. Ranking of Tenders according to their bid prices.
3. The tenderer with the lowest evaluated bid will be considered for award (**in case the price indicated in the form of tender does not tally with the cumulative totals from the Bill of Quantities (BQ's), the tender will be disqualified and the next lowest evaluated bid will be considered for award**).

**3. Tender Evaluation (ITT 35) Price evaluation:** in addition to the criteria listed in ITT 35.2 (a) – (c) the following

criteria shall apply:

- i) **Alternative Completion Times**, if permitted under ITT 13.2, will be evaluated as follows:  
 .....
- ii) **Alternative Technical Solutions** for specified parts of the Works, if permitted under ITT 13.4, will be evaluated as follows: .....
- iii) **Other Criteria**; if permitted under ITT 35.2(d):  
 .....

**4. Multiple Contracts**

Multiple contracts will be permitted in accordance with ITT 35.4. Tenderers are evaluated on basis of Lots and the lowest evaluated tenderer identified for each Lot. The Procuring Entity will select one Option of the two Options listed below for award of Contracts.

**OPTION 1**

- i) If a tenderer wins only one Lot, the tenderer will be awarded a contract for that Lot, provided the tenderer meets the Eligibility and Qualification Criteria for that Lot.
- ii) If a tenderer wins more than one Lot, the tender will be awarded contracts for all won Lots, provided the tenderer

meets the aggregate Eligibility and Qualification Criteria for all the Lots. The tenderer will be awarded the combination of Lots for which the tenderer qualifies and the others will be considered for award to second lowest the tenderers.

## **OPTION 2**

The Procuring Entity will consider all possible combinations of won Lots [contract(s)] and determine the combinations with the lowest evaluated price. Tenders will then be awarded to the Tenderer or Tenderers in the combinations provided the tenderer meets the aggregate Eligibility and Qualification Criteria for all the won Lots.

### **5. Alternative Tenders (ITT 13.1)**

*An alternative if permitted under ITT 13.1, will be evaluated as follows:*

The Procuring Entity shall consider Tenders offered for alternatives as specified in Part 2- Works Requirements. Only the technical alternatives, if any, of the Tenderer with the Best Evaluated Tender conforming to the basic technical requirements shall be considered by the Procuring Entity.

### **6. Margin of Preference is not applicable**

### **7. Post qualification and Contract award (ITT 39), more specifically,**

- a) In case the tender was subject to post-qualification, the contract shall be awarded to the lowest evaluated tenderer, subject to confirmation of pre-qualification data, if so required.
- b) In case the tender was not subject to post-qualification, the tender that has been determined to be the lowest evaluated tenderer shall be considered for contract award, subject to meeting each of the following conditions.
  - i) The Tenderer shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow of Kenya Shillings \_\_\_\_\_.
  - ii) Minimum average annual construction turnover of Kenya Shillings \_\_\_\_\_ [*insert amount*], equivalent calculated as total certified payments received for contracts in progress and/or completed within the last \_\_\_\_\_ [*insert of year*] years.
  - iii) At least \_\_\_\_\_ (*insert number*) of contract(s) of a similar nature executed within Kenya, or the East African Community or abroad, that have been satisfactorily and substantially completed as a prime contractor, or joint venture member or sub-contractor each of minimum value Kenya shillings \_\_\_\_\_ equivalent.
  - iv) Contractor's Representative and Key Personnel, which are specified as \_\_\_\_\_
  - v) Contractors key equipment listed on the table "Contractor's Equipment" below and more specifically listed as [*specify requirements for each lot as applicable*] \_\_\_\_\_
  - vi) Other conditions depending on their seriousness.
    - a) **History of non-performing contracts:**  
Tenderer and each member of JV in case the Tenderer is a JV, shall demonstrate that Non-performance of a contract did not occur because of the default of the Tenderer, or the member of a JV in the last \_\_\_\_\_ (*specify years*). The required information shall be furnished in the appropriate form.
    - b) **Pending Litigation**  
Financial position and prospective long-term profitability of the Single Tenderer, and in the case the Tenderer is a JV, of each member of the JV, shall remain sound according to criteria established with respect to Financial Capability under Paragraph (i) above if all pending litigation will be resolved against the Tenderer. Tenderer shall provide information on pending litigations in the appropriate form.
    - c) **Litigation History**  
There shall be no consistent history of court/arbitral award decisions against the Tenderer, in the last \_\_\_\_\_ (*specify years*). All parties to the contract shall furnish the information in the appropriate form about any litigation or arbitration resulting from contracts completed or ongoing under its execution over the years specified. A consistent history of awards against the Tenderer or any member of a JV may result in rejection of the tender.

## 8. QUALIFICATION FORM SUMMARY

| 1        | 2  | 3  | 4   | 5   |
|----------|--|--|---|---|
| Item No. | Qualification Subject  | Qualification Requirement  | Document To be Completed by Tenderer      | For Procuring Entity's Use (Qualification met or Not Met) |
| 1        | Nationality  | Nationality in accordance with ITT 3.6   | Forms ELI – 1.1 and 1.2, with attachments |   |
| 2        | Tax Obligations for Kenyan Tenderers   | Has produced a current tax clearance certificate or tax exemption certificate issued by the the Kenya Revenue Authority in accordance with ITT 3.14.   | Form of Tender                            |   |
| 3        | Conflict of Interest   | No conflicts of interest in accordance with ITT 3.3  | Form of Tender                            |   |
| 4        | PPRA Eligibility   | Not having been declared ineligible by the PPRA as described in ITT 3.8  | Form of Tender                            |   |
| 5        | State- owned Enterprise  | Meets conditions of ITT 3.7  | Forms ELI – 1.1 and 1.2, with attachments |   |
| 6        | Goods, equipment and services to be supplied under the contract                                | To have their origin in any country that is not determined ineligible under ITT 4.1  | Forms ELI – 1.1 and 1.2, with attachments |   |
| 7        | History of Non-Performing Contracts  | Non-performance of a contract did not occur as a result of contractor default since 1 <sup>st</sup> January [.....].   | Form CON-2                                |   |
| 8        | Suspension Based on Execution of Tender /Proposal Securing Declaration by the Procuring Entity | Not under suspension based on-execution of a Tender/Proposal Securing Declaration pursuant to ITT 19.9   | Form of Tender                            |   |
| 9        | Pending Litigation   | Tender's financial position and prospective long-term profitability still sound according to criteria established in 3.1 and assuming that all pending litigation will NOT be resolved against the Tenderer. | Form CON – 2                              |   |
| 10       | Litigation History   | No consistent history of court/arbitral award decisions against the Tenderer since 1 <sup>st</sup> January [ <i>insert year</i> ]  | Form CON – 2                              |   |



| 1        | 2                                    | 3  | 4   | 5   |
|----------|--------------------------------------|--|---|---|
| Item No. | Qualification Subject                | Qualification Requirement  | Document To be Completed by Tenderer          | For Procuring Entity's Use (Qualification met or Not Met) |
| 11       | Financial Capabilities               | <p>(i) The Tenderer shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as Kenya Shillings <i>[insert amount]</i> equivalent for the subject contract(s) net of the Tenderer's other commitments.</p> <p>(ii) The Tenderers shall also demonstrate, to the satisfaction of the Procuring Entity, that it has adequate sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.</p> <p>(iii) The audited balance sheets or, if not required by the laws of the Tenderer's country, other financial statements acceptable to the Procuring Entity, for the last <i>[insert number of years]</i> years shall be submitted and must demonstrate the current soundness of the Tenderer's financial position and indicate its prospective long-term profitability.</p> | Form FIN – 3.1, with attachments              |   |
| 12       | Average Annual Construction Turnover | Minimum average annual construction turnover of Kenya Shillings <i>[insert amount]</i> , equivalent calculated as total certified payments received for contracts in progress and/or completed within the last <i>[insert of year]</i> years, divided by <i>[insert number of years]</i> years   | Form FIN – 3.2                                |   |
| 13       | General Construction Experience      | Experience under construction contracts in the role of prime contractor, JV member, sub-contractor, or management contractor for at least the last <i>[insert number of years]</i> years, starting 1 <sup>st</sup> January <i>[insert year]</i> .  | <b>4.</b> Form EXP – 4.1<br><b>Experience</b> |   |

| 1        | 2  | 3  | 4                                    | 5   |
|----------|--|--|--------------------------------------|---|
| Item No. | Qualification Subject                                  | Qualification Requirement  | Document To be Completed by Tenderer | For Procuring Entity's Use (Qualification met or Not Met) |
|          | Specific Construction & Contract Management Experience | <p>A minimum number of <i>[state the number]</i> similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint venture member, management contractor or sub-contractor between 1st January <i>[insert year]</i> and tender submission deadline i.e. .... (number) contracts, each of minimum value Kenya shillings..... equivalent.</p> <p><i>[In case the Works are to be tender as individual contracts under multiple contract procedure, the minimum number of contracts required for purposes of evaluating qualification shall be selected from the options mentioned in ITT 35.4]</i></p> <p>The similarity of the contracts shall be based on the following: <i>[Based on Section VII, Scope of Works, specify the minimum key requirements in terms of physical size, complexity, construction method, technology and/or other characteristics including part of the requirements that may be met by specialized subcontractors, if permitted in accordance with ITT 34.3]</i></p> | Form EXP 4.2(a)                      |   |





# QUALIFICATION FORMS

## 1. FORMEQU: EQUIPMENT

The Tenderer shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key equipment listed in Section III, Evaluation and Qualification Criteria. A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Tenderer.

|                       |  |                        |
|-----------------------|--|------------------------|
| Item of equipment     |  |                        |
| Equipment information | Name of manufacturer   | Model and power rating |
|                       | Capacity   | Year of manufacture    |
| Current status        | Current location   |                        |
|                       | Details of current commitments   |                        |
| Source                | Indicate source of the equipment<br><input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured |                        |

Omit the following information for equipment owned by the Tenderer.

|            |  |                        |
|------------|--|------------------------|
| Owner      | Name of owner  |                        |
|            | Address of owner   |                        |
|            | Telephone  | Contact name and title |
|            | Fax  | Telex                  |
| Agreements | Details of rental / lease / manufacture agreements specific to the project |                        |
|            |  |                        |
|            |  |                        |

## 2 FORM PER -1

### Contractor's Representative and Key Personnel Schedule

Tenderers should provide the names and details of the suitably qualified Contractor's Representative and Key Personnel to perform the Contract. The data on their experience should be supplied using the Form PER-2 below for each candidate.

### Contractor' Representative and Key Personnel

|    |   |   |
|----|---|---|
| 1. | <b>Title of position:</b> Contractor's Representative |   |
|    | <b>Name of candidate:</b>                             |   |
|    | <b>Duration of appointment:</b>                       | <i>[insert the whole period (start and end dates) for which this position will be engaged]</i>    |
|    | <b>Time commitment: for this position:</b>            | <i>[insert the number of days/week/months/ that has been scheduled for this position]</i>         |
|    | <b>Expected time schedule for this position:</b>      | <i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i> |
| 2. | <b>Title of position:</b> [_____]                     |   |
|    | <b>Name of candidate:</b>                             |   |
|    | <b>Duration of appointment:</b>                       | <i>[insert the whole period (start and end dates) for which this position will be engaged]</i>    |
|    | <b>Time commitment: for this position:</b>            | <i>[insert the number of days/week/months/ that has been scheduled for this position]</i>         |
|    | <b>Expected time schedule for this position:</b>      | <i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i> |
| 3. | <b>Title of position:</b> [_____]                     |   |
|    | <b>Name of candidate:</b>                             |   |
|    | <b>Duration of appointment:</b>                       | <i>[insert the whole period (start and end dates) for which this position will be engaged]</i>    |
|    | <b>Time commitment: for this position:</b>            | <i>[insert the number of days/week/months/ that has been scheduled for this position]</i>         |
|    | <b>Expected time schedule for this position:</b>      | <i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i> |
| 4. | <b>Title of position:</b> [_____]                     |   |
|    | <b>Name of candidate:</b>                             |   |
|    | <b>Duration of appointment:</b>                       | <i>[insert the whole period (start and end dates) for which this position will be engaged]</i>    |
|    | <b>Time commitment: for this position:</b>            | <i>[insert the number of days/week/months/ that has been scheduled for this position]</i>         |
|    | <b>Expected time schedule for this position:</b>      | <i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart)]</i> |

|    |  |  |
|----|--|--|
| 5. | <b>Title of position:</b> <i>[insert title]</i>  |  |
|    | <b>Name of candidate</b>                         |  |
|    | <b>Duration of appointment:</b>                  | <i>[insert the whole period (start and end dates) for which this position will be engaged]</i>   |
|    | <b>Time commitment: for this position:</b>       | <i>[insert the number of days/week/months/ that has been scheduled for this position]</i>        |
|    | <b>Expected time schedule for this position:</b> | <i>[insert the expected time schedule for this position (e.g. attach high level Gantt chart]</i> |

### 3. **FORM PER-2:**

Resume and Declaration - Contractor's Representative and Key Personnel.

|   |  |  |
|---|--|--|
| Name of Tenderer  |  |  |
| Position [#1]: <i>[title of position from Form PER-1]</i> |  |  |
| Personnel information                                     | Name:  | Date of birth:                         |
|   | Address:   | E-mail:                                |
|   | Professional qualifications:   |  |
|   | Academic qualifications:   |  |
|   | Language proficiency: <i>[language and levels of speaking, reading and writing skills]</i> |  |
| Details   | Address of Procuring Entity:   |  |
|   | Telephone:   | Contact (manager / personnel officer): |
|   | Fax:   |  |
|   | Job title:   | Years with present Procuring Entity:   |
|   |  |  |

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

| Project                       | Role  | Duration of involvement | Relevant experience  |
|-------------------------------|---|-------------------------|--|
| <i>[main project details]</i> | <i>[role and responsibilities on the project]</i> | <i>[time in role]</i>   | <i>[describe the experience relevant to this position]</i> |
|                               |   |                         |  |
|                               |   |                         |  |

**Declaration**

I, the undersigned [*insert either "Contractor's Representative" or "Key Personnel" as applicable*], certify that to the best of my knowledge and belief, the information contained in this Form PER-2 correctly describes myself, my qualifications and my experience.

I confirm that I am available as certified in the following table and throughout the expected time schedule for this position as provided in the Tender:

| <b>Commitment</b>                   | <b>Details</b>   |
|-------------------------------------|--|
| Commitment to duration of contract: | <i>[insert period (start and end dates) for which this Contractor's Representative or Key Personnel is available to work on this contract]</i> |
| Time commitment:                    | <i>[insert period (start and end dates) for which this Contractor's Representative or Key Personnel is available to work on this contract]</i> |

I understand that any misrepresentation or omission in this Form may:

- a) be taken into consideration during Tender evaluation;
- b) result in my disqualification from participating in the Tender;
- c) result in my dismissal from the contract.

Name of Contractor's Representative or Key Personnel: [*insert name*]

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

Date: (day month year): \_\_\_\_\_ Countersignature

of authorized representative of the Tenderer:

Signature: \_\_\_\_\_ Date: (day month

year): \_\_\_\_\_

#### 4 TENDERERS QUALIFICATION WITHOUT PRE-QUALIFICATION

To establish its qualifications to perform the contract in accordance with Section III, Evaluation and Qualification Criteria the Tenderer shall provide the information requested in the corresponding Information Sheets included hereunder.

##### FORM ELI -1.1 Tenderer InformationForm

Date: \_\_\_\_\_ ITT No. and title: \_\_\_\_\_

|   |
|---|
| Tenderer's name   |
| In case of Joint Venture (JV), name of each member:   |
| Tenderer's actual or intended country of registration:<br><i>[indicate country of Constitution]</i>   |
| Tenderer's actual or intended year of incorporation:  |
| Tenderer's legal address [in country of registration]:  |
| Tenderer's authorized representative information<br>Name: _____<br>Address: _____<br>Telephone/Fax numbers: _____<br>E-mail address: _____  |
| 1. Attached are copies of original documents of<br><input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITT 3.6<br><input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITT 3.5<br><input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITT 3.8, documents establishing: <ul style="list-style-type: none"><li>• Legal and financial autonomy</li><li>• Operation under commercial law</li><li>• Establishing that the Tenderer is not under the supervision of the Procuring Entity</li></ul> |
| 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.   |

**FORM ELI -1.2**

**Tenderer's JV Information Form**

(to be completed for each member of Tenderer's JV)

Date: \_\_\_\_\_ ITT No. and title: \_\_\_\_\_

|   |
|---|
| Tenderer's JV name:   |
| JV member's name:   |
| JV member's country of registration:  |
| JV member's year of constitution:   |
| JV member's legal address in country of constitution:   |
| JV member's authorized representative information<br>Name: _____<br>Address: _____<br>Telephone/Fax numbers: _____<br>E-mail address: _____   |
| 1. Attached are copies of original documents of<br><input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITT 3.6.<br><input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they are not under the supervision of the Procuring Entity, in accordance with ITT 3.8. |
| 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.   |

**FORM CON - 2**

**Historical Contract Non-Performance, Pending Litigation and Litigation History**

Tenderer's Name: \_\_\_\_\_ Date: \_\_\_\_\_ JV Member's Name  
 \_\_\_\_\_ ITT No. and title: \_\_\_\_\_  
 \_\_\_\_\_

| <b>Non-Performed Contracts in accordance with Section III, Evaluation and Qualification Criteria</b>  |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Contract non-performance did not occur since 1 <sup>st</sup> January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, Sub-Factor 2.1.<br><input type="checkbox"/> Contract(s) not performed since 1 <sup>st</sup> January <i>[insert year]</i> specified in Section III, Evaluation and Qualification Criteria, requirement 2.1 |   |  |   |
| <b>Year</b>   | <b>Non- performed portion of contract</b> | <b>Contract Identification</b>   | <b>Total Contract Amount (current value, currency, exchange rate and Kenya Shilling equivalent)</b> |
| <i>[insert year]</i>  | <i>[insert amount and percentage]</i>     | Contract Identification: <i>[indicate complete contract name/ number, and any other identification]</i><br>Name of Procuring Entity: <i>[insert full name]</i><br>Address of Procuring Entity: <i>[insert street/city/country]</i><br>Reason(s) for nonperformance: <i>[indicate main reason(s)]</i> | <i>[insert amount]</i>  |
| <b>Pending Litigation, in accordance with Section III, Evaluation and Qualification Criteria</b>  |   |  |   |
| <input type="checkbox"/> No pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3.<br><input type="checkbox"/> Pending litigation in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.3 as indicated below.  |   |  |   |



| Year of dispute | Amount in dispute (currency) | Contract Identification   | Total Contract Amount (currency), Kenya Shilling Equivalent (exchange rate) |
|-----------------|------------------------------|---|---|
|                 |                              | Contract Identification: _ _ _<br>Name of Procuring Entity: _____<br>Address of Procuring Entity: _____<br>Matter in dispute: _____<br>Party who initiated the dispute: _<br>Status of dispute: _____ |   |
|                 |                              | Contract Identification:<br>Name of Procuring Entity:<br>Address of Procuring Entity:<br>Matter in dispute:<br>Party who initiated the dispute:<br>Status of dispute:                                 |   |

Litigation History in accordance with Section III, Evaluation and Qualification Criteria

| <p>D No Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub- Factor 2.4.</p> <p>D Litigation History in accordance with Section III, Evaluation and Qualification Criteria, Sub-Factor 2.4 as indicated below.</p> |                                    |  |   |
|--|------------------------------------|--|---|
| Year of award  | Outcome as percentage of Net Worth | Contract Identification  | Total Contract Amount (currency), Kenya Shilling Equivalent (exchange rate) |
| <i>[insert year]</i>   | <i>[insert percentage]</i>         | <p>Contract Identification: [indicate complete contract name, number, and any other identification]</p> <p>Name of Procuring Entity: <i>[insert full name]</i> Address of Procuring Entity: <i>[insert street/city/country]</i></p> <p>Matter in dispute: <i>[indicate main issues in dispute]</i></p> <p>Party who initiated the dispute: <i>[indicate "Procuring Entity" or "Contractor"]</i> Reason(s) for Litigation and award decision <i>[indicate main reason(s)]</i></p> | <i>[insert amount]</i>  |

## 5.4 FORM FIN – 3.1:

### Financial Situation and Performance

Tenderer's Name: \_\_\_\_\_ Date: \_\_\_\_\_ JV  
 Member's Name \_\_\_\_\_ ITT No. and title:

#### 5.4.1. Financial Data

| *Refer to ITT 15 for the exchange rate<br>Type of Financial information<br>in _____<br>(currency) | Historic information for previous _____ years,<br>(amount in currency, currency, exchange rate*, USD equivalent) |        |        |        |        |
|---|--|--------|--------|--------|--------|
|   | Year 1   | Year 2 | Year 3 | Year 4 | Year 5 |
| Statement of Financial Position (Information from Balance Sheet)                                  |  |        |        |        |        |
| Total Assets (TA)   |  |        |        |        |        |
| Total Liabilities (TL)  |  |        |        |        |        |
| Total Equity/Net Worth (NW)   |  |        |        |        |        |
| Current Assets (CA)   |  |        |        |        |        |
| Current Liabilities (CL)  |  |        |        |        |        |
| Working Capital (WC)  |  |        |        |        |        |
| Information from Income Statement   |  |        |        |        |        |
| Total Revenue (TR)  |  |        |        |        |        |
| Profits Before Taxes (PBT)  |  |        |        |        |        |
| Cash Flow Information   |  |        |        |        |        |
| Cash Flow from Operating Activities   |  |        |        |        |        |

## Sources of Finance

Specify sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.

| No. | Source of finance | Amount (Kenya Shilling equivalent) |
|-----|-------------------|------------------------------------|
| 1   |                   |                                    |
| 2   |                   |                                    |
| 3   |                   |                                    |

## Financial documents

The Tenderer and its parties shall provide copies of financial statements for \_\_\_\_\_ years pursuant Section III, Evaluation and Qualifications Criteria, Sub-factor 3.1. The financial statements shall:

- reflect the financial situation of the Tenderer or in case of JV member, and not an affiliated entity (such as parent company or group member).
- be independently audited or certified in accordance with local legislation.
- be complete, including all notes to the financial statements.
- correspond to accounting periods already completed and audited.

Attached are copies of financial statements<sup>1</sup> for the \_\_\_\_\_ years required above; and complying with the requirements

## 5.5 FORM FIN – 3.2

### Average Annual Construction Turnover

Tenderer's Name: \_\_\_\_\_ Date: \_\_\_\_\_ JV Member's Name \_\_\_\_\_  
 \_\_\_\_\_ ITT No. and title: \_\_\_\_\_

| Annual turnover data (construction only)        |  |               |                           |
|---|--|---------------|---------------------------|
| Year  | Amount<br>Currency                               | Exchange rate | Kenya Shilling equivalent |
| <i>[indicate year]</i>                          | <i>[insert amount and indicate<br/>currency]</i> |               |                           |
|   |  |               |                           |
|   |  |               |                           |
| Average<br>Annual<br>Construction<br>Turnover * |  |               |                           |

\* See Section III, Evaluation and Qualification Criteria, Sub-Factor 3.2.

<sup>1</sup>If the most recent set of financial statements is for a period earlier than 12 months from the date of Tender, the reason for this should be justified.

## 5.6 FORM FIN – 3.3:

### Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as specified in Section III, Evaluation and Qualification Criteria

| Financial Resources |                     |                                    |
|---------------------|---------------------|------------------------------------|
| No.                 | Source of financing | Amount (Kenya Shilling equivalent) |
| 1                   |                     |                                    |
| 2                   |                     |                                    |
| 3                   |                     |                                    |
|                     |                     |                                    |

## FORM FIN – 3.4:

### Current Contract Commitments / Works in Progress

Tenderers and each member to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

| Current Contract Commitments |                  |  |  |                           |  |
|------------------------------|------------------|--|--|---------------------------|--|
| No.                          | Name of Contract | Procuring Entity's Contact Address, Tel, | Value of Outstanding Work [Current Kenya Shilling /month Equivalent] | Estimated Completion Date | Average Monthly Invoicing Over Last Six Months [Kenya Shilling /month] |
| 1                            |                  |  |  |                           |  |
| 2                            |                  |  |  |                           |  |
| 3                            |                  |  |  |                           |  |
| 4                            |                  |  |  |                           |  |
| 5                            |                  |  |  |                           |  |
|                              |                  |  |  |                           |  |

**FORM EXP - 4.1**

**General Construction Experience**

Tenderer's Name: \_\_\_\_\_ Date: \_\_\_\_\_ JV Member's Name \_\_\_\_\_  
ITT No. and title: \_\_\_\_\_

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

| Starting Year | Ending Year | Contract Identification   | Role of Tenderer |
|---------------|-------------|---|------------------|
|               |             | Contract name: _____<br>Brief Description of the Works performed by the Tenderer: _____<br>Amount of contract: _____<br>Name of Procuring Entity: _____<br>Address: _____ |                  |
|               |             | Contract name: _____<br>Brief Description of the Works performed by the Tenderer: _____<br>Amount of contract: _____<br>Name of Procuring Entity: _____<br>Address: _____ |                  |
|               |             | Contract name: _____<br>Brief Description of the Works performed by the Tenderer: _____<br>Amount of contract: _____<br>Name of Procuring Entity: _____<br>Address: _____ |                  |

**FORM EXP - 4.2(a)**

**Specific Construction and Contract Management Experience**

Tenderer's Name: \_\_\_\_\_ Date: \_\_\_\_\_ JV Member's Name \_\_\_\_\_ ITT No. \_\_\_\_\_  
 and title: \_\_\_\_\_

|   |   |                                       |  |   |
|---|---|---------------------------------------|--|---|
|   |   |                                       |  |   |
|   |   |                                       |  |   |
|   |   |                                       |  |   |
| Completion date   |   |                                       |  |   |
| Role in Contract  | Prime Contractor <input type="checkbox"/> | Member in JV <input type="checkbox"/> | Management Contractor <input type="checkbox"/> | Sub-contractor <input type="checkbox"/> |
| Total Contract Amount   |   |                                       | <b>Kenya Shilling</b>                          |   |
| If member in a JV or sub-contractor, specify participation in total Contract amount |   |                                       |  |   |
| Procuring Entity's Name:  |   |                                       |  |   |
| Telephone/fax number<br>E-mail:   |   |                                       |  |   |
|   |   |                                       |  |   |
| Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III:  |   |                                       |  |   |
| 1. Amount   |   |                                       |  |   |
| 2. Physical size of required works items  |   |                                       |  |   |
| 3. Complexity   |   |                                       |  |   |
| 4. Methods/Technology   |   |                                       |  |   |
| 5. Construction rate for key activities   |   |                                       |  |   |
| 6. Other Characteristics  |   |                                       |  |   |

**FORMEXP- 4.2(b)**

**Construction Experience in Key Activities**

Tenderer's Name: \_\_\_\_\_ Date: \_\_\_\_\_ Tenderer's JV Member Name: \_\_\_\_\_ Sub-contractor's Name<sup>2</sup> (as per ITT 34): \_\_\_\_\_ ITT No. and title: \_\_\_\_\_

All Sub-contractors for key activities must complete the information in this form as per ITT 34 and Section III, Evaluation and Qualification Criteria, Sub-Factor 4.2.

1. Key Activity No One: -

| Information  |  |  |   |  |
|--|--|--|---|--|
| Contract Identification  |  |  |   |  |
| Award date   |  |  |   |  |
| Completion date  |  |  |   |  |
| Role in Contract   | Prime Contractor<br><input type="checkbox"/> | Member in JV<br><input type="checkbox"/> | Management Contractor<br><input type="checkbox"/> | Sub-contractor<br><input type="checkbox"/> |
| Total Contract Amount  |  |  | Kenya Shilling                                    |  |
| Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year | Total quantity in the contract (i)           | Percentage participation (ii)            |   | Actual Quantity Performed (i) x (ii)       |
| Year 1   |  |  |   |  |
| Year 2   |  |  |   |  |
| Year 3   |  |  |   |  |
| Year 4   |  |  |   |  |
| Procuring Entity's Name:   |  |  |   |  |
| Address:<br>Telephone/fax number<br>E-mail:  |  |  |   |  |
| Description of the key activities in accordance with Sub-Factor 4.2(b) of Section III:                                   |  |  |   |  |
|  |  |  |   |  |
|  |  |  |   |  |
|  |  |  |   |  |
|  |  |  |   |  |
|  |  |  |   |  |

2 Activity No. Two 3. ....

<sup>2</sup>If applicable



## **OTHER FORMS**

### **6 FORM OF TENDER**

#### *INSTRUCTIONS TO TENDERERS*

- i) *The Tenderer must prepare this Form of Tender on stationery with its letterhead clearly showing the Tenderer's complete name and business address.*
- ii) *All italicized text is to help Tenderer in preparing this form.*
- iii) *Tenderer must complete and sign CERTIFICATE OF INDEPENDENT TENDER DETERMINATION and the SELF DECLARATION OF THE TENDERER attached to this Form of Tender.*
- iv) *The Form of Tender shall include the following Forms duly completed and signed by the Tenderer.*
  - *Tenderer's Eligibility- Confidential Business Questionnaire*
  - *Certificate of Independent Tender Determination*
  - *Self-Declaration of the Tenderer*

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

**Request for Tender No.:** *[insert identification]*

**Name and description of Tender** *[Insert as per ITT]*

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

**To:** *[insert complete name of Procuring Entity]* Dear Sirs,

1. In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities for the execution of the above named Works, we, the undersigned offer to construct and complete the Works and remedy any defects therein for the sum of Kenya Shillings *[[Amount in figures]*\_\_\_\_\_ Kenya Shillings *[amount in words]*\_\_\_\_\_.

The above amount includes foreign currency amount (s) of *[state figure or a percentage and currency]* [figures]\_\_\_\_\_ [words]\_\_\_\_\_.

The percentage or amount quoted above does not include provisional sums, and only allows not more than two foreign currencies.

2. We undertake, if our tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Project Manager's notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Special Conditions of Contract.
3. We agree to adhere by this tender until \_\_\_\_\_ *[Insert date]*, and it shall remain binding upon us and may be accepted at any time before that date.
4. Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us. We further understand that you are not bound to accept the lowest or any tender you may receive.
5. We, the undersigned, further declare that:
  - i) *No reservations:* We have examined and have no reservations to the tender document, including Addenda issued in accordance with ITT 28;
  - ii) *Eligibility:* We meet the eligibility requirements and have no conflict of interest in accordance with ITT 3 and 4;
  - iii) *Tender-Securing Declaration:* We have not been suspended nor declared ineligible by the Procuring Entity based on execution of a Tender-Securing or Proposal-Securing Declaration in the Procuring Entity's Country in accordance with ITT 19.8;
  - iv) *Conformity:* We offer to execute in conformity with the tendering documents and in accordance with the implementation and completion specified in the construction schedule, the following Works: *[insert a brief description of the Works]*;

- v) Tender Price: The total price of our Tender, excluding any discounts offered in item 1 above is: *[Insert one of the options below as appropriate]*
- vi) Option 1, in case of one lot: Total price is: *[insert the total price of the Tender in words and figures, indicating the various amounts and the respective currencies];* Or
- Option 2, in case of multiple lots:
- a) Total price of each lot *[insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies];* and
- b) Total price of all lots (sum of all lots) *[insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies];*
- vii) Discounts: The discounts offered and the methodology for their application are:
- viii) The discounts offered are: *[Specify in detail each discount offered.]*
- ix) The exact method of calculations to determine the net price after application of discounts is shown below: *[Specify in detail the method that shall be used to apply the discounts];*
- x) Tender Validity Period: Our Tender shall be valid for the period specified in TDS 18.1 (as amended, if applicable) from the date fixed for the Tender submission deadline specified in TDS 22.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- xi) Performance Security: If our Tender is accepted, we commit to obtain a Performance Security in accordance with the Tendering document;
- xii) One Tender Per Tender: We are not submitting any other Tender(s) as an individual Tender, and we are not participating in any other Tender(s) as a Joint Venture member or as a subcontractor, and meet the requirements of ITT 3.4, other than alternative Tenders submitted in accordance with ITT 13.3;
- xiii) Suspension and Debarment: We, along with any of our subcontractors, suppliers, Project Manager, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Public Procurement Regulatory Authority or any other entity of the Government of Kenya, or any international organization.
- xiv) State-owned enterprise or institution: *[select the appropriate option and delete the other]* *[We are not a state-owned enterprise or institution]* / *[We are a state-owned enterprise or institution but meet the requirements of ITT 3.8];*
- xv) Commissions, gratuities, fees: We have paid, or will pay the following commissions, gratuities, or fees with respect to the tender process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity].*

| Name of Recipient | Address | Reason | Amount |
|-------------------|---------|--------|--------|
|                   |         |        |        |
|                   |         |        |        |
|                   |         |        |        |

*(If none has been paid or is to be paid, indicate "none.")*

- xvi) Binding Contract: We understand that this Tender, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- xvii) Not Bound to Accept: We understand that you are not bound to accept the lowest evaluated cost Tender, the Most Advantageous Tender or any other Tender that you may receive;
- xviii) Fraud and Corruption: We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption;

- xix) **Collusive practices:** We hereby certify and confirm that the tender is genuine, non-collusive and made with the intention of accepting the contract if awarded. To this effect we have signed the “Certificate of Independent Tender Determination” attached below.
- xx) We undertake to adhere by the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal, copy available from \_\_\_\_\_ (*specify website*) during the procurement process and the execution of any resulting contract.
- xxi) We, the Tenderer, have completed fully and signed the following Forms as part of our Tender:
- Tenderer's Eligibility; Confidential Business Questionnaire – to establish we are not in any conflict to interest.
  - Certificate of Independent Tender Determination – to declare that we completed the tender without colluding with other tenderers.
  - Self-Declaration of the Tenderer – to declare that we will, if awarded a contract, not engage in any form of fraud and corruption.
  - Declaration and commitment to the Code of Ethics for Persons Participating in Public Procurement and Asset Disposal

Further, we confirm that we have read and understood the full content and scope of fraud and corruption as informed in “**Appendix 1- Fraud and Corruption**” attached to the Form of Tender.

**Name of the Tenderer:** \*[insert complete name of person signing the Tender]

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

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

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

above] **Date signed** [insert date of signing] day of [insert month], [insert year]

Date signed \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

**Notes**

\* In the case of the Tender submitted by joint venture specify the name of the Joint Venture as Tenderer

\*\* Person signing the Tender shall have the power of attorney given by the Tenderer to be attached with the Tender.

## A. TENDERER'S ELIGIBILITY- CONFIDENTIAL BUSINESS QUESTIONNAIRE

### Instruction to Tenderer

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

#### (a) Tenderer's details

|    | ITEM   | DESCRIPTION  |
|----|--|--|
| 1  | Name of the Procuring Entity   |  |
| 2  | Reference Number of the Tender   |  |
| 3  | Date and Time of Tender Opening  |  |
| 4  | Name of the Tenderer   |  |
| 5  | Full Address and Contact Details of the Tenderer.  | <ol style="list-style-type: none"><li>1. Country</li><li>2. City</li><li>3. Location</li><li>4. Building</li><li>5. Floor</li><li>6. Postal Address</li><li>7. Name and email of contact person.</li></ol> |
| 6  | Current Trade License Registration Number and Expiring date  |  |
| 7  | Name, country and full address ( <i>postal and physical addresses, email, and telephone number</i> ) of Registering Body/Agency  |  |
| 8  | Description of Nature of Business  |  |
| 9  | Maximum value of business which the Tenderer handles.  |  |
| 10 | State if Tenders Company is listed in stock exchange, give name and full address ( <i>postal and physical addresses, email, and telephone number</i> ) of state which stock exchange |  |

**General and Specific Details**

b) **Sole Proprietor**, provide the following details.

Name in full \_\_\_\_\_ Age \_\_\_\_\_ Nationality \_\_\_\_\_  
 \_\_\_\_\_ Country of Origin \_\_\_\_\_ Citizenship \_\_\_\_\_  
 \_\_\_\_\_

c) **Partnership**, provide the following details.

|   | Names of Partners | Nationality | Citizenship | % Shares owned |
|---|-------------------|-------------|-------------|----------------|
| 1 |                   |             |             |                |
| 2 |                   |             |             |                |
| 3 |                   |             |             |                |

d) **Registered Company**, provide the following details.

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

ii) State the nominal and issued capital of the Company \_\_\_\_\_

Nominal Kenya Shillings (Equivalent)..... Issued

Kenya Shillings (Equivalent).....

iii) Give details of Directors as follows.

|   | Names of Director | Nationality | Citizenship | % Shares owned |
|---|-------------------|-------------|-------------|----------------|
| 1 |                   |             |             |                |
| 2 |                   |             |             |                |
| 3 |                   |             |             |                |

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

i) Are there any person/persons in ..... (*Name of Procuring Entity*) who has/have an interest or relationship in this firm? Yes/No.....

If yes, provide details as follows.

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

ii) **Conflict of interest disclosure**

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

**f) Certification**

On behalf of the Tenderer, I certify that the information given above is complete, current and accurate as at the date of submission.

Full Name \_\_\_\_\_ Title or

Designation \_\_\_\_\_

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

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

**B. CERTIFICATE OF INDEPENDENT TENDER DETERMINATION**

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

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

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



8. the terms of the Tender have not been, and will not be, knowingly disclosed by the Tenderer, directly or indirectly, to any competitor, prior to the date and time of the official tender opening, or of the awarding of the Contract, whichever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph (5)(b) above.

Name \_\_\_\_\_ Title\_\_ Date \_\_\_\_\_

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

**C. SELF - DECLARATION FORMS**

**FORM SD1**

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

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

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

..... (Title)  
..... (Signature) ..... (Date)

Bidder Official Stamp

**FORM SD2**

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

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

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

.....  
(Title)

.....  
(Signature)

.....  
(Date)

Bidder's Official Stamp

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

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

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

Name of Authorized signatory..... Sign.....

Position.....

Office address..... Telephone.....

E-mail.....

Name of the Firm/Company.....

Date..... (Company Seal/ Rubber

Stamp where applicable)

Witness

Name ..... Sign.....

Date.....

## D. APPENDIX 1- FRAUD AND CORRUPTION

*(Appendix 1 shall not be modified)*

### 1. Purpose

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

### 3. Requirements

The Government of Kenya requires that all parties including Procuring Entities, Tenderers, (applicants/proposers), Consultants, Contractors and Suppliers; any Sub-contractors, Sub-consultants, Service providers or Suppliers; any Agents (whether declared or not); and any of their Personnel, involved and engaged in procurement under Kenya's Laws and Regulation, observe the highest standard of ethics during the procurement process, selection and contract execution of all contracts, and refrain from Fraud and Corruption and fully comply with Kenya's laws and Regulations as per paragraphs 1.1 above.

Kenya's public procurement and asset disposal act (*no. 33 of 2015*) under Section 66 describes rules to be followed and actions to be taken in dealing with Corrupt, Coercive, Obstructive, Collusive or Fraudulent practices, and Conflicts of Interest in procurement including consequences for offences committed. A few of the provisions noted below highlight Kenya's policy of no tolerance for such practices and behavior: -

- 1) a person to whom this Act applies shall not be involved in any corrupt, coercive, obstructive, collusive or fraudulent practice; or conflicts of interest in any procurement or asset disposal proceeding;
- 2) A person referred to under subsection (1) who contravenes the provisions of that sub-section commits an offence;
- 3) Without limiting the generality of the subsection (1) and (2), the person shall be: -
  - a) disqualified from entering into a contract for a procurement or asset disposal proceeding; or
  - b) if a contract has already been entered into with the person, the contract shall be voidable;
- 4) The voiding of a contract by the procuring entity under subsection (7) does not limit any legal remedy the procuring entity may have;
- 5) An employee or agent of the procuring entity or a member of the Board or committee of the procuring entity who has a conflict of interest with respect to a procurement: -
  - a) shall not take part in the procurement proceedings;
  - b) shall not, after a procurement contract has been entered into, take part in any decision relating to the procurement or contract; and
- c) shall not be a subcontractor for the bidder to whom was awarded contract, or a member of the group of bidders to whom the contract was awarded, but the subcontractor appointed shall meet all the requirements of this Act.
- 6) An employee, agent or member described in subsection (1) who refrains from doing anything prohibited under that subsection, but for that subsection, would have been within his or her duties shall disclose the conflict of interest to the procuring entity;
- 7) If a person contravenes subsection (1) with respect to a conflict of interest described in subsection (5)(a) and the contract is awarded to the person or his relative or to another person in whom one of them had a direct or indirect pecuniary interest, the contract shall be terminated and all costs incurred by the public entity shall be made good by the awarding officer. Etc.

In compliance with Kenya's laws, regulations and policies mentioned above, the Procuring Entity:

- a) Defines broadly, for the purposes of the above provisions, the terms set forth below as follows:
  - i) "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
  - ii) "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;

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

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

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

## 7. FORM OF TENDER SECURITY - DEMAND BANK GUARANTEE

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

Request for Tenders No: \_\_\_\_\_

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

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

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

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

*[signature(s)]*



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

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

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

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

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

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

Principal: \_\_\_\_\_ ~~Company~~ Surety Seal (where appropriate) \_\_\_\_\_  
:

(Signature)

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

(Printed name and title)

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

**TENDER-SECURING DECLARATION FORM**

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

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

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

To:..... *[insert complete name of Purchaser]* I/We, the undersigned, declare that:

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

Signed:..... Capacity / title (director

or partner or sole proprietor, etc.) ..... Name:

..... Duly authorized to sign the bid

for and on behalf of: *[insert complete name of Tenderer]*

Dated on ..... day of ..... *[Insert date of signing]* Seal or stamp

## Appendix to Tender

### Schedule of Currency requirements

Summary of currencies of the Tender for \_\_\_\_\_ *[insert name of Section of the Works]*

| <i>Name of currency</i>                               | <i>Amounts payable</i>                  |
|---|---|
| Local currency: _____                                 |   |
| Foreign currency #1:<br>_____                         |   |
| Foreign currency #2:<br>_____                         |   |
| Foreign currency #3:<br>_____                         |   |
| Provisional sums expressed in local currency<br>_____ | [To be entered by the Procuring Entity] |

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## **PART II - WORK REQUIREMENTS**

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## SECTION V - DRAWINGS

A list of drawings should be inserted here. The actual drawings including Site plans should be annexed in a separate booklet.

## SECTION VI - SPECIFICATIONS

Notes for preparing Specifications

1. Specifications must be drafted to present a clear and precise statement of the required standards of materials, and workmanship for tenderers to respond realistically and competitively to the requirements of the Procuring Entity and ensure responsiveness of tenders. The Specifications should require that all materials, plant, and other supplies to be permanently incorporated in the Works be new, unused, of the most recent or current models, and incorporating all recent improvements in design and materials unless provided otherwise in the Contract. Where the Contractor is responsible for the design of any part of the permanent Works, the extent of his obligations must be stated.
  2. Specifications from previous similar projects are useful and may not be necessary to re-write specifications for every Works Contract.
  3. There are considerable advantages in standardizing **General Specifications** for repetitive Works in recognized public sectors, such as highways, urban housing, irrigation and water supply. The General Specifications should cover all classes of workmanship, materials and equipment commonly involved in constructions, although not necessarily to be used in a particular works contract. Deletions or addenda should then adapt the General Specifications to the particular Works.
  4. Care must be taken in drafting Specifications to ensure they are not restrictive. In the Specifications of standards for materials, plant and workmanship, existing Kenya Standards should be used as much as possible, otherwise recognized international standards may also be used.
  5. The Procuring Entity should decide whether technical solutions to specified parts of the Works are to be permitted. Alternatives are appropriate in cases where obvious (and potentially less costly) alternatives are possible to the technical solutions indicated in tender documents for certain elements of the Works, taking into consideration the comparative specialized advantage of potential tenderers.
  6. The Procuring Entity should provide a description of the selected parts of the Works with appropriate reference to Drawings, Specifications, Bills of Quantities, and Design or Performance criteria, stating that the alternative solutions shall be at least structurally and functionally equivalent to the basic design parameters and Specifications.
1. Such alternative solutions shall be accompanied by all information necessary for a complete evaluation by the Procuring Entity, including drawings, design calculations, technical specifications, breakdown of prices, proposed construction methodology, and other relevant details. Technical alternatives permitted in this manner shall be considered by the Procuring Entity each on its own merits and independently of whether the tenderer has priced the item as described in the Procuring Entity's design included with the tender documents.

## **SECTION VII- BILLS OF QUANTITIES**

### **1. Objectives**

The objectives of the Bill of Quantities are:

- a) to provide sufficient information on the quantities of Works to be performed to enable tenders to be prepared efficiently and accurately; and
- b) when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and contents of the Bill of Quantities should be as simple and brief as possible.

### **2. Day work Schedule**

A Day work Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Procuring Entity of the realism of rates quoted by the Tenderers, the Day work Schedule should normally comprise the following:

- a) A list of the various classes of labor, materials, and Constructional Plant for which basic day work rates or prices are to be inserted by the Tenderer, together with a statement of the conditions under which the Contractor shall be paid for work executed on a day work basis.
- b) Nominal quantities for each item of day work, to be priced by each Tenderer at day work rates as Tender. The rate to be entered by the Tenderer against each basic day work item should include the Contractor's profit, overheads, supervision, and other charges.

### **3. Provisional Sums**

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary priced Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the Special Conditions of Contract should state the manner in which they shall be used, and under whose authority (usually the Project Manager's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Tenderers in respect of any facilities, amenities, attendance, etc., to be provided by the successful Tenderer as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Tenderer to quote a sum for such amenities, facilities, attendance, etc.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the tendering document. They should not be included in the final tendering document.

### **4. The Bills of Quantities**

The Bills of Quantities should be divided generally into the following sections:

- a) Preambles
- b) Preliminary items
- c) Work Items
- c) Daywork Schedule;and
- d) Provisional items
- e) Summary.

### **5. The Summary to the Bills of Quantities will take this form or some other form but including these items.**

| <b>SUMMARY ITEMS</b>  | <i>Page</i> | <i>Amount</i> |
|---|-------------|---------------|
| Bill No. 1: Preliminary Items                               |             |               |
| Bill No. 2: Work Items                                      |             |               |
| Bill No 3: Day work Summary                                 |             |               |
| Bill No 4: Provisional Sums                                 |             |               |
| Subtotal of Bills No 1-4                                    |             |               |
| Allow for any Discounts;                                    |             |               |
| <b>TOTAL TENDER PRICE</b> Carried forward to Form of Tender |             |               |



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**PART III - CONDITIONS OF CONTRACT  
AND CONTRACT FORMS**

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## SECTION VIII - GENERAL CONDITIONS OF CONTRACT

These General Conditions of Contract (GCC), read in conjunction with the Special Conditions of Contract (SCC) and other documents listed therein, should be a complete document expressing fairly the rights and obligations of both parties.

These General Conditions of Contract have been developed on the basis of considerable international experience in the drafting and management of contracts, bearing in mind a trend in the construction industry towards simpler, more straightforward language.

The GCC can be used for both smaller admeasurement contracts and lump sum contracts.

### General Conditions of Contract

#### A. General

##### 1. Definitions

Boldface type is used to identify defined terms.

- a) **The Accepted Contract Amount** means the amount accepted in the Letter of Acceptance for the execution and completion of the Works and the remedying of any defects.
- b) **The Activity Schedule** is a schedule of the activities comprising the construction, installation, testing, and commissioning of the Works in a lump sum contract. It includes a lump sum price for each activity, which is used for valuations and for assessing the effects of Variations and Compensation Events.
- c) **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 GCC 23.
- d) **Bill of Quantities** means the priced and completed Bill of Quantities forming part of the Bid.
- e) **Compensation Events** are those defined in GCC Clause 7 hereunder page 72
- f) **The Completion Date** is the date of completion of the Works as certified by the Project Manager, in accordance with GCC Sub-Clause 53.1.
- g) **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 GCC Sub-Clause 2.3 below.
- h) **The Contractor** is the party whose Bid to carry out the Works has been accepted by the Procuring Entity.
- i) **The Contractor's Bid** is the completed bidding document submitted by the Contractor to the Procuring Entity.
- j) **The Contract Price** is the Accepted Contract Amount stated in the Letter of Acceptance and thereafter as adjusted in accordance with the Contract.
- k) **Days** are calendar days; months are calendar months.
- l) **Day works** 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.
- m) **A Defect** is any part of the Works not completed in accordance with the Contract.
- n) **The Defects Liability Certificate** is the certificate issued by Project Manager upon correction of defects by the Contractor.
- o) **The Defects Liability Period** is the period **named in the SCC** pursuant to Sub-Clause 34.1 and calculated from the Completion Date.
- p) **Drawings** means the drawings of the Works, as included in the Contract, and any additional and modified drawings issued by (or on behalf of) the Procuring Entity in accordance with the Contract, include calculations and other information provided or approved by the Project Manager for the execution of the Contract.
- q) **The Procuring Entity** is the party who employs the Contractor to carry out the Works, **as specified in the SCC**, who is also the Procuring Entity.
- r) **Equipment** is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

- s) **“In writing” or “written”** means hand-written, type-written, printed or electronically made, and resulting in a permanent record;
- t) The Initial Contract Price is the Contract Price listed in the Procuring Entity's Letter of Acceptance.
- u) **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 SCC**. The Intended Completion Date may be revised only by the Project Manager by issuing an extension of time or an acceleration order.
- v) **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- w) **Plant** is any integral part of the Works that shall have a mechanical, electrical, chemical, or biological function.
- x) **The Project Manager** is the person **named in the SCC** (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.
- y) **SCC** means Special Conditions of Contract.
- z) **The Site** is the area of the works as **defined as such in the SCC**.
  - aa) **Site Investigation Reports** are those that were included in the bidding document and are factual and interpretative reports about the surface and subsurface conditions at the Site.
  - bb) **Specification** means the Specification of the Works included in the Contract and any modification or addition made or approved by the Project Manager.
  - cc) **The Start Date** is **given in the SCC**. 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.
- dd) **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.
- ee) **Temporary Works** are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.
- ff) **A Variation** is an instruction given by the Project Manager which varies the Works.
- gg) **The Works** are what the Contract requires the Contractor to construct, install, and turn over to the Procuring Entity, **as defined in the SCC**.

## 2. Interpretation

In interpreting these GCC, words indicating one gender include all genders. Words indicating the singular also include the plural and words indicating the plural also include the singular. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Project Manager shall provide instructions clarifying queries about these GCC.

If sectional completion is **specified in the SCC**, references in the GCC 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).

The documents forming the Contract shall be interpreted in the following order of priority:

- a) Agreement,
- b) Letter of Acceptance,
- c) Contractor's Bid,
- d) Special Conditions of Contract,
- e) General Conditions of Contract, including Appendices,
- f) Specifications,
- g) Drawings,
- h) Bill of Quantities<sup>6</sup>, and
- i) any other document **listed in the SCC** as forming part of the Contract.

<sup>6</sup>In lump sum contracts, delete “Bill of Quantities” and replace with “Activity Schedule.”

### 3. Language and Law

The language of the Contract is English Language and the law governing the Contract are the Laws of Kenya.

Throughout the execution of the Contract, the Contractor shall comply with the import of goods and services prohibitions in the Procuring Entity's Country when

- a) as a matter of law or official regulations, Kenya prohibits commercial relations with that country; or
- b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, Kenya prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

### 4. Project Manager's Decisions

Except where otherwise specifically stated, the Project Manager shall decide contractual matters between the Procuring Entity and the Contractor in the role representing the Procuring Entity.

### 5. Delegation

Otherwise **specified in the SCC**, the Project Manager may delegate any of his duties and responsibilities to other people, except to the Adjudicator, after notifying the Contractor, and may revoke any delegation after notifying the Contractor.

### 6. Communications

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.

### 7. Subcontracting

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.

### 8. Other Contractors

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 SCC**. 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.

### 9. Personnel and Equipment

The Contractor shall employ the key personnel and use the equipment identified in its Bid, to carry out the Works or other personnel and equipment approved by the Project Manager. The Project Manager shall approve any proposed replacement of key personnel and equipment only if their relevant qualifications or characteristics are substantially equal to or better than those proposed in the Bid.

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.

If the Procuring Entity, Project Manager or Contractor determines, that any employee of the Contractor be determined to have engaged in Fraud and Corruption during the execution of the Works, then that employee shall be removed in accordance with Clause 9.2 above.

### 10. Procuring Entity's and Contractor's Risks

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.

## 11. Procuring Entity's Risks

From the Start Date until the Defects Liability 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.

From the Completion Date until the Defects Liability Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is a 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 a Procuring Entity's risk, or
- c) the activities of the Contractor on the Site after the Completion Date.

## 12. Contractor's Risks

From the Starting Date until the Defects Liability 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.

## 13. Insurance

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 SCC** 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.

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.

If the Contractor does not provide any of the policies and certificates required, the Procuring Entity may effect 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.

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

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

## 14. Site Data

The Contractor shall be deemed to have examined any Site Data **referred to in the SCC**, supplemented by any information available to the Contractor.

## 15. Contractor to Construct the Works

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

## **16. The Works to Be Completed by the Intended Completion Date**

The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date.

## **17. Approval by the Project Manager**

The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, for his approval.

The Contractor shall be responsible for design of Temporary Works.

The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.

The Contractor shall obtain approval of third parties to the design of the Temporary Works, where required.

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 this use.

## **18. Safety**

The Contractor shall be responsible for the safety of all activities on the Site.

## **19. Discoveries**

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.

## **20. Possession of the Site**

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 SCC**, the Procuring Entity shall be deemed to have delayed the start of the relevant activities, and this shall be a Compensation Event.

## **21. Access to the Site**

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.

## **22. Instructions, Inspections and Audits**

The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located.

The Contractor shall keep, and shall make all reasonable efforts to cause its Subcontractors and sub-consultants to keep, accurate and systematic accounts and records in respect of the Works in such form and details as will clearly identify relevant time changes and costs.

The Contractor shall permit and shall cause its subcontractors and sub-consultants to permit, the Procuring Entity and/or persons appointed by the Public Procurement Regulatory Authority to inspect the Site and/or the accounts and records relating to the procurement process, selection and/or contract execution, and to have such accounts and records audited by auditors appointed by the Public Procurement Regulatory Authority. The Contractor's and its Subcontractors' and sub-consultants' attention is drawn to Sub-Clause 25.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Public Procurement Regulatory Authority's inspection and audit rights constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to the Public Procurement Regulatory Authority's prevailing sanctions procedures).

## 23. Appointment of the Adjudicator

The Adjudicator shall be appointed jointly by the Procuring Entity and the Contractor, at the time of the Procuring Entity's issuance of the Letter of Acceptance. If, in the Letter of Acceptance, the Procuring Entity does not agree on the appointment of the Adjudicator, the Procuring Entity will request the Appointing Authority **designated in the SCC**, to appoint the Adjudicator within 14 days of receipt of such request.

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 shall 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 SCC** at the request of either party, within 14 days of receipt of such request.

## 24. Settlement of Claims and Disputes

### Contractor's Claims

If the Contractor considers itself to be entitled to any extension of the Time for Completion and/or any additional payment, under any Clause of these Conditions or otherwise in connection with the Contract, the Contractor shall give Notice to the Project Manager, describing the event or circumstance giving rise to the claim. The notice shall be given as soon as practicable, and not later than 30 days after the Contractor became aware, or should have become aware, of the event or circumstance.

If the Contractor fails to give notice of a claim within such period of 30 days, the Time for Completion shall not be extended, the Contractor shall not be entitled to additional payment, and the Procuring Entity shall be discharged from all liability in connection with the claim. Otherwise, the following provisions of this Sub- Clause shall apply.

The Contractor shall also submit any other notices which are required by the Contract, and supporting particulars for the claim, all as relevant to such event or circumstance.

The Contractor shall keep such contemporary records as may be necessary to substantiate any claim, either on the Site or at another location acceptable to the Project Manager. Without admitting the Procuring Entity's liability, the Project Manager may, after receiving any notice under this Sub-Clause, monitor the record- keeping and/or instruct the Contractor to keep further contemporary records. The Contractor shall permit the Project Manager to inspect all these records, and shall (if instructed) submit copies to the Project Manager.

Within 42 days after the Contractor became aware (or should have become aware) of the event or circumstance giving rise to the claim, or within such other period as may be proposed by the Contractor and approved by the Project Manager, the Contractor shall send to the Project Manager a fully detailed claim which includes full supporting particulars of the basis of the claim and of the extension of time and/or additional payment claimed. If the event or circumstance giving rise to the claim has a continuing effect:

- a) this fully detailed claim shall be considered as interim;
- b) the Contractor shall send further interim claims at monthly intervals, giving the accumulated delay and/or amount claimed, and such further particulars as the Project Manager may reasonably require; and
- c) the Contractor shall send a final claim within 30 days after the end of the effects resulting from the event or circumstance, or within such other period as may be proposed by the Contractor and approved by the Project Manager.

Within 42 days after receiving a Notice of a claim or any further particulars supporting a previous claim, or within such other period as may be proposed by the Project Manager and approved by the Contractor, the Project Manager shall respond with approval, or with disapproval and detailed comments. He may also request any necessary further particulars, but shall nevertheless give his response on the principles of the claim within the above defined time period.

Within the above defined period of 42 days, the Project Manager shall proceed in accordance with Sub-Clause 3.5 [Determinations] to agree or determine (i) the extension (if any) of the Time for Completion (before or after its expiry) in accordance with Sub-Clause 8.4 [Extension of Time for Completion], and/or (ii) the additional payment (if any) to which the Contractor is entitled under the Contract.



Each Payment Certificate shall include such additional payment for any claim as has been reasonably substantiated as due under the relevant provision of the Contract. Unless and until the particulars supplied are sufficient to substantiate the whole of the claim, the Contractor shall only be entitled to payment for such part of the claim as he has been able to substantiate.

If the Project Manager does not respond within the timeframe defined in this Clause, either Party may consider that the claim is rejected by the Project Manager and any of the Parties may refer to Arbitration in accordance with Sub-Clause 24.4 [Arbitration].

The requirements of this Sub-Clause are in addition to those of any other Sub-Clause which may apply to a claim. If the Contractor fails to comply with this or another Sub-Clause in relation to any claim, any extension of time and/or additional payment shall take account of the extent (if any) to which the failure has prevented or prejudiced proper investigation of the claim, unless the claim is excluded under the second paragraph of this Sub-Clause 24.3.

### **Amicable Settlement**

Where a notice of a claim has been given, both Parties shall attempt to settle the dispute amicably before the commencement of arbitration. However, unless both Parties agree otherwise, the Party giving a notice of a claim in accordance with Sub-Clause 24.1 above should move to commence arbitration after the fifty-sixth day from the day on which a notice of a claim was given, even if no attempt at an amicable settlement has been made.

### **Matters that may be referred to arbitration**

Notwithstanding anything stated herein the following matters may be referred to arbitration before the practical completion of the Works or abandonment of the Works or termination of the Contract by either party:

- a) The appointment of a replacement Project Manager upon the said person ceasing to act.
- b) Whether or not the issue of an instruction by the Project Manager is empowered by these Conditions.
- c) Whether or not a certificate has been improperly withheld or is not in accordance with these Conditions.
- e) Any dispute arising in respect of war risks or war damage.
- f) All other matters shall only be referred to arbitration after the completion or alleged completion of the Works or termination or alleged termination of the Contract, unless the Procuring Entity and the Contractor agree otherwise in writing.

### **Arbitration**

Any claim or dispute between the Parties arising out of or in connection with the Contract not settled amicably in accordance with Sub-Clause 24.3 shall be finally settled by arbitration.

No arbitration proceedings shall be commenced on any claim or dispute where notice of a claim or dispute has not been given by the applying party within ninety days of the occurrence or discovery of the matter or issue giving rise to the dispute.

Notwithstanding the issue of a notice as stated above, the arbitration of such a claim or dispute shall not commence unless an attempt has in the first instance been made by the parties to settle such claim or dispute amicably with or without the assistance of third parties. Proof of such attempt shall be required.

The Arbitrator shall, without prejudice to the generality of his powers, have powers to direct such measurements, computations, tests or valuations as may in his opinion be desirable in order to determine the rights of the parties and assess and award any sums which ought to have been the subject of or included in any certificate.

The Arbitrator shall, without prejudice to the generality of his powers, have powers to open up, review and revise any certificate, opinion, decision, requirement or notice and to determine all matters in dispute which shall be submitted to him in the same manner as if no such certificate, opinion, decision requirement or notice had been given.

The arbitrators shall have full power to open up, review and revise any certificate, determination, instruction, opinion or valuation of the Project Manager, relevant to the dispute. Nothing shall disqualify representatives

of the Parties and the Project Manager from being called as a witness and giving evidence before the arbitrators on any matter whatsoever relevant to the dispute.

Neither Party shall be limited in the proceedings before the arbitrators to the evidence, or to the reasons for dissatisfaction given in its Notice of Dissatisfaction.

Arbitration may be commenced prior to or after completion of the Works. The obligations of the Parties, and the Project Manager shall not be altered by reason of any arbitration being conducted during the progress of the Works.

24.4.8 The terms of the remuneration of each or all the members of Arbitration shall be mutually agreed upon by the Parties when agreeing the terms of appointment. Each Party shall be responsible for paying one-half of this remuneration.

#### **Arbitration with National Contractors**

If the Contract is with national contractors, arbitration proceedings will be conducted in accordance with the Arbitration Laws of Kenya. In case of any claim or dispute, such claim or dispute shall be notified in writing by either party to the other with a request to submit it to arbitration and to concur in the appointment of an Arbitrator within thirty days of the notice. The dispute shall be referred to the arbitration and final decision of a person to be agreed between the parties. Failing agreement to concur in the appointment of an Arbitrator, the Arbitrator shall be appointed, on the request of the applying party, by the Chairman or Vice Chairman of any of the following professional institutions;

- i) Architectural Association of Kenya
- ii) Institute of Quantity Surveyors of Kenya
- iii) Association of Consulting Engineers of Kenya
- iv) Chartered Institute of Arbitrators (Kenya Branch)
- v) Institution of Engineers of Kenya

The institution written to first by the aggrieved party shall take precedence over all other institutions.

#### **Alternative Arbitration Proceedings**

Alternatively, the Parties may refer the matter to the Nairobi Centre for International Arbitration (NCIA) which offers a neutral venue for the conduct of national and international arbitration with commitment to providing institutional support to the arbitral process.

#### **Failure to Comply with Arbitrator's Decision**

The award of such Arbitrator shall be final and binding upon the parties.

In the event that a Party fails to comply with a final and binding Arbitrator's decision, then the other Party may, without prejudice to any other rights it may have, refer the matter to a competent court of law.

#### **Contract operations to continue**

Notwithstanding any reference to arbitration herein,

- a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and
- b) the Procuring Entity shall pay the Contractor any monies due the Contractor.

### **25. Fraud and Corruption**

The Government requires compliance with the country's Anti-Corruption laws and its prevailing sanctions policies and procedures as set forth in the Constitution of Kenya and its Statutes.

The Procuring Entity requires the Contractor to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the bidding process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee.

## **B. Time Control**

### **1. Program**

Within the time **stated in the SCC**, after the date of the Letter of Acceptance, the Contractor shall submit to the Project Manager for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works. In the case of a lump sum contract, the activities in the Program shall be consistent with those in the Activity Schedule.

An update of the Program shall be a program 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.

The Contractor shall submit to the Project Manager for approval an updated Program at intervals no longer than the period **stated in the SCC**. If the Contractor does not submit an updated Program within this period, the Project Manager may withhold the amount **stated in the SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program has been submitted. In the case of a lump sum contract, the Contractor shall provide an updated Activity Schedule within 14 days of being instructed to by the Project Manager.

The Project Manager's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Project Manager again at any time. A revised Program shall show the effect of Variations and Compensation Events.

### **2. Extension of the Intended Completion Date**

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.

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.

### **3. Acceleration**

When the Procuring Entity wants the Contractor to finish before the Intended Completion Date, the Project Manager shall obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Procuring Entity accepts these proposals, the Intended Completion Date shall be adjusted accordingly and confirmed by both the Procuring Entity and the Contractor.

If the Contractor's priced proposals for an acceleration are accepted by the Procuring Entity, they are incorporated in the Contract Price and treated as a Variation.

### **4. Delays Ordered by the Project Manager**

The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.

### **5. Management Meetings**

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.

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.

## 6. Early Warning

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.

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

### 1. Identifying Defects

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.

### 2. Tests

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.

### 3. Correction of Defects

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 SCC**. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

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.

### 4. Uncorrected Defects

If the Contractor has not corrected a Defect within the time specified in the Project Manager's notice, the Project Manager shall assess the cost of having the Defect corrected, and the Contractor shall pay this amount.

## D. Cost Control

### 1. Contract Price<sup>7</sup>

The Bill of Quantities shall contain priced items for the Works to be performed by the Contractor. The Bill of Quantities is used to calculate the Contract Price. The Contractor will be paid for the quantity of the work accomplished at the rate in the Bill of Quantities for each item.

## 2. Changes in the Contract Price<sup>8</sup>

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. 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.

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.

## 3. Variations

All Variations shall be included in updated Programs<sup>9</sup> produced by the Contractor.

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 (7) days of the request or within any longer period stated by the Project Manager and before the Variation is ordered.

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.

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.

The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.

If the work in the Variation corresponds to an item description in the Bill of Quantities and if, in the opinion of the Project Manager, the quantity of work above the limit stated in Sub-Clause 39.1 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<sup>10</sup>.

Value Engineering: The Contractor may prepare, at its own cost, a value engineering proposal at any time during the performance of the contract. The value engineering proposal shall, at a minimum, include the following;

- a) the proposed change(s), and a description of the difference to the existing contract requirements;
- b) a full cost/benefit analysis of the proposed change(s) including a description and estimate of costs (including life cycle costs) the Procuring Entity may incur in implementing the value engineering proposal; and
- c) a description of any effect(s) of the change on performance/functionality.

The Procuring Entity may accept the value engineering proposal if the proposal demonstrates benefits that:

- a) accelerate the contract completion period; or
- b) reduce the Contract Price or the life cycle costs to the Procuring Entity; or
- c) improve the quality, efficiency, safety or sustainability of the Facilities; or
- d) yield any other benefits to the Procuring Entity, without compromising the functionality of the Works.

<sup>7</sup>In lump sum contracts, replace GCC Sub-Clauses 36.1 as follows:

36.1 The Contractor shall provide updated Activity Schedules within 14 days of being instructed to by the Project Manager. The Activity Schedule shall contain the priced activities for the Works to be performed by the Contractor. The Activity Schedule is used to monitor and control the performance of activities on which basis the Contractor will be paid. If payment for materials on site shall be made separately, the Contractor shall show delivery of Materials to the Site separately on the Activity Schedule.

<sup>8</sup>In lump sum contracts, replace entire GCC Clause 37 with new GCC Sub-Clause 37.1, as follows:

The Activity Schedule shall be amended by the Contractor to accommodate changes of Program or method of working made at the Contractor's own discretion. Prices in the Activity Schedule shall not be altered when the Contractor makes such changes to the Activity Schedule.

<sup>9</sup>In lump sum contracts, add "and Activity Schedules" after "Programs." <sup>10</sup>In lump sum contracts, delete this paragraph.

If the value engineering proposal is approved by the Procuring Entity and results in:

- a) a reduction of the Contract Price; the amount to be paid to the Contractor shall be the **percentage specified in the SCC** of the reduction in the Contract Price; or
- b) an increase in the Contract Price; but results in a reduction in life cycle costs due to any benefit described in (a) to (d) above, the amount to be paid to the Contractor shall be the full increase in the Contract Price.

#### 4 Cash Flow Forecasts

When the Program<sup>11</sup>, 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.

#### 5 Payment Certificates

The Contractor shall submit to the Project Manager monthly statements of the estimated value of the work executed less the cumulative amount certified previously.

The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.

The value of work executed shall be determined by the Project Manager.

The value of work executed shall comprise the value of the quantities of work in the Bill of Quantities that have been completed<sup>12</sup>.

The value of work executed shall include the valuation of Variations and Compensation Events.

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.

Where the contract price is different from the corrected tender price, in order to ensure the contractor is not paid less or more relative to the contract price (*which would be the tender price*), payment valuation certificates and variation orders on omissions and additions valued based on rates in the Bill of Quantities or schedule of rates in the Tender, will be adjusted by a plus or minus percentage. The percentage already worked out during tender evaluation is worked out as follows:  $(\text{corrected tender price} - \text{tender price}) / \text{tender price} \times 100$ .

#### 6 Payments

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 30 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.

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.

Unless otherwise stated, all payments and deductions shall be paid or charged in the proportions of currencies comprising the Contract Price.

Items of the Works for which no rate or price has been entered in shall not be paid for by the Procuring Entity and shall be deemed covered by other rates and prices in the Contract.

<sup>11</sup>In lump sum contracts, add "or Activity Schedule" after "Program."

<sup>12</sup>In lump sum contracts, replace this paragraph with the following: "The value of work executed shall comprise the value of completed activities in the Activity Schedule."



## 7. Compensation Events

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 pursuant to GCC Sub-Clause 20.1.
- 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 bidders (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.

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.

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 shall assume that the Contractor shall react competently and promptly to the event.

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.

## 8. Tax

The Project Manager shall adjust the Contract Price if taxes, duties, and other levies are changed between the date 30 days before the submission of bids 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 GCC Clause 44.

## 9. Currency of Payment

All payments under the contract shall be made in Kenya Shillings

## 10. Price Adjustment

Prices shall be adjusted for fluctuations in the cost of inputs only if **provided for in the SCC**. If so provided, the amounts certified in each payment certificate, before deducting for Advance Payment, shall be adjusted by

applying the respective price adjustment factor to the payment amounts due in each currency. A separate formula of the type specified below applies:

$$P = A + B \text{ Im/Io}$$

where:

the Contract Price payable.

P is the adjustment factor for the portion of

A and B are coefficients<sup>13</sup> **specified in the SCC**, representing the non-adjustable and adjustable portions, respectively, of the Contract Price payable and Im is the index prevailing at the end of the month being invoiced and IO is the index prevailing 30 days before Bid opening for inputs payable.

If the value of the index is changed after it has been used in a calculation, the calculation shall be corrected and an adjustment made in the next payment certificate. The index value shall be deemed to take account of all changes in cost due to fluctuations in costs.

## 11. Retention

The Procuring Entity shall retain from each payment due to the Contractor the proportion **stated in the SCC** until Completion of the whole of the Works.

Upon the issue of a Certificate of Completion of the Works by the Project Manager, in accordance with GCC 53.1, half the total amount retained shall be repaid to the Contractor and 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. The Contractor may substitute retention money with an “on demand” Bank guarantee.

## 12. Liquidated Damages

The Contractor shall pay liquidated damages to the Procuring Entity at the rate per day **stated in the SCC** 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 SCC**. The Procuring Entity may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.

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 GCC Sub-Clause 41.1.

## 13. Bonus

The Contractor shall be paid a Bonus calculated at the rate per calendar day **stated in the SCC** 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.

## 14. Advance Payment

The Procuring Entity shall make advance payment to the Contractor of the amounts **stated in the SCC** by the date **stated in the SCC**, 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 shall not be charged on the advance payment.

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.

<sup>13</sup>The sum of the two coefficients A and B should be 1 (one) in the formula for each currency. Normally, both coefficients shall be the same in the formulae for all currencies, since coefficient A, for the non-adjustable portion of the payments, is a very approximate figure (usually 0.15) to take account of fixed cost elements or other non-adjustable components. The sum of the adjustments for each currency are added to the Contract Price.



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.

## 15. Securities

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 **specified in the SCC**, 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 day 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.

## 16. Dayworks

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

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.

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

## 17. Cost of Repairs

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

### 1. Completion

The Contractor shall request the Project Manager to issue a Certificate of Completion of the Works, and the Project Manager shall do so upon deciding that the whole of the Works is completed.

### 2. Taking Over

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

### 3. Final Account

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.

### 4. Operating and Maintenance Manuals

If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates **stated in the SCC**.

If the Contractor does not supply the Drawings and/or manuals by the dates **stated in the SCC** pursuant to GCC Sub-Clause 56.1, or they do not receive the Project Manager's approval, the Project Manager shall withhold the amount **stated in the SCC** from payments due to the Contractor.

## 5. Termination

The Procuring Entity or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.

Fundamental breaches of Contract shall include, but shall not be limited to, the following:

- a) the Contractor stops work for 30 days when no stoppage of work is shown on the current Program 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 30 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;
- 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 SCC**; or
- h) if the Contractor, in the judgment of the Procuring Entity has engaged in Fraud and Corruption, as defined in paragraph 2.2 a of the Appendix A to the GCC, in competing for or in executing the Contract, then the Procuring Entity may, after giving fourteen (14) days written notice to the Contractor, terminate the Contract and expel him from the Site.

Notwithstanding the above, the Procuring Entity may terminate the Contract for convenience.

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.

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 GCC Sub-Clause 56.2 above, the Project Manager shall decide whether the breach is fundamental or not.

## 6. Payment upon Termination

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 **specified in the SCC**. 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.

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.

## 7. Property

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.

## 8. Release from Performance

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.

## SECTION IX - SPECIAL CONDITIONS OF CONTRACT

Except where otherwise specified, all Special Conditions of Contract should be filled in by the Procuring Entity prior to issuance of the bidding document. Schedules and reports to be provided by the Procuring Entity should be annexed.

| <b>A. General</b>   |   |
|---------------------|---|
| <b>GCC 1.1 (r)</b>  | The Procuring Entity is <i>[insert name, address, and name of authorized representative]</i> .  |
| <b>GCC 1.1 (v)</b>  | The Intended Completion Date for the whole of the Works shall be <i>[insert date]</i><br><i>[If different dates are specified for completion of the Works by section ("sectional completion" or milestones), these dates should be listed here]</i>   |
| <b>GCC 1.1 (y)</b>  | The Project Manager is <i>[insert name, address, and name of authorized representative]</i> .   |
| <b>GCC 1.1 (aa)</b> | The Site is located at <i>[insert address of Site]</i> and is defined in drawings No. <i>[insert numbers]</i>   |
| <b>GCC 1.1 (dd)</b> | The Start Date shall be <i>[insert date]</i> .  |
| <b>GCC 1.1 (hh)</b> | The Works consist of <i>[insert brief summary, including relationship to other contracts under the Project]</i> .   |
| <b>GCC 2.2</b>      | Sectional Completions are: <i>[insert nature and dates, if appropriate]</i>   |
| <b>GCC 5.1</b>      | The Project manager <i>[may or maynot]</i> delegate any of his duties and responsibilities.   |
| <b>GCC 8.1</b>      | Schedule of other contractors: <i>[insert Schedule of Other Contractors, if appropriate]</i>  |
| <b>GCC 9.1</b>      | <p><b>Key Personnel</b></p> <p>GCC 9.1 is replaced with the following:</p> <p>9.1 Key Personnel are the Contractor's personnel named in this GCC 9.1 of the Special Conditions of Contract. The Contractor shall employ the Key Personnel and use the equipment identified in its Bid, to carry out the Works or other personnel and equipment approved by the Project Manager. The Project Manager shall approve any proposed replacement of Key Personnel and equipment only if their relevant qualifications or characteristics are substantially equal to or better than those proposed in the Bid.</p> <p><i>[insert the name/s of each Key Personnel agreed by the Procuring Entity prior to Contract signature.]</i></p> |
| <b>GCC 13.1</b>     | <p>The minimum insurance amounts and deductibles shall be:</p> <p>(a) for loss or damage to the Works, Plant and Materials: <i>[insert amounts]</i>.</p> <p>(b) For loss or damage to Equipment: <i>[insert amounts]</i>.</p> <p>(c)</p> <p>for loss or damage to property (except the Works, Plant, Materials, and Equipment) in connection with Contract <i>[insert amounts]</i>.</p> <p>(d) for personal injury or death:</p> <p>(i) of the Contractor's employees: <i>[amount]</i>.</p> <p>(ii) of other people: <i>[amount]</i>.</p>   |

|                                |  |
|--------------------------------|--|
| <b>GCC 14.1</b>                | Site Data are: <i>[list Site Data]</i>   |
| <b>GCC 20.1</b>                | The Site Possession Date(s) shall be: <i>[insert location(s) and date(s)]</i>  |
| <b>GCC 23.1 &amp; GCC 23.2</b> | Appointing Authority for the Adjudicator: <i>[insert name of Authority]</i> .  |
| <b>GCC 24.3</b>                | Hourly rate and types of reimbursable expenses to be paid to the Adjudicator:<br><i>[insert hourly fees and reimbursable expenses]</i> . |

#### **I B. Time Control**

|                 |   |
|-----------------|---|
| <b>GCC 26.1</b> | The Contractor shall submit for approval a Program for the Works within <i>[number]</i> days from the date of the Letter of Acceptance.                               |
| <b>GCC 26.3</b> | The period between Program updates is <i>[insert number]</i> days.<br>The amount to be withheld for late submission of an updated Program is <i>[insert amount]</i> . |

#### **I C. Quality Control**

|                 |  |
|-----------------|--|
| <b>GCC 34.1</b> | The Defects Liability Period is: <i>[insert number]</i> days.<br><i>[The Defects Liability Period is usually limited to 12 months, but could be less in very simple cases]</i> |
|-----------------|--|

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

|                 |  |
|-----------------|--|
| <b>GCC 38.7</b> | If the value engineering proposal is approved by the Procuring Entity the amount to be paid to the Contractor shall be <i>_%</i> <i>(insert appropriate percentage. The percentage is normally up to 50%)</i> of the reduction in the Contract Price.  |
| <b>GCC 44.1</b> | The currency of the Procuring Entity's Country is: <i>[insert name of currency of the Procuring Entity's Country]</i> .  |
| <b>GCC 45.1</b> | The Contract <i>[insert "is" or "is not"]</i> subject to price adjustment in accordance with GCC Clause 45, and the following information regarding coefficients <i>[specify "does" or "does not"]</i> apply.<br><i>[Price adjustment is mandatory for contracts which provide for time of completion exceeding 18 months]</i><br>The coefficients for adjustment of prices are:<br>(a) <i>[insert percentage]</i> percent nonadjustable element (coefficient A).(ib) <i>[insert percentage]</i> percent adjustable element (coefficient B).<br>(c) The Index I for shall be <i>[insert index]</i> . |
| <b>GCC 46.1</b> | The proportion of payments retained is: <i>[insert percentage]</i><br><i>[The retention amount is usually close to 5 percent and in no case exceeds 10 percent.]</i>   |

**GCC  
47.1**

The liquidated damages for the whole of the Works are *[insert percentage of the final Contract Price]* per day. The maximum amount of liquidated damages for the whole of the Works is *[insert percentage]* of the final Contract Price.

*[Usually liquidated damages are set between 0.05 percent and 0.10 percent per day, and the total amount is not to exceed between 5 percent and 10 percent of the Contract Price .If Sectional Completion and Damages per Section have been agreed, the latter should be specified here]*



|                     |   |
|---------------------|---|
| <b>GCC<br/>48.1</b> | <p>The Bonus for the whole of the Works is <i>[insert percentage of final Contract Price]</i> per day. The maximum amount of Bonus for the whole of the Works is <i>[insert percentage]</i> of the final Contract Price.</p> <p><i>[If early completion would provide benefits to the Procuring Entity, this clause should remain; otherwise delete. The Bonus is usually numerically equal to the liquidated damages.]</i></p>   |
| <b>GCC<br/>49.1</b> | <p>The Advance Payments shall be: <i>[insert amount(s)]</i> and shall be paid to the Contractor no later than <i>[insert date(s)]</i>.</p>  |
| <b>GCC<br/>50.1</b> | <p>The Performance Security amount is <i>[insert amount(s) denominated in the types and proportions of the currencies in which the Contract Price is payable, or in a freely convertible currency acceptable to the Procuring Entity]</i></p> <p>(a) Performance Security - Bank Guarantee: in the amount(s) of <i>[insert related figure(s)]</i> percent of the Accepted Contract Amount and in the same currency(ies) of the Accepted Contract Amount.</p> <p>(b) Performance Security - Performance Bond: in the amount(s) of <i>[insert related figure(s)]</i> percent of the Accepted Contract Amount and in the same currency(ies) of the Accepted Contract Amount.</p> |

#### **I E. Finishing the Contract**

|                         |  |
|-------------------------|--|
| <b>GCC<br/>56.1</b>     | <p>The date by which operating and maintenance manuals are required is <i>[insert date]</i>.</p> <p>The date by which "as built" drawings are required is <i>[insert date]</i>.</p>                |
| <b>GCC<br/>56.2</b>     | <p>The amount to be withheld for failing to produce "as built" drawings and/or operating and maintenance manuals by the date required in GCC 58.1 is <i>[insert amount in local currency]</i>.</p> |
| <b>GCC<br/>57.2 (g)</b> | <p>The maximum number of days is: <i>[insert number; consistent with Clause 47.1 on liquidated damages]</i>.</p>   |
| <b>GCC<br/>58.1</b>     | <p>The percentage to apply to the value of the work not completed, representing the Procuring Entity's additional cost for completing the Works, is <i>[insert percentage]</i>.</p>                |

**FORM No 1: NOTIFICATION OF INTENTION TO AWARD**

This Notification of Intention to Award shall be sent to each Tenderer that submitted a Tender. Send this Notification to the Tenderer's Authorized Representative named in the Tender Information Form on the format below.

-----

**FORMAT**

1. For the attention of Tenderer's Authorized Representative

- i) Name: *[insert Authorized Representative's name]*
- ii) Address: *[insert Authorized Representative's Address]*
- iii) Telephone: *[insert Authorized Representative's telephone/fax numbers]*
- iv) Email Address: *[insert Authorized Representative's email address]*

*[IMPORTANT: insert the date that this Notification is transmitted to Tenderers. The Notification must be sent to all Tenderers simultaneously. This means on the same date and as close to the same time as possible.]*

2. Date of transmission: *[email]* on *[date]* (local time)

This Notification is sent by *(Name and designation)* \_\_\_\_\_

3. Notification of Intention to Award

- i) Procuring Entity: *[insert the name of the Procuring Entity]*
- ii) Project: *[insert name of project]*
- iii) Contract title: *[insert the name of the contract]*
- iv) Country: *[insert country where ITT is issued]*
- v) ITT No: *[insert ITT reference number from Procurement Plan]*

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period, you may:

4. Request a debriefing in relation to the evaluation of your tender

Submit a Procurement-related Complaint in relation to the decision to award the contract.

- a) The successful tenderer
  - i) Name of successful Tender \_\_\_\_\_
  - ii) Address of the successful Tender \_\_\_\_\_
  - iii) Contract price of the successful Tender Kenya Shillings \_\_\_\_\_ (in words)
- b) Other Tenderers

Names of all Tenderers that submitted a Tender. If the Tender's price was evaluated include the evaluated price as well as the Tender price as read out. For Tenders not evaluated, give one main reason the Tender was unsuccessful.



| SNo | Name of Tender | Tender Price as read out | Tender's evaluated price (Note a) | One Reason Why not Evaluated |
|-----|----------------|--------------------------|-----------------------------------|------------------------------|
| 1   |                |                          |                                   |                              |
| 2   |                |                          |                                   |                              |
| 3   |                |                          |                                   |                              |
| 4   |                |                          |                                   |                              |
| 5   |                |                          |                                   |                              |
|     |                |                          |                                   |                              |

(Note a) State NE if not evaluated

#### 5. How to request a debriefing

- a) DEADLINE: The deadline to request a debriefing expires at midnight on [*insert date*] (*local time*).
- b) You may request a debriefing in relation to the results of the evaluation of your Tender. If you decide to request a debriefing your written request must be made within three (5) Business Days of receipt of this Notification of Intention to Award.
- c) Provide the contract name, reference number, name of the Tenderer, contact details; and address the request for debriefing as follows:
  - i) Attention: [*insert full name of person, if applicable*]
  - ii) Title/position: [*insert title/position*]
  - ii) Agency: [*insert name of Procuring Entity*]
  - iii) Email address: [*insert email address*]
- d) If your request for a debriefing is received within the 3 Days deadline, we will provide the debriefing within five (3) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (3) Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.
- e) The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.
- f) If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fifteen (15) Days from the date of publication of the Contract Award Notice.

#### 6. How to make a complaint

- a) Period: Procurement-related Complaint challenging the decision to award shall be submitted by midnight, [*insert date*] (*local time*).
- b) Provide the contract name, reference number, name of the Tenderer, contact details; and address the Procurement-related Complaint as follows:
  - i) Attention: [*insert full name of person, if applicable*]
  - ii) Title/position: [*insert title/position*]
  - iii) Agency: [*insert name of Procuring Entity*]
  - iv) Email address: [*insert email address*]
- c) At this point in the procurement process, you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.
- d) Further information: For more information refer to the Public Procurement and Disposals Act 2015 and its Regulations available from the Website [info@ppra.go.ke](mailto:info@ppra.go.ke) or [complaints@ppra.go.ke](mailto:complaints@ppra.go.ke). You should read these documents before preparing and submitting your complaint.
- e) There are four essential requirements:
  - i) You must be an 'interested party'. In this case, that means a Tenderer who submitted a Tender in this tendering process, and is the recipient of a Notification of Intention to Award.
  - ii) The complaint can only challenge the decision to award the contract.
  - iii) You must submit the complaint within the period stated above.

iv) You must include, in your complaint, all of the information required to support your complaint.

7. Standstill Period

- i) DEADLINE: The Standstill Period is due to end at midnight on [*insert date*] (local time).
- ii) The Standstill Period lasts ten (14) Days after the date of transmission of this Notification of Intention to Award.
- iii) The Standstill Period may be extended as stated in paragraph Section 5 (d) above.

If you have any questions regarding this Notification please do not hesitate to contact us. On behalf of the Procuring Entity:

**Signature:** \_\_\_\_\_ **Name:** \_\_\_\_\_

**Title/position:** \_\_\_\_\_ **Telephone:** \_\_\_\_ **Email:** \_\_\_\_\_

**FORM NO 2: NOTIFICATION OF AWARD - LETTER OF ACCEPTANCE**

*[letterhead 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]* for the Accepted Contract Amount *[amount in numbers and words] [name of currency]*, as corrected and modified in accordance with the Instructions to Tenderers, is hereby accepted by ..... *(name of Procuring Entity)*.

You are requested to furnish the Performance Security within 30 days in accordance with the Conditions of Contract, using, for that purpose, one of the Performance Security Forms included in Section VIII, Contract Forms, of the Tender Document.

Authorized Signature:.....

Name and Title of Signatory:.....

Name of Procuring Entity.....

Attachment: *Contract Agreement*.....

### FORM NO 3: CONTRACT AGREEMENT

THIS AGREEMENT made the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, between \_\_\_\_\_ of \_\_\_\_\_ (hereinafter “the Procuring Entity”), of the one part, and \_\_\_\_\_ of \_\_\_\_\_ (hereinafter “the Contractor”), of the other part:

WHEREAS the Procuring Entity desires that the Works known as \_\_\_\_\_ should be executed by the Contractor, and has accepted a Tender by the Contractor for the execution and completion of these Works and the remedying of any defects therein,

The Procuring Entity and the Contractor agree as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement. This Agreement shall prevail over all other Contract documents.
  - a) the Letter of Acceptance
  - b) the Letter of Tender
  - c) the addenda Nos \_\_\_\_\_ (if any)
  - d) the Special Conditions of Contract
  - e) the General Conditions of Contract;
  - f) the Specifications
  - g) the Drawings; and
  - h) the completed Schedules and any other documents forming part of the contract.
3. In consideration of the payments to be made by the Procuring Entity to the Contractor as specified in this Agreement, the Contractor hereby covenants with the Procuring Entity to execute the Works and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Procuring Entity hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the Laws of Kenya on the day, month and year specified above.

Signed and sealed by \_\_\_\_\_ (for the Procuring Entity)

Signed and sealed by \_\_\_\_\_ (for the Contractor).

**FORM NO. 4 - PERFORMANCE SECURITY**

**[Option 1 - Unconditional Demand Bank Guarantee]**

*[Guarantor letterhead]*

**Beneficiary:** \_\_\_\_\_ *[insert name and Address of Procuring Entity]* **Date:** \_\_\_\_\_  
\_\_\_\_\_ *[Insert date of issue]*

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

1. We have been informed that \_\_\_\_\_ (hereinafter called "the Contractor") has entered into Contract No. \_\_\_\_\_ dated \_\_\_\_\_ with (name of Procuring Entity) \_\_\_\_\_ (the Procuring Entity as the Beneficiary), for the execution of \_\_\_\_\_ (hereinafter called "the Contract").
2. Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.
3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ (in words ),<sup>1</sup> such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without the Beneficiary needing to prove or to show grounds for your demand or the sum specified therein.
4. This guarantee shall expire, no later than the .... Day of ....., 2.....<sup>2</sup>, and any demand for payment under it must be received by us at the office indicated above on or before that date.
5. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed *[six months]* *[one year]*, in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

*[Name of Authorized Official, signature(s) and seals/stamps].*

**Note:** *All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.*

<sup>1</sup>The Guarantor shall insert an amount representing the percentage of the Accepted Contract Amount specified in the Letter of Acceptance, less provisional sums, if any, and denominated either in the currency of the Contract or a freely convertible currency acceptable to the Beneficiary.

<sup>2</sup>Insert the date twenty-eight days after the expected completion date as described in GC Clause 11.9. The Procuring Entity should note that in the event of an extension of this date for completion of the Contract, the Procuring Entity would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee.

## **FORM No. 5 - PERFORMANCE SECURITY**

### **[Option 2– Performance Bond]**

*[Note: Procuring Entities are advised to use Performance Security – Unconditional Demand Bank Guarantee instead of Performance Bond due to difficulties involved in calling Bond holder to action]*

*[Guarantor letterhead or SWIFT identifier code]*

**Beneficiary:** \_\_\_\_\_ *[insert name and Address of Procuring Entity]* **Date:** \_\_\_\_\_  
\_\_\_\_\_ *[Insert date of issue].*

**PERFORMANCE BOND No.:** \_\_\_\_\_

**Guarantor:** *[Insert name and address of place of issue, unless indicated in the letterhead]*

1. By this Bond \_\_\_\_\_ as Principal (hereinafter called “the Contractor”) and \_\_\_\_\_] as Surety (hereinafter called “the Surety”), are held and firmly bound unto \_\_\_\_\_] as Obligee (hereinafter called “the Procuring Entity”) in the amount of \_\_\_\_\_ for the payment of which sum well and truly to be made in the types and proportions of currencies in which the Contract Price is payable, the Contractor and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.
2. WHEREAS the Contractor has entered into a written Agreement with the Procuring Entity dated the \_\_\_\_\_ day of \_\_\_\_\_, 20, for \_\_\_\_\_ in accordance with the documents, plans, specifications, and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.
3. NOW, THEREFORE, the Condition of this Obligation is such that, if the Contractor shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise, it shall remain in full force and effect. Whenever the Contractor shall be, and declared by the Procuring Entity to be, in default under the Contract, the Procuring Entity having performed the Procuring Entity's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:
  - 1) complete the Contract in accordance with its terms and conditions; or
  - 2) obtain a tender or tenders from qualified tenderers for submission to the Procuring Entity for completing the Contract in accordance with its terms and conditions, and upon determination by the Procuring Entity and the Surety of the lowest responsive Tenderers, arrange for a Contract between such Tenderer, and Procuring Entity and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the Balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term “Balance of the Contract Price,” as used in this paragraph, shall mean the total amount payable by Procuring Entity to Contractor under the Contract, less the amount properly paid by Procuring Entity to Contractor; or
  - 3) pay the Procuring Entity the amount required by Procuring Entity to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.
4. The Surety shall not be liable for a greater sum than the specified penalty of this Bond.
5. Any suit under this Bond must be instituted before the expiration of one year from the date of the issuing of the Taking-Over Certificate. No right of action shall accrue on this Bond to or for the use of any person or corporation other than the Procuring Entity named herein or the heirs, executors, administrators, successors, and assigns of the Procuring Entity.
6. In testimony whereof, the Contractor has hereunto set his hand and affixed his seal, and the Surety has caused these presents to be sealed with his corporate seal duly attested by the signature of his legal representative, this day \_\_\_\_\_ of \_\_\_\_\_ 20\_\_\_\_\_.

SIGNED ON \_\_\_\_\_ on behalf of By \_\_\_ in the capacity of In the presence of

SIGNED ON \_\_\_\_\_ on behalf of By \_\_\_ in the capacity of In the presence of



**FORM NO. 6 - ADVANCE PAYMENT SECURITY**

**[Demand Bank Guarantee]**

*[Guarantor letterhead]*

**Beneficiary:** \_\_\_\_\_ *[Insert name and Address of Procuring Entity]*

**Date:** \_\_\_\_\_ *[Insert date of issue]*

**ADVANCE PAYMENT GUARANTEE No.:** \_\_\_\_\_ *[Insert guarantee reference number]* **Guarantor:** \_\_\_\_\_

\_\_\_\_\_ *[Insert name and address of place of issue, unless indicated in the letterhead]*

1. We have been informed that \_\_\_\_\_ (hereinafter called "the Contractor") has entered into Contract No. \_\_\_\_\_ dated \_\_\_\_\_ with the Beneficiary, for the execution of \_\_\_\_\_ (hereinafter called "the Contract").
2. Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum \_\_\_\_\_ (in words) is to be made against an advance payment guarantee.
3. At the request of the Contractor, we as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ (in words) upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating either that the Applicant:
  - a) has used the advance payment for purposes other than the costs of mobilization in respect of the Works; or
  - b) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Applicant has failed to repay.
4. A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the advance payment referred to above has been credited to the Contractor on its account number \_\_\_\_\_ at \_\_\_\_\_.
5. The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Contractor as specified in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the interim payment certificate indicating that ninety (90) percent of the Accepted Contract Amount, less provisional sums, has been certified for payment, or on the \_\_\_\_ day of \_\_\_\_\_, 2<sup>nd</sup>, whichever is earlier. Consequently, demand for payment under this guarantee must be received by us at this office on or before that date.
6. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed *[six months]**[one year]*, in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.

*[Name of Authorized Official, signature(s) and seals/stamps]*

**Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.**



PROPOSED CONSTRUCTION OF SRUMBEN HEALTH CENTRE IN LOMUT IN

PROJECT REPORT CONTRACT

<sup>1</sup>The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency of the advance payment as specified in the Contract.  
<sup>2</sup>Insert the expected expiration date of the Time for Completion. The Procuring Entity should note that in the event of an extension of the time for completion of the Contract, the Procuring Entity would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee.

**FORM NO. 7 - RETENTION MONEY SECURITY**

**[Demand Bank Guarantee]**

[Guarantor letterhead]

**Beneficiary:** \_\_\_\_\_ [Insert name and Address of Procuring Entity]

**Date:** \_\_\_\_\_ [Insert date of issue]

**Advance payment guarantee no.** [Insert guarantee reference number]

**Guarantor:** [Insert name and address of place of issue, unless indicated in the letterhead]

1. We have been informed that \_\_\_\_\_ [insert name of Contractor, which in the case of a joint venture shall be the name of the joint venture] (hereinafter called "the Contractor") has entered into Contract No. \_\_\_\_\_ [insert reference number of the contract] dated \_\_\_\_\_ with the Beneficiary, for the execution of \_\_\_\_\_ [insert name of contract and brief description of Works] (hereinafter called "the Contract").
2. Furthermore, we understand that, according to the conditions of the Contract, the Beneficiary retains moneys up to the limit set forth in the Contract ("the Retention Money"), and that when the Taking-Over Certificate has been issued under the Contract and the first half of the Retention Money has been certified for payment, and payment of [insert the second half of the Retention Money] is to be made against a Retention Money guarantee.
3. At the request of the Contractor, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of [insert amount in figures] \_\_\_\_\_ ([insert amount in words \_\_\_\_\_])<sup>1</sup> upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or show grounds for your demand or the sum specified therein.
4. A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the second half of the Retention Money as referred to above has been credited to the Contractor on its account number \_\_\_\_\_ at \_\_\_\_\_ [insert name and address of Applicant's bank].
5. This guarantee shall expire no later than the ..... Day of ....., 2.....<sup>2</sup>, and any demand for payment under it must be received by us at the office indicated above on or before that date.
6. The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Beneficiary's written request for such extension, such request to be presented to the Guarantor before

the expiry of the guarantee.

*[Name of Authorized Official, signature(s) and seals/stamps]*

***Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.***

<sup>1</sup>The Guarantor shall insert an amount representing the amount of the second half of the Retention Money.

<sup>2</sup>Insert a date that is twenty-eight days after the expiry of retention period after the actual completion date of the contract. The Procuring Entity should note that in the event of an extension of this date for completion of the Contract, the Procuring Entity would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee

**PROPOSED CONSTRUCTION OF SRUMBEN HEALTH CENTRE IN LOMUT IN**

**BILL OF QUANTITIES**

| ITEM      | DESCRIPTION   | AMOUNT |
|-----------|---|--------|
|           | <b>GENERAL MATTERS</b>  |        |
| <b>A.</b> | <p><b>SUFFICIENCY OF TENDER</b></p> <p>The Contractor shall be deemed to have satisfied themselves before tendering as to the correctness and sufficiency of their Tender for the Works and of the rates and prices stated in the priced Bills of Quantities, which rates and prices shall cover all their obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.</p>  |        |
| <b>B.</b> | <p><b>STAMP CHARGES</b></p> <p>The Contractor shall allow for the payment of all Stamp Charges in connection with the Surety Bond and Contract Agreement.</p>   |        |
| <b>C.</b> | <p><b>DEFINITIONS AND ABBREVIATIONS</b></p> <p>Terms used in these Bills of Quantities shall be interpreted as follows:</p> <p>Approved shall mean approved by the Architect. "as directed" shall mean as directed by the Architect.</p> <p>"B.S." Shall mean the current British Standard Specification published by the British Standards Institution, 2 Park Street, London W.1., England.</p> <p>"C.M." shall mean Cubic Metres.</p> <p>"S.M." shall mean Square Metres.</p> <p>"L.M." shall mean Linear Metres.</p> <p>"mm" shall mean Millimetres.</p> <p>"Kg." shall mean Kilogrammes.</p> <p>"No." shall mean Number.</p> |        |
| <b>D.</b> | <p><b>PROGRESS SCHEDULE</b></p> <p>The Contractor shall, upon receiving instructions to proceed with the work, draw up a Time and Progress Schedule setting out the order in which the Works are to be carried out with the appropriate dates thereof. This Time and Progress Schedule is to be agreed with the Architect and no deviation from the order set out in this Schedule will be permitted without the written consent of the Architect. The Main Contractor will be responsible for arranging the above programme with all Sub-Contractors including the Nominated Sub-Contractors and Nominated Suppliers.</p>        |        |
| <b>E.</b> | <p><b>FIGURED DIMENSIONS</b></p> <p>Figured dimensions are to be followed in preference to dimensions scaled from the Drawings; but whenever possible dimensions are to be taken on the Site or from the Buildings. Before any work is commenced by Sub-Contractors or Specialist Firms, dimensions must be checked on the Site and/or buildings and agreed with the Contractor, irrespective of the comparable dimensions shown on the Drawings. The Contractor shall be responsible for the accuracy of such dimensions.</p>  |        |



|               | <b>Carried To Collection</b>  | <b>Kshs</b> |
|---------------|---|-------------|
| Preliminaries |   |             |
| <b>ITEM</b>   | <b><i>DESCRIPTION</i></b>   |             |
| <b>A.</b>     | <b>PROVISIONAL WORK</b><br><br>All "provisional" and other work liable to adjustment under this Contract shall be left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the Quantity Surveyor. Immediately the work is ready for measurement, the Contractor shall give notice to the Quantity Surveyor. |             |

**PROPOSED CONSTRUCTION OF SRUMBEN HEALTH CENTRE IN LOMUT IN**

If the Contractor makes default in these respects he shall, if the Architect so directs, uncover the work at his own expense to enable the measurements to be taken.

**B. EXISTING SERVICES**

Prior to commencement of any work the Contractor is to ascertain from the relevant Authorities the exact position, depth and level of all existing electric cables, water pipes or other services in the area and they shall make whatever provisions may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Architect and the relevant Authority and shall be made good to their satisfaction at the Contractor's expense.

**C. TRANSPORT TO AND FROM THE SITE**

The Contractor shall include in their prices for the transport of materials, workmen, etc., to and from the Site of the proposed Works, at such hours and by such routes as are permitted by the Authorities.

**D. OVERTIME**

The Contractor shall allow in their tender for any extra costs for overtime working they consider will be necessary in order to complete the works by the contract Date of Completion.

If during the course of the Contract overtime is worked for a specific purpose in accordance with a written instruction issued by the Architect, the Contractor will be reimbursed in respect of such overtime to the extent only of the additional net cost of unproductive time payable over and above the basic hourly rates as laid down by the Regulations of Wages and Conditions of Employment Act, Building and Construction Industry Wages council and excluding any bonuses, profits and overheads.

**E. PUBLIC AND PRIVATE ROADS, PAVEMENTS, ETC.**

The Contractor will be required to make good, at their own expense, any damage they may cause to the present road surfaces and pavements within or beyond the boundary of the Site, during the period of the Works. In particular, all existing trees, shrubs, plants, etc., which may be destroyed or damaged during the progress of the Works are to be made good by the Contractor to the approval of the Architect.

**F. POLICE REGULATIONS**

The Contractor is to allow for complying with all instructions and regulations of the Police Authorities.

**Carried To Collection**

**Kshs**

Preliminaries

| <b>ITEM</b> | <b>DESCRIPTION</b> |
|-------------|--------------------|
|-------------|--------------------|

**A. CONTRACTORS' SUPERINTENDENCE**

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 time to the superintendence of the Works. Such Agent or Representative shall receive on behalf of the Contractor, directions and instructions from the Architect and such directions and instructions shall be deemed given to the Contractor in accordance with the Conditions of Contract. The Agent shall not be replaced without the specific approval of the Architect.

It is to be a specific condition of this Contract that the successful Tenderer shall provide on site throughout the period from the completion of the substructure to the Date for Practical Completion a suitably qualified, experienced and competent person to ensure that the works are carried out to the standard required by the specification and detailed on the Drawings; and shall ensure that upon any termination of employment a suitable replacement is found.

Before the Tenderer's offer is accepted the Architect will personally interview the Contractor's proposed Representative. A curriculum vitae of past experience and qualifications must be provided for the Architect's scrutiny.

The Architect's decision will be final regarding the suitability of the proposed Representative.

**B. WATER**

All water shall be fresh, clean and pure, free from earthy vegetable or organic matter, acid or alkaline substance in solution or suspension.

The Contractor shall provide at their own risk and cost all water for use in connection with the Works (including the work of Sub-Contractors). The Contractor shall provide at their own expense all temporary distribution pipes, storage tanks, meters, etc., and they shall clear away same upon completion of the Works.

**C. LIGHTING AND POWER**

The Contractor shall provide at their own risk and cost all artificial lighting and power for use on the Works, including all Sub-Contractors' and Specialists' requirements and including all temporary connections, wiring, fittings, etc., and clearing away on completion. The Contractor shall pay all fees and obtain all permits in connection therewith.

**D. SAFETY/SECURITY OF WRKS**

The Contractor shall comply at all times with the requirements of the Factory Act (Cap 514), Building Construction Rules, Supplement 18, Legal Notice No. 40 dated 5th April, 1984 ensure that the safety of their workpeople and authorised visitors to the Site is protected at all times. In particular there shall be proper provision of planked footways and guard-rails to scaffolding, etc.; protection against falling materials and tools and the Site shall be kept tidy and clear of dangerous rubbish.

The Contractor shall appoint a Safety Officer as required by the Factory Act and notify the Factory Inspector of his name. The Safety Officer shall be qualified in compliance with the Factory Act and shall have experience in First Aid. The Safety Officer shall be on site at all times and all directions given by the Architect to the Safety Officer shall be deemed to be Architect's Instructions, and shall be complied with promptly without additional cost to the contract.

The Architect shall be empowered to suspend work on the Site should he consider these conditions are not being observed, and no claim arising from such a suspension will be allowed.

**Carried To Collection**

**Kshs**

Preliminaries

| <b>ITEM</b> | <b>DESCRIPTION</b> |  |
|-------------|--------------------|--|
|-------------|--------------------|--|

**A. PROTECTIVE CLOTHING**

The Contractor shall provide all protective or any other special clothing or equipment for their employees that may be necessary.

These shall include, inter-alia, safety helmets, gloves, goggles, earmuffs, gumboots, steel toed boots, overalls, etc according to the type of work. The Contractor shall ensure that all safety and protective gear are worn by all staff on site at all times

**MATERIALS AND WORKMANSHIP**

**B. GENERALLY**

All materials shall be new unless otherwise directed or permitted by the Architect and in all cases where the quality of goods or materials is not described or otherwise specified, is to be the best quality obtainable in the ordinary meaning of the word "best" and not merely a trade signification of that word.

All materials and workmanship shall, unless otherwise specified or described, conform to the appropriate Kenya Bureau of Standards or British Standards Institution Specification current at the date of tender.

**PROPOSED CONSTRUCTION OF SRUMBEN HEALTH CENTRE IN LOMUT IN**

The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that such materials are on Site when required for use in the Works.

The Contractor shall be responsible for and shall replace or make good at their own expense any materials lost or damaged.

The Works throughout shall be executed by skilled workmen well versed in their respective trades.

**C. REJECTED WORKMANSHIP OR MATERIALS**

Any workmanship or materials not complying with the specific requirements or approved samples or which have been damaged, contaminated or have deteriorated, must immediately be removed from the Site and replaced at the Contractor's expense, as required.

**D. PROPRIETARY MATERIALS**

Where proprietary materials are specified herein-after the Contractor may propose the use of materials of other manufacture but equal quality for approval by the Architect.

All materials and goods, where specified to be obtained from a particular manufacturer or supplier are to be used or fixed strictly in accordance with their instructions.

**E. SAMPLES**

The Contractor shall furnish at the earliest possible opportunity before work commences and at his own cost, any samples of materials or workmanship that may be called for by the Architect for his approval or rejection, and any further samples in the case of rejection until such samples are approved by the Architect and such samples, when approved, shall be the minimum standard for the work to which they apply.

Ditto for the Geotechnical surveying to establish further the stability of soil and foundation depths

**F. CONCRETE TESTS**

**G** Concrete test cubes I.e. per set of three as later described, including testing fees, labour and materials, making moulds, transport and handling e.t.c. and ensuring copies of tests are promptly dispatched to the Architect's and Quantity Surveyor's offices.  
Successful tests only (Provisional)

Sets of three: No. 10 @ Shs. 15000  
(tenderer must insert rate and extend)

**Carried To Collection** **Kshs**

Preliminaries

| <b>ITEM</b> | <b>DESCRIPTION</b> |  |
|-------------|--------------------|--|
|-------------|--------------------|--|

**A. TEMPORARY WORKS**  
**SPACE AND SERVICES/OFFICE FOR THE ARCHITECT**

The Contractor shall provide where directed within the site, site offices and clean toilet facilities for the sole use of the Architect and their representatives to the satisfaction of the Local Authorities. The offices shall be provided with adequate furniture and the contractor shall provide the services of a sweeper, pay all charges and keep the facilities in a clean and sanitary condition during the whole period of the Works. In particular, the contractor is to note that the site is within a residential area and operations during the period of the works by the contractor shall ensure that construction activities do not interfere or annoy the residents by way of noise, obstruction, dust, vibrations or trespass. The contractor shall allow for all cost necessary to comply with the above to the satisfaction of the Architect

**B. TELEPHONE**

The Contractor shall avail telephone facilities connected by local providers for the period of the Works, and shall pay all fees and rental for the same. The telephone connection shall remain on site until completion of the works.

**C. SANITATION**

The Contractor shall make arrangements for the necessary toilet facilities for their staff and workmen to the requirements and satisfaction of the Health authorities and maintain the same in a thoroughly clean and sanitary condition and pay all conservancy fees during the period of the Works and remove when no longer required.

**D. PLANT, TOOLS AND SCAFFOLDING**

1/4

The Contractor shall provide all necessary hoists, tackle, plant, vehicles, tools and appliances of every description for the due and satisfactory completion of the Works and shall remove same on

completion.

The Contractor shall provide, erect and maintain all temporary scaffolding, sufficiently strong and efficient for the due performance of the Works, including Sub-contract Works, provide special scaffolding as and when required during the Works and remove on completion and make good.

Such scaffolding shall be constructed of tubular steel or timber of sufficient scantlings and be provided with planked footways and guard-rails to approval.

All such plant, tools and scaffolding shall comply with all regulations whether general or local, in force throughout the period of the Contract and shall be altered or adapted during the Contract as may be necessary to comply with any amendments in or additions to such regulations.

Scaffolding is not measured hereinafter, and the Contractor must allow here or in his rates for the above.

**E. EXISTING AND ADJACENT PROPERTY**

The Contractor must take all steps necessary to safeguard existing and adjacent property, make good at their own expense any damage to persons or property caused thereon, and hold the Employer indemnified against any such claim arising.

The Contractor will be held fully responsible for the safety of the existing and adjacent buildings and for any damage caused in consequence of these Works. They must reinstate all damages at their own expense and indemnify the Employer against any loss.

The Contractor must take such steps and exercise such care and diligence as to minimise nuisance from dust, noise or any other cause to the occupiers of the existing and adjacent property.

**Carried To Collection**

**Kshs**

Preliminaries

**ITEM**

**DESCRIPTION**

**A HOARDING**

The Contractor shall enclose the site, with a hoarding 2.40 metres high, with openings and gates as required, constructed of substantial timbers to approval and covered with reasonably new corrugated galvanised iron sheeting painted to approval

The contractors attention is drawn to the fact that some areas of the site are already built up and shall be in use during the currency of this project. As such the contractor must allow for keeping his/her employees from interfering with such other users and preventing and minimising any nuisance arising from dust, noise or by way of trespass.

**B WATCHING AND LIGHTING**

The Contractor shall provide at their risk and cost all watching and lighting as necessary to safeguard the Works, plant and materials against damage and theft.



PROPOSED CONSTRUCTION OF SRUMBEN HEALTH CENTRE IN LOMUT IN

|                  | <p><b>Carried To Collection</b></p>  | <p><b>Kshs</b></p> |
|------------------|--|--------------------|
| Preliminaries    |  |                    |
| ITEM             | <i>DESCRIPTION</i>   |                    |
| <p><b>A.</b></p> | <p><b><u>NOMINATED SUB-CONTRACTORS AND SUPPLIERS</u></b></p> <p>(See also under FORM OF CONTRACT Clauses 31 and 32)</p> <p><b>NOMINATED SUB-CONTRACTORS</b></p> <p>The Contractor shall be responsible for Nominated Sub- Contractors in every respect and in particular it shall be the Contractor's responsibility to ensure that each Sub- Contractor commences and completes the work in such manner and is ready on the Site with their materials, labour and special plant at such times so as to conform with the Progress Schedule, as specified previously, and to ensure satisfactory progress.</p> <p>The Contractor shall also accept liability for and bear the cost of General Attendance on Nominated Sub-Contractors which shall be deemed to include for:</p> <p>Allowing the use of standing scaffolding, maintenance and alteration of all scaffolding, retention of all scaffolding until such time as all relevant Sub-Contractors' works are complete and removal of all scaffolding on completion. Providing space for office accommodation, and for storage of plant and materials; allowing use of sanitary accommodation; the supply of all necessary water, and lighting; and clearing away all rubbish.</p> <p>The items for "General Attendance" given herein-after following P.C. Sums in respect of Sub-Contractors' work shall be deemed to include all the above.</p> <p>The Contractor shall also accept liability for and bear the cost of Special Attendance on Nominated Sub-Contractors which shall include for one or more of the following:</p> <p>Unloading, storing, hoisting, placing in position, providing power, provision of special scaffolding.</p> <p>The items of "Special Attendance" given herein-after following P.C. Sums shall include any one or more of the above items as set out in the particular reference.</p> <p>Cutting away for and making good after the work of Sub- Contractors as may be required will be priced and allowed for separately under Builder's work to the Specialist trade.</p> <p><b>B. NOMINATED SUPPLIERS</b></p> <p>The Cost of "Fix Only" materials to be obtained from Nominated Suppliers which are covered by Prime Cost or Provisional Sums shall include for taking delivery where directed, checking with invoices or indents, reporting and claiming damages for shortages and damaged goods, defraying demurrage, signing for as having been received in good order, transporting, unloading, storing, covering and protecting until the time of fixing, unpacking, replacing anything lost or damaged, sorting, assembling, hoisting to required levels and fixing as described.</p> |                    |

Before placing any orders with Nominated Sub-Contractors or Nominated Suppliers the Contractor must ascertain that the terms and conditions of the quotations and the dates of delivery of materials or execution of works comply with the terms of Contract and the Progress Schedule.

Carried To Collection

Kshs

Preliminaries

**ITEM**

**DESCRIPTION**

**A. PRIME COST RATES**

Where description of items include a P.C. rate per unit this rate is to cover the nett supply cost of the unit only. The Contractor's price must include for the cost of the unit at the rate stated, plus waste, taking delivery, storage, fixing in position, profit and overheads.

The actual nett cost per unit will be adjusted within the Final Account against the P.C. rate stated.

**PROTECTION AND CLEANING**

**B. PROTECTION**

The Contractor shall cover up and protect from damage, including damage from inclement weather, all finished work and unfixed materials, including that of Sub-Contractors, etc., to the satisfaction of the Architect until the completion of the Contract.

**C. CLEANING**

The Contractor shall, upon completion of the Works, at their own expense, remove and clear away all surplus excavated materials, plant, rubbish and unused materials and shall leave the whole of the Site and Works in a clean and tidy state to the satisfaction of the Architect, including clearing away and making good all traces of temporary access roads, offices, sheds, camps, etc. Particular care shall be taken to leave clean all floors and windows and to remove all paint and cement stains. They shall also, at the discretion of the Architect, remove all rubbish and dirt as it accumulates. The Contractor is to find their own dump and shall pay all charges in connection therewith.

PROPOSED CONSTRUCTION OF SRUMBEN HEALTH CENTRE IN LOMUT IN

|             |  |             |
|-------------|--|-------------|
|             | <b>Carried To Collection</b>   | <b>Kshs</b> |
|             | Preliminaries  |             |
| <b>ITEM</b> | <b>DESCRIPTION</b>   |             |
| <b>A.</b>   | <b>CONTINGENCIES</b>   |             |
| <b>B.</b>   | <b>TRAINING LEVY</b><br><br>The Contractor's attention is drawn to Legal Notice No. 237 of October 1971, which requires payment by the Contractor of Training Levy on all Contracts of more than Shs.50,000/- in value and their tender must include for all costs arising or resulting therefrom.   |             |
| <b>C.</b>   | <b>VALUE ADDED TAX</b><br><br>The Contractor's attention is drawn to the Finance Act 1993 which requires payment by the contractor of Value Added Tax on construction services rendered. The contractor shall allow for the requirements of this tax in their rates or in space provided in the summary page.  |             |
| <b>D</b>    | <b>OCCUPATION CERTIFICATE</b><br><br>The Contractor shall be responsible for obtaining the Occupation Certificate from the relevant Authorities and shall allow for all processes and procedures for expeditiously obtaining the same.   |             |
| <b>D</b>    | <b>STANDARDS LEVY</b><br><br>The Contractor's attention is drawn to Legal Notice No. 267 of 22nd June 1990, which requires payment by the Contractor of Standards Levy. Their tender must include for all costs arising or resulting therefrom.  |             |
| <b>E</b>    | <b>OTHER STATUTORY OBLIGATIONS, NOTICES, FEES AND CHARGES</b><br><br>Notwithstanding any other statutory obligations, notices, fees and charges not listed above, the contractor shall allow in their tender for all such costs incurred in complying with all statutory requirements and payment of all leviers currently in force and affecting the construction industry. |             |
|             | <b>Carried To Collection</b>   | <b>Kshs</b> |

Preliminaries

ITEM

DESCRIPTION

**Collection**

From Page No. 1/1  
" 1/2  
" 1/3  
" 1/4  
" 1/5  
" 1/6  
" 1/7  
" 1/8  
" 1/9

**SECTION NO. 1  
PRELIMINARIES**

**TO MAIN SUMMARY  
AT END OF BILLS**

**SHS.**

Preliminaries

PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT  
SRUMBEN HEALTH CENTRE WEST POKOT COUNTY

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      | <b><u>ELEMENT NO.1</u></b>  |     |      |      |        |
|      | <b><u>SUBSTRUCTURES</u></b>   |     |      |      |        |
|      | <b><u>Excavations</u></b>   |     |      |      |        |
| A    | Clear site of all shrubs and undergrowth including grubbing up of roots and dispose off as directed.    | 298 | SM   |      |        |
| B    | Excavate to remove black cotton soil and cart away as directed  | 119 | CM   |      |        |
| C    | Excavate trenches for strip foundation not exceeding 1.5metres for reduced level                        | 236 | CM   |      |        |
| D    | Ditto for column bases ditto  | 28  | CM   |      |        |
| E    | Extra over excavation from rock in any position   | 9   | CM   |      |        |
|      | <b><u>Filling and carting away</u></b>  |     |      |      |        |
| F    | Return, fill and ram with selected and approved excavated material around excavations                   | 148 | CM   |      |        |
| G    | Load and cart away excavated materials from site  | 87  | CM   |      |        |
| H    | Approved hardcore bed handpacked, well watered and compacted laid in layers of 150mm thick              | 90  | CM   |      |        |
| I    | 50 mm selected fine material to hardcore surfaces, well rolled and leveled to receive concrete          | 201 | SM   |      |        |
| J    | Apply "Termidor" or any other similar and approved anti termite chemical treatment on blinded surfaces. | 298 | SM   |      |        |
| K    | 500 gauge polythene sheeting with sides and end laps as described laid on blinded surfaces              | 298 | SM   |      |        |
|      | <b><u>Plain concrete (1:4:8) in</u></b>   |     |      |      |        |
| L    | 50mm Thick blinding to strip foundation   | 93  | SM   |      |        |

|   |                       |   |    |  |
|---|-----------------------|---|----|--|
| M | Ditto to column bases | 8 | SM |  |
|---|-----------------------|---|----|--|

PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

| ITEM   | DESCRIPTION                                      | QTY | UNIT | RATE | AMOUNT |
|--|--|-----|------|------|--------|
| <b>Carried to Collection</b>                                 |  |     |      |      |        |
| <b><u>SUBSTRUCTURES-(CONTINUED)</u></b>                      |  |     |      |      |        |
| <u>Vibrated reinforced concrete grade 20/20 (1:2:4) in:</u>  |  |     |      |      |        |
| A  | Strip footing                                    | 19  | CM   |      |        |
| B  | Column bases                                     | 4   | CM   |      |        |
| C  | Columns  | 2   | CM   |      |        |
| D  | 150mm Thick ground bed ramp                      | 201 | SM   |      |        |
| <u>Sawn formwork to:</u>                                     |  |     |      |      |        |
| E  | Sides of strip footing                           | 85  | SM   |      |        |
| F  | Ditto column bases                               | 24  | SM   |      |        |
| G  | Ditto columns                                    | 35  | SM   |      |        |
| H  | Edges of floor bed 75 - 150mm high               | 80  | LM   |      |        |
| <u>Steel reinforcement as described including cutting to</u> |  |     |      |      |        |
| I  | 8mm Diameter round steel bar                     | 224 | KG   |      |        |
| J  | 10mm Ditto                                       | 268 | KG   |      |        |
| <u>Steel fabric mesh reinforcement to B.S. 4483</u>          |  |     |      |      |        |
| K  | No. A 142 fabric weighing 2.22Kg/sm fixed in bed | 298 | SM   |      |        |

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      | <b>Carried to Collection</b>  |     |      |      |        |
|      | <b><u>SUBSTRUCTURES-(CONTINUED)</u></b>   |     |      |      |        |
|      | <u>Natural stone walling in cement and sand (1:3) mortar and including reinforcing with 20 x 3mm thick hoop iron in every alternate course.</u>                                       |     |      |      |        |
| A    | 200mm Thick walling   | 215 | SM   |      |        |
|      | <u>Plinths</u>  |     |      |      |        |
| B    | 12mm thick cement and sand (1:3) render to plinths  | 72  | SM   |      |        |
| C    | Prepare and apply three coats bituminous paint to rendered plinths  | 72  | SM   |      |        |
| D    | Allow for keeping the whole of the excavations free from all water; include for draining or other wise keeping all works free from water as necessary over the entire contract period |     |      | ITEM |        |
| E    | Allow for maintaining and upholding sides of excavations and keeping excavations clear of all fallen materials, rubbish etc   |     |      | ITEM |        |
|      | <u>Paving Slabs around building</u>   |     |      |      |        |
| F    | 600 x 600 x 50mm thick precast concrete paving slabs bedded and jointed in cement and sand (1:4) mortar laid on and including 50mm thick sand bed                                     | 52  | SM   |      |        |
|      | Carried to Collection   |     |      |      |        |
|      | <b><u>COLLECTION</u></b>  |     |      |      |        |
|      | FROM PAGE DS/1  |     |      |      |        |
|      | FROM PAGE DS/2  |     |      |      |        |
|      | FROM ABOVE  |     |      |      |        |



PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

| ITEM   | DESCRIPTION                  | QTY                       | UNIT | RATE | AMOUNT |
|--|------------------------------|---------------------------|------|------|--------|
| <b>TOTAL FOR ELEMENT NO. 1 (SUBSTRUCTURES)</b>   |                              | <b>CARRIED TO SUMMARY</b> |      |      |        |
| <b><u>ELEMENT NO. 2</u></b>  |                              |                           |      |      |        |
| <b><u>REINFORCED CONCRETE SUPERSTRUCTURE</u></b>   |                              |                           |      |      |        |
| <u>Vibrated reinforced concrete grade 20/20 (1:2:4) in:</u>  |                              |                           |      |      |        |
| A  | Ring Beams                   | 13                        | CM   |      |        |
| B  | Columns                      | 5                         | CM   |      |        |
| <u>Sawn formwork to:</u>   |                              |                           |      |      |        |
| C  | Sides and soffites of beams  | 96                        | SM   |      |        |
| D  | Sides of columns             | 65                        | SM   |      |        |
| <u>length, bending, hoisting and fixing including all necessary tying wires and spacing blocks (all provisional)</u> |                              |                           |      |      |        |
| <u>High tensile square twisted bars</u>  |                              |                           |      |      |        |
| I  | 8mm Diameter round steel bar | 246                       | KG   |      |        |
| J  | 10mm Ditto                   | 288                       | KG   |      |        |

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      |   |     |      |      |        |
|      | <b>TOTAL FOR ELEMENT NO. 2 (REINFORCED)</b>   |     |      |      |        |
|      | <b><u>ELEMENT NO. 3</u></b>   |     |      |      |        |
|      | <b><u>WALLING</u></b>   |     |      |      |        |
| A    | 200 mm wide approved quality 3-ply bituminous felt damp proof course under walls  | 90  | LM   |      |        |
| B    | 150 mm thick Ditto  | 115 | LM   |      |        |
|      | <u>Medium chisel dressed natural stone walling in cement and sand (1:4) mortar reinforced with and including 25 x 3mm thick hoop iron in every alternate course</u> |     |      |      |        |
| C    | 150mm Thick walling externally  | 255 | SM   |      |        |
| D    | Concrete grille walling   | 0   | SM   |      |        |
|      | <u>Medium chisel dressed natural stone walling in cement and sand (1:4) mortar reinforced with and including 25 x 3mm thick hoop iron in every alternate course</u> |     |      |      |        |
| E    | 150mm Thick walling internally  | 322 | SM   |      |        |
| F    | 100mm Walling reinforced with and including 25 x 3mm thick hoop iron ties in alternate course internally  | 55  | SM   |      |        |
|      | <u>Lintel</u>   |     |      |      |        |
| G    | 225 x 225 x 100mm thick concrete lintel reinforced with 10mm and 8mm diameter steel bars and including all necessary formwork                                       | 205 | LM   |      |        |
|      | <u>Permanent ventilation</u>  |     |      |      |        |
| H    | Pair of permanent ventilation size 225 x 225 x 25mm thick fixed with and including mosquito wire gauze  | 34  | NO   |      |        |
| I    | Leave or form hole in 200mm thick wall size 225 x 225mm wide  | 17  | NO   |      |        |
| J    | Eave filling to 200mm thick wall extreme height 300mm   | 96  | LM   |      |        |

PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | AMOUNT |
|------|--|-----|------|------|--------|
|      |  |     |      |      |        |
|      | <b>TOTAL FOR ELEMENT NO. 3 (WALLING)<br/>CARRIED TO SUMMARY</b>  |     |      |      |        |
|      | <b><u>ELEMENT NO.4</u></b>   |     |      |      |        |
|      | <b><u>ROOFING</u></b>  |     |      |      |        |
|      | ELEMENT NO.3   |     |      |      |        |
|      | ROOFING  |     |      |      |        |
|      | Galvanized corrugated Sheet roofing; 28 gauge;Pre-painted  |     |      |      |        |
| A    | Roof covering not exceeding 450 from horizontal;fixing to timber structure (m/s) with roofing nails and neoprene washers J bolts nuts neoprene washers and caps. | 329 | SM   |      |        |
|      | <b>Accessories, fixing as necessary to roof</b>  |     |      |      |        |
| B    | Ridge cap  | 24  | LM   |      |        |
| B    | Valley cap   | 18  | LM   |      |        |
|      | <b><u>Trusses (All timber work is provisional)</u></b>   |     |      |      |        |
|      | <u>The following in pressure impregnated first grade cypress timber</u>  |     |      |      |        |
| C    | 100 x 50mm Rafters   | 234 | LM   |      |        |
| D    | Ditto tie beams  | 206 | LM   |      |        |
| E    | Ditto king post  | 48  | LM   |      |        |
| F    | Ditto valley rafters   | 42  | LM   |      |        |
| G    | 75 x 50mm struts and ties  | 211 | LM   |      |        |
| H    | Ditto collar splices   | 156 | LM   |      |        |
| I    | Ditto purlins  | 380 | LM   |      |        |

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      | <b>Carried to Collection</b>  |     |      |      |        |
|      | <b><u>ROOFING - (CONTINUED)</u></b>   |     |      |      |        |
|      | <u>The following in second grade celcured and well seasoned cypress timber</u>  |     |      |      |        |
| A    | 100 x 50 mm wall plate bolted to wall with and including 12mm diameter bolts 60mm long at 1000mm centres                              | 90  | LM   |      |        |
| B    | 200 x 50mm Ridge board  | 30  | LM   |      |        |
| C    | Bore hole in 50mm thick timber for 12mm diameter bolts  | 20  | NO   |      |        |
| D    | Make mortice in reinforced concrete for 12mm diameter   | 20  | NO   |      |        |
|      | <u>Eaves</u>  |     |      |      |        |
| E    | 50 x 50mm second grade celcured and well seasoned   | 430 | LM   |      |        |
| F    | Ditto but plugged   | 368 | LM   |      |        |
| G    | 25 x 25mm Prime grade cypress timber slats at 75mm  | 120 | SM   |      |        |
| H    | Coffee tray tacked to timber at eaves   | 96  | SM   |      |        |
|      | <u>Fascia Board</u>   |     |      |      |        |
| I    | 225 x 25 mm thick wrot cypress fascia /barge boards fixed to end of rafters (m/s)   | 220 | LM   |      |        |
|      | <u>Rain water goods</u>   |     |      |      |        |
| J    | <u>Gutters</u>  |     |      |      |        |
| K    | 150 x 100mm galvanized iron gutter gauge 24 fixed to fascia boards (m/s) with and including approved steel brackets at 1000mm centres | 48  | LM   |      |        |
| L    | Extra over gutter for stopped ends  | 4   | NO   |      |        |
| M    | Ditto but for 100 mm diameter outlet  | 4   | NO   |      |        |

PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | AMOUNT |
|------|--|-----|------|------|--------|
|      | <b>Carried to Collection</b>   |     |      |      |        |
|      | <b><u>ROOFING - (CONTINUED)</u></b>                                  |     |      |      |        |
|      | <u>Downpipe</u>  |     |      |      |        |
| A    | 100 mm diameter galvanised iron downpipe gauge 24 fixed              | 34  | LM   |      |        |
| B    | Extra over downpipe for swanneck 1200mm long                         | 8   | NO   |      |        |
| C    | Ditto horse shoe 300 mm long   | 4   | NO   |      |        |
|      | <u>Decoration and painting</u>                                       |     |      |      |        |
|      | <u>Knot, stain prepare and apply three coats oil gloss paint to:</u> |     |      |      |        |
| D    | General surfaces of timber   | 44  | SM   |      |        |
| E    | Surfaces of timber 200-300mm girth                                   | 122 | LM   |      |        |
|      | <u>Prepare and apply three coats gloss oil paint to:</u>             |     |      |      |        |
| F    | General surfaces of metal gutters                                    | 16  | SM   |      |        |
| G    | Surfaces of large pipes  | 122 | LM   |      |        |
|      | <b><u>COLLECTION</u></b>   |     |      |      |        |
|      | FROM PAGE DS/7   |     |      |      |        |
|      | FROM PAGE DS/8   |     |      |      |        |
|      | FROM ABOVE   |     |      |      |        |

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|---|---|-----|------|------|--------|
| <b>TOTAL FOR ELEMENT NO. 4 (ROOFING) CARRIED TO SUMMARY)</b>  |   |     |      |      |        |
| <b><u>ELEMENT NO.5</u></b>  |   |     |      |      |        |
| <b><u>DOORS</u></b>   |   |     |      |      |        |
| Wrot cypress framed frames and framings   |   |     |      |      |        |
| A   | 100 x 50 mm;2 no. labours; plugged door frame   | 54  | LM   |      |        |
| B   | 40 x 35 mm moulded architrave   | 48  | LM   |      |        |
| C   | 25 x 25 mm moulded architrave   | 48  | LM   |      |        |
| <u>45mm Thick solid core flush door to B.S 459: part 2 veneered both sides with internal quality plywood and lipped on all edges in approved hardwood with fanlight</u> |   |     |      |      |        |
| D   | Single swing door size 1200 x 2400mm high (Type D3)   | 4   | NO.  |      |        |
| 45mm Thick hollow core flush door to B.S 459: part 2 veneered both sides with internal quality plywood and lipped on all edges in approved hardwood                     |   |     |      |      |        |
| E   | Single swing door size 900 x 2400mm high (Type D4)  | 5   | NO.  |      |        |
| <b><u>STEEL PANEL DOORS</u></b>   |   |     |      |      |        |
| F   | Mild steel pannel door comprising of 6 No. Size 300 x 800mm high and 3No. Size 300 x 450mm high 10mm thick glass panels including 900 x 200mm and 900 x 300mm high double plates complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site size 1200 x 2400mm high Including three lever mortice lock as per 'Union' Ref 2277 or other equal and approved manufacturer (type D1) | 0   | NO   |      |        |
| G   | Ditto size Double door 1500 x 2400mm high (Type D1b) ditto but opens at 180 degree bothways   | 2   | NO.  |      |        |
| Iron Mongery  |   |     |      |      |        |
| Supply and fix the following to UNION catalogue or other equal and approved   |   |     |      |      |        |

PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|---|---|-----|------|------|--------|
| H   | Three lever mortice lock complete with set lever aluminium handle furniture | 5   | NO.  |      |        |
| I   | Two lever mortice lock complete with set lever aluminium handle furniture   | 6   | NO.  |      |        |
| J   | 100mm steel but hinges  | 15  | PRS  |      |        |
| K   | Rubber door stop complete with 38mm rawl bolt                               | 10  | NO.  |      |        |
| <b>Carried to Collection</b>  |   |     |      |      |        |
| <b><u>DOORS - (CONTINUED)</u></b>                                     |   |     |      |      |        |
| <u>Knot, prime, prepare and apply three coats gloss oil paint to:</u> |   |     |      |      |        |
| A   | General surfaces of timber  | 22  | SM   |      |        |
| B   | Surfaces 0 - 100mm girth  | 98  | LM   |      |        |
| C   | Surfaces 100mm to 200mm girth   | 115 | LM   |      |        |
| D   | Surfaces 200mm to 300mm girth   | 54  | LM   |      |        |
| <u>Prepare and apply three coats gloss oil paint to:</u>              |   |     |      |      |        |
| E   | General surfaces of metal   | 18  | SM   |      |        |
| <b>Carried to Collection</b>  |   |     |      |      |        |
| <u>COLLECTION</u>   |   |     |      |      |        |
| FROM PAGE DS/10   |   |     |      |      |        |
| FROM ABOVE  |   |     |      |      |        |

| ITEM   | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|--|---|-----|------|------|--------|
| <b>TOTAL FOR ELEMENT NO.5 (DOORS) CARRIED TO SUMMARY</b> |   |     |      |      |        |
| <b><u>ELEMENT NO.6</u></b>                               |   |     |      |      |        |
| <b><u>WINDOWS</u></b>                                    |   |     |      |      |        |
| A  | 250 x 25mm Precast concrete window cill bedded and jointed with cement and sand (1:3) mortar<br><br><u>window fabricated from standard sections complete with</u> | 60  | LM   |      |        |
| B  | Steel casement window size 3000 x 1500mm high (Type W1)   | 3   | NO   |      |        |
| C  | Steel casement window size 1500 x 1500mm high (Type W2)   | 8   | NO   |      |        |
| D  | W3)   | 1   | NO   |      |        |
| E  | Steel casement window size 600 x 600mm high (Type W4)<br><br><u>Burglar proofing)</u>   | 5   | NO   |      |        |
| F  | Steel casement window size 3000 x 1500mm high (Type   | 3   | NO   |      |        |
| G  | Steel casement window size 1500 x 1500mm high (Type   | 8   | NO   |      |        |
| H  | Steel casement window size 1200 x 1500mm high (Type   | 1   | NO   |      |        |
| I  | Steel casement window size 600 x 600mm high (Type W4)   | 5   | NO   |      |        |



PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

| ITEM                         | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------------------------------|---|-----|------|------|--------|
| <b>Carried to Collection</b> |   |     |      |      |        |
|                              | <b><u>WINDOWS - (CONTINUED)</u></b>   |     |      |      |        |
| A                            | Aluminium curtain rail complete with all accessories and fixed and anchored on wall as instructed by engineer<br><br><u>4mm Thick clear glass and glazing fixed with and including putty to steel windows</u> | 60  | LM   |      |        |
| B                            | Panes 0.1 - 0.5 square metres<br><br><u>4mm Thick obscure glass and glazing fixed with and including putty to steel windows</u>   | 210 | SM   |      |        |
| C                            | Panes 0.1 - 0.5 square metres   | 12  | SM   |      |        |
| D                            | Prepare and apply three coats wood preservative primer to backs of timber frame not exceeding 100mm girth   |     |      |      |        |
| E                            | Ditto 100 - 200mm girth<br><br><u>Prepare and apply three coats gloss oil paint to surfaces of metal</u>  | 411 | LM   |      |        |
| F                            | General surfaces  | 48  | SM   |      |        |
| G                            | Ditto burglar proofing grills<br><br><u>Sand, stain, prepare and apply three coats clear</u>  | 216 | SM   |      |        |
| H                            | Surfaces 100-200mm girth  | 216 | LM   |      |        |
| I                            | Ditto 200-300mm girth   | 411 | LM   |      |        |
|                              | Carried to Collection   |     |      |      |        |

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|---|---|-----|------|------|--------|
|   | <u>COLLECTION</u>   |     |      |      |        |
|   | FROM PAGE DS/12   |     |      |      |        |
|   | FROM ABOVE  |     |      |      |        |
| <b>TOTAL FOR ELEMENT NO. 6 (WINDOWS) CARRIED TO SUMMARY</b> |   |     |      |      |        |
|   | <u>ELEMENT NO. 7</u>  |     |      |      |        |
|   | <u>EXTERNAL FINISHES</u>  |     |      |      |        |
|   | <u>Walls</u>  |     |      |      |        |
| A   | Extra over walling for smooth chisel dressing with flush pointed vertical joints and recessed horizontal joints                     | 255 | SM   |      |        |
| B   | Extra over 200mm thick walling for chasing 50mm deep to receive rendering (m/s)   | 48  | SM   |      |        |
|   | <u>12mm thick gauged lime (1:2:9) plaster to :</u>  |     |      |      |        |
| C   | Beams and columns   | 145 | SM   |      |        |
| D   | Walling   | 912 | SM   |      |        |
|   | <u>Prepare and apply three coats of first grade silk vinly emulsion paint as per "Crown Berger" or other equal and approved to:</u> |     |      |      |        |
| E   | Plastered surfaces of beams and columns   | 145 | SM   |      |        |

PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|---|---|-----|------|------|--------|
| <b>SUMMARY</b>  |   |     |      |      |        |
| <b><u>ELEMENT NO. 8</u></b>   |   |     |      |      |        |
| <b><u>INTERNAL FINISHES</u></b>   |   |     |      |      |        |
| <b><u>FLOORS</u></b>  |   |     |      |      |        |
| <b><u>Cement and sand (1:4) screeding smooth trowelled</u></b>            |   |     |      |      |        |
| A   | 32mm Thick to receive ceramic tiles                       | 298 | SM   |      |        |
| <b><u>Coloured ceramic tiles as per "Saj Ceramics" or other equal</u></b> |   |     |      |      |        |
| B   | 300 x 300 x 8mm Tiles                                     | 298 | SM   |      |        |
| B   | 200 x200 x 8mm wall tiles for wet areas                   | 85  | SM   |      |        |
| C   | 100 x 8mm skirting  | 277 | LM   |      |        |
| <b><u>Ceiling</u></b>   |   |     |      |      |        |
| D   | 50 X 50mm celcured cypress timber brandering              | 516 | LM   |      |        |
| E   | Ditto but plugged   | 499 | LM   |      |        |
| F   | 10mm thick Celotex board ceiling nailed to timber         | 298 | SM   |      |        |
| G   | Extra over celotex ceiling for trap door size 600 x 450mm | 2   | NO   |      |        |
| H   | 100 x 25mm Thick wrot softwood moulded cornice            | 277 | LM   |      |        |
| <b><u>Prepare and apply three coats first grade plastic emulsion</u></b>  |   |     |      |      |        |
| I   | Celotex ceiling surfaces                                  | 298 | SM   |      |        |
| J   | Timber surfaces not exceeding 100mm girth                 | 277 | LM   |      |        |
| <b><u>Walls</u></b>   |   |     |      |      |        |

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | AMOUNT |
|------|--|-----|------|------|--------|
| K    | <u>Cement and sand (1:4) backing</u><br>15 mm thick to receive white glazed wall tiles | 96  | SM   |      |        |
|      | <b>Carried to Collection</b>   |     |      |      |        |
| A    | <u>Prepare and apply three coats first grade plastic emulsion</u><br>Plastered walls   | 912 | SM   |      |        |
|      | <b>Carried to Collection</b>   |     |      |      |        |
|      | <u>COLLECTION</u><br>FROM PAGE DS/14<br>FROM ABOVE                                     |     |      |      |        |

PROPOSED CONSTRUCTION OF FEMALE WARD BLOCK AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

| ITEM  | DESCRIPTION                   | QTY   | UNIT | RATE | AMOUNT      |
|---|-------------------------------|-------|------|------|-------------|
|   |                               |       |      |      |             |
| <b>TOTAL FOR ELEMENT NO. 8 (INTERNAL FINISHES) CARRIED TO</b> |                               |       |      |      |             |
|   | <b><u>SECTION SUMMARY</u></b> |       |      |      |             |
| A   | SUBSTRUCTURES.....            | DS/4  |      |      |             |
| B   | REINFORCED CONCRETE           | DS/5  |      |      |             |
| C   | WALLING.....                  | DS/6  |      |      |             |
| D   | ROOFING.....                  | DS/9  |      |      |             |
| E   | .....                         | DS/11 |      |      |             |
| F   | WINDOWS.....                  | DS/13 |      |      |             |
| G   | EXTERNAL FINISHES.....        | DS/14 |      |      |             |
| H   | INTERNAL FINISHES.....        | DS/17 |      |      |             |
| <b>TOTAL FOR 1NO. BLOCK OF 1 NUMBER WARD BLOCK</b>            |                               |       |      |      |             |
|   |                               |       |      |      | <b>KSHS</b> |



| ITEM | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|------|-------------|-----|------|------|--------|
|      |             |     |      |      |        |

ROPOSED ALUMINIUM PARTITION FOR FEMALE WARD AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

**ROPOSED ALUMINIUM PARTITION FOR FEMALE WARD AT SRUMBEN HEALTH CENTRE WEST POKOT  
COUNTY**

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      | <p><b><u>DEMOLITIONS &amp; ALTERATIONS</u></b><br/><b><u>(ALL PROVISIONAL)</u></b></p> <p><b>INTERNAL WALLS IFMIS SECTION</b></p> <p><b><u>Timber Panel</u></b></p> <p><b><u>ALUMINIUM PARTITION</u></b></p> <p><b><u>The following in heavy duty powder coated aluminium framing in 100 x 50 x 2mm thick of approved colour and beadings to BS 10 BS15; with channels on both sides at 1200mm centers vertically:-</u></b></p> |     |      |      |        |
| A    | <p>100MM Thick x 2500mm partitions comprising of approx. 300mm high vertical-lourved Top panel; 1200mm high glazed middle panel;including 20x20mmaluminium glazing beads;20mm rubber strips glazing to partitions (m.s)</p>   | 20  | SM   |      |        |
| B    | <p><b><u>GLAZING</u></b></p> <p>6mm thick obscure glass fixed to metal with alluminium connectors and rubber strips;panes exceeding 0.5 square meters but not exceeding 1.0square meters</p>  | 17  | SM   |      |        |
| C    | <p><b>FILMS</b></p> <p>Supply and fix one-way stripped films to ditto as directed by the Project Manager</p>  | 17  | SM   |      |        |
|      | <p><b><u>SMART DOOR LOCK</u></b></p> <p>Supply and fix Wifi Smart Fingerprint Deadbolt lock with fingerprints, card and code as directed by the Project Manager</p>   | 2   | NO   |      |        |
| D    | <p>PAINTING AND DECORATION</p> <p><b><u>Prepare and apply three coats of 'CROWN SOLO' Or other equal and approved polyurethane varnish to:-</u></b></p> <p>To wooden surfaces; internal</p>   | 24  | SM   |      |        |

|             |  |            |             |             |               |
|-------------|--|------------|-------------|-------------|---------------|
| E           | To wall surfaces; internal to make good defects  | 36         | SM          |             |               |
| <b>ITEM</b> | <b>DESCRIPTION</b>   | <b>QTY</b> | <b>UNIT</b> | <b>RATE</b> | <b>AMOUNT</b> |
|             | <b>Carried to Collection</b>   |            |             |             |               |
| <b>A</b>    | <p><b><u>DOORS</u></b></p> <p><b><u>Aluminium Framed Glass Door</u></b></p> <p>Coated Aluminium framed glass door consisting 80 x45 mm aluminium frames; with 6mm thick glass to architects details; including all necessary iron mongery and fixing to frames; all to manufactures specification.</p> <p>Single door; overall size 900 x 2100 mm high</p> | 4          | NO          |             |               |
|             | <b><u>COLLECTION</u></b>   |            |             |             |               |



ROPOSED ALUMINIUM PARTITION FOR FEMALE WARD AT SRUMBEN HEALTH CENTRE  
WEST POKOT COUNTY

Brought forward from page SP/1

Brought forward from page above



| ITEM   | DESCRIPTION | QTY | UNIT | RATE | AMOUNT |
|--|-------------|-----|------|------|--------|
|  |             |     |      |      |        |
| <b>TOTAL FOR PARTITIONING WORKS TO SUMMARY</b> |             |     |      |      |        |

PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR  
SRUMBEN HEALTH CENTRE IN WEST POKOT

PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR SRUMBEN HEALTH CENTRE IN WEST  
POKOT COUNTY

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      | <b><u>ELEMENT NO.1</u></b>  |     |      |      |        |
|      | <b><u>SUBSTRUCTURES</u></b>   |     |      |      |        |
|      | <b><u>Excavations</u></b>   |     |      |      |        |
| A    | Clear site of all shrubs and undergrowth including grubbing up of roots and dispose off as directed.    | 221 | SM   |      |        |
| B    | Excavate to remove black cotton soil and cart away as directed  | 221 | CM   |      |        |
| C    | Excavate trenches for strip foundation not exceeding 1.5metres for reduced level                        | 224 | CM   |      |        |
| D    | Ditto for column bases ditto  | 9   | CM   |      |        |
| E    | Extra over excavation from rock in any position   | 4   | CM   |      |        |
|      | <b><u>Filling and carting away</u></b>  |     |      |      |        |
| F    | Return, fill and ram with selected and approved excavated material around excavations                   | 96  | CM   |      |        |
| G    | Load and cart away excavated materials from site  | 28  | CM   |      |        |
| H    | Approved hardcore bed handpacked, well watered and compacted laid in layers of 150mm thick              | 24  | CM   |      |        |
| I    | 50 mm selected fine material to hardcore surfaces, well rolled and leveled to receive concrete          | 221 | SM   |      |        |
| J    | Apply "Termidor" or any other similar and approved anti termite chemical treatment on blinded surfaces. | 221 | SM   |      |        |
| K    | 500 gauge polythene sheeting with sides and end laps as described laid on blinded surfaces              | 221 | SM   |      |        |
|      | <b><u>Plain concrete (1:4:8) in</u></b>   |     |      |      |        |

|   |   |    |    |  |
|---|---|----|----|--|
| L | 50mm Thick blinding to strip foundation | 23 | SM |  |
|---|---|----|----|--|

PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR  
SRIMBEN HEALTH CENTRE IN WEST BOKOT

| ITEM   | DESCRIPTION                                      | QTY | UNIT | RATE | AMOUNT |
|--|--|-----|------|------|--------|
| <b>Carried to Collection</b>                                 |  |     |      |      |        |
| <b><u>SUBSTRUCTURES-(CONTINUED)</u></b>                      |  |     |      |      |        |
| <u>Vibrated reinforced concrete grade 20/20 (1:2:4) in:</u>  |  |     |      |      |        |
| A  | Strip footing                                    | 4   | CM   |      |        |
| B  | Column bases                                     | 1   | CM   |      |        |
| C  | Columns  | 0   | CM   |      |        |
| D  | 150mm Thick ground bed ramp                      | 75  | SM   |      |        |
| <u>Sawn formwork to:</u>                                     |  |     |      |      |        |
| E  | Sides of strip footing                           | 98  | SM   |      |        |
| F  | Ditto column bases                               | 13  | SM   |      |        |
| G  | Ditto columns                                    | 0   | SM   |      |        |
| H  | Edges of floor bed 75 - 150mm high               | 75  | LM   |      |        |
| <u>Steel reinforcement as described including cutting to</u> |  |     |      |      |        |
| I  | 8mm Diameter round steel bar                     | 220 | KG   |      |        |
| J  | 10mm Ditto                                       | 237 | KG   |      |        |
| <u>Steel fabric mesh reinforcement to B.S. 4483</u>          |  |     |      |      |        |
| K  | No. A 142 fabric weighing 2.22Kg/sm fixed in bed | 75  | SM   |      |        |

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      | <b>Carried to Collection</b>  |     |      |      |        |
|      | <b><u>SUBSTRUCTURES-(CONTINUED)</u></b>   |     |      |      |        |
|      | <u>Natural stone walling in cement and sand (1:3) mortar and including reinforcing with 20 x 3mm thick hoop iron in every alternate course.</u>                                       |     |      |      |        |
| A    | 200mm Thick walling   | 72  | SM   |      |        |
|      | <u>Plinths</u>  |     |      |      |        |
| B    | 12mm thick cement and sand (1:3) render to plinths  | 12  | SM   |      |        |
| C    | Prepare and apply three coats bituminous paint to rendered plinths  | 12  | SM   |      |        |
| D    | Allow for keeping the whole of the excavations free from all water; include for draining or other wise keeping all works free from water as necessary over the entire contract period |     |      | ITEM |        |
| E    | Allow for maintaining and upholding sides of excavations and keeping excavations clear of all fallen materials, rubbish etc   |     |      | ITEM |        |
|      | <u>Paving Slabs around building</u>   |     |      |      |        |
| F    | 600 x 600 x 50mm thick precast concrete paving slabs bedded and jointed in cement and sand (1:4) mortar laid on and including 50mm thick sand bed                                     | 45  | SM   |      |        |
|      | Carried to Collection   |     |      |      |        |
|      | <b><u>COLLECTION</u></b>  |     |      |      |        |
|      | FROM PAGE SH/1  |     |      |      |        |
|      | FROM PAGE SH/2  |     |      |      |        |
|      | FROM ABOVE  |     |      |      |        |

PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR  
SRIMBEN HEALTH CENTRE IN WEST BOKOT

| ITEM   | DESCRIPTION                  | QTY                       | UNIT | RATE | AMOUNT |
|--|------------------------------|---------------------------|------|------|--------|
| <b>TOTAL FOR ELEMENT NO. 1 (SUBSTRUCTURES)</b>   |                              | <b>CARRIED TO SUMMARY</b> |      |      |        |
| <b><u>ELEMENT NO. 2</u></b>  |                              |                           |      |      |        |
| <b><u>REINFORCED CONCRETE SUPERSTRUCTURE</u></b>   |                              |                           |      |      |        |
| <u>Vibrated reinforced concrete grade 20/20 (1:2:4) in:</u>  |                              |                           |      |      |        |
| A  | Ring Beams                   | 3                         | CM   |      |        |
| B  | Columns                      | 0                         | CM   |      |        |
| <u>Sawn formwork to:</u>   |                              |                           |      |      |        |
| C  | Sides and soffites of beams  | 55                        | SM   |      |        |
| D  | Sides of columns             | 0                         | SM   |      |        |
| <u>length, bending, hoisting and fixing including all necessary tying wires and spacing blocks (all provisional)</u> |                              |                           |      |      |        |
| <u>High tensile square twisted bars</u>  |                              |                           |      |      |        |
| I  | 8mm Diameter round steel bar | 280                       | KG   |      |        |
| J  | 10mm Ditto                   | 274                       | KG   |      |        |

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      |   |     |      |      |        |
|      | <b>TOTAL FOR ELEMENT NO. 2 (REINFORCED)</b>   |     |      |      |        |
|      | <b><u>ELEMENT NO. 3</u></b>   |     |      |      |        |
|      | <b><u>WALLING</u></b>   |     |      |      |        |
| A    | 200 mm wide approved quality 3-ply bituminous felt damp proof course under walls  | 69  | LM   |      |        |
| B    | 150 mm thick Ditto  | 5   | LM   |      |        |
|      | <u>Smooth chisel dressed natural stone walling in cement and sand (1:4) mortar reinforced with and including 25 x 3mm thick hoop iron in every alternate course</u> |     |      |      |        |
| C    | 200mm Thick walling externally  | 115 | SM   |      |        |
| D    | Concrete grille walling   | 0   | SM   |      |        |
|      | <u>Medium chisel dressed natural stone walling in cement and sand (1:4) mortar reinforced with and including 25 x 3mm thick hoop iron in every alternate course</u> |     |      |      |        |
| E    | 200mm Thick walling internally  | 95  | SM   |      |        |
| F    | 150mm Walling reinforced with and including 25 x 3mm thick hoop iron ties in alternate course internally  | 25  | SM   |      |        |
|      | <u>Lintel</u>   |     |      |      |        |
| G    | 225 x 225 x 100mm thick concrete lintel reinforced with 10mm and 8mm diameter steel bars and including all necessary formwork                                       | 69  | LM   |      |        |
|      | <u>Permanent ventilation</u>  |     |      |      |        |
| H    | Pair of permanent ventilation size 225 x 225 x 25mm thick fixed with and including mosquito wire gauze  | 20  | NO   |      |        |
| I    | Leave or form hole in 200mm thick wall size 225 x 225mm wide  | 10  | NO   |      |        |
| J    | Eave filling to 200mm thick wall extreme height 300mm   | 69  | LM   |      |        |



PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR  
SRIHAMBEN HEALTH CENTRE IN WEST BOKOT

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | AMOUNT |
|------|--|-----|------|------|--------|
|      |  |     |      |      |        |
|      | <b>TOTAL FOR ELEMENT NO. 3 (WALLING)<br/>CARRIED TO SUMMARY</b>  |     |      |      |        |
|      | <b><u>ELEMENT NO.4</u></b>   |     |      |      |        |
|      | <b><u>ROOFING</u></b>  |     |      |      |        |
|      | ELEMENT NO.3   |     |      |      |        |
|      | ROOFING  |     |      |      |        |
|      | Galvanized corrugated Sheet roofing; 28 gauge;Pre-painted  |     |      |      |        |
| A    | Roof covering not exceeding 450 from horizontal;fixing to timber structure (m/s) with roofing nails and neoprene washers J bolts nuts neoprene washers and caps. | 82  | SM   |      |        |
|      | <b>Accessories, fixing as necessary to roof</b>  |     |      |      |        |
| B    | Ridge cap  | 15  | LM   |      |        |
|      | <b><u>The following in 5 No. Trusses welded and bolted in accordance with the fabricator's shop drawings to the engineer's approval</u></b>                      |     |      |      |        |
| C    | 60 x 60 x 4mm SHS rafter curved to 10.80 meters radius   | 76  | LM   |      |        |
| D    | 60 x 50 x 4mm SHS joists curved to 10.820 meters radius  | 65  | LM   |      |        |
| E    | Ditto curved to 884mm radius   | 49  | LM   |      |        |
| F    | 40 x40 x 3.2mm SHS struts/ties   | 81  | LM   |      |        |
|      | <b><u>Fittings</u></b>   |     |      |      |        |
| G    | 200 x 200 x 6mm gusset plate with 4 No. holes to receive bolts   | 10  | NO   |      |        |
| H    | washer   | 40  | NO   |      |        |
|      | Purlins  |     |      |      |        |
| I    | 125 x50 x 2mm thick steel Z-purlin   | 96  | LM   |      |        |

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      | <b>Carried to Collection</b>  |     |      |      |        |
|      | <b><u>ROOFING - (CONTINUED)</u></b>   |     |      |      |        |
|      | <u>The following in second grade celcured and well seasoned cypress timber</u>  |     |      |      |        |
| A    | 100 x 50 mm wall plate bolted to wall with and including 12mm diameter bolts 60mm long at 1000mm centres                              | 54  | LM   |      |        |
| B    | 200 x 50mm Ridge board  | 54  | LM   |      |        |
| C    | Bore hole in 50mm thick timber for 12mm diameter bolts  | 6   | NO   |      |        |
| D    | Make mortice in reinforced concrete for 12mm diameter   | 6   | NO   |      |        |
|      | <u>Eaves</u>  |     |      |      |        |
| E    | 50 x 50mm second grade celcured and well seasoned   | 72  | LM   |      |        |
| F    | Ditto but plugged   | 76  | LM   |      |        |
| G    | 25 x 25mm Prime grade cypress timber slats at 75mm  | 36  | SM   |      |        |
| H    | Coffee tray tacked to timber at eaves   | 36  | SM   |      |        |
|      | <u>Fascia Board</u>   |     |      |      |        |
| I    | 225 x 25 mm thick wrot cypress fascia /barge boards fixed to end of rafters (m/s)   | 40  | LM   |      |        |
|      | <u>Rain water goods</u>   |     |      |      |        |
| J    | <u>Gutters</u>  |     |      |      |        |
| K    | 150 x 100mm galvanized iron gutter gauge 24 fixed to fascia boards (m/s) with and including approved steel brackets at 1000mm centres | 32  | LM   |      |        |
| L    | Extra over gutter for stopped ends  | 4   | NO   |      |        |
| M    | Ditto but for 100 mm diameter outlet  | 4   | NO   |      |        |

PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR  
SRIMBEN HEALTH CENTRE IN WEST BOKOT

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | AMOUNT |
|------|--|-----|------|------|--------|
|      | <b>Carried to Collection</b>   |     |      |      |        |
|      | <b><u>ROOFING - (CONTINUED)</u></b>                                  |     |      |      |        |
|      | <u>Downpipe</u>  |     |      |      |        |
| A    | 100 mm diameter galvanised iron downpipe gauge 24 fixed              | 28  | LM   |      |        |
| B    | Extra over downpipe for swanneck 1200mm long                         | 8   | NO   |      |        |
| C    | Ditto horse shoe 300 mm long   | 4   | NO   |      |        |
|      | <u>Decoration and painting</u>                                       |     |      |      |        |
|      | <u>Knot, stain prepare and apply three coats oil gloss paint to:</u> |     |      |      |        |
| D    | General surfaces of timber   | 36  | SM   |      |        |
| E    | Surfaces of timber 200-300mm girth                                   | 40  | LM   |      |        |
|      | <u>Prepare and apply three coats gloss oil paint to:</u>             |     |      |      |        |
| F    | General surfaces of metal gutters                                    | 36  | SM   |      |        |
| G    | Surfaces of large pipes  | 55  | LM   |      |        |
|      | <b><u>COLLECTION</u></b>   |     |      |      |        |
|      | FROM PAGE SH/7   |     |      |      |        |
|      | FROM PAGE SH/8   |     |      |      |        |
|      | FROM ABOVE   |     |      |      |        |

| ITEM  | DESCRIPTION  | QTY | UNIT | RATE | AMOUNT |
|---|--|-----|------|------|--------|
| <b>TOTAL FOR ELEMENT NO. 4 (ROOFING) CARRIED TO SUMMARY)</b>  |  |     |      |      |        |
| <b><u>ELEMENT NO.5</u></b>  |  |     |      |      |        |
| <b><u>DOORS</u></b>   |  |     |      |      |        |
| Wrot cypress framed frames and framings   |  |     |      |      |        |
| A   | 100 x 50 mm;2 no. labours; plugged door frame  | 44  | LM   |      |        |
| B   | 40 x 35 mm moulded architrave  | 44  | LM   |      |        |
| C   | 25 x 25 mm moulded architrave  | 40  | LM   |      |        |
| <u>45mm Thick solid core flush door to B.S 459: part 2 veneered both sides with internal quality plywood and lipped on all edges in approved hardwood with fanlight</u> |  |     |      |      |        |
| D   | Single swing door size 1200 x 2400mm high (Type D3)  | 8   | NO.  |      |        |
| 45mm Thick hollow core flush door to B.S 459: part 2 veneered both sides with internal quality plywood and lipped on all edges in approved hardwood                     |  |     |      |      |        |
| E   | Double swing door size 1200 x 2400mm high (Type D4)  | 0   | NO.  |      |        |
| <b><u>STEEL PANEL DOORS</u></b>   |  |     |      |      |        |
| F   | Mild steel pannel door comprising of 6 No. Size 300 x 800mm high and 3No. Size 300 x 450mm high 10mm thick glass panels including 900 x 200mm and 900 x 300mm high double plates complete with 100 x 50 x 3mm RHS framing and metal lugs including purpose made hanging and locking accessories once primed with red oxide primer before delivery to the site size 900 x 2100mm high Including three lever mortice lock as per 'Union' Ref 2277 or other equal and approved manufacturer (type D1) | 0   | NO.  |      |        |
| G   | Ditto size Double door 1200 x 2100mm high (Type D1b) ditto but opens at 180 degree bothways  | 2   | NO.  |      |        |
| Iron Mongery  |  |     |      |      |        |
| Supply and fix the following to UNION catalogue or other equal and approved   |  |     |      |      |        |

PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR  
SRIHAMBEN HEALTH CENTRE IN WEST BOKOT

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|---|---|-----|------|------|--------|
| H   | Three lever mortice lock complete with set lever aluminium handle furniture | 2   | NO.  |      |        |
| I   | Two lever mortice lock complete with set lever aluminium handle furniture   | 8   | NO.  |      |        |
| J   | 100mm steel but hinges  | 12  | PRS  |      |        |
| K   | Rubber door stop complete with 38mm rawl bolt                               | 11  | NO.  |      |        |
| <b>Carried to Collection</b>  |   |     |      |      |        |
| <b><u>DOORS - (CONTINUED)</u></b>                                     |   |     |      |      |        |
| <u>Knot, prime, prepare and apply three coats gloss oil paint to:</u> |   |     |      |      |        |
| A   | General surfaces of timber  | 24  | SM   |      |        |
| B   | Surfaces 0 - 100mm girth  | 40  | LM   |      |        |
| C   | Surfaces 100mm to 200mm girth   | 75  | LM   |      |        |
| D   | Surfaces 200mm to 300mm girth   | 55  | LM   |      |        |
| <u>Prepare and apply three coats gloss oil paint to:</u>              |   |     |      |      |        |
| E   | General surfaces of metal   | 14  | SM   |      |        |
| <b>Carried to Collection</b>  |   |     |      |      |        |
| <u>COLLECTION</u>   |   |     |      |      |        |
| FROM PAGE SH/10   |   |     |      |      |        |
| FROM ABOVE  |   |     |      |      |        |

| ITEM   | DESCRIPTION  | QTY | UNIT | RATE | AMOUNT |
|--|--|-----|------|------|--------|
| <b>TOTAL FOR ELEMENT NO.5 (DOORS) CARRIED TO SUMMARY</b>   |  |     |      |      |        |
| <b><u>ELEMENT NO.6</u></b>   |  |     |      |      |        |
| <b><u>WINDOWS</u></b>  |  |     |      |      |        |
| A  | 250 x 25mm Precast concrete window cill bedded and jointed with cement and sand (1:3) mortar | 12  | LM   |      |        |
| <u>Supply &amp; fix the following purpose made steel casement window fabricated from standard sections complete with frames, mullions and transomes including all necessary locking and window stays, screws and nuts once shop primed before delivery to site</u> |  |     |      |      |        |
| B  | Steel casement window size 1500 x 1500mm high (Type W1)                                      | 4   | NO   |      |        |
| B  | Steel casement window size 600 x 600mm high (Type W2)  | 2   | NO   |      |        |
| C  | Steel casement window size 1200 x 1500mm high (Type W1)                                      | 2   | NO   |      |        |
| Burglar Proof  |  |     |      |      |        |
| B  | Steel casement window size 1500 x 1500mm high (Type W1)                                      | 4   | NO   |      |        |
| Burglar Proof  |  |     |      |      |        |
| B  | Steel casement window size 600 x 600mm high (Type W2)  | 2   | NO   |      |        |
| C  | Steel casement window size 1200 x 1500mm high (Type W1)                                      | 2   | NO   |      |        |
| <u>The following in wrot cypress</u>   |  |     |      |      |        |
| D  | 225 x 25mm Pelmet top  | 12  | LM   |      |        |

PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR  
SRIHAMBEN HEALTH CENTRE IN WEST BOKOT

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|---|---|-----|------|------|--------|
| <b>Carried to Collection</b>  |   |     |      |      |        |
| <b><u>WINDOWS - (CONTINUED)</u></b>   |   |     |      |      |        |
| A   | 225 x 25mm Window board   | 15  | LM   |      |        |
| B   | 50 x 50mm bearer plugged  | 15  | LM   |      |        |
| C   | 225 x 100 x 25mm Pelmet box ends  | 24  | NO   |      |        |
| D   | Aluminium curtain rail  | 15  | LM   |      |        |
| <u>4mm Thick clear glass and glazing fixed with and including putty to steel windows</u>        |   |     |      |      |        |
| E   | Panes 0.1 - 0.5 square metres   | 18  | SM   |      |        |
| <u>4mm Thick obscure glass and glazing fixed with and</u>                                       |   |     |      |      |        |
| F   | Panes 0.1 - 0.5 square metres   | 0   | SM   |      |        |
| G   | Prepare and apply three coats wood preservative primer to backs of timber frame not exceeding 100mm girth | 54  | LM   |      |        |
| H   | Ditto 100 - 200mm girth   | 75  | LM   |      |        |
| <u>Prepare and apply three coats gloss oil paint to surfaces of</u>                             |   |     |      |      |        |
| I   | General surfaces  | 18  | SM   |      |        |
| J   | Ditto burglar proofing grills   | 18  | SM   |      |        |
| <u>Sand, stain, prepare and apply three coats clear polyurathane varnish to timber surfaces</u> |   |     |      |      |        |
| K   | Surfaces 100-200mm girth  | 54  | LM   |      |        |
| L   | Ditto 200-300mm girth   | 75  | LM   |      |        |

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|---|---|-----|------|------|--------|
|   | Carried to Collection   |     |      |      |        |
|   | <u>COLLECTION</u>   |     |      |      |        |
|   | FROM PAGE SH/12   |     |      |      |        |
|   | FROM ABOVE  |     |      |      |        |
| <b>TOTAL FOR ELEMENT NO. 6 (WINDOWS) CARRIED TO SUMMARY</b> |   |     |      |      |        |
|   | <u>ELEMENT NO. 7</u>  |     |      |      |        |
|   | <u>EXTERNAL FINISHES</u>  |     |      |      |        |
|   | <u>Walls</u>  |     |      |      |        |
| A   | Extra over walling for smooth chisel dressing with flush pointed vertical joints and recessed horizontal joints | 115 | SM   |      |        |
| B   | Extra over 200mm thick walling for chasing 50mm deep to receive rendering (m/s)                                 | 25  | SM   |      |        |
|   | <u>12mm thick gauged lime (1:2:9) plaster to :</u>  |     |      |      |        |
| C   | Beams and columns   | 36  | SM   |      |        |
| D   | Walling   | 330 | SM   |      |        |
|   | <u>Prepare and apply three coats of first grade silk vinly</u>  |     |      |      |        |
| E   | Plastered surfaces of beams and columns   | 36  | SM   |      |        |
| F   | Ditto walling   | 330 | SM   |      |        |



PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR  
SRIHAMBEN HEALTH CENTRE IN WEST BOKOT

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|---|---|-----|------|------|--------|
| <b>SUMMARY</b>  |   |     |      |      |        |
| <b><u>ELEMENT NO. 8</u></b>   |   |     |      |      |        |
| <b><u>INTERNAL FINISHES</u></b>   |   |     |      |      |        |
| <b><u>FLOORS</u></b>  |   |     |      |      |        |
| <u>Cement and sand (1:4) screeding smooth trowelled</u>   |   |     |      |      |        |
| A   | 32mm Thick to receive ceramic tiles   | 221 | SM   |      |        |
| <u>Coloured ceramic tiles as per "Saj Ceramics" or other equal and approved bedding and jointing in cement and sand (1:3) mortar and flush pointed with white cement:</u> |   |     |      |      |        |
| B   | 300 x 300 x 8mm Tiles   | 221 | SM   |      |        |
| C   | 100 x 8mm skirting  | 94  | LM   |      |        |
| <u>Ceiling</u>  |   |     |      |      |        |
| D   | 50 X 50mm celcured cypress timber brandering  | 116 | LM   |      |        |
| E   | Ditto but plugged   | 124 | LM   |      |        |
| F   | 10mm thick Celotex board ceiling nailed to timber   | 75  | SM   |      |        |
| G   | Extra over celotex ceiling for trap door size 600 x 450mm wide comprising with and including 50 x 50mm timber framing | 1   | NO   |      |        |
| H   | 100 x 25mm Thick wrot softwood moulded cornice  | 94  | LM   |      |        |
| <u>Prepare and apply three coats first grade plastic emulsion paint to:</u>   |   |     |      |      |        |
| I   | Celotex ceiling surfaces  | 75  | SM   |      |        |

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | AMOUNT |
|------|--|-----|------|------|--------|
| J    | Timber surfaces not exceeding 100mm girth  | 94  | LM   |      |        |
|      | <b>Carried to Collection</b>   |     |      |      |        |
| A    | <u>Prepare and apply three coats first grade plastic emulsion</u><br>Plastered walls | 330 | SM   |      |        |
|      | <b>Carried to Collection</b>   |     |      |      |        |
|      | <u>COLLECTION</u><br>FROM PAGE SH/14<br>FROM ABOVE                                   |     |      |      |        |

PROPOSED CONSTRUCTION OF TYPICAL TWIN STAFF HOUSE BLOCK FOR  
SRIMBEN HEALTH CENTRE IN WEST BOKOT

| ITEM  | DESCRIPTION                        | QTY   | UNIT | RATE        | AMOUNT |
|---|------------------------------------|-------|------|-------------|--------|
| <b>TOTAL FOR ELEMENT NO. 8 (INTERNAL FINISHES) CARRIED TO</b> |                                    |       |      |             |        |
|   | <b><u>SECTION SUMMARY</u></b>      |       |      |             |        |
| <b>A</b>  | <b>SUBSTRUCTURES.....</b><br>..... | SH/4  |      |             |        |
| <b>B</b>  | <b>SUPERSTRUCTURE.....</b>         | SH/5  |      |             |        |
| <b>C</b>  | <b>WALLING.....</b><br>.....       | SH/6  |      |             |        |
| <b>D</b>  | <b>ROOFING.....</b><br>.....       | SH/9  |      |             |        |
| <b>E</b>  | <b>DOORS.....</b><br>.....         | SH/11 |      |             |        |
| <b>F</b>  | <b>WINDOWS.....</b><br>.....       | SH/13 |      |             |        |
| <b>G</b>  | <b>EXTERNAL FINISHES.....</b>      | SH/14 |      |             |        |
| <b>H</b>  | <b>INTERNAL FINISHES.....</b>      | SH/17 |      |             |        |
| <b>TOTAL FOR ONE TWIN STAFF HOUSES BLOCK</b>                  |                                    |       |      | <b>KSHS</b> |        |



| ITEM | DESCRIPTION                                   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      |   |     |      |      |        |
|      | <b>TOTAL FOR 2 NO TWIN STAFF HOUSES BLOCK</b> |     |      |      |        |

BILLS OF QUANTITIES FOR PROPOSED SEPTIC TANK SOAK AWAY PIT FOR  
SRUMBEN HEALTH CENTRE IN WEST POKOT COUNTY

BILLS OF QUANTITIES FOR PROPOSED SEPTIC TANK SOAK AWAY PIT FOR SRUMBEN HEALTH CENTRE IN WEST  
POKOT COUNTY

| ITEM | DESCRIPTION  | UNIT | QTY | RATE | AMOUNT<br>SHS |
|------|--|------|-----|------|---------------|
|      | <b>FOUL DRAINAGE</b>   |      |     |      |               |
|      | <b><u>SITE CLEARANCE</u></b>   |      |     |      |               |
| A    | Clear site 1.5m on either side of sewerline centreline of all bushes, shrubs, small trees, grass and the like and dispose as directed by the   | SM   | 36  |      |               |
|      | <b><u>SOAKPITS</u></b>   |      |     |      |               |
| D    | Excavate for soakpit starting from ground level not exceeding 1.5m backfill after constructing soakpit and dispose excess material as directed by the DR   | CM   | 15  |      |               |
| E    | Excavate for soakpit as before described but exceeding 1.5m and not exceeding 3.0m deep  | CM   | 18  |      |               |
| F    | Ditto exceeding 3.0m and not exceeding 4.5m deep   | CM   | 18  |      |               |
| G    | Provide materials and erect soakpit of 1.2m internal diameter with 140mm thick walling and 100mm thick concrete 1:3:6 base and 150mm thick RC slab and 600x450mm medium duty MH cover and frame and 200mm dia stone fill and all necessary formwork all to detail (50)5345 | NO   | 1   |      |               |
|      | <b><u>GRASSING</u></b>   |      |     |      |               |
| A    | Provide manure and mix with vegetable soil 150mm deep to soakage area and plant approved grass runners to MOW general specifications and maintain until well established   | SM   | 60  |      |               |

|  |   |
|--|---|
| <b>TOTAL CARRIED TO SUMMARY PAGE 1</b> | - |
|--|---|

**SEPTIC TANK**

**Site clearance**

| ITEM                                   | DESCRIPTION  | UNIT | QTY | RATE | AMOUNT<br>SHS |
|--|--|------|-----|------|---------------|
| B                                      | Clear site for sewage treatment works of all bushes, scrub, weeds, small trees grass and the like and dispose as directed by the DR<br>DR  | SM   | 62  |      |               |
| <b><u>Excavations</u></b>              |  |      |     |      |               |
| C                                      | Excavate pit for septic tank starting from ground level not exceeding 1.5m deep backfill around the septic tank after construction and dispose surplus material as directed by the DR                        | CM   | 92  |      |               |
| D                                      | Excavate pit for septic tank starting from excavated level exceeding 1.5m and not exceeding 3.0m deep, backfill around the septic tank after construction and dispose surplus material as directed by the DR | CM   | 92  |      |               |
| E                                      | Ditto but exceeding 3.0m and not exceeding 4.5m deep ditto   | CM   | 92  |      |               |
| F                                      | Extra over excavation for excavation in class I rock (PROVISIONAL)   | CM   | 11  |      |               |
| G                                      | Ditto class II rock (PROVISIONAL)  | CM   | 0   |      |               |
| <b>TOTAL CARRIED TO SUMMARY PAGE 2</b> |  |      |     |      | -             |

**BILLS OF QUANTITIES FOR PROPOSED SEPTIC TANK SOAK AWAY PIT FOR  
SRUMBEN HEALTH CENTRE IN WEST POKOT COUNTY**

| <b><u>CONSTRUCTION</u></b>                |   |             |            |             |                       |
|---|---|-------------|------------|-------------|-----------------------|
| A   | Provide, lay and vibrate 50mm thick concrete class Q (1:3:6) blinding   | SM          | 62         |             |                       |
| <b>ITEM</b>                               | <b>DESCRIPTION</b>  | <b>UNIT</b> | <b>QTY</b> | <b>RATE</b> | <b>AMOUNT<br/>SHS</b> |
| B   | Provide place and vibrate 250mm thick reinforced concrete class 20(20)1:2:4) in concrete bed                                      | SM          | 62         |             |                       |
|   | Provide place and vibrate 200mm thick reinforced concrete class 20(20)1:2:4) in concrete wall                                     | CM          | 32         |             |                       |
| C   | Ditto 150mm thick   | CM          | 16         |             |                       |
| D   | Ditto 100mm thick - ditto   | SM          | 9          |             |                       |
| E   | Provide place and vibrate 250mm thick reinforced concrete class 20(20)1:2:4) in suspended slab                                    | SM          | 62         |             |                       |
| <b><u>REINFORCEMENT</u></b>               |   |             |            |             |                       |
| F   | Provide, cut, bend and fix in concrete 12mm dia ms reinforcing bar including all necessary tying wire,spacer blocks, and the like | KG          | 1,765      |             |                       |
| G   | Ditto 10mm dia ms ditto   | KG          | 1244       |             |                       |
| H   | Ditto 12mm dia ms ditto   | KG          | 1133       |             |                       |
| I   | Ditto 16mm dia high tensile square twisted bar ditto  | KG          | 0          |             |                       |
| <b>TOTAL CARRIED TO COLLECTION PAGE 3</b> |   |             |            |             |                       |

| A   | Ditto 8mm dia ditto   | KG   | 766 |      |               |
|---|---|------|-----|------|---------------|
| B   | Provide and place in concrete BRC mesh No. 65 reinforcement or equivalent, including all necessary tying wire, spacer blocks, laps and the like | SM   | 62  |      |               |
|   | <b><u>Formwork</u></b>  |      |     |      |               |
| ITEM                                      | DESCRIPTION   | UNIT | QTY | RATE | AMOUNT<br>SHS |
| C   | Provide and fix sawn timber formwork to edges of bed between 150 and 225mm high   | LM   | 56  |      |               |
| D   | Ditto to edge of suspended slab between 75 and 100mm high   | LM   | 47  |      |               |
| E   | Ditto between 150 and 225mm high  | LM   | 36  |      |               |
| F   | Provide and fix sawn timber formwork to soffit of suspended slab between  | SM   | 62  |      |               |
| G   | Ditto to soffit of suspended slab   | SM   | 62  |      |               |
| H   | Provide and fix sawn timber forwork to sides of walls   | SM   | 172 |      |               |
|   | <b><u>FINISHES</u></b>  |      |     |      |               |
| I   | Provide materials and apply 12mm rendering (1:1) to walls both internally and externally  | SM   | 234 |      |               |
| J   | Provide and apply 25mm thick screed (1:3) to slab (top & bottom)  | SM   | 124 |      |               |
| K   | Provide and fix 600x450 medium duty manhole cover and frame to detail (50)5313 type 'B'   | NO   | 4   |      |               |
| L   | Allow for testing of the whole of the foul drainage by water test to MOW general specifications to the satisfaction of the DR and               | ITEM |     |      |               |
| N   | Allow for keeping excavations free from general waters  | ITEM |     |      |               |
| <b>TOTAL CARRIED TO COLLECTION PAGE 7</b> |   |      |     |      | -             |
|   | SUMMARY   |      |     |      |               |



BILLS OF QUANTITIES FOR PROPOSED SEPTIC TANK SOAK AWAY PIT FOR  
SRUMREN HEALTH CENTRE IN WEST POKOT COUNTY

|                           |  |  |  |  |
|---------------------------|--|--|--|--|
| TOTAL CARRIED FROM PAGE 1 |  |  |  |  |
| TOTAL CARRIED FROM PAGE 2 |  |  |  |  |
| TOTAL CARRIED FROM PAGE 3 |  |  |  |  |
| TOTAL CARRIED FROM PAGE 4 |  |  |  |  |



| ITEM   | DESCRIPTION | UNIT | QTY | RATE | AMOUNT<br>SHS |
|--|-------------|------|-----|------|---------------|
|  |             |      |     |      |               |
|  |             |      |     |      |               |
|  |             |      |     |      |               |
| TOTAL FOR SEPTIC TANK CARRIED TO GRAND SUMMARY |             |      |     |      |               |

PROPOSED CHAINLINK FENCING FOR SRUMBEN HEALTH CENTRE IN WEST POKOT

**PROPOSED CHAINLINK FENCING FOR SRUMBEN HEALTH CENTRE IN WEST POKOT COUNTY**

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      | <b>SITE CLEARANCE</b>   |     |      |      |        |
| A    | Clear site of all bushes, grass, weeds, small trees, and the like and dispose as directed by the DR   | SM  | 185  |      |        |
|      | <b>FENCING</b>  |     |      |      |        |
| B    | Provide materials and erect chainlink fence 2100mm high consisting of 75x75mm Steel Angle Line posts at 3.0m centres reinforced with and including 4No.-6mm MS steel rods and 6mm MS stirrups at 300mm centres with bottom end of post set in and including plain concrete 1:3:6 (40mm) base size 150x150x150mm including excavation 600mm deep. Include for 3No. Strands of No.12 gauge galvanized steel chainlink wire with No.18 SMG annealed iron wire all to a height of 2100mm and the whole stretched tight and even including levelling the ground as necessary all to the approval of the DR | LM  | 280  |      |        |
| C    | Extra over for straining post supported by 2 No.Steel Posts-Angle line strut size 75x75x2.100mm with top and bolted to fence with and including 12mm dia galvanised steel bolt and bottom and of post set in and including plain concrete 1:3:6 (40) base size 100x100x100mm including excavation 600mm deep and post fitted with 3No. 160x6mm galvanised hook bolts for straining wires  | NO  | 94   |      |        |
| D    | Extra over for double corner post each with raking strut and 3No. 160x8mm galvanised hook bolts straining wires.  | NO  | 18   |      |        |
|      | <u>Vibrated reinforced concrete grade 20/20 (1:2:4) in:</u>   |     |      |      |        |

|   |  |
|---|--|
| E | Hauching along the chainling for anchorage to ground |
|---|--|

|    |
|----|
| CM |
|----|

|   |
|---|
| 4 |
|---|

**PROPOSED CHAINLINK FENCING FOR SRUMBEN HEALTH CENTRE IN WEST POKOT**

| <b>ITEM</b> | <b>DESCRIPTION</b>  | <b>QTY</b> | <b>UNIT</b> | <b>RATE</b> | <b>AMOUNT</b> |
|-------------|---|------------|-------------|-------------|---------------|
|             | <b>TOTAL CARRIED TO COLLECTION PAGE</b>   |            |             |             |               |
|             | <b><u>MAIN GATE</u></b>   |            |             |             |               |
| A           | Provide material and erect double steel gate G14 on 5m opening, each 2.5m wide by 2.4m high fabricated of 50mm dia ms tube frame, 75mm dia side posts, 25mm dia vertical rails spaced at 200mm centres including side walls 1000mm and concrete base for post 400x400x400mm 1:3:6 (40) and excavations, drop bolts, lock fixing and aluminium painting all to detail (50)5368 | NO         | 1           |             |               |
| B           | Ditto but Pedestrian 1800 x 2100mm High   | NO         | 1           |             |               |
|             | <b>TOTAL CARRIED TO COLLECTION</b>  |            |             |             |               |
|             | <b>SUMMARY OF WORKS</b>   |            |             |             |               |
| A           | TOTAL CARRIED FROM PAGE 1 .....   |            |             |             |               |
| B           | TOTAL CARRIED FROM PAGE 2 .....   |            |             |             |               |



| ITEM | DESCRIPTION   | QTY | UNIT | RATE | AMOUNT |
|------|---|-----|------|------|--------|
|      |   |     |      |      |        |
|      | TOTAL FOR CHAINLINK FENCE CARRIED TO FORM OF TENDER |     |      |      |        |

**PROPOSED 4 NO. DOORS PIT LATRINE AND URINAL BLOCK FOR PATIENTS IN SRUMBEN**

**PROPOSED 4 NO. DOORS PIT LATRINE AND URINAL BLOCK FOR PATIENTS IN SRUMBEN HEALTH CENTRE IN WEST POKOT COUNTY**

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | SHS |
|------|--|-----|------|------|-----|
|      | <b>SUBSTRUCTURE (ALL PROVISIONAL)<br/>EXCAVATION AND EARTHWORKS</b>  |     |      |      |     |
|      | <b>SITE PREPARATION</b><br>Clearing site vegetation; grubbing up roots and filling up voids left with selected excavated materials |     |      |      |     |
| A    | Bushes ,shrubs, undergrowth or the like and cart away from site  | 36  | SM   |      |     |
| B    | Excavating vegetable soil for preservation average 200mm deep and cart away as directed  | 7   | CM   |      |     |
|      | <b>EXCAVATION</b>  |     |      |      |     |
| B    | Excavate oversite to reduce levels commencing from stripped level average 300mm deep and spread on site av. 10 meters away         | 11  | CM   |      |     |
| C    | Excavating for strip foundation starting from reduced level not exceeding 1.50 meters deep and cart away as directed               | 13  | CM   |      |     |
| D    | Ditto; 1.50 - 3.00 meter deep  | 13  | CM   |      |     |
| E    | Ditto; 3.00 - 4.50 meter deep  | 13  | CM   |      |     |
| F    | Ditto; 4.50 - 6.00 meter deep  | 13  | CM   |      |     |
| G    | Ditto; 4.50 - 6.00 meter deep  | 8   | CM   |      |     |
| H    | Return, fill-in and rum selected excavated material  | 8   | CM   |      |     |
| I    | Remove and cart away from site surplus excavated materials as directed   | 52  | CM   |      |     |
|      | <b>WATER DISPOSAL</b>  |     |      |      |     |
| J    | Labour and materials, Keeping excavations free from general water  |     | ITEM |      |     |
|      | <b>Carried to collection</b>   |     |      |      |     |

PL / 1

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | SHS |
|------|---|-----|------|------|-----|
|      | <b>PLUNKING AND STRUTTING</b>   |     |      |      |     |
| A    | Labour and materials, to uphold sides of excavations generally  |     | ITEM |      |     |
|      | <b>FILLING</b><br>Cutting and filling   |     |      |      |     |
| B    | Excavated materials to make up levels depositing and compacting in layers maximum 150mm thick in making up levels | 12  | CM   |      |     |
|      | <b>MURRUM</b>   |     |      |      |     |

|   |   |    |    |  |  |
|---|---|----|----|--|--|
| C | Blinding surface of fill 50mm thick   | 36 | SM |  |  |
|   | <b><u>HARDCORE</u></b>  |    |    |  |  |
| D | 250mm thick deposing and compacting in layers maximum 150mm thick in making up levels | 6  | SM |  |  |
|   | <b>ANT-TERMITEAND HERBICIDE TREATMENT</b>   |    |    |  |  |
|   | Apply "termidor 25 EC" solutions or other equal and approved sprayed evenly           |    |    |  |  |
| E | To surface of fill and tops of foundation wall  | 36 | SM |  |  |



PROPOSED 4 NO. DOORS PIT LATRINE AND URINAL BLOCK FOR PATIENTS IN SRUMBEN

|   |  |     |    |  |  |
|---|--|-----|----|--|--|
|   | <b>CONCRETE WORK</b><br><b>INSITU CONCRETE: REINFORCEMENT.</b>   |     |    |  |  |
|   | Normal:class 20/20mm vibrated (1:2:4)<br><u>as described in</u>  |     |    |  |  |
| F | Strip foundations  | 2   | CM |  |  |
| G | 150mm thick ground floor slab  | 36  | SM |  |  |
|   | <b>REINFORCEMENT</b><br>Supply and fix bars reinforcement including bending hooks, typing wire, cutting spacers and supporting all in positin as described |     |    |  |  |
| H | 8mm Diameter bars in any location  | 184 | KG |  |  |
|   | <b>Carried to collection</b>   |     |    |  |  |

PL / 2

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | SHS |
|------|---|-----|------|------|-----|
|      | <b>REINFORCEMENT CONT'N</b>   |     |      |      |     |
|      | Mild steel round bars, cold worked B. S. 4449 including bends, hooks, tying wire, distance blocks spacers   |     |      |      |     |
| A    | 12mm diameter in any location   | 35  | kg   |      |     |
|      | <b>fabrics B.S 4483</b>   |     |      |      |     |
| B    | Refernce No A 142; mesh 200X200mm weight 2.22kgper square meter (including laps,typing wire spacer blocks in location measured Net)                                   | 36  | SM   |      |     |
|      | <b>SAWN FORMWORK TO INSITU CONCRETE AS DESCRIBED</b>  |     |      |      |     |
| C    | Edges of the floor bed 75mm wide  | 66  | LM   |      |     |
| D    | Sides of foundation strip and steps; horizontal   | 12  | SM   |      |     |
|      | <b>FOUNDATION WALLING</b>   |     |      |      |     |
| E    | 200mm thick approved natural stone, roughly squared, equal approved plastic sheet laid over mortar (4:1) ewinforces with hoop iron 500 gauge in every alternate coure |     |      |      |     |
| F    |   |     |      |      |     |
| G    | Ditto 150mm   | 45  | SM   |      |     |
|      | <b>DAMP PROOF MEMRANES</b>  |     |      |      |     |
|      | Polythene , 500 gauge, or other equal and approval plastic sheet laid over blinding (measured helt-allow for laps)  |     |      |      |     |
| H    | Horizontal 1No of layer(s) over 300mm wide  | 36  | SM   |      |     |
|      | <b>PLINTH AREA FINISHES</b>   |     |      |      |     |
|      | Render cement and sand (1:3) wood floated   |     |      |      |     |
| I    | 12mm thick cement and sand to concrete or blockwork base (m/s) general external   | 9   | SM   |      |     |
|      | <b>Carried to collection</b>  |     |      |      |     |

PL / 3

| ITEM | DESCRIPTION                         | QTY | UNIT | RATE | SHS |
|------|-------------------------------------|-----|------|------|-----|
| A    | 12mm thick in steps finishes smooth | 1   | SM   |      |     |

|  |                             |   |    |  |  |
|--|-----------------------------|---|----|--|--|
|  | paint to rendered surface   | 9 | SM |  |  |
| <b>Carried to collection</b>                 |                             |   |    |  |  |
| <b><u>COLLECTION</u></b>                     |                             |   |    |  |  |
|  | Brought forward from PL / 1 |   |    |  |  |
|  | Brought forward from PL / 2 |   |    |  |  |
|  | Brought forward from PL / 3 |   |    |  |  |
|  | From above                  |   |    |  |  |
| <b>TOTAL SUBSTRUCTURE CARRIED TO SUMMARY</b> |                             |   |    |  |  |

PL / 4

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | SHS |
|------|---|-----|------|------|-----|
|      | <b><u>REINFORCED CONCRETE FRAME</u></b>   |     |      |      |     |
|      | Vibrated reinforced concrete (1:2:4)class20/20mm as described   |     |      |      |     |
| A    | Ring beams  | 2   | CM   |      |     |
| B    | Suspended slab  |     |      |      |     |
|      | <b><u>REINFORCEMENT</u></b>   |     |      |      |     |
|      | <b>Bars high yield steel; cold worked B:S 4461 including bends, hooks ,tying wire,distance blocks and spacers in position</b> |     |      |      |     |
| C    | 8mm diameter in any location  | 124 | KG   |      |     |
|      | <b><u>SAWN FORMWORK TO INSITU CONCRETE</u></b>  |     |      |      |     |
| D    | Soffits of Suspended slab   | 8   | SM   |      |     |
| E    | Sides of suspended slab 150-250mm   |     |      |      |     |
|      | <b><u>WALLING</u></b>   |     |      |      |     |
|      | <b><u>Walling; Natural stonework or blockwork</u></b>   |     |      |      |     |
|      | Approved local stone Squared, fine chisel   |     |      |      |     |

**PROPOSED 4 NO. DOORS PIT LATRINE AND URINAL BLOCK FOR PATIENTS IN SRUMBEN**

|                              |   |    |    |  |  |
|------------------------------|---|----|----|--|--|
|                              | dressed one side bedding jointing and recessed pointing one side in cementsand mortar (1:4)as work proceeds |    |    |  |  |
| F                            | Walls 200mm thick reinforced with hoop iron gauge 500 in every alternate course                             | 95 | SM |  |  |
| G                            | Lobour and materials in eaves filling 200mm thick 250mm height  | 6  | SM |  |  |
| <b>CARRIED TO COLLECTION</b> |   |    |    |  |  |

PL / 5

| ITEM   | DESCRIPTION   | QTY | UNIT | RATE | SHS |
|--|---|-----|------|------|-----|
| A  | Form or leave 250 x250mm opening in 200mm mean walling                              | 4   | NO   |      |     |
| B  | 225 x225mm precast concrete permanent vent mosquito gauzed laid in cement sand(1:3) | 4   | NO   |      |     |
| <b><u>DAMP PROOF CORSES</u></b>  |   |     |      |      |     |
| B.S 743, Type A, bitumen hessian base 150mm, no allowances made for laps |   |     |      |      |     |
| C  | 150mm ditto   | 13  | LM   |      |     |
| <b>Carried to collection</b>   |   |     |      |      |     |

**COLLECTION**

Brought forward from PL / 5

From above

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| <b>TOTAL REINFORCEMENT AND WALLING CARRIED TO SUMMARY</b> |  |  |  |  |  |
|---|--|--|--|--|--|

PL / 6

| ITEM                  | DESCRIPTION  | QTY | UNIT | RATE | SHS |
|-----------------------|--|-----|------|------|-----|
| <b><u>ROOFING</u></b> |  |     |      |      |     |
|                       | ROOFING<br>Galvanized corrugated Sheet roofing; 30 gauge;Pre-painted |     |      |      |     |

|   |  |    |    |  |  |
|---|--|----|----|--|--|
| A                                       | Roof covering not exceeding 450 from horizontal;fixing to timber structure (m/s) with roofing nails and neoprene washers J bolts nuts neoprene washers and caps. | 40 | SM |  |  |
|   | <b>Accessories, fixing as necessary to roof</b>  |    |    |  |  |
| B                                       | Ridge cap  | 15 | LM |  |  |
| C                                       | Valley cap   | 2  | LM |  |  |
|   | <b><u>Trusses (All timber work is provisional)</u></b>   |    |    |  |  |
|   | <u>The following in pressure impregnated first grade cypress timber</u>  |    |    |  |  |
| D                                       | 100 x 50mm Rafters   | 13 | LM |  |  |
| E                                       | Ditto tie beams  | 12 | LM |  |  |
| F                                       | Ditto purlins  | 16 | LM |  |  |
| G                                       | Ties and struts  | 9  | LM |  |  |
|   | <b><u>Fascia Board</u></b>   |    |    |  |  |
| F                                       | 200 x 25mm wrot cypress fascia/barge boards fixed to end of rafters (m/s)  | 16 | LM |  |  |
| <b>TOTAL ROOFING CARRIED TO SUMMARY</b> |  |    |    |  |  |

PL / 7

| ITEM | DESCRIPTIONN  | QTY | UNIT | RATE | SHS |
|------|---|-----|------|------|-----|
|      | <b><u>WINDOWS</u></b>   |     |      |      |     |
|      | <b>Precast concrete, normal class20/20mm vibrated;</b>  |     |      |      |     |
| A    | Sills, 250x75 mm thick ,once sunk weathered, once throted, reinforced as necessary for handling ,bedding jointing and pointing in cement mortar (1:4) | 6   | LM   |      |     |
| B    | Overall size 500x500 mm high  | 4   | NO   |      |     |
|      | <b><u>GLAZING</u></b>   |     |      |      |     |
| C    | 4mm thick clear sheet glass to metal with putty 1.00 to 1,5 square meter  | 2   | SM   |      |     |
|      | <b><u>PAINTING AND DECORATION</u></b>   |     |      |      |     |
|      | <u>ONE UNDERCOAT TWO COATS OIL PAINTFULL GLOSS FINISH TO CROWN PAINTS OR EQUAL AND APPROVED</u>   |     |      |      |     |
| D    | Metal window surfaces over 300mm girth internal   | 2   | SM   |      |     |
| E    | Ditto over 300mm girth external   | 1   | SM   |      |     |

**PROPOSED 4 NO. DOORS PIT LATRINE AND URINAL BLOCK FOR PATIENTS IN SRUMBEN**

|  |  |   |    |  |  |
|--|--|---|----|--|--|
| F  | Concrete surfaces 200-300mm girth external | 6 | LM |  |  |
| G  | Ditto but timber surfaces                  | 6 | LM |  |  |
| <b>TOTAL FOR WINDOWS CARRIED TOSUMMARY</b> |  |   |    |  |  |

PPL/ 8

| ITEM   | DESCRIPTION  | QTY | UNIT | RATE | SHS |
|--|--|-----|------|------|-----|
| <b>DOORS</b>   |  |     |      |      |     |
| <b>JOINERY</b>   |  |     |      |      |     |
| <u>FRAMES WROT MAHOGAMY</u>  |  |     |      |      |     |
| A  | 150X50mm rebated frame once laboured   | 22  | LM   |      |     |
| B  | 150X50mm timber frame once laboured  | 21  | LM   |      |     |
| C  | Ditto quadrant   | 20  | LM   |      |     |
| D  | 45x24mm Architraves  | 20  | LM   |      |     |
| <b><u>MARCH BOARDED DOOR</u></b>   |  |     |      |      |     |
| E  | Single solid core door 45mm thick ,900x2400mm high, 6mm mahogany veneer facing both sides, hardwood lipping on all exposed edges with fanlight | 4   | NO   |      |     |
| F  | 225 x 25 x3mm thick door fixing cramps one end bent and twice screwed to frame and the other end fanged and built in to blockwork              | 12  | NO   |      |     |
| <b>IRONMONGERY</b>   |  |     |      |      |     |
| Supply and fix the following;  |  |     |      |      |     |
| G  | Steel butt hinges 100mm  | 6   | PRS  |      |     |
| H  | Mild steel door fixing dowel 200mm long  | 4   | NO   |      |     |
| I  | Door stops NO 8400   | 4   | NO   |      |     |
| J  | 2-lever 'union' mortice lock catalogue NO. 2237 complete with set lever handle furniture   | 4   | NO   |      |     |
| <u>ONE UNDERCAT TWO COATS OIL PAINTFULL GLOSS TO CROWN PAINTS OR EQUALAND APPROVED</u> |  |     |      |      |     |
| K  | Wood surfaces over 300mm girth external / internal   | 15  | SM   |      |     |
| <b>Carried to collection</b>   |  |     |      |      |     |

PL/ 9

| ITEM | DESCRIPTION                            | QTY | UNIT | RATE | SHS |
|------|--|-----|------|------|-----|
| A    | Wood surfaces 200-300mm girth external | 22  | LM   |      |     |

|                                       |                     |    |    |  |  |
|---------------------------------------|---------------------|----|----|--|--|
| B                                     | Ditto 0-100mm girth | 22 | LM |  |  |
| <b>Carried to collection</b>          |                     |    |    |  |  |
| <b><u>COLLECTION</u></b>              |                     |    |    |  |  |
| Brought forward from PL / 5           |                     |    |    |  |  |
| From above                            |                     |    |    |  |  |
| <b>TOTAL DOORS CARRIED TO SUMMARY</b> |                     |    |    |  |  |

PL/ 10

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | SHS |
|---|---|-----|------|------|-----|
| <b><u>FINISHES</u></b>  |   |     |      |      |     |
| <b><u>FLOOR,WALL AND CEILING FINISHES</u></b>   |   |     |      |      |     |
| A   | 15mm thick cement sand (1:4) m/s  | 36  | SM   |      |     |
| B   | Ditto sand screed skirting  | 44  | LM   |      |     |
| <b><u>WALLS</u></b>   |   |     |      |      |     |
| C   | 12mm thick ,2NO. Coat work plaster 1:2:6: to concrete or block work base (m/s) generally,walls internal steel trowelled | 185 | SM   |      |     |
| D   | Ditto to the external wall surface as described   | 32  | SM   |      |     |
| E   | 15mm thick 2 NO coatwork cement sand (1:4) render to concrete or blockwork base externally                              | 9   | SM   |      |     |
| <b><u>PAINTING AND DECORATION</u></b>   |   |     |      |      |     |
| <b><u>THREE COATS PVA BASED EMULSION PAINT TO CROWN PAINTS OR WQUAL AND APPROVED.</u></b> |   |     |      |      |     |

**PROPOSED 4 NO. DOORS PIT LATRINE AND URINAL BLOCK FOR PATIENTS IN SRUMBEN**

|  |   |    |    |  |  |
|--|---|----|----|--|--|
| F  | Rendered wall surfaces                            | 9  | SM |  |  |
| G  | Ditto timber surfaces internal                    | 22 | SM |  |  |
| <b>PAINTING AND DECORATING</b>               |   |    |    |  |  |
| <u>ONE UNDERCOAT.TWO COATS OIL PAINTFULL</u> |   |    |    |  |  |
| <u>GLOSS FINISH TO CROWN PAINT OR EQUAL</u>  |   |    |    |  |  |
| <u>AND APPROVED</u>                          |   |    |    |  |  |
| H  | Plastered wall surfaces over 300mm girth internal | 91 | SM |  |  |
| I  | Ditto surfaces 100-200mm girth external           | 26 | LM |  |  |
| <b>TOTAL FINISHES CARRIED TO SUMMARY</b>     |   |    |    |  |  |

| ITEM | DESCRIPTION                                   | QTY | UNIT | RATE | SHS |
|------|---|-----|------|------|-----|
|      | <b><u>SUMMARY</u></b>                         |     |      |      |     |
|      | SUBSTRUCTURES FROM PAGE PL /4                 |     |      |      |     |
|      | REINFORCEMENT AND WALLING FROM PL /6          |     |      |      |     |
|      | ROOFING FROM PAGE PL /7                       |     |      |      |     |
|      | WINDOWS FROM PAGE PL /8                       |     |      |      |     |
|      | DOORS FROM PAGE PL/10                         |     |      |      |     |
|      | FINISHES FROM PAGE PL/11                      |     |      |      |     |
|      | <b>TOTAL FOR PIT LATRINE BLOCK TO SUMMARY</b> |     |      |      |     |

PPL/12



**PROPOSED CONSTRUCTION OF 3 DOOR PIT LATRINE AND URINAL BLOCK FOR  
SRUMBEN HEALTH CENTRE IN WEST POKOT**

**PROPOSED CONSTRUCTION OF 3 DOOR PIT LATRINE AND URINAL BLOCK FOR SRUMBEN HEALTH CENTRE IN  
WEST POKOT COUNTY**

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | SHS |
|------|--|-----|------|------|-----|
|      | <b>SUBSTRUCTURE (ALL PROVISIONAL)<br/>EXCAVATION AND EARTHWORKS</b>  |     |      |      |     |
|      | <b>SITE PREPARATION</b><br>Clearing site vegetation; grubbing up roots and filling up voids left with selected excavated materials |     |      |      |     |
| A    | Bushes ,shrubs, undergrowth or the like and cart away from site  | 21  | SM   |      |     |
| B    | Excavating vegetable soil for preservation average 200mm deep and cart away as directed  | 4   | CM   |      |     |
|      | <b>EXCAVATION</b>  |     |      |      |     |
| B    | Excavate oversite to reduce levels commencing from stripped level average 300mm deep and spread on site av. 10 meters away         | 4   | CM   |      |     |
| C    | Excavating for strip foundation starting from reduced level not exceeding 1.50 meters deep and cart away as directed               | 13  | CM   |      |     |
| D    | Ditto; 1.50 - 3.00 meter deep  | 13  | CM   |      |     |
| E    | Ditto; 3.00 - 4.50 meter deep  | 14  | CM   |      |     |
| F    | Ditto; 4.50 - 6.00 meter deep  | 14  | CM   |      |     |
| G    | Ditto; 4.50 - 6.00 meter deep  | 14  | CM   |      |     |
| H    | Return, fill-in and rum selected excavated material  | 3   | CM   |      |     |
| I    | Remove and cart away from site surplus excavated materials as directed   | 45  | CM   |      |     |
|      | <b><u>WATER DISPOSAL</u></b>   |     |      |      |     |
| J    | Labour and materials, Keeping excavations free from general water  |     | ITEM |      |     |
|      | <b>Carried to collection</b>   |     |      |      |     |

PL / 1

| ITEM | DESCRIPTION   | QTY | UNIT | RATE | SHS |
|------|---|-----|------|------|-----|
|      | <b>PLUNKING AND STRUTTING</b>   |     |      |      |     |
| A    | Labour and materials, to uphold sides of excavations generally  |     | ITEM |      |     |
|      | <b><u>FILLING</u></b><br>Cutting and filling  |     |      |      |     |
| B    | Excavated materials to make up levels depositing and compacting in layers maximum 150mm thick in making up levels | 12  | CM   |      |     |
|      | <b>MURRUM</b>   |     |      |      |     |

|   |   |    |    |  |  |
|---|---|----|----|--|--|
| C | Blinding surface of fill 50mm thick   | 21 | SM |  |  |
|   | <b><u>HARDCORE</u></b>  |    |    |  |  |
| D | 250mm thick deposing and compacting in layers maximum 150mm thick in making up levels | 19 | SM |  |  |
|   | <b>ANT-TERMITEAND HERBICIDE TREATMENT</b>   |    |    |  |  |
|   | Apply "termidor 25 EC" solutions or other equal and approved sprayed evenly           |    |    |  |  |
| E | To surface of fill and tops of foundation wall  | 21 | SM |  |  |

**PROPOSED CONSTRUCTION OF 3 DOOR PIT LATRINE AND URINAL BLOCK FOR  
SUMBEN HEALTH CENTRE IN WEST BOKOT**

|   |  |     |    |  |  |
|---|--|-----|----|--|--|
|   | <b><u>CONCRETE WORK</u></b><br><b>INSITU CONCRETE: REINFORCEMENT.</b>  |     |    |  |  |
|   | Normal:class 20/20mm vibrated (1:2:4)<br><u>as described in</u>  |     |    |  |  |
| F | Strip foundations  | 1   | CM |  |  |
| G | 150mm thick ground floor slab  | 18  | SM |  |  |
|   | <b><u>REINFORCEMENT</u></b><br>Supply and fix bars reinforcement including<br>bending hooks, tying wire, cutting spacers and<br>supporting all in positin as described |     |    |  |  |
| H | 8mm Diameter bars in any location  | 154 | KG |  |  |
|   | <b>Carried to collection</b>   |     |    |  |  |

PL / 2

| ITEM | DESCRIPTION  | QTY | UNIT | RATE | SHS |
|------|--|-----|------|------|-----|
|      | <b><u>REINFORCEMENT CONT'N</u></b>   |     |      |      |     |
|      | Mild steel round bars, cold worked B. S. 4449<br>including bends, hooks, tying wire, distance blocks<br>spacers  |     |      |      |     |
| A    | 12mm diameter in any location  | 134 | kg   |      |     |
|      | <b><u>fabrics B.S 4483</u></b>   |     |      |      |     |
| B    | Refernce No A 142; mesh 200X200mm weight<br>2.22kgper square meter (including laps,tying<br>wire spacer blocks in location measured Net)                                       | 21  | SM   |      |     |
|      | <b><u>SAWN FORMWORK TO INSITU CONCRETE AS<br/>DESCRIBED</u></b>  |     |      |      |     |
| C    | Edges of the floor bed 75mm wide   | 16  | LM   |      |     |
| D    | Sides of foundation strip and steps; horizontal  | 5   | SM   |      |     |
|      | <b><u>FOUNDATION WALLING</u></b>   |     |      |      |     |
| E    | 200mm thick approved natural stone, roughly<br>squared, equal approved plastic sheet laid over<br>mortar (4:1) ewinforces with hoop iron 500 gauge<br>in every alternate coure |     |      |      |     |
| F    |  |     |      |      |     |
| G    | Ditto 150mm  | 24  | SM   |      |     |
|      | <b><u>DAMP PROOF MEMRANES</u></b><br>Polythene , 500 gauge, or other equal and<br>approval plastic sheet laid over blinding<br>(measured helt-allow for laps)                  |     |      |      |     |
| H    | Horizontal 1No of layer(s) over 300mm wide   | 21  | SM   |      |     |
|      | <b><u>PLINTH AREA FINISHES</u></b>   |     |      |      |     |
|      | Render cement and sand (1:3) wood floated  |     |      |      |     |
| I    | 12mm thick cement and sand to concrete or<br>blockwork base (m/s) general external   | 9   | SM   |      |     |
|      | <b>Carried to collection</b>   |     |      |      |     |

PL / 3

| ITEM | DESCRIPTION                         | QTY | UNIT | RATE | SHS |
|------|-------------------------------------|-----|------|------|-----|
| A    | 12mm thick in steps finishes smooth | 1   | SM   |      |     |

|  |                             |   |    |  |  |
|--|-----------------------------|---|----|--|--|
|  | paint to rendered surface   | 9 | SM |  |  |
| <b>Carried to collection</b>                 |                             |   |    |  |  |
| <b><u>COLLECTION</u></b>                     |                             |   |    |  |  |
|  | Brought forward from PL / 1 |   |    |  |  |
|  | Brought forward from PL / 2 |   |    |  |  |
|  | Brought forward from PL / 3 |   |    |  |  |
|  | From above                  |   |    |  |  |
| <b>TOTAL SUBSTRUCTURE CARRIED TO SUMMARY</b> |                             |   |    |  |  |

PL / 4

| ITEM  | DESCRIPTION  | QTY | UNIT | RATE | SHS |
|---|--|-----|------|------|-----|
| <b><u>REINFORCED CONCRETE FRAME</u></b>   |  |     |      |      |     |
|   | Vibrated reinforced concrete (1:2:4)class20/20mm as described                            |     |      |      |     |
| A   | Ring beams   | 1   | CM   |      |     |
| B   | Suspended slab   |     |      |      |     |
| <b><u>REINFORCEMENT</u></b>   |  |     |      |      |     |
| <b>Bars high yield steel; cold worked B:S 4461 including bends, hooks ,tying wire,distance blocks and spacers in position</b> |  |     |      |      |     |
| C   | 8mm diameter in any location   | 15  | KG   |      |     |
| <b><u>SAWN FORMWORK TO INSITU CONCRETE</u></b>  |  |     |      |      |     |
| D   | Soffits of Suspended slab  | 1   | SM   |      |     |
| E   | Sides of suspended slab 150-250mm  |     |      |      |     |
| <b><u>WALLING</u></b>   |  |     |      |      |     |
| <b><u>Walling; Natural stonework or blockwork</u></b>   |  |     |      |      |     |
|   | Approved local stone Squared, fine chisel dressed one side bedding jointing and recessed |     |      |      |     |

**PROPOSED CONSTRUCTION OF 3 DOOR PIT LATRINE AND URINAL BLOCK FOR  
SILAMPEN HEALTH CENTRE IN WEST BOVOT**

|                              |  |    |    |  |  |
|------------------------------|--|----|----|--|--|
|                              | pointing one side in cementsand mortar<br>(1:4)as work proceeds                    |    |    |  |  |
| F                            | Walls 200mm thick reinforced with hoop iron gauge<br>500 in every alternate course | 48 | SM |  |  |
| G                            | Lobour and materials in eaves filling 200mm thick<br>250mm height                  | 2  | SM |  |  |
| <b>CARRIED TO COLLECTION</b> |  |    |    |  |  |

PL / 5

| ITEM  | DESCRIPTION  | QTY | UNIT | RATE | SHS |
|---|--|-----|------|------|-----|
| A   | Form or leave 250 x250mm opening in 200mm<br>mean walling                              | 3   | NO   |      |     |
| B   | 225 x225mm precast concrete permanent vent<br>mosquito gauzed laid in cement sand(1:3) | 3   | NO   |      |     |
| <u>DAMP PROOF CORSES</u>  |  |     |      |      |     |
| B.S 743, Type A, bitumen hessian base 150mm, no<br>allowances made for laps |  |     |      |      |     |
| C   | 150mm ditto  | 13  | LM   |      |     |
| <b>Carried to collection</b>  |  |     |      |      |     |
| <u>COLLECTION</u>   |  |     |      |      |     |
| Brought forward from PL / 5   |  |     |      |      |     |
| From above  |  |     |      |      |     |
| <b>TOTAL REINFORCEMENT AND WALLING CARRIED TO<br/>SUMMARY</b>               |  |     |      |      |     |

PL / 6

| ITEM  | DESCRIPTION   | QTY | UNIT  | RATE | SHS |
|---|---|-----|-------|------|-----|
| <u>ROOFING</u>                                  |   |     |       |      |     |
| A   | ROOFING<br><br>Galvanized corrugated Sheet roofing; 28 gauge;Pre-<br>painted<br><br>Roof covering not exceeding 450 from<br>horizontal;fixing to timber structure (m/s) with roofing<br>nails and neoprene washers J bolts nuts neoprene<br>washers and caps. | 24  | SM    |      |     |
| <b>Accessories, fixing as necessary to roof</b> |   |     | KDS/1 |      |     |

|   |  |    |    |  |  |
|---|--|----|----|--|--|
| B   | Ridge cap  | 15 | LM |  |  |
| C   | Valley cap   | 0  | LM |  |  |
| <b><u>Trusses (All timber work is provisional)</u></b>                  |  |    |    |  |  |
| <u>The following in pressure impregnated first grade cypress timber</u> |  |    |    |  |  |
| D   | 100 x 50mm Rafters   | 36 | LM |  |  |
| E   | Ditto tie beams  | 23 | LM |  |  |
| F   | Ditto purlins  | 44 | LM |  |  |
| G   | Ties and struts  | 26 | LM |  |  |
| <b><u>Fascia Board</u></b>  |  |    |    |  |  |
| F   | 200 x 25mm wrot cypress fascia/arge boards fixed to end of rafters (m/s) | 10 | LM |  |  |
| <b>TOTAL ROOFING CARRIED TO SUMMARY</b>                                 |  |    |    |  |  |

PL / 7

| ITEM   | DESCRIPTIONN  | QTY | UNIT | RATE | SHS |
|--|---|-----|------|------|-----|
| <b><u>WINDOWS</u></b>  |   |     |      |      |     |
| <b>Precast concrete, normal class20/20mm vibrated;</b>   |   |     |      |      |     |
| A  | Sills, 250x75 mm thick ,once sunk weathered, once throted, reinforced as necessary for handling ,bedding jointing and pointing in cement mortar (1:4) | 6   | LM   |      |     |
| B  | Overall size 500x500 mm high  | 4   | NO   |      |     |
| <b><u>GLAZING</u></b>  |   |     |      |      |     |
| C  | 4mm thick clear sheet glass to metal with putty 1.00 to 1,5 square meter  | 1   | SM   |      |     |
| <b><u>PAINTING AND DECORATION</u></b>  |   |     |      |      |     |
| <b><u>ONE UNDERCOAT TWO COATS OIL PAINTFULL GLOSS FINISH TO CROWN PAINTS OR EQUAL AND APPROVED</u></b> |   |     |      |      |     |
| D  | Metal window surfaces over 300mm girth internal   | 1   | SM   |      |     |
| E  | Ditto over 300mm girth external   | 1   | SM   |      |     |
| F  | Concrete surfaces 200-300mm girth external  | 6   | LM   |      |     |
| G  | Ditto but timber surfaces   | 6   | LM   |      |     |

PROPOSED CONSTRUCTION OF 3 DOOR PIT LATRINE AND URINAL BLOCK FOR  
 SUBURBAN HEALTH CENTRE IN WEST BOKOT

|   |  |  |  |  |  |
|---|--|--|--|--|--|
|   |  |  |  |  |  |
| <b>TOTAL FOR WINDOWS CARRIED TO SUMMARY</b> |  |  |  |  |  |

PL/ 8

| ITEM                         | DESCRIPTION  | QTY | UNIT | RATE | SHS |
|------------------------------|--|-----|------|------|-----|
|                              | <b><u>DOORS</u></b>  |     |      |      |     |
|                              | <b><u>JOINERY</u></b>  |     |      |      |     |
|                              | <b><u>FRAMES WROT MAHOGAMY</u></b>   |     |      |      |     |
| A                            | 150X50mm rebated frame once laboured   | 22  | LM   |      |     |
| B                            | 150X50mm timber frame once laboured  | 21  | LM   |      |     |
| C                            | Ditto quadrant   | 20  | LM   |      |     |
| D                            | 45x24mm Architraves  | 20  | LM   |      |     |
|                              | <b><u>MARCH BOARDED DOOR</u></b>   |     |      |      |     |
| E                            | Single solid core door 45mm thick ,900x2400mm high, 6mm mahogany veneer facing both sides, hardwood lipping on all exposed edges with fanlight | 4   | NO   |      |     |
| F                            | 225 x 25 x3mm thick door fixing cramps one end bent and twice screwed to frame and the other end fanged and built in to blockwork              | 12  | NO   |      |     |
|                              | <b><u>IRONMONGERY</u></b>  |     |      |      |     |
|                              | Supply and fix the following;  |     |      |      |     |
| G                            | Steel butt hinges 100mm  | 6   | PRS  |      |     |
| H                            | Mild steel door fixing dowel 200mm long  | 4   | NO   |      |     |
| I                            | Door stops NO 8400   | 4   | NO   |      |     |
| J                            | 2-lever 'union' mortice lock catalogue NO. 2237 complete with set lever handle furniture   | 4   | NO   |      |     |
|                              | <b><u>ONE UNDERCAT TWO COATS OIL PAINTFULL GLOSS TO CROWN PAINTS OR EQUALAND APPROVED</u></b>  |     |      |      |     |
| K                            | Wood surfaces over 300mm girth external / internal   | 15  | SM   |      |     |
| <b>Carried to collection</b> |  |     |      |      |     |

PL/ 9

| ITEM  | DESCRIPTION                            | QTY | UNIT | RATE | SHS |
|-------|--|-----|------|------|-----|
| A     | Wood surfaces 200-300mm girth external | 22  | LM   |      |     |
| B     | Ditto 0-100mm girth                    | 22  | LM   |      |     |
| KDS/1 |  |     |      |      |     |

|                                       |  |  |  |  |  |
|---------------------------------------|--|--|--|--|--|
| <b>Carried to collection</b>          |  |  |  |  |  |
| <b><u>COLLECTION</u></b>              |  |  |  |  |  |
| Brought forward from PL / 5           |  |  |  |  |  |
| From above                            |  |  |  |  |  |
| <b>TOTAL DOORS CARRIED TO SUMMARY</b> |  |  |  |  |  |
| PL/ 10                                |  |  |  |  |  |

| ITEM  | DESCRIPTION   | QTY | UNIT | RATE | SHS |
|---|---|-----|------|------|-----|
| <b><u>FINISHES</u></b>  |   |     |      |      |     |
| <b><u>FLOOR,WALL AND CEILING FINISHES</u></b>   |   |     |      |      |     |
| A   | 15mm thick cement sand (1:4) m/s  | 21  | SM   |      |     |
| B   | Ditto sand screed skirting  | 17  | LM   |      |     |
| <b><u>WALLS</u></b>   |   |     |      |      |     |
| C   | 12mm thick ,2NO. Coat work plaster 1:2:6: to concrete or block work base (m/s) generally,walls internal steel trowelled | 59  | SM   |      |     |
| D   | Ditto to the external wall surface as described   | 32  | SM   |      |     |
| E   | 15mm thick 2 NO coatwork cement sand (1:4) render to concrete or blockwork base externally                              | 9   | SM   |      |     |
| <b><u>PAINTING AND DECORATION</u></b>   |   |     |      |      |     |
| <b><u>THREE COATS PVA BASED EMULSION PAINT TO CROWN PAINTS OR WQUAL AND APPROVED</u></b>              |   |     |      |      |     |
| F   | Rendered wall surfaces  | 9   | SM   |      |     |
| G   | Ditto timber surfaces internal  | 22  | SM   |      |     |
| <b><u>PAINTING AND DECORATING</u></b>   |   |     |      |      |     |
| <b><u>ONE UNDERCOAT,TWO COATS OIL PAINTFULL GLOSS FINISH TO CROWN PAINT OR EQUAL AND APPROVED</u></b> |   |     |      |      |     |
| H   | Plastered wall surfaces over 300mm girth internal   | 91  | SM   |      |     |
| I   | Ditto surfaces 100-200mm girth external   | 26  | LM   |      |     |
| <b>TOTAL FINISHES CARRIED TO SUMMARY</b>  |   |     |      |      |     |



BILL NO.1 : CONTRACT

PL/ 11

| ITEM | DESCRIPTION                                   | QTY | UNIT | RATE | SHS |
|------|---|-----|------|------|-----|
|      | <b><u>SUMMARY</u></b>                         |     |      |      |     |
|      | SUBSTRUCTURES FROM PAGE PL /4                 |     |      |      |     |
|      | REINFORCEMENT AND WALLING FROM PL /6          |     |      |      |     |
|      | ROOFING FROM PAGE PL /7                       |     |      |      |     |
|      | WINDOWS FROM PAGE PL /8                       |     |      |      |     |
|      | DOORS FROM PAGE PL/10                         |     |      |      |     |
|      | FINISHES FROM PAGE PL/11                      |     |      |      |     |
|      | <b>TOTAL FOR PIT LATRINE BLOCK TO SUMMARY</b> |     |      |      |     |

SPL/12

**ELECTRICAL WORKS**

| <b>Item No.</b>                       | <b>Description</b>  | <b>Qty</b> | <b>Unit</b> | <b>Rate (KES)</b> | <b>Amount in (KES)</b> |
|---------------------------------------|---|------------|-------------|-------------------|------------------------|
| 1                                     | Discrepancies as clause 1.02  | 1          | LOT         |                   |                        |
| 2                                     | Conditions of Contract Agreement as clause 1.03   | 1          | LOT         |                   |                        |
| 3                                     | Payments as clause 1.04   | 1          | LOT         |                   |                        |
| 4                                     | Site location as clause 1.06  | 1          | LOT         |                   |                        |
| 5                                     | Scope of Contract Works as clause 1.08  | 1          | LOT         |                   |                        |
| 6                                     | Extent of the Contractor's Duties as clause 1.09  | 1          | LOT         |                   |                        |
| 7                                     | Firm price as contract clause 1.12  | 1          | LOT         |                   |                        |
| 8                                     | Variation as clause 1.13  | 1          | LOT         |                   |                        |
| 9                                     | Prime Cost and Provisional Sum as clause 3.14<br>(insert profit and attendance which is a percentage of expended Prime Cost or Provisional Sum) | 1          | LOT         |                   |                        |
| 10                                    | Provision of Performance Bond as clause 1.15  | 1          | LOT         |                   |                        |
| 11                                    | Government Legislation and Regulations as clause 1.16   | 1          | LOT         |                   |                        |
| 12                                    | Import Duty and Value Added Tax as clause 1.17 (Note this clause applies for materials supplied only)   | 1          | LOT         |                   |                        |
| 13                                    | Insurance company Fees as clause 1.18   | 1          | LOT         |                   |                        |
| <b>SUB-TOTAL CARRIED TO PAGE CP/4</b> |   |            |             |                   |                        |

BILL NO.1 : CONTRACT

| Item No. | Description | Qty | Unit | Rate (KES) | Amount in (KES) |
|----------|-------------|-----|------|------------|-----------------|
|          |             |     |      |            |                 |

|                                       |  |            |             |                   |                        |
|---------------------------------------|--|------------|-------------|-------------------|------------------------|
| 14                                    | Provision of services by the Main contractor as clause 1.19  | 1          | LOT         |                   |                        |
| 15                                    | Samples and Materials Generally as clause 1.21   | 1          | LOT         |                   |                        |
| 16                                    | Supplies as clause 1.20  | 1          | LOT         |                   |                        |
| 17                                    | Bills of Quantities as clause 1.23   | 1          | LOT         |                   |                        |
| 18                                    | Contractor's Office in Kenya as clause 1.24  | 1          | LOT         |                   |                        |
| 19                                    | Builder's Work as clause 1.25  | 1          | LOT         |                   |                        |
| 20                                    | Setting to work and Regulating system as clause 1.29   | 1          | LOT         |                   |                        |
| 21                                    | Identification of plant components as clause 1.30  | 1          | LOT         |                   |                        |
| 22                                    | Allow for Preparation, Production and Distribution of at least 4No. Working Drawings as clause 1.32  | 1          | LOT         | 15,000            | 15,000                 |
| 23                                    | Allow for Preparation, Production and Distribution of at least 4No. Record Drawings (As Installed) and any necessary Instructions as clause 1.33 | 1          | LOT         | 5,000             | 5,000                  |
| 24                                    | Provide Maintenance Manual as clause 1.34  | 1          | LOT         |                   |                        |
| 25                                    | Hand over as clause 1.35   | 1          | LOT         |                   |                        |
| 26                                    | Painting as clause 1.36  | 1          | LOT         |                   |                        |
| <b>SUB-TOTAL CARRIED TO PAGE CP/4</b> |  |            |             |                   |                        |
| <b>Item No.</b>                       | <b>Description</b>   | <b>Qty</b> | <b>Unit</b> | <b>Rate (KES)</b> | <b>Amount in (KES)</b> |
| 27                                    | Allow for Testing and Inspection – manufactured plant as clause 1.38   | 1          | LOT         |                   |                        |

BILL NO.1 : CONTRACT

|                                       |   |            |             |                   |                        |
|---------------------------------------|---|------------|-------------|-------------------|------------------------|
| 28                                    | Allow for Testing and Inspection –<br>Installation as clause 3.39   | 1          | LOT         | 5,000             | 5,000                  |
| 29                                    | Allow for Storage of Materials as clause 1.41   | 1          | LOT         | 5,000             | 5,000                  |
| 30                                    | Allow for Initial Maintenance of any electrical<br>and solar components as clause 1.42  | 1          | LOT         | 5,000             | 5,000                  |
| 31                                    | Local and other Authorities notices and fees<br>as clause 1.60  | 1          | LOT         |                   |                        |
| 32                                    | Temporary Works as clause 1.63  | 1          | LOT         |                   |                        |
| 33                                    | Patent Rights as clause 1.64  | 1          | LOT         |                   |                        |
| 34                                    | Allow for Mobilization and Demobilization as<br>Clause 1.65   | 1          | LOT         |                   |                        |
| 35                                    | Allow for Supervision by engineer and site<br>meetings to be expended from Project<br>Management Monies as clause 1.67  | 1          | LOT         |                   |                        |
| 36                                    | Allow for Profit and Attendance for the above<br>(item 35)  | 1          | LOT         |                   |                        |
| 37                                    | Amendment to Scope of Contract Works<br>as Clause 1.68  | 1          | LOT         |                   |                        |
| 38                                    | Contractor Obligation and Employers Obligation<br>as clause 1.69  | 1          | LOT         |                   |                        |
| <b>SUB-TOTAL CARRIED TO PAGE CP/4</b> |   |            |             |                   |                        |
| <b>Item No.</b>                       | <b>Description</b>  | <b>Qty</b> | <b>Unit</b> | <b>Rate (KES)</b> | <b>Amount in (KES)</b> |
| 39                                    | Provide warranty documents for all electrical<br>materials that require regular maintenance.<br>Warranty period shoule be at least 12 months<br>for any solar equipment supplied and installed. | 1          | LOT         | 5,000             | 5000                   |
| 39                                    | Allow for NEMA (National Environmental  |            |             |                   |                        |

|    |   |   |     |        |       |
|----|---|---|-----|--------|-------|
|    | Management Authority) fee charges and preparation of a report (where necessary) for the project. (Fee of 0.01% of the contract sum is charged)  | 1 | LOT |        |       |
| 40 | The contractor may be required to register the project with NCA (National Construction Authority) therefore should be prepared to provide all requirements as per the NCA act.<br><b>(Please take note)</b> | 1 | LOT |        |       |
| 41 | Allow for Project Preliminary Contingencies to be omitted or expended in whole or part at the discretion of the Project Engineer.   | 1 | LOT | 50,000 | 50000 |
| 42 | Any other item necessary to complete the installations in this section (please state)<br>(i)<br>(ii)<br>(iii)   |   |     |        |       |
|    | Sub-Total from above  |   |     |        |       |
|    | Sub-Total brought forward from Page CP/1  |   |     |        |       |
|    | Sub-Total brought forward from Page CP/2  |   |     |        |       |
|    | Sub-Total brought forward from Page CP/3  |   |     |        |       |
|    | <b>TOTAL FOR CONTRACT PRELIMINARIES</b>   |   |     |        |       |
|    | <b>CARRIED FORWARD TO GRAND SUMMARY PAGE</b>  |   |     |        |       |

PROPOSED ELECTRICAL WORKS TO FEMALE WARD AT SURUMBEN - MASOL INTEGRATED  
PROJECTS.WEST POKOT COUNTY.

| ITEM NO.   | DESCRIPTION  | QTY          | UNIT              | RATE | AMOUNT (KSh.) |
|--|--|--------------|-------------------|------|---------------|
| <b><u>BILL NO.2: FEMALE WARD</u></b>                       |  |              |                   |      |               |
| <b>Supply, install, test and commission the following;</b> |  |              |                   |      |               |
| <b>A</b>   | <b>LIGHTING POINTS</b><br>Lighting points wired in 3x1.5mm <sup>2</sup> single core copper cables drawn in 20mm dia. H/G PVC concealed conduits including all conduit accessories for:-<br>(i) one way switching.<br>(ii) two way switching.   | 23<br>18     | No.<br>No.        |      |               |
| <b>B</b>   | <b>LIGHT FITTINGS COMPLETE WITH LAMPS/BULBS:-</b><br>(i) 1200mm, 1x36watts bare batten flourescent as T&J or equal and approved (LED TYPE)<br>(ii) 50W LED fitting as T& J or equal and approved<br>(iii) 100W LED fitting as T& J or equal and approved   | 24<br>4<br>4 | No.<br>No.<br>No. |      |               |
| <b>C</b>   | <b>MOULDED SWITCHES AS MK / T&amp;J RANGE :</b><br>(i) 5A one gang one way.<br>(ii) 5A one gang two way.<br>(iii) 10A Photocell  | 5<br>4<br>1  | No.<br>No.<br>No. |      |               |
| <b>D</b>   | <b>13A POWER POINTS:</b><br>(i) 13A ring power points wired in 3x2.5mm <sup>2</sup> single core copper cables drawn in 25mm dia. H/G PVC concealed conduits and including all conduit accessories.<br>(ii) 13A ring power points wired in 3x4.0mm <sup>2</sup> single core copper cables drawn partly in 25mm dia. H/G PVC concealed conduits and including all conduit accessories. | 19<br>1      | No.<br>No.        |      |               |
| <b>E</b>   | <b>MOULDED SOCKET OUTLET AS MK / T&amp;J RANGE:-</b><br>(i) 13A two gang switched.<br>(iii) 20A DP switched with neon indicator lamp   | 19<br>1      | No.<br>No.        |      |               |
| <b>SUB TOTAL CARRIED FORWARD TO PAGE EFW/4</b>             |  |              |                   |      |               |
| ITEM NO.   | DESCRIPTION  | QTY          | UNIT              | RATE | AMOUNT (KSh.) |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  | <b>Supply, install, test and commission the following;</b> |  |  |  |  |
|--|--|--|--|--|--|



**PROPOSED ELECTRICAL WORKS TO FEMALE WARD AT SURUMBEN - MASOL INTEGRATED PROJECTS, WEST POKOT COUNTY.**

|  |   |             |                   |             |                      |
|--|---|-------------|-------------------|-------------|----------------------|
| <b>F</b>                                       | <b>TELEPHONE / DATA POINTS:</b><br>Telephone/Data points comprising in 25mm dia. HG PVC conduit including all conduit accessories plus draw wire.<br>(i) RJ45 single dual telephone/data outlet plate.<br>(ii) 16SWG (200x150x100)mm <sup>3</sup> galvanised steel draw box   | 2<br>2<br>1 | No.<br>No.<br>No. |             |                      |
| <b>G</b>                                       | <b>CCTV SYSTEM</b><br>CCTV outlet points comprising concealed 25mm dia H/G PVC conduits including conduit accessories plus draw wire  | 2           | No.               |             |                      |
| <b>H</b>                                       | <b>BEDHEAD POINTS &amp; Unit</b><br>Bedhead points wired in 3x2.5mm <sup>2</sup> single core copper cables drawn in 20mm dia. H/G PVC concealed conduits including all conduit accessories.<br>i) Bedhead unit comprising a 2 ft LED fluorescent type Phillips or equal and approved, 13A socket outlet and provision of nurse call point to be connected to an adaptor box at the nursing station.<br>(Nurse call points wiring and fittings will be installed by others.) | 22<br>22    | No.<br>No.        |             |                      |
| <b>I</b>                                       | <b>HAND DRIERS</b><br>13A radial power points wired in 3x4.0mm <sup>2</sup> single core copper cables drawn partly in 25mm dia. H/G PVC concealed conduits and including all conduit accessories.<br>(i) 20A DP moulded switch with neon indicator lamp as MK/T&J or equal and approved.  | 5<br>5      | No.<br>No.        |             |                      |
| <b>J</b>                                       | <b>FIRE ALARM SYSTEM</b><br>Fire alarm points wired in 3x2.5mm <sup>2</sup> heat resistant single core pvc copper cables drawn in concealed 20mm dia. H/G PVC conduit including all accessories.<br>(i) 240V AC mains fire alarm bell with 150mm gong as MENVIER or equal and approved.   | 6<br>3      | No.<br>No.        |             |                      |
| <b>SUB TOTAL CARRIED FORWARD TO PAGE EFW/4</b> |   |             |                   |             |                      |
| <b>ITEM NO.</b>                                | <b>DESCRIPTION</b>  | <b>QTY</b>  | <b>UNIT</b>       | <b>RATE</b> | <b>AMOUNT (KSh.)</b> |
|  | <b>Supply, install, test and commission the following;</b><br><br>(ii) Fire break glass manual call point unit as MENVIER or equal and approved.  | 3           | No.               |             |                      |
| <b>K</b>                                       | <b>TV POINTS</b>  |             |                   |             |                      |

|   |   |                     |                          |             |                      |
|---|---|---------------------|--------------------------|-------------|----------------------|
|   | TV outlet points comprising concealed 25mm dia.H/G PVC conduits including accessories plus outlet plate.  | 6                   | No.                      |             |                      |
| <b>L</b>  | <b>DISTRIBUTION BOARDS</b><br>100A Six way TPN Distribution Board as Hagar or equal and approved.   | 1                   | No.                      |             |                      |
| <b>M</b>  | MCBs of the same make as item No. L above:-<br>(i) 6A SP.<br>(ii) 20A SP.<br>(iii) 32A SP<br>(iv) Blanked spare ways  | 4<br>5<br>5<br>4    | No.<br>No.<br>No.<br>No. |             |                      |
| <b>N</b>  | <b>CABLE LOOPING BOX (CLB)</b><br>Standard CLB to MOPW/Engineer's approvals with 125A 15KVA TP MCCB as Schenider range or equal and approved.   | 1                   | No.                      |             |                      |
| <b>O</b>  | <b>DISTRIBUTION CABLES AS EAST AFRICA (E.A) GRADE 1:</b><br>Allow for installation of LV Power cables complete with glands, lugs and sleeves for;<br>(i) 5x16mm <sup>2</sup> single core copper cables drawn in 38mm dia. H/G PVC conduit from cable loop-in box to distribution Board Unit.<br>(ii) 25mm <sup>2</sup> /4C PVC SWA PVC cable including cable glands laid underground from power house, existing Cable looping box to new cable looping box (CLB).<br>(iii) Trenching, laying continuously Hatari tiles and backfilling for item No. (ii) above.<br>(iv) Allow for termination of item (i) above | 15<br>30<br>30<br>2 | M<br>M<br>M<br>Item      |             |                      |
| <b>SUB TOTAL CARRIED FORWARD TO PAGE EFWF/4</b> |   |                     |                          |             |                      |
| <b>ITEM NO.</b>                                 | <b>DESCRIPTION</b>  | <b>QTY</b>          | <b>UNIT</b>              | <b>RATE</b> | <b>AMOUNT (KSh.)</b> |
| <b>P</b>  | <b>Supply, install, test and commission the following;</b><br><b>EARTHING.</b><br>Earthing system comprising 1500mm long,copper earth rod complete with clamp, 16mm <sup>2</sup> earth lead and accessible manhole all to approval.   | 1                   | Item                     |             |                      |
|   | Sub- Total from above   |                     |                          |             |                      |

**PROPOSED ELECTRICAL WORKS TO STAFF HOUSES TO SURUMBEN - MASOL  
INTEGRATED, WESTPOKOT COUNTY.**

Sub- Total brought forward from page EFWW/1

Sub- Total brought forward from page EFWW/2

Sub- Total brought forward from page EFWW/3

**TOTAL FOR FEMALE WARD AT SURUMBEN - MASOL  
INTEGRATED PROJECTS C/F TO SUMMARY PAGE**



| ITEM NO.   | DESCRIPTION   | QTY         | UNIT              | RATE | AMOUNT (KSh.) |
|--|---|-------------|-------------------|------|---------------|
| <b>BILL NO.3: STAFF HOUSES</b>                             |   |             |                   |      |               |
| <b>Supply, install, test and commission the following;</b> |   |             |                   |      |               |
| <b>A</b>   | <b>LIGHTING POINTS</b><br>Lighting points wired in 3x1.5mm <sup>2</sup> single core copper cables drawn in 20mm dia. H/G PVC concealed conduits including all conduit accessories for;<br>(i) One way switching                         | 16          | No.               |      |               |
| <b>B</b>   | <b>LIGHT FITTINGS COMPLETE WITH ENERGY SAVER BULBS/LAMPS AS PHILLIPS EQUAL AND APPROVED:-</b><br>(i) 100w, Pendant fittings<br>(ii) 100w, Screwneck ball fittings<br>(iii) 30w LED floodlights  | 8<br>2<br>6 | No.<br>No.<br>No. |      |               |
| <b>C</b>   | <b>MOULDED SWITCHES AS MK EQUAL AND APPROVED:-</b><br>(i) One gang one way switch<br>(ii) Two gang one way switch   | 8<br>2      | No.<br>No.        |      |               |
| <b>D</b>   | <b>POWER POINTS</b><br>Power point wired in 3x2.5mm <sup>2</sup> single core copper cables drawn in 20mm dia. H/G PVC concealed conduits including all conduit accessories for;   | 10          | No.               |      |               |
| <b>E</b>   | <b>MOULDED SOCKET OUTLETS AS MK OR EQUAL AND APPROVED</b><br>(i) Two gang switched  | 10          | No.               |      |               |
| <b>F</b>   | <b>COOKER POINT &amp; UNIT</b><br>45A cooker point wired in 3x6mm <sup>2</sup> single copper cables drawn in 25mm dia. H/G PVC conduit including all conduit accessories<br>(i) 45A DP cooker control unit as MEM or equal and approved | 2<br>2      | No.<br>No.        |      |               |
| <b>SUB-TOTAL CARRIED FORWARD TO PAGE EWSH/2</b>            |   |             |                   |      |               |
| ITEM NO.   | DESCRIPTION   | QTY         | UNIT              | RATE | AMOUNT (KSh.) |

PROPOSED ELECTRICAL WORKS TO STAFF HOUSES TO SURUMBEN - MASOL  
INTEGRATED, WESTPOKOT COUNTY.

|  |  |  |  |  |
|--|--|--|--|--|
| <b>Supply, install, test and commission the following;</b> |  |  |  |  |
|--|--|--|--|--|

|                 |  |            |             |             |                      |
|-----------------|--|------------|-------------|-------------|----------------------|
|                 | (ii) Cooker connector  | 2          | No.         |             |                      |
| <b>G</b>        | <b>WATER HEATER POINT</b><br>20A DP water heater radially wired in 3x4mm <sup>2</sup> single core copper cables drawn in 20mm H/G PVC conduit including all conduit accessories.   | 2          | No.         |             |                      |
|                 | (i) 20A DP switch with neon indicator light as T&J or equal and approved.  | 2          | No.         |             |                      |
| <b>H</b>        | <b>CONSUMER UNIT AS HAVELLS OR EQUAL AND APPROVED.</b>   |            |             |             |                      |
|                 | (i) 100A SPN 6 way   | 2          | No.         |             |                      |
| <b>I</b>        | MCBs for item No. H above;   |            |             |             |                      |
|                 | (i) 6A SP  | 4          | No.         |             |                      |
|                 | (ii) 20A SP  | 2          | No.         |             |                      |
|                 | (iii) 32A SP   | 4          | No.         |             |                      |
|                 | (iv) Blanked ways  | 2          | No.         |             |                      |
| <b>J</b>        | <b>SUB-MAINS AS EAST AFRICA CABLES OR EQUAL AND APPROVED.</b>  |            |             |             |                      |
|                 | (I) 3x10mm <sup>2</sup> single core copper cables drawn in 32mm dia. H/G PVC concealed conduit from Meter Box to Consumer Units.   | 30         | No.         |             |                      |
| <b>K</b>        | <b>METERING</b><br>14 SWG weather proof meter box capable of accommodating 2No. Single Phase active power digital meter, 2No.100A MCBs, Kenya Power Cut outs including meter tails, fuses and/or connectors.                   | 2          | No.         |             |                      |
|                 | <b>SUB-TOTAL CARRIED FORWARD TO PAGE EWSH/2</b>  |            |             |             |                      |
| <b>ITEM NO.</b> | <b>DESCRIPTION</b>   | <b>QTY</b> | <b>UNIT</b> | <b>RATE</b> | <b>AMOUNT (KSh.)</b> |
| <b>L</b>        | <b>EARTHING</b><br>Supply, install, test and commission the following;<br>Earthing system comprising 1500mm long copper earth rod complete with clamps,10mm <sup>2</sup> earth lead and accessible manhole all to MOW approval | 1          | No.         |             |                      |

**PROPOSED ELECTRICAL SOLAR SYSTEM REQUIREMENT TO SURUMBEN - MASOL INTEGRATED  
PROJECTS, WEST POKOT COUNTY**

|  |  |  |  |  |
|--|--|--|--|--|
| Sub Total from above                                     |  |  |  |  |
| Sub Total brought forward from Page EWSH/1               |  |  |  |  |
| Sub Total brought forward from Page EWSH/2               |  |  |  |  |
| Sub Total for 1No. Twin Staff House                      |  |  |  |  |
|  |  |  |  |  |
| <b>TOTAL ELECTRICAL WORKS FOR 2NO. TWIN STAFF HOUSES</b> |  |  |  |  |



| S/NO.                              | ITEM  | DESCRIPTION         | QTY  | RATE | AMOUNT (KSh.) |
|------------------------------------|---|---------------------|------|------|---------------|
| <b>BILL NO.4: SOLAR SYSTEM</b>     |   |                     |      |      |               |
| 1                                  | SOLAR PANELS  | 270 WATTS ;12 VOLTS | 24   |      |               |
| 2                                  | DEEP CYCLE SOLAR BATTERIES  | 200 AH, 12 VOLTS    | 16   |      |               |
| 3                                  | SOLAR CHARGE CONTROLLER   | 3000W               | 1    |      |               |
| 4                                  | SOLAR INVERTER  | 5,000 W             | 1    |      |               |
| 5                                  | ACCESSORIES<br>(I) BATTERY RACK<br>(II) SOLAR PANEL MOUNTING STRUCTURE<br>(III) BATTERY/INVERTER FUSES<br>(IV) SINGLES SOLAR CABLES<br>(V) DOUBLE POLE<br>(VI) MINITRUNKING (PIECES)<br>(VII)TOWER CLIPS PACKETS<br>(VIII) IINSULATION TAPES<br>(IX) ASSORTED BOLTS, NUTS & FASTENERS<br>(X) OTHER MISCELLANEOUS ELECTRICAL ACCESSORIES (LIST THEM)<br>(XI)<br>(XII)<br>(XIII)<br>(XIV)<br>(XV) |                     |      |      |               |
| 5                                  | LIGHTNING ARRESTOR - HEAD   | ITEM                | ITEM | 2    |               |
| 6                                  | COPPER STRIP/PLATE  | ITEM                |      | 20   |               |
| 7                                  | EARTH ROD   | ITEM                |      | 2    |               |
| <b>SUB TOTAL C/F TO PAGE EWS/2</b> |   |                     |      |      |               |
| S/NO.                              | ITEM  | DESCRIPTION         | QTY  | RATE | AMOUNT (KSh.) |



**PROPOSED ELECTRICAL SOLAR SYSTEM REQUIREMENT TO SURUMBEN - MASOL INTEGRATED  
PROJECTS, WEST POKOT COUNTY**

|  |                                  |  |  |  |  |
|--|----------------------------------|--|--|--|--|
|  |                                  |  |  |  |  |
|  | <b>SUB TOTAL BROUGHT FORWARD</b> |  |  |  |  |

|    | FROM PAGE EWS/2  |      |      |  |  |
|----|--|------|------|--|--|
| 8  | LIGHTNING ARRESTOR - CLIPS                                   | ITEM | 20   |  |  |
| 9  | EARTH ASSEMBLY   | ITEM | 2    |  |  |
| 10 | TRANSPORTATION & LOGISTICS                                   | ITEM | 1    |  |  |
| 11 | INSTALLATION & COMMISSIONING<br>(DAYS)                       | ITEM | ITEM |  |  |
|    | <b>TOTAL FOR SOLAR SYSTEMS WORKS<br/>C/F TO SUMMARY PAGE</b> |      |      |  |  |

**Note:**

- 1 The design comprise of one intergrated system for the internal lights,security lights,power layout points and several small sized medical equipment for the female ward.

SURUMBEN PRELIMINARY

PRIME COST AND PROVISIONAL SUMS TO MASOL INTEGRATED PROJECTS - SURUMBEN ASSOCIATED  
WORKS IN WEST POKOT COUNTY.

| ITEM NO. | DESCRIPTION  | QTY | UNIT | RATE | AMOUNT<br>(KSh.) |
|----------|--|-----|------|------|------------------|
| <b>A</b> | <p><b><u>BILL NO.5: PRIME COST AND PROVISIONAL SUMS</u></b></p> <p>Allow a Provisional Sum of Kenya Shillings One Hundred Thousand (KSh. 100,000) only for Contingencies to be used in part, whole or omitted at the discretion of the Project Engineer.</p> |     |      | Sum  | 100,000          |



|  |  |  |  |  |                |
|--|--|--|--|--|----------------|
|  | <b>TOTAL FOR PRIME COST &amp; PROVISIONAL SUMS<br/>CARRIED FORWARD TO SUMMARY PAGE</b> |  |  |  | <b>100,000</b> |
|--|--|--|--|--|----------------|

P.C AND PROVISIONAL SUMS

PCPS/1

FY2023/2024

# PROPOSED ELECTRICAL WORKS SUMMARY TO SURUMBEN - MASOL INTERGRATED PROJECTS, WEST POKOT COUNTY.

**GRAND SUMMARY**

| ITEM NO. | DESCRIPTION                                    | PAGE No. | For Official use only | For Tenderer's use only |
|----------|--|----------|-----------------------|-------------------------|
| <b>A</b> | Bill No.1: Preliminary                         | EW/3     |                       |                         |
| <b>B</b> | Bill No.2: Female Ward                         | EWF/4    |                       |                         |
| <b>C</b> | Bill No.3: Staff Houses                        | EWSH/3   |                       |                         |
| <b>D</b> | Bill No.4: Solar System                        | EWS/2    |                       |                         |
| <b>E</b> | Bill No.5: Prime Cost &<br>Provisional Sums    | PCPS/1   | 100,000               |                         |
|          | Sub-Total                                      |          |                       |                         |
|          | Add 16% VAT                                    |          |                       |                         |
|          | <b>TOTAL CARRIED TO GRAND SUMMARY PAGE:KSH</b> |          |                       |                         |

Amount in words:Kenya Shillings.....

.....  
Tenderer's Signature.....

Address.....

Date.....

Witness Name & Signature.....

.....

Address.....

Date.....

# **ELECTRICAL WORKS FY2023/2024**

SURUMBEN PRELIMINARY

**MECHANICAL WORKS**

| Item No. | Description   | Qty | Unit | Rate (KES) | Amount in (KES) |
|----------|---|-----|------|------------|-----------------|
| 1        | Discrepancies as clause 1.02  | 1   | LOT  | -          | -               |
| 2        | Conditions of Contract Agreement as clause 1.03   | 1   | LOT  | -          | -               |
| 3        | Payments as clause 1.04   | 1   | LOT  | -          | -               |
| 4        | Site location as clause 1.06  | 1   | LOT  | -          | -               |
| 5        | Scope of Contract Works as clause 1.08  | 1   | LOT  | -          | -               |
| 6        | Extent of the Contractor's Duties as clause 1.09  | 1   | LOT  | -          | -               |
| 7        | Firm price as contract clause 1.12  | 1   | LOT  | -          | -               |
| 8        | Variation as clause 1.13  | 1   | LOT  | -          | -               |
| 9        | Prime Cost and Provisional Sum as clause 3.14<br>(insert profit and attendance which is a percentage of expended Prime Cost or Provisional Sum) | 1   | LOT  | 10,000     | 10,000          |
| 10       | Provision of Performance Bond as clause 1.15  | 1   | LOT  | -          | -               |
| 11       | Government Legislation and Regulations as clause 1.16   | 1   | LOT  | -          | -               |
| 12       | Import Duty and Value Added Tax as clause 1.17 (Note this clause applies for materials supplied only)   | 1   | LOT  | -          | -               |

|  |                                       |   |     |   |        |
|--|---------------------------------------|---|-----|---|--------|
| 13                                     | Insurance company Fees as clause 1.18 | 1 | LOT | - | -      |
| <b>SUB-TOTAL CARRIED TO PAGE G - 4</b> |                                       |   |     |   | 10,000 |

| Item No. | Description | Qty | Unit | Rate (KES) | Amount in (KES) |
|----------|-------------|-----|------|------------|-----------------|
|----------|-------------|-----|------|------------|-----------------|

|    |   |   |     |   |   |
|----|---|---|-----|---|---|
| 14 | Provision of services by the Main contractor as clause 1.19 | 1 | LOT | - | - |
|----|---|---|-----|---|---|

|    |  |   |     |       |       |
|----|--|---|-----|-------|-------|
| 15 | Samples and Materials Generally as clause 1.21   | 1 | LOT | -     | -     |
| 16 | Supplies as clause 1.20  | 1 | LOT | -     | -     |
| 17 | Bills of Quantities as clause 1.23   | 1 | LOT | -     | -     |
| 18 | Contractor's Office in Kenya as clause 1.24  | 1 | LOT | -     | -     |
| 19 | Builder's Work as clause 1.25  | 1 | LOT | -     | -     |
| 20 | Setting to work and Regulating system as clause 1.29   | 1 | LOT | -     | -     |
| 21 | Identification of plant components as clause 1.30  | 1 | LOT | -     | -     |
| 22 | Allow for Preparation, Production and Distribution of at least 4No. Working Drawings as clause 1.32  | 1 | LOT | 5,000 | 5,000 |
| 23 | Allow for Preparation, Production and Distribution of at least 4No. Record Drawings (As Installed) and any necessary Instructions as clause 1.33 | 1 | LOT | 5,000 | 5,000 |



SURUMBEN PRELIMINARY

| 24                                     | Provide Maintenance Manual as clause 1.34  | 1   | LOT  | -          | -               |
|--|--|-----|------|------------|-----------------|
| 25                                     | Hand over as clause 1.35   | 1   | LOT  | -          | -               |
| 26                                     | Painting as clause 1.36  | 1   | LOT  | -          | -               |
| <b>SUB-TOTAL CARRIED TO PAGE G - 4</b> |  |     |      |            | 10,000          |
| Item No.                               | Description  | Qty | Unit | Rate (KES) | Amount in (KES) |
| 27                                     | Allow for Testing and Inspection – manufactured plant as clause 1.38   | 1   | LOT  | -          | -               |
| 28                                     | Allow for Testing and Inspection – Installation as clause 3.39   | 1   | LOT  | 5,000      | 5,000           |
| 29                                     | Allow for Storage of Materials as clause 1.41  | 1   | LOT  | 5,000      | 5,000           |
| 30                                     | Allow for Initial Maintenance of any Plumbing and Drainage and fire fighting Equipment components as clause 1.42 | 1   | LOT  | 12,000     | 12,000          |
| 31                                     | Local and other Authorities notices and fees as clause 1.60  | 1   | LOT  | -          | -               |
| 32                                     | Temporary Works as clause 1.63   | 1   | LOT  | -          | -               |
| 33                                     | Patent Rights as clause 1.64   | 1   | LOT  | -          | -               |
| 34                                     | Allow for Mobilization and Demobilization as Clause 1.65   | 1   | LOT  | -          | -               |
| 35                                     | Allow for Supervision by engineer and site meetings to be expended from Project Management Monies as clause 1.67 | 1   | LOT  | -          | -               |
| 36                                     | Allow for Profit and Attendance for the above (item 35)  | 1   | LOT  | -          | -               |
| 37                                     | Amendment to Scope of Contract Works as Clause 1.68  | 1   | LOT  | -          | -               |
| 38                                     | Contractor Obligation and Employers Obligation   |     |      |            |                 |

|  | as clause 1.69   | 1          | LOT         | -                 | -                      |
|--|--|------------|-------------|-------------------|------------------------|
| <b>SUB-TOTAL CARRIED TO PAGE G - 4</b> |  |            |             |                   | 22,000                 |
| <b>Item No.</b>                        | <b>Description</b>   | <b>Qty</b> | <b>Unit</b> | <b>Rate (KES)</b> | <b>Amount in (KES)</b> |
| 39                                     | Provide warranty documents for all Plumbing and Drainage materials that require regular maintenance. Warranty period should be at least 12 months for any fire Equipment supplied and installed. | 1          | LOT         | 10,000            | 10,000                 |
| 39                                     | Allow for NEMA (National Environmental Management Authority) fee charges and preparation of a report (where necessary) for the project. (Fee of 0.01% of the contract sum is charged)            | 1          | LOT         | -                 | -                      |
| 40                                     | The contractor may be required to register the project with NCA (National Construction Authority) therefore should be prepared to  |            |             |                   |                        |

PROPOSED MECHANICAL WORKS FOR SURUMBEN - MASOL INTEGRATED FEMALE WARDS

|    |   |   |     |        |               |
|----|---|---|-----|--------|---------------|
|    | provide all requirements as per the NCA act.<br><b>(Please take note)</b>   | 1 | LOT | -      | -             |
| 39 | Project Contingencies Sum to be Omitted or Expended in whole or part at the discretion of the Project Engineer.       | 1 | LOT | 30,000 | 30,000        |
| 40 | Any other item necessary to complete the installations in this section (please state)<br>(i)<br>(ii)<br>(iii)<br>(iv) |   |     |        |               |
|    | Sub-Total from above  |   |     |        | 40,000        |
|    | Sub-Total brought forward from Page G - 1   |   |     |        | 10,000        |
|    | Sub-Total brought forward from Page G - 2   |   |     |        | 10,000        |
|    | Sub-Total brought forward from Page G - 3   |   |     |        | 22,000        |
|    | <b>TOTAL FOR CONTRACT PRELIMINARIES<br/>CARRIED FORWARD TO GRAND SUMMARY PAGE</b>                                     |   |     |        | <b>82,000</b> |

**BILL NO. 1: SANITARY APPLIANCES**

| ITEM | DESCRIPTION OF ITEMS  | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|------|---|-----|------|------------|--------------|
|      | Supply, Install, test and commission the following sanitary appliances complete with all the accessories including all connections to the services, waste, jointing to water supply overflows, supports and all plugging and screwing to walls and floors.  |     |      |            |              |
| 1    | <b>Wash Basin - Pedestal (WHB)</b><br>Countertop wash hand basin size 635 x 500mm with one tap hole, 32mm diameter chrome plated chain waste, chain stay hole, chrome plated non- conclusive time delay press action pillar tap and heavy duty plastic bottle trap (32mm 'P' trap) with 75mm seal. All to be as time delay press action pillar tap and heavy duty plastic bottle trap (32mm 'P' trap) with 75mm seal. All to be as "Duravit" or equal and approved. | 4   | NO   |            |              |
| 2    | <b>Mirror</b><br>6mm thick polished plate glass silver backed mirror with beveled edges, size 600 x 300 mm, Plugged and screwed to wall with 6No. Chrome plated dome capped screws. The mirror shall rest against a layer of 5mm  | 5   | No.  |            |              |
| 3    | <b>Flexible Connector</b><br>450mm chrome plated flexible connector with chrome plated angle check valve size 15mm dia including unions and sockets to connect sanitary fittings to PP-R Pipework including all necessary joints to approval  | 6   | No   |            |              |
| 4    | <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. Allow for initial soap supply. To be as Starmix or approved equivalent.   | 3   | No.  |            |              |

PROPOSED MECHANICAL WORKS FOR SURUMBEN - MASOL INTEGRATED FEMALE WARDS

| Total Cost for Sanitary Appliances Carried Forward to Collection Page MW-3 |   |     |      |            |              |
|--|---|-----|------|------------|--------------|
| ITEM   | DESCRIPTION OF ITEMS  | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|  | Wash hand basin (WHB)-(Semi-Pedestal Installed over a Worktop ) |     |      |            |              |

| 1   | Wash hand basin size 650 x 500mm with one tap hole, 25mm diameter chrome plated chain waste, chain stay hole, chrome plated non-conculsive time delay press action pillar tap as Cobra model and heavy duty chrome plated bottle trap (32mm 'P' trap) with 75mm seal. To be of Duravit D-Code CAT No. 2310650000 washhand basin or equal and approved,with concreted worktop where the wall hand wash basin. | 1   | No   |            |              |
|---|--|-----|------|------------|--------------|
| <b>Total Cost for Sanitary Appliances Carried Forward to Collection Page MW-3</b> |  |     |      |            |              |
| ITEM  | DESCRIPTION OF ITEMS   | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
| <b><u>SANITARY APPLIANCES COLLECTION PAGE</u></b>                                 |  |     |      |            |              |
| <b>Total Cost for Sanitary Appliances Brought Forward from Page MW-1</b>          |  |     |      |            |              |
| <b>Total Cost for Sanitary Appliances Brought Forward from Page MW-2</b>          |  |     |      |            |              |

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|  |  |
|--|--|
| <b>Total Cost for Sanitary Appliances from above Carried Forward to Summary Page MW-12</b> |  |
|--|--|

**BILL NO. 2: INTERNAL PLUMBING**

| ITEM | DESCRIPTION OF ITEMS   | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|------|--|-----|------|------------|--------------|
|      | Supply and install tubing and fittings as described and shown on the drawings. Tenderers must allow for jointings, couplings etc necessary for the proper and satisfactory functioning of the system when pricing the following in PN 20 PPRC conforming to the current European standards for PPR installations and to the Engineer's approval, pipe jointing shall be by polyfusion or use of electric coupling<br><b>Rates must allow for all the Metal/plastic threaded adaptors where required for the connection of sanitary</b> |     |      |            |              |

|  | <b>fixtures, valves, sockets, sliding and fixed joints,</b><br>support raceways, isolating sheaths, elastic materials,<br>expansion arms and bends, crossovers etc   |     |      |               |                 |
|--|--|-----|------|---------------|-----------------|
|  | <b>PPR Pipes</b>   |     |      |               |                 |
| 1  | 25 mm dia pipe chased in walls/floors  | 160 | LM   |               |                 |
| 2  | 32mm -ditto-   | 100 | LM   |               |                 |
|  | <b>Extra-over PPR pipework for the following:-</b>   |     |      |               |                 |
|  | <b>Bends/elbows</b>  |     |      |               |                 |
| 3  | 25mm bend  | 20  | No.  |               |                 |
| 4  | 32mm bend  | 15  | No.  |               |                 |
|  | <b>Tees</b>  |     |      |               |                 |
| 5  | 25mm diameter equal tee  | 25  | No.  |               |                 |
| 6  | 32mm diameter equal tee  | 15  | No.  |               |                 |
|  | <b>Unions</b>  |     |      |               |                 |
| 7  | 25 mm diameter union   | 30  | No.  |               |                 |
| 8  | 32mm -ditto-   | 24  | No.  |               |                 |
|  | <b>Reducers</b>  |     |      |               |                 |
| 9  | 32/25mm reducers   | 8   | No.  |               |                 |
|  | <b>Gate valve</b>  |     |      |               |                 |
| 10   | 25 mm - "Pegler" gate valve  | 8   | No.  |               |                 |
| 11   | 32mm-ditto-  | 4   | No.  |               |                 |
|  | <b>Water Tap</b>   |     |      |               |                 |
| 12   | 25mm - Pillar Tap  | 14  | No.  |               |                 |
|  | <b>Excavations</b>   |     |      |               |                 |
| 13   | Excavate trench in hard soil/murram 600mm wide and<br>depth not exceeding 1000mm deep and average 750mm<br>deep, prepare bed with red soil/marram of particle size not<br>more than 20 mm to a depth of 750mm. Bed shall be<br>approved by Engineer before laying of pipes. Fill with same<br>material as above and compact in layers of 75 mm. Cart<br>away surplus soil. | 80  | Lm   |               |                 |
| <b>Total Cost for Internal Plumbing, Water Supply and Reticulation Carried Forward to<br/>Collection Page MW-8</b> |  |     |      |               |                 |
| ITEM   | DESCRIPTION OF ITEMS   | QTY | UNIT | RATE<br>(KSH) | AMOUNT<br>(Ksh) |
| 1  | <b>Water Storage Tank -Roof Tank</b><br>Supply, deliver and assemble a roof water tank, Plastic Water<br>tank of 1,000 Litres With platform made of wooden<br>material/ concreted to Structural Engineers details . As<br>ROTO or Any Equivalent The tank to come complete with<br>tank cover, mosquito proof inspection vent, internal stays,<br>jointing material etc.   | 1   | No   |               |                 |
|  | <b>Water Booster Pump</b>  |     |      |               |                 |



PROPOSED MECHANICAL WORKS FOR SURUMBEN - MASOL INTEGRATED FEMALE WARDS

| 2  | A Water Booster Pump capable of delivering 5.5m <sup>3</sup> /hr against 35 M head, power rating 0.55KW, single phase, 50HZ as Pedrollo model Top 2 or equal and approved complete with control panel, associated electrical works, protection against dry run, on/off neon lights, control/pump status display panel, audio alarm with manual silencer to indicate when the pump is faulty, float switch and all necessary controls. | 1   | No   |            |              |
|--|---|-----|------|------------|--------------|
| <b>Total Cost for Internal Plumbing, Water Supply and Reticulation Carried Forward to Collection Page MW-8</b> |   |     |      |            |              |
| ITEM   | DESCRIPTION OF ITEMS  | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
| 1  | <b>Ground Water Plastic Tank, Structural Platform and Tank Fittings</b><br>Provide the following connections to and Supply, deliver , install, test and commission 1 NO: 10,000 Litres Ground Plastic Water Tank over a masonry stand to Structural Engineers details. Connections to be in paddle flanges.The Plastic Tank to be as Roto or any equivalent.  | 1   | NO   |            |              |
| 3  | 32mm diameter medium pressure ball valve for fitting for  | 2   | No   |            |              |
| 4  | 32 mm diameter high pressure ball valve for fitting for the roof tank.  | 1   | No   |            |              |
| <b>Electrical Works</b>  |   |     |      |            |              |

|  |  |            |             |                   |                     |
|--|--|------------|-------------|-------------------|---------------------|
| 5  | Allow for electrical works wiring and fitting to all pumps, control panel and float switches, from isolator provided by others with 3 metres distance to Electrical Engineers details. | 1          | Item        | 16,500            | <b>16,500</b>       |
| <b>Ground Water Plastic Tank Structural Shed</b>       |  |            |             |                   |                     |
| 6  | 50 mm diameter G.I. pipe to work as poles which are supposed to support the Shed / Roof for the Ground Tanks to Structural Engineers details   | 32         | Lm          |                   |                     |
|  | Allow for ground tank foundation to support the 1 NO: Ground Plastic Tanks to Structural Engineers details.  | 1          | Item        | 20,000            | <b>20,000</b>       |
| <b>Total Carried Forward to Collection Page M/W -8</b> |  |            |             |                   |                     |
| <b>ITEM</b>  | <b>DESCRIPTION OF ITEMS</b>  | <b>QTY</b> | <b>UNIT</b> | <b>RATE (KSH)</b> | <b>AMOUNT (Ksh)</b> |
|  | <b>Valve Chamber</b>   |            |             |                   |                     |
| 1  | Standard precast concrete valve chamber of size 450 x 450 x 450mm deep made of concrete (1:3:6) base, including formwork, excavations backfilling and disposal.                        | 1          | No          |                   |                     |
|  | <b>Sterilization</b>   |            |             |                   |                     |
| 2  | Allow for flushing out and sterilizing the whole system with chlorine to the satisfaction of the engineer  | 1          | Sum         | 15,000            | <b>15,000</b>       |
|  | <b>Testing and Commisioning</b>  |            |             |                   |                     |
| 4  | Allow for testing and commisioning of water distribution system to the satisfaction of the engineer  | 1          | Sum         | 15,000            | <b>15,000</b>       |

PROPOSED MECHANICAL WORKS FOR SURUMBEN - MASOL INTEGRATED FEMALE WARDS

|   |  |  |  |  |  |
|---|--|--|--|--|--|
|   |  |  |  |  |  |
| <b>Total Cost for Internal Plumbing ,Water Supply and Reticulation Carried Forward to Page MW-8</b> |  |  |  |  |  |
| <b>INTERNAL PLUMBING, WATER SUPPLY AND RETICULATION COLLECTION PAGE</b>                             |  |  |  |  |  |
| Total Cost for Internal Plumbing, Water Supply and Reticulation Brought Forward from Page 4         |  |  |  |  |  |
| Total Cost for Internal Plumbing, Water Supply and Reticulation Brought Forward from Page 5         |  |  |  |  |  |
| Total Cost for Internal Plumbing, Water Supply and Reticulation Brought Forward from Page 6         |  |  |  |  |  |
| Total Cost for Internal Plumbing, Water Supply and Reticulation Brought Forward from Page 7         |  |  |  |  |  |

**Total Cost for Internal Plumbing, Water Supply and Reticulation from above Carried Forward to Project Summary Page MW-12**

**BILL NO. 3: INTERNAL DRAINAGE AND INITIAL STAGES of FOUL DRAINAGE SYSTEMS**

| ITEM | DESCRIPTION OF ITEMS  | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|------|---|-----|------|------------|--------------|
|      | Supply ,deliver and install the following UPVC, MUPVC, soil and waste systems respectively to B.S 5255 with fittings fixed to Manufactures Printed instructions and manufactured by reputable manufacturers. Tenderers must allow in their pipework prices for all the couplings, clippings, connectors, joints etc. as required in the running lengths of pipework and also where necessary, for pipe fixing clips, holder bats plugged and screwed for the proper and satisfactory functioning of the system. |     |      |            |              |
|      | <b>MuPVC and uPVC Waste and Soil pipework</b>   |     |      |            |              |
| 1    | 100mm diameter heavy gauge golden brown UPVC pipe   | 150 | Lm   |            |              |
| 2    | 50mm diameter waste pipe  | 60  | Lm   |            |              |
| 3    | 40mm diameter waste pipe  | 48  | Lm   |            |              |
|      | <b>Bends</b>  |     |      |            |              |
| 4    | 100mm diameter short radius bend  | 30  | No.  |            |              |
| 5    | 50mm diameter sweep bend  | 20  | No.  |            |              |
| 6    | 40mm diameter sweep bend  | 20  | No.  |            |              |
|      | <b>Tees</b>   |     |      |            |              |
| 7    | 50mm diameter sweep tee   | 10  | No.  |            |              |
| 8    | 40mm diameter sweep tee   | 10  | No.  |            |              |
|      | <b>Man-Hole Cover -300 mm × 300 mm</b>  |     |      |            |              |

PROPOSED MECHANICAL WORKS FOR SURUMBEN - MASOL INTEGRATED FEMALE WARDS

|    |  |    |     |  |  |
|----|--|----|-----|--|--|
| 9  | Allow for Masonry Construction and Supply of a standard 300 x 300mm man-hole trap complete with plastic cover. | 12 | No. |  |  |
| 12 | <b>Floor Trap</b><br>100 x 40mm diameter floor trap and grating (1-Way & 4-Way)                                | 4  | No. |  |  |

**Total Cost for Internal Drainage and Initial Stages of Foul Drainage Systems Carried Forward to Project Summary Page MW-12**

**BILL No. 4: FIRE-FIGHTING EQUIPMENT**

| ITEM | DESCRIPTION OF ITEMS   | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|------|--|-----|------|------------|--------------|
|      | Supply, deliver and install the following fire fighting equipment in positions indicated on the contract drawings or as shall be instructed by the Engineer. |     |      |            |              |
|      | <b>Portable Fire-Equipment</b>   |     |      |            |              |
|      | <b>Water Portable Fire Extinguisher</b>  |     |      |            |              |
| 1    | 9 litres water portable fire extinguisher complete with pressure gauge, initial charge and mounting brackets.  | 3   | No   |            |              |
|      | <b>Carbon Dioxide Gas Fire Extinguisher</b>  |     |      |            |              |
| 2    | 9 litres carbon dioxide gas portable fire extinguisher complete with pressure gauge, initial charge and mounting brackets.                                   | 3   | No   |            |              |
|      | <b>Fire Notices &amp; Fire Blanket 1 NO:</b>   |     |      |            |              |

|   |   |   |    |  |  |
|---|---|---|----|--|--|
| 4   | <p>Allow for fire signage for the fire exits and fire instructions as directed by the Project Engineer.</p> <p>Fire Blanket</p> <p>1 NO: Fire blanket made of cloth woven with pre-asbestos yarn or any other fire proof material and to measure 1800 x 1210 mm. It shall be fitted with special tapes folded so as to offer instantaneous single action to release blanket from storing jacket to BS 1721.</p> | 7 | No |  |  |
| <b>Total Cost for Fire Fighting Systems Carried Forward to Carried page 11</b>  |   |   |    |  |  |
| <b>FIRE FIGHTING EQUIPMENT COLLECTION PAGE</b>                                  |   |   |    |  |  |
| <b>Total Cost for Fire Fighting Equipment Brought Forward from this page 10</b> |   |   |    |  |  |

PROPOSED MECHANICAL WORKS FOR SURUMBEN-MASOL STAFF HOUSE

| <b>Total Cost for Fire- Fighting Equipment Carried Forward to Project Summary Page MW-12</b>       |  |                 |
|--|--|-----------------|
| <b>PROJECT SUMMARY PAGE</b>  |  |                 |
| ITEM   | DESCRIPTION OF ITEMS   | AMOUNT<br>(Ksh) |
| 1  | Total Cost for Sanitary Appliances brought forward from Collection Page MW-3 |                 |
| 2  | Total Cost for Internal Plumbing brought forward from Collection Page MW-6   |                 |
| 3  | Total Cost for Internal Drainage brought forward from Collection Page MW-7   |                 |
| 4  | Total Cost for Fire-Fighting Equipment brought forward from Page MW-8        |                 |
| <b>Total Cost for Plumbing, Drainage and Fire Protection Carried forward to Grand Summary Page</b> |  |                 |

**BILL NO. 1: SANITARY APPLIANCES**

| ITEM | DESCRIPTION OF ITEMS  | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|------|---|-----|------|------------|--------------|
|      | Supply, Install, test and commission the following sanitary appliances complete with all the accessories including all connections to the services, waste, jointing to water supply overflows, supports and all plugging and screwing to walls and floors.  |     |      |            |              |
|      | <b>Water Closet</b>   |     |      |            |              |
| 1    | WC ensuit as Twyford classic to Bs 1213, western type with with S-Trap outlet in white vitreous china clay material to BS 3402 , 9.0 Litres capacity flushing cistern to BS 1125, with internal overflow system, pvc flush pipe 32mm diameter, fixing screws, seats and cover plus all accessories or equal to be approved.   | 2   | NO   |            |              |
|      | <b>Instantaneous Shower Heater</b>  |     |      |            |              |
| 2    | 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 4mm2 electric supply cable to neon lit DP switch, all to be as "Lorenzetti" or equal and approved | 2   | No.  |            |              |
|      | <b>Towel Rail</b>   |     |      |            |              |
| 3    | Chrome plated towel rail 1000mm long with the rail and brackets as one piece, all as "Duravit" or equal and approved.   | 1   | No   |            |              |
|      | <b>Mirror</b>   |     |      |            |              |
| 4    | 6mm thick polished plate glass silver backed mirror with beveled edges, size 600 x 300 mm, Plugged and screwed to wall with 6No. Chrome plated dome capped screws. The mirror shall rest against a layer of 5mm   | 5   | No.  |            |              |
|      | <b>Soap Tray</b>  |     |      |            |              |
| 5    | Build-in soap and sponge tray in approved colour. As "Duravit" or equal and approved.   | 2   | No.  |            |              |
|      | <b>Flexible Connector</b>   |     |      |            |              |
| 6    | 450mm chrome plated flexible connector with chrome plated angle check valve size 15mm dia including unions and sockets to connect sanitary fittings to PP-R Pipework including all necessary joints to approval   | 20  | No   |            |              |
|      | <b>Soap Dispenser</b>   |     |      |            |              |
| 7    | Wall mounted soap dispenser with a capacity of about one litre having a press action soap release mechanism complete with fixing screws. Allow for initial soap supply. To be as Starmix or approved equivalent.  | 2   | No.  |            |              |



PROPOSED MECHANICAL WORKS FOR SURUMBEN-MASOL STAFF HOUSE

| <b>Total Cost for Sanitary Appliances Carried Forward to Collection Page MW-3</b> |   |            |             |                   |                     |
|---|---|------------|-------------|-------------------|---------------------|
| <b>ITEM</b>   | <b>DESCRIPTION OF ITEMS</b>                     | <b>QTY</b> | <b>UNIT</b> | <b>RATE (KSH)</b> | <b>AMOUNT (Ksh)</b> |
|   | Wash hand basin (WHB)-Wall Hung (Semi-Pedestal) |            |             |                   |                     |

|                            |   |   |     |  |  |
|----------------------------|---|---|-----|--|--|
| 1                          | Wall-hung wash hand basin size 650 x 500mm with one tap hole, 25mm diameter chrome plated chain waste, chain stay hole, chrome plated non-conculsive time delay press action pillar tap as Cobra model and heavy duty chrome plated bottle trap (32mm 'P' trap) with 75mm seal. To be of Duravit D-Code CAT No. 2310650000 washhand basin or equal and approved,with concreted worktop where the wall hung hand wash basin. | 2 | No  |  |  |
| <b>Kitchen Sink (SBSD)</b> |   |   |     |  |  |
| 2                          | Single bowl, single drainer single bowl stainless steel kitchen sink of size 1000 x 500mm as manufactured by <b>ASL 140</b> or equal and approved. The bowl size to be 420 x 355 x 150mm deep complete with chrome plated 40mm waste fittings, plugs, chain stays, overflow, 1No. 15mm diameter chrome plated sink bib tap, chrome plated bottle trap with 75mm deep seal and chain waste fitting.                          | 2 | No  |  |  |
| <b>Shower Tray</b>         |   |   |     |  |  |
| 6                          | Ceramic non-slip 900 x 900mm shower tray complete with chrome plated waste outlet, trap and all other accessories. All to be as Ideal Standard "900 x 900 mm shower tray or an approved equivalent.   | 3 | No  |  |  |
| <b>Hand Spray</b>          |   |   |     |  |  |
| 4                          | Chrome plated hand spray fixed next to the water closet complete with chrome plated wall bracket as Cobra or equal and approved.  | 2 | No. |  |  |
| <b>Toilet Roll Holder</b>  |   |   |     |  |  |
| 5                          | Fully recessed toilet roll holder in Vitreous China of size 165 x 165mm in approved colour as <b>Twyfords</b> or equal and approved.  | 2 | No. |  |  |

**Total Cost for Sanitary Appliances Carried Forward to Collection Page MW-3**

| ITEM | DESCRIPTION OF ITEMS | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|------|----------------------|-----|------|------------|--------------|
|------|----------------------|-----|------|------------|--------------|

**SANITARY APPLIANCES COLLECTION PAGE**

**Total Cost for Sanitary Appliances Brought Forward from Page MW-1**

**Total Cost for Sanitary Appliances Brought Forward from Page MW-2**

| <b>Total Cost for Sanitary Appliances from above Carried Forward to Summary Page MW-12</b> |  |     |      |            |              |
|--|--|-----|------|------------|--------------|
| <b>BILL NO. 2: INTERNAL PLUMBING</b>   |  |     |      |            |              |
| ITEM   | DESCRIPTION OF ITEMS   | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|  | <p>Supply and install tubing and fittings as described and shown on the drawings. Tenderers must allow for jointings, couplings etc necessary for the proper and satisfactory functioning of the system when pricing the following in PN 20 PPRC conforming to the current European standards for PPR installations and to the Engineer's approval, pipe jointing shall be by polyfusion or use of electric coupling</p> <p><b>Rates must allow for all the Metal/plastic threaded adaptors where required for the connection of sanitary fixtures, valves, sockets, sliding and fixed joints, support raceways, isolating sheaths, elastic materials,</b></p> |     |      |            |              |

|    |  |    |     |  |  |
|----|--|----|-----|--|--|
|    | expansion arms and bends, crossovers etc   |    |     |  |  |
|    | <b>PPR Pipes</b>   |    |     |  |  |
| 1  | 25 mm dia pipe chased in walls/floors  | 60 | LM  |  |  |
| 2  | 32mm -ditto-   | 50 | LM  |  |  |
|    | <b>Extra-over PPR pipework for the following:-</b>   |    |     |  |  |
|    | <b>Bends/elbows</b>  |    |     |  |  |
| 3  | 25mm bend  | 12 | No. |  |  |
| 4  | 32mm bend  | 9  | No. |  |  |
|    | <b>Tees</b>  |    |     |  |  |
| 5  | 25mm diameter equal tee  | 6  | No. |  |  |
| 6  | 32mm diameter equal tee  | 5  | No. |  |  |
|    | <b>Unions</b>  |    |     |  |  |
| 7  | 25 mm diameter union   | 14 | No. |  |  |
| 8  | 32mm -ditto-   | 9  | No. |  |  |
|    | <b>Reducers</b>  |    |     |  |  |
| 9  | 32/25mm reducers   | 4  | No. |  |  |
|    | <b>Gate valve</b>  |    |     |  |  |
| 10 | 25 mm - "Pegler" gate valve  | 8  | No. |  |  |
| 11 | 32mm-ditto-  | 4  | No. |  |  |
|    | <b>Water Tap</b>   |    |     |  |  |
| 12 | 25mm - Pillar Tap  | 7  | No. |  |  |
|    | <b>Excavations</b>   |    |     |  |  |
| 13 | Excavate trench in hard soil/murram 600mm wide and depth not exceeding 1000mm deep and average 750mm deep, prepare bed with red soil/marram of particle size not more than 20 mm to a depth of 750mm. Bed shall be approved by Engineer before laying of pipes. Fill with same material as above and compact in layers of 75 mm. Cart away surplus soil. | 80 | Lm  |  |  |

**Total Cost for Internal Plumbing, Water Supply and Reticulation Carried Forward to Collection Page MW-8**

| ITEM | DESCRIPTION OF ITEMS   | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh)  |
|------|--|-----|------|------------|---------------|
| 1    | <b>Water Storage Tank -Roof Tank</b><br>Supply, deliver and assemble a roof water tank, Plastic Water tank of 1,000 Litres With platform made of wooden material/ concreted to Structural Engineers details . As ROTO or Any Equivalent The tank to come complete with tank cover, mosquito proof inspection vent, internal stays, jointing material etc.  | 1   | No   | 22,500     | <b>22,500</b> |
| 2    | <b>Water Booster Pump</b><br>A Water Booster Pump capable of delivering 5.5m <sup>3</sup> /hr against 35 M head, power rating 0.55KW, single phase, 50HZ as Pedrollo model Top 2 or equal and approved complete with control panel, associated electrical works, protection against dry run, on/off neon lights, control/pump status display panel, audio alarm with manual silencer to indicate when the pump is faulty, float switch and all necessary controls. | 1   | set  | 25,000     | <b>25,000</b> |

PROPOSED MECHANICAL WORKS FOR SURUMBEN-MASOL STAFF HOUSE

| ITEM   | DESCRIPTION OF ITEMS   | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh)  |
|--|--|-----|------|------------|---------------|
| <b>Total Cost for Internal Plumbing, Water Supply and Reticulation Carried Forward to Collection Page MW-8</b> |  |     |      |            |               |
| 1  | <b>Ground Water Plastic Tank, Structural Platform and Tank Fittings</b><br>Provide the following connections to and Supply, deliver , install, test and commission ONE NO: 10,000 Litres Ground Plastic Water Tank over a masonry stand to Structural Engineers details. Connections to be in paddle flanges.The Plastic Tank to be as Roto or any equivalent. | 1   | NO   |            |               |
| 3  | 32 mm diameter high pressure ball valve for fitting for the roof tank.   | 1   | No   |            |               |
| 4  | <b>Electrical Works</b><br>Allow for electrical works wiring and fitting to all pumps, control panel and float switches, from isolator provided by others with 3 metres distance to Electrical Engineers details.  | 1   | Item | 16,500     | <b>16,500</b> |
| 5  | <b>Ground Water Plastic Tank Structural Shed</b><br>50 mm diameter G.I. pipe to work as poles which are supposed to support the Shed / Roof for the Ground Tanks to Structural Engineers details<br>ALlow for ground tank foundation to support the 2NO: Ground Plastic Tanks to Structural Engineers details.   | 32  | Lm   | 122        | <b>3,904</b>  |
|  |  | 1   | Item | 20,000     | <b>20,000</b> |

| <b>Total Carried Forward to Collection Page M/W -8</b> |   |            |             |                   |                     |
|--|---|------------|-------------|-------------------|---------------------|
| <b>ITEM</b>  | <b>DESCRIPTION OF ITEMS</b>   | <b>QTY</b> | <b>UNIT</b> | <b>RATE (KSH)</b> | <b>AMOUNT (Ksh)</b> |
|  | <b>Valve Chamber</b>  |            |             |                   |                     |
| 1  | Standard precast concrete valve chamber of size 450 x 450 x 450mm deep made of concrete (1:3:6) base, including formwork, excavations backfilling and disposal. | 1          | No          |                   |                     |
|  | <b>Sterilization</b>  |            |             |                   |                     |
| 2  | Allow for flushing out and sterilizing the whole system with chlorine to the satisfaction of the engineer   | 1          | Sum         | 15,000            | <b>15,000</b>       |
|  | <b>Testing and Commisioning</b>   |            |             |                   |                     |
| 4  | Allow for testing and commisioning of water distribution system to the satisfaction of the engineer   | 1          | Sum         | 15,000            | <b>15,000</b>       |

PROPOSED MECHANICAL WORKS FOR SURUMBEN-MASOL STAFF HOUSE

|   |  |  |  |  |  |
|---|--|--|--|--|--|
|   |  |  |  |  |  |
| <b>Total Cost for Internal Plumbing ,Water Supply and Reticulation Carried Forward to Page MW-8</b> |  |  |  |  |  |
| <b>INTERNAL PLUMBING, WATER SUPPLY AND RETICULATION COLLECTION PAGE</b>                             |  |  |  |  |  |
| Total Cost for Internal Plumbing, Water Supply and Reticulation Brought Forward from Page 4         |  |  |  |  |  |
| Total Cost for Internal Plumbing, Water Supply and Reticulation Brought Forward from Page 5         |  |  |  |  |  |
| Total Cost for Internal Plumbing, Water Supply and Reticulation Brought Forward from Page 6         |  |  |  |  |  |
| Total Cost for Internal Plumbing, Water Supply and Reticulation Brought Forward from Page 7         |  |  |  |  |  |

**Total Cost for Internal Plumbing, Water Supply and Reticulation from above Carried Forward to Summary Page MW-12**

**BILL NO. 3: INTERNAL DRAINAGE AND INITIAL STAGES of FOUL DRAINAGE SYSTEMS**

| ITEM | DESCRIPTION OF ITEMS  | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|------|---|-----|------|------------|--------------|
|      | Supply ,deliver and install the following UPVC, MUPVC, soil and waste systems respectively to B.S 5255 with fittings fixed to Manufactures Printed instructions and manufactured by reputable manufacturers. Tenderers must allow in their pipework prices for all the couplings, clippings, connectors, joints etc. as required in the running lengths of pipework and also where necessary, for pipe fixing clips, holder bats plugged and screwed for the proper and satisfactory functioning of the system. |     |      |            |              |
|      | MuPVC and uPVC Waste and Soil pipework  |     |      |            |              |
| 1    | 100mm diameter heavy gauge golden brown UPVC pipe   | 50  | Lm   |            |              |
| 2    | 50mm diameter waste pipe  | 30  | Lm   |            |              |
| 3    | 40mm diameter waste pipe  | 34  | Lm   |            |              |
|      | <b>Bends</b>  |     |      |            |              |
| 4    | 100mm diameter short radius bend  | 21  | No.  |            |              |
| 5    | 50mm diameter sweep bend  | 15  | No.  |            |              |
| 6    | 40mm diameter sweep bend  | 18  | No.  |            |              |
|      | <b>Tees</b>   |     |      |            |              |
| 7    | 50mm diameter sweep tee   | 15  | No.  |            |              |



PROPOSED MECHANICAL WORKS FOR SURUMBEN-MASOL STAFF HOUSE

|    |  |    |     |  |
|----|--|----|-----|--|
| 8  | 40mm diameter sweep tee  | 15 | No. |  |
|    | <b>Man-Hole Cover -600 mm × 450 mm</b><br>Allow for Masonry Construction and Supply of a standard 600 x 450mm man-hole trap complete with plastic cover. | 12 | No. |  |
| 9  |  |    |     |  |
| 10 | Man-Hole Cover -300 mm × 300mm -Ditto  | 5  | No. |  |
|    | <b>Floor Trap</b>  |    |     |  |
| 12 | 100 x 40mm diameter floor trap and grating (1-Way & 4-Way)   | 4  | No. |  |

**Total Cost for Internal Drainage and Initial Stages of Foul Drainage Systems Carried Forward to Summary Page MW-12**

**BILL No. 4: FIRE-FIGHTING EQUIPMENT**

| ITEM | DESCRIPTION OF ITEMS   | QTY | UNIT | RATE (KSH) | AMOUNT (Ksh) |
|------|--|-----|------|------------|--------------|
|      | Supply, deliver and install the following fire fighting equipment in positions indicated on the contract drawings or as shall be instructed by the Engineer. |     |      |            |              |
|      | <b>Portable Fire-Equipment</b>   |     |      |            |              |
|      | <b>Water Portable Fire Extinguisher</b>  |     |      |            |              |
| 1    | 9 litres water portable fire extinguisher complete with pressure gauge, initial charge and mounting brackets.  | 3   | No   |            |              |
|      | <b>Carbon Dioxide Gas Fire Extinguisher</b>  |     |      |            |              |
| 2    | 9 litres carbon dioxide gas portable fire extinguisher complete with pressure gauge, initial charge and mounting brackets.                                   | 3   | No   |            |              |
|      | <b>Fire Notices</b>  |     |      |            |              |
| 4    | Allow for fire signage for the fire exits and fire instructions as directed by the Project Engineer.   | 4   | No   |            |              |
|      | <b>Fire Blanket</b>  |     |      |            |              |

|                          |  |   |    |  |  |
|--------------------------|--|---|----|--|--|
| 5                        | Fire blanket made of cloth woven with pre-asbestos yarn or any other fire proof material and to measure 1800 x 1210 mm. It shall be fitted with special tapes folded so as to offer instantaneous single action to release blanket from storing jacket to BS 1721. | 2 | No |  |  |
| <b>Manual Alarm Bell</b> |  |   |    |  |  |
| 6                        | 9" (225mm) manual operated alarm bell (Gong)   | 1 | No |  |  |

**Total Cost for Fire Fighting Systems Carried Forward to Carried page 11**

**FIRE FIGHTING EQUIPMENT COLLECTION PAGE**

**Total Cost for Fire Fighting Equipment Brought Forward from this page 10**

|  |  |
|--|--|
|  |  |
|--|--|

|  |  |
|--|--|
| <b>Total Cost for Fire- Fighting Equipment Carried Forward to Summary Page MW-12</b> |  |
|--|--|

**SUMMARY PAGE**

| <b>ITEM</b> | <b>DESCRIPTION OF ITEMS</b>  | <b>(Ksh)</b> |
|-------------|--|--------------|
| 1           | Total Cost for Sanitary Appliances brought forward from Collection Page MW-3 |              |
| 2           | Total Cost for Internal Plumbing brought forward from Collection Page MW-6   |              |
| 3           | Total Cost for Internal Drainage brought forward from Collection Page MW-7   |              |
| 4           | Total Cost for Fire-Fighting Equipment brought forward from Page MW-8        |              |

|  |  |
|--|--|
| <b>Total Cost for Plumbing, Drainage and Fire Protection Carried forward to Grand Summary Page</b> |  |
|--|--|

PRIME COST AND PROVISIONAL SUM

| ITEM NO. | DESCRIPTION   | QTY | UNIT | RATE   | AMOUNT (KSh.) |
|----------|---|-----|------|--------|---------------|
| 1        | <p><b><u>BILL NO.5: PRIME COST AND PROVISIONAL SUMS</u></b></p> <p>Allow a Provisional Sum of Kenya Shillings One Hundred Thousand (KSh. 50,000) only for Contingencies to be used in part, whole or omitted at the discretion of the Project Engineer.</p> | 1   | Item | 50,000 | 50,000        |
|          | <p><b>TOTAL FOR PRIME COST &amp; PROVISIONAL SUMS CARRIED FORWARD TO GRAND SUMMARY PAGE</b></p>   |     |      |        | 50,000        |

# GRAND SUMMARY

| ITEM NO. | DESCRIPTION                           | PAGE No. | For Official use only | For Tenderer's use only |
|----------|---------------------------------------|----------|-----------------------|-------------------------|
| 1        | Preliminary                           | G-4      | 82,000.00             |                         |
| 2        | Surumben - Masol Integarated          | MW -10   |                       |                         |
| 3        | Staff Houses Masol Integarated        | MW -12   |                       |                         |
| 4        | Prime Cost &<br>Provisional Sums      |          | 50,000.00             |                         |
|          | Sub-Total                             |          |                       |                         |
|          | Add 16% VAT                           |          |                       |                         |
|          | <b>TOTAL CARRIED TO GRAND SUMMARY</b> |          |                       |                         |
|          | <b>PAGE:KSHS</b>                      |          |                       |                         |

Amount in words:Kenya Shillings.....

Tenderer's Signature.....

Address.....

Date.....

Witness Name & Signature.....

Address.....

Date.....

## PROVISIONAL AND PRIME COST SUMS

| ITEM | DESCRIPTION   | RATE | AMOUNT       |
|------|---|------|--------------|
|      | <p><b><u>PROVISIONAL SUMS</u></b></p> <p><u>The following provisional items are to be measured on completion of the works and priced in accordance with rates contained in these Bills of Quantities or pro-rata thereto or deducted in whole if not required.</u></p> <p><u>Provisional sum for:</u></p> |      |              |
| A    | <b>Contingencies; Kenya Shillings Five Hundred Thousands (Kshs500,000.00) only</b>  | ITEM | 500,000.00   |
| B    | <b>Project Management Expenses: Kenya shillings Eight Hundred and Fifty Thousands (Kshs.850,000.00) only</b>  |      | 850,000.00   |
| C    | <b>EIA: Kenya shillings One Hundred Thousands (Kshs.100,000.00) only</b>  |      | 100,000.00   |
|      | <b>Total PC and Provisional Sums carried to Grand Summary</b>   |      | 1,450,000.00 |

PC/1

PROPOSED CONSTRUCTION OF SRUMBEN HEALTH CENTRE IN WEST POKOT COUNTY

**GRAND SUMMARY**

**From page**

|    |   |        |  |  |              |
|----|---|--------|--|--|--------------|
| 1  | PARTICULAR PRELIMINARIES FROM PAGE        | PP/6   |  |  |              |
| 2  | GENERAL PRELIMINARIES FROM PAGE           | GP/10  |  |  |              |
| 3  | FEMALE WARD FROM PAGE                     | DS/16  |  |  |              |
| 4  | FEMALE WARD ALUMINIUM PARTITION FROM PAGE | SP/2   |  |  |              |
| 5  | STAFF HOUSES FROM PAGE                    | SH/16  |  |  |              |
| 6  | SEPTIC TANK FROM PAGE                     | ST/5   |  |  |              |
| 8  | CHAINLINK FENCING FROM PAGE               | KDS/5  |  |  |              |
| 9  | PATIENTS PIT LATRINE FROM PAGE            | PPL/12 |  |  |              |
| 10 | STAFF PIT LATRINE FROM PAGE               | SPL/12 |  |  |              |
| 11 | ELECTRICALL WORKS FROM PAGE               | EL/1   |  |  |              |
| 12 | MECHANICAL WORKS FROM PAGE                | MW/12  |  |  |              |
| 13 | PC & PROVISIONAL SUMS                     | PC/1   |  |  | 1,450,000.00 |
| 14 | SUB-TOTAL                                 |        |  |  |              |



|    |  |  |  |  |  |
|----|--|--|--|--|--|
| 15 | ADD 16% VAT  |  |  |  |  |
| 16 | <b>TOTAL FOR CONSTRUCTION WORKS TO TENDER FORM</b> |  |  |  |  |

KVDA SLR/1