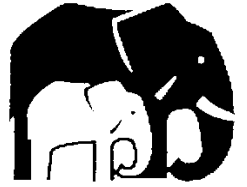


**KENYA
WILDLIFE
SERVICE**



**BUILDINGS AND FENCES DEPARTMENT IN ASSOCIATION
WITH KWS NGONG STATION**

**PROPOSED CONSTRUCTION OF STAFF RESIDENTIAL HOUSES
AT KWS NGONG STATION- PHASE 2**

TENDER DOCUMENT

SECTION I:	INVITATION TO TENDER
SECTION II:	INSTRUCTIONS TO TENDERERS
SECTION III:	APPENDIX TO INSTRUCTION TO TENDERERS
SECTION IV:	CONDITIONS OF CONTRACT
SECTION V:	APPENDIX TO CONDITIONS OF CONTRACT
SECTION VI:	STANDARD FORMS
SECTION VII:	PRICING PREAMBLES
SECTION VIII:	PRELIMINARIES
SECTION IX:	BILLS OF QUANTITIES
SECTION X:	DRAWINGS

CLOSING DATE & TIME:

TUESDAY 12TH MARCH 2019: 12:00 NOON

TENDER DOCUMENT

Bid No. KWS/OT/BF/18/2018-2019

(RESERVED FOR SPECIAL GROUPS)

THE DIRECTOR GENERAL
KENYA WILDLIFE SERVICE
PO. BOX 40241
NAIROBI

February 2019

PROPOSED CONSTRUCTION OF STAFF RESIDENTIAL HOUSES AT KWS NGONG STATION

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SECTION I

INVITATION FOR TENDERS

Tender No. KWS/OT/BF/18/2018-2019

TENDER FOR THE PROPOSED CONSTRUCTION OF STAFF RESIDENTIAL HOUSES AT KWS NGONG STATION

- 1.1 The Director General, Kenya Wildlife Service P.O. Box 40241 Nairobi invites sealed tenders for the construction of staff residential houses at KWS- Ngong Station
- 1.2 Interested eligible candidates may obtain further information and inspect tender document at Office Head Supplies Chain Management, Kenya Wildlife Service headquarters, Langa'ta Road. P.O. Box 40241 Nairobi during normal working hours.
- 1.3 A complete set of tender documents may be obtained by interested eligible candidates for free from the website <http://kws.go.ke>. Bidders who download the tender document from the website must forward their particulars immediately for records and any further tender clarifications and addenda and will not be required to pay any fee.
- 1.4 Prices quoted should **be inclusive of all taxes**, must be in Kenya shillings and shall remain valid for **(90)** days from the closing date of tender. Bid security shall be valid for **120 days**
- 1.5 Completed tender documents are to be enclosed in plain sealed envelopes marked with **Tender name and reference number and deposited in the Tender Box** at Main Reception Lobby, ground floor, KWS Headquarters, Langa'ta Road P.O. Box 40241, Nairobi **to be received on or before time specified in the letter/advertisement inviting these tenders.** Non compliance to the foregoing rules of submission shall lead to automatic disqualification
- 1.6 Tenders will be opened immediately thereafter in the presence of the candidates or their representatives who choose to attend

SECTION II

INSTRUCTIONS TO TENDERERS

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INSTRUCTIONS TO TENDERERS.

1. 1. General/Eligibility/Qualifications/Joint venture/Cost of tendering

- 1.1 The Employer as defined in the Appendix to Conditions of Contract invites tenders for Works Contract as described in the tender documents. The successful tenderer will be expected to complete the Works by the Intended Completion Date specified in the tender documents.
- 1.2 All tenderers shall provide the Qualification Information, a statement that the tenderer (including all members of a joint venture and subcontractors is not associated, or has not been associated in the past, directly or indirectly, with the Consultant or any other entity that has prepared the design, specifications, and other documents for the project or being proposed as Project Manager for the Contract. A firm that has been engaged by the Employer to provide consulting services for the preparation or supervision of the Works, and any of its affiliates, shall not be eligible to tender.
- 1.3 All tenderers shall provide in the Form of Tender and Qualification Information, a preliminary description of the proposed work method and schedule, including drawings and charts, as necessary.
- 1.4 All tenderers shall include the following information and documents with their tenders
 - (a) Valid Copy of Certificate of Registration in a target group (YOUTH, WOMEN OR PERSONS WITH DISABILITIES)
 - (b) copies of original documents defining the constitution or legal status, place of registration, and principal place of business; registration certificate With National Construction Authority as a general building contractor category 6 or above and, valid NCA license valid Tax Compliance certificate written power of attorney of the signatory of the tender to commit the tenderer:
 - (c) total monetary value of construction work performed for each of the last five years:
 - (d) Details of similar major contracts in the last 5yrs, experience as main contractor in the construction of at least two works of a nature and complexity equivalent to the Works (kshs 35 million) over the last 5 years (to comply with this requirement, works cited should be at least 70 percent complete); supported by copies of award letter Signed form of Contract/Agreement.

- (e) Major items of construction equipment proposed to carry out the Contract and an undertaking that they will be available for the Contract.
- (f) Qualifications and experience of key site management and technical personnel (project manager, site agent and foreman) proposed for the Contract and an undertaking that they shall be available for the Contract.
- (g) Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the past Two years 2016/2017, 2017/2018; OR certified bank statement for the last 24 months immediately preceding tender closing date.
- (h) evidence of adequacy of working capital for this Contract (access to line(s) of credit and availability of other financial resources);
- (i) authority to seek references from the tenderer's bankers;
- (j) information regarding any litigation, current or during the last five years, in which the tenderer is involved, the parties concerned and disputed amount; and
- (k) Proposals for subcontracting components of the Works amounting to more than 10 percent of the Contract Price.

1.5 Tenders submitted by a joint venture of two or more firms as partners shall comply with the following requirements, unless otherwise stated:

- (a) the tender shall include all the information listed in clause 1.5 above for each joint venture partner;
- (b) the tender shall be signed so as to be legally binding on all partners;
- (c) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
- (d) one of the partners will be nominated as being in charge, authorised to incur liabilities, and receive instructions for and on behalf of all partners of the joint venture; and
- (e) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge.

1.6 To qualify for award of the Contract, tenderers shall meet the following minimum qualifying criteria;

- (a) annual volume of construction work of at least 2.0 times the estimated annual cashflow for the Contract;
 - (b) experience as main contractor in the construction of at least two works of a nature and complexity equivalent to the Works over the last 5 years (to comply with this requirement, works cited should be at least 70 percent complete);
 - (c) proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment listed as required for the Works;
 - (d) a project manager, a site agent and foreman each with requisite experience in works of an equivalent nature and volume, besides relevant academic qualifications supported by academic certificates and signed curriculum vitae
 - (e) Liquid assets and/or credit facilities, net of other contractual commitments and exclusive of any advance payments which may be made under the Contract, of no less than 3 months of the estimated payment flow under this Contract.
- 1.7 The figures for each of the partners of a joint venture shall be added together to determine the tenderer's compliance with the minimum qualifying criteria of clause 1.7 (a) and (e); however, for a joint venture to qualify, each of its partners must meet at least 25 percent of minimum criteria 1.7 (a), (b) and (e) for an individual tenderer, and the partner in charge at least 40 percent of those minimum criteria. Failure to comply with this requirement will result in rejection of the joint venture's tender. Subcontractors' experience and resources will not be taken into account in determining the tenderer's compliance with the qualifying criteria, unless otherwise stated.
- 1.8 Each tenderer shall submit only one tender, either individually or as a partner in a joint venture. A tenderer who submits or participates in more than once in same tender either in capacity of director/proprietor in a different company (other than as a subcontractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the tenderer's participation to be disqualified.
- 1.9 The tenderer shall bear all costs associated with the preparation and submission of his tender, and the Employer will in no case be responsible or liable for those costs.
- 1.10 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. No claims arising from non compliance with the foregoing shall be entertained by the employer

- 1.11 The procuring entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.
- 1.12 Contractors who have been issued with a delay notice or Default Notice or in any termination proceedings for non performance in any Government funded project are ineligible to tender for these works.

2. Tender Documents

- 2.1 The complete set of tender documents comprises the documents listed below and any addenda issued in accordance with Clause 2.4. or such other documents that may be issued by the employer to supplement or compliment the listed documents
 - (a) These Instructions to Tenderers
 - (b) Form of Tender and Qualification Information
 - (c) Conditions of Contract
 - (d) Appendix to Conditions of Contract
 - (e) Specifications
 - (f) Drawings
 - (g) Bills of Quantities
 - (h) Forms of Securities
- 2.2 The tenderer shall examine all Instructions, Forms to be filled and Specifications in the tender documents. Failure to furnish all information required by the tender documents, or submission of a tender not substantially responsive to the tendering documents in every respect will be at the tenderer's risk and may result in rejection of his tender.
- 2.3 A prospective tenderer making an inquiry relating to the tender documents may notify the Employer in writing or by cable, telex or facsimile at the address indicated in the letter/advert of invitation to tender. The Employer will only respond to requests for clarification received earlier than seven days prior to the deadline for submission of tenders. Copies of the Employer's response will be forwarded to all persons issued with tendering documents, including a description of the inquiry, but without identifying its source.
- 2.4 Before the deadline for submission of tenders, the Employer may modify the tendering documents by issuing addenda. Any addendum thus issued shall be part of the tendering documents and shall be communicated in writing or by cable, telex or facsimile to all tenderers. Prospective tenderers shall acknowledge receipt of each addendum in writing to the Employer.

- 2.5 To give prospective tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend, as necessary, the deadline for submission of tenders, in accordance with Clause 4.2 here below.

3. Preparation of Tenders

- 3.1 All documents relating to the tender and any correspondence shall be in English language.
- 3.2 The tender submitted by the tenderer shall comprise the following:
- (a) These Instructions to Tenderers, Form of Tender, Conditions of Contract, Appendix to Conditions of Contract and Specifications;
 - (b) Tender Security; A Duly Signed Tender Security Declaration form in lieu of bid bond for enterprises under preference and reservation (Youth, Women and PWD Groups ref pg 53/54
 - (c) Priced Bill of Quantities ;
 - (d) Qualification Information Form and Documents;
 - (e) Alternative offers where invited; and
 - (f) Any other materials required to be completed and submitted by the tenderers.
- 3.3 The tenderer shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items for which no rate or price is entered by the tenderer will not be paid for when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause relevant to the Contract, as of 30 days prior to the deadline for submission of tenders, shall be included in the billed item rates forming tender price submitted by the tenderer.
- 3.4 The rates and prices quoted by the tenderer shall only be subject to adjustment during the performance of the Contract if provided for in the Appendix to Conditions of Contract and provisions made in the Conditions of Contract.
- 3.5 The unit rates and prices shall be in Kenya Shillings.

- 3.6 Tenders shall remain valid for a period of **(90)** days from the date of submission. However in exceptional circumstances, the Employer may request that the tenderers extend the period of validity for a specified additional period. The request and the tenderers' responses shall be made in writing. A tenderer may refuse the request without being reprimanded in line with terms of tender securing declaration. A tenderer agreeing to the request will not be required or permitted to otherwise modify the tender, but will be required to extend the validity of Tender security declaration for the period of the extension, and in compliance with Clause 3.7 - 3.11 in all respects.
- 3.7 The tenderer shall furnish, as part of the tender, a Tender securing declaration.
- 3.8 The format of the Tender Securing declaration should be in accordance with the form of Tender Security included in Section VI Standard forms or any other form acceptable to the Employer. Tender security declaration shall be valid for **30 days** beyond the validity of the tender.
- 3.9 Any tender not accompanied by an acceptable Tender security declaration shall be rejected. The Tender Security declaration of a joint venture must define as "Tenderer" all joint venture partners and list them in the following manner: a joint venture consisting of ".....", ".....", and ".....".
- 3.10 The Tender security declaration of unsuccessful tenderers will be returned within 28 days of the end of the tender validity period specified in Clause 3.6.
- 3.11 The Tender security declaration of the successful tenderer will be discharged when the tenderer has signed the Contract Agreement and furnished the required Performance Security.
- 3.12 The Tender security declaration reprisals shall materialize
- (a) if the tenderer withdraws the tender after tender opening during the period of tender validity;
 - (b) if the tenderer does not accept the correction of the tender price, pursuant to Clause 5.7;
 - (c) in the case of a successful tenderer, if the tenderer fails within the specified time limit to
 - (i) sign the Agreement, or
 - (ii) furnish the required Performance Security.

- 3.13 Tenderers shall submit offers that comply with the requirements of the tendering documents, including the basic technical design as indicated in the Drawings and Specifications. Alternatives will not be considered, unless specifically allowed in the invitation to tender. If so allowed, tenderers wishing to offer technical alternatives to the requirements of the tendering documents must also submit a tender that complies with the requirements of the tendering documents, including the basic technical design as indicated in the Drawings and Specifications. In addition to submitting the basic tender, the tenderer shall provide all information necessary for a complete evaluation of the alternative, including design calculations, technical specifications, breakdown of prices, proposed construction methods and other relevant details. Only the technical alternatives, if any, of the lowest evaluated tender conforming to the basic technical requirements shall be considered.
- 3.14 The tenderer shall prepare one original of the documents comprising the tender documents as described in Clause 3.2 of these Instructions to Tenderers, bound with the volume containing the Form of Tender,
- 3.15 and clearly marked "ORIGINAL". In addition, the tenderer shall submit Nil . copies of the tender.
- 3.16 The original and all copies of the tender shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the tenderer, as the case may be. All pages of the tender where alterations or additions have been made shall be initialed by the person or persons signing the tender, non initialization of alterations or additions shall be a sufficient ground for automatic disqualification at financial evaluation stage.
- 3.17 Clarification of tenders shall requested by the tenderers to be received by the procuring entity not later than 7 days prior to the deadline for submission of tenders.
- 3.18 The procuring entity shall reply to any clarifications sought by the tenderer within 3 days of receiving the request to enable the tenderer to make timely submission of its tender.

4. Submission of Tenders

- 4.1 The tenderer shall seal the original and all copies of the tender in two inner envelopes and one outer envelope, duly marking the inner envelopes as "**ORIGINAL**" and "**COPIES**" as appropriate. The inner and outer envelopes shall:
- (a) be addressed to the Employer at the address provided in the invitation to tender;

- (b) bear the name and identification number of the Contract as defined in the invitation to tender; and
 - (c) provide a warning not to open before the specified time and date for tender opening.
- 4.2 Tenders shall be delivered to the Employer at the address specified above not later than the time and date specified in the invitation to tender. However, the Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Sub-Clause 2.5 in which case all rights and obligations of the Employer and the tenderers previously subject to the original deadline will then be subject to the new deadline.
- 4.3 Any tender received after the deadline prescribed in clause 4.2 will be returned to the tenderer un-opened.
- 4.4 Tenderers may modify or withdraw their tenders by giving notice in writing before the deadline prescribed in clause 4.2. Each tenderer's modification or withdrawal notice shall be prepared, sealed, marked, and delivered in accordance with clause 3.13 and 4.1, with the outer and inner envelopes additionally marked "**MODIFICATION**" and "**WITHDRAWAL**", as appropriate. No tender may be modified after the deadline for submission of tenders.
- 4.5 Withdrawal of a tender between the deadline for submission of tenders and the expiration of the period of tender validity specified in the invitation to tender or as extended pursuant to Clause 3.6 may result in the reprisals stipulated Tender Security declaration pursuant to Clause 3.11.
- 4.6 Tenderers may only offer discounts to, or otherwise modify the prices of their tenders by submitting tender modifications in accordance with Clause 4.4 or be included in the original tender submission

5. Tender Opening and Evaluation

- 5.1 The tenderers' names, the tender prices, the total amount of each tender and of any alternative tender (if alternatives have been requested or permitted), any discounts, tender modifications and withdrawals, the presence or absence of Tender Security declaration, and such other details as may be considered appropriate, will be announced by the Employer at the opening. Minutes of the tender opening, including the information disclosed to those present will be prepared by the Employer.
- 5.2 Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of Contract shall not be disclosed to tenderers or any other persons not officially concerned with such process. Any effort by a tenderer

to influence the Employer's officials, processing of tenders or award decisions may result in the rejection of his tender.

- 5.3 To assist in the examination, evaluation, and comparison of tenders, the Employer at his discretion, may ask any tenderer for clarification of the tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, telex or facsimile but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered in the evaluation of the tenders in accordance with Clause 5.7.
- 5.4 Prior to the detailed evaluation of tenders, the Employer will determine whether each tender (a) meets the eligibility criteria defined in Clause 1.4 (b) mandatory requirements stipulated in the appendix to instruction to bidders;(c) has been properly signed; (d) is accompanied by the required Tender Security declaration with corporate seal; and (e) is substantially responsive to the requirements of the tendering documents. A substantially responsive tender is one which conforms to all the terms, conditions and specifications of the tendering documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the works; (b) which limits in any substantial way, inconsistent with the tendering documents, the Employer's rights or the tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other tenderers presenting substantially responsive tenders.
- 5.5 If a tender is not substantially responsive, it will be rejected, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.
- 5.6 Tenders determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows:
 - (a) where there is a discrepancy between the amount in figures and the amount in words, the amount in words will prevail; and
 - (b) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will prevail, unless in the opinion of the Employer, there is an obvious typographical error, in which case the adjustment will be made to the entry containing that error.
 - (c) In the event of a discrepancy between the tender amount as stated in the Form of Tender and the corrected tender figure in the main summary of the Bill of Quantities, the amount as stated in the Form of Tender shall prevail.

- (d) The Error Correction Factor shall be computed by expressing the difference between the tender amount and the corrected tender sum as a percentage of the corrected Builder's Work (i.e. Corrected tender sum less P.C. and Provisional Sums)
 - (e) The Error Correction Factor shall be applied to all Builder's Work (as a rebate or addition as the case may be) for the purposes of valuations for Interim Certificates and valuation of variations.
 - (f) the amount stated in the tender will be adjusted in accordance with the above procedure for the correction of errors and, with concurrence of the tenderer, shall be considered as binding upon the tenderer. If the tenderer does not accept the corrected amount, the tender may be rejected with Tender Security declaration reprisal in accordance with clause 3.11.
- 5.7 The Employer will evaluate and compare only the tenders determined to be substantially responsive in accordance with Clause 5.5. **evaluation shall be in accordance with criteria set out in the appendix to instruction to bidders**
- 5.8 In evaluating the tenders, the Employer will determine for each tender the evaluated tender price by adjusting the tender price as follows:
- (a) making any correction for errors pursuant to clause 5.7;
 - (b) Excluding provisional sums and the provision, if any, for contingencies in the Bill of Quantities, but including Dayworks where priced competitively.
 - (c) making an appropriate adjustment for any other acceptable variations, deviations, or alternative offers submitted in accordance with clause 3.12; and
 - (d) making appropriate adjustments to reflect discounts or other price modifications offered in accordance with clause 4.6
- 5.9 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the tender documents or otherwise result in unsolicited benefits for the Employer will not be taken into account in tender evaluation.
- 5.10 The tenderer shall not influence the Employer on any matter relating to his tender from the time of the tender opening to the time the Contract is awarded. Any effort by the Tenderer to

influence the Employer or his employees in his decision on tender evaluation, tender comparison or Contract award may result in the rejection of the tender.

- 5.11 Firms incorporated in Kenya where indigenous Kenyans own 51% or more of the share capital shall be allowed a 10% preferential bias provided that they do not sub-contract work valued at more than 50% of the Contract Price excluding Provisional Sums to a Non-indigenous sub-contractor.

6. Award of Contract

- 6.1 Subject to Clause 6.2, the award of the Contract will be made to the tenderer whose tender has been determined to be substantially responsive to the tendering requirements as set out in tender documents and in appendix to instruction to bidders and who has offered the lowest evaluated tender price.
- 6.2 Notwithstanding clause 6.1 above, the Employer reserves the right to accept or reject any tender, and to cancel the tendering process and reject all tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or tenderers of the grounds for the action.
- 6.3 The tenderer whose tender has been accepted will be notified of the award prior to expiration of the tender validity period in writing or by cable, telex or facsimile. This notification (hereinafter and in all Contract documents called the "Letter of Acceptance") will state the sum (hereinafter and in all Contract documents called the "Contract Price") that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract. At the same time the other tenderers shall be informed that their tenders have not been successful.

The contract shall be formed on the parties signing the contract.

- 6.4 The Agreement will incorporate all agreements between the Employer and the successful tenderer. Within 14 days of receipt the successful tenderer will sign the Agreement and return it to the Employer.
- 6.5 Within 28 days after receipt of the Letter of Notification/Acceptance, the successful tenderer shall deliver to the Employer a Performance Security in the amount stipulated in the Appendix to Conditions of Contract and in the form stipulated in the Tender documents. The Performance Security shall be in the amount and specified form

- 6.6 Failure of the successful tenderer to comply with the requirements of clause 6.5 shall constitute sufficient grounds for cancellation of the award and reprisals of the Tender Security declaration.
- 6.7 Upon the furnishing by the successful tenderer of the Performance Security, the Employer will promptly notify the other tenderers that their tenders have been unsuccessful.
- 6.8 Preference where allowed in the evaluation of tenders shall not be allowed for contracts not exceeding one year (12 months)
- 6.9 The parties to the contract shall have it signed within 30 days from the date of notification of contract award unless there is an administrative review request.
- 6.10 Contract price variations shall not be allowed for contracts not exceeding one year (12 months)
- 6.11 Where contract price variation is allowed, the valuation shall not exceed 15% of the original contract price.
- 6.12 Price variation request shall be processed by the procuring entity within 30 days of receiving the request.
- 6.13 The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.
- 6.14 A tenderer who gives false information in the tender document about its qualification or who refuses to enter into a contract after notification of contract award shall be considered for debarment from participating in future public procurement.

7. Corrupt and Fraudulent practices

- 7.1 The procuring entity requires that tenderers observe the highest standards of ethics during procurement process and execution of contracts. A tenderer shall sign a declaration that he/she has not and will not be involved in corrupt and fraudulent practices nor has he/she been barred from participating in public tenders.

SECTION III

APPENDIX TO INSTRUCTION TO TENDERERS

The following information for procurement of works shall complement or amend the provisions of the instruction to tenderers, wherever there is a conflict between the provisions of the instruction to tenderes and the provisions of the appendix the provisions of the appendix herein shall prevail

Particulars of appendix to instruction to tenderes

(a) Submission of bids

The tender submitted should comprise the following documents/requirements **PRESENTED IN THE ORDER GIVEN BELOW**-Marks to be awarded for presentation.

- A. Bid document submitted must have Serialization of all pages and be properly bound.
- B. Tender Security declaration on bidders letterhead but and strict adherence to format provided herewith Ref: page 53-54, non compliance shall lead to rejection of the bid.
- C. Duly filled and signed form of tender
- D. Certificate of attendance to pre tender site visit
- E. Signed and stamped declaration that the bidder will not engage in any corrupt or fraudulent practice.
- F. **Certified copy** of Certificate of incorporation/business Registration Certificate
- G. **Certified** copy of current CR12, not older than six months from date of tender closing
- H. **Valid Copy** of Certificate of Registration in a target group (YOUTH, WOMEN OR PERSONS WITH DISABILITIES)
- I. Confidential Business Questionnaire Ref: tender document page 61-63
- J. copy Registration certificate with National Construction Authority as a general buildings contractor Category **NCA-6** or above, and a valid license
- K. **Certified** current Power of attorney to sign tender documents, not older than six months from date of tender closing .
- L. **Valid Tax** Compliance Certificate
- M. **Certified valid** Single Business Permit from respective county government
- N. **Tender specific** Authority to seek references from the tenderer's Bankers, detailing bank, branch and account number
- O. **Certified** Litigation history For the past three years
- P. Last two years audited accounts 2016/2017, 2017/2018 or **CERTIFIED** copies of bank statements covering a period of at least 24 months prior to the date of the tender closing. The copies should be certified by the Bank issuing the statements. Annual volume of construction work of kshs 70

- million per year borne from turnover in audited accounts for the past two years, or cumulative volume of transactions evidenced in bank statement
- Q. Program of works showing clearly the sequencing of project activities within pre determined contract period within which the works shall be carried out to completion and cash-flow projection showing clearly expected monthly cash disbursement over the contract duration based on tender sum quoted.
- R. Key staff competency profiles (project manager & Site agent, Foreman)
Qualifications and experience of key site management and technical personnel proposed for the contract supported by academic and professional certificates in addition to signed curriculum vitae, Project manager, site agent and foreman
- An project manager with a minimum of 5 years specific experience in building construction supervision or works of an equivalent nature and volume, with a minimum of degree in - architecture/civil engineering/quantity surveying, field or equivalent from a recognised Institution
 - A Site Agent with a minimum of 3 years specific experience in building construction works or works of an equivalent nature and volume, with a minimum of Higher National Diploma in buildings related course or equivalent from a recognized institution.
 - A foreman with a minimum of 3 years specific experience in building (construction works or works of an equivalent nature and volume, with a minimum of An Ordinary Diploma in building related course or equivalent from a recognized institution
- S. Details of experience as main contractor in the construction of at least two works of a nature and complexity equivalent to the Works (kshs 35 million) over the last 5 years (to comply with this requirement, works cited should be at least 70 percent complete); supported by copies of award letter, or extract form of Signed Agreement and At least recommendation letters per job from Qualified and registered engineer or architect who was been directly involved in supervision of the works. Recommendation by professional to be accompanied by copy of respective professional registration certificate or practicing license. The recommendation letter should highlight among other things the
- i. name of the project,
 - ii. contract value,
 - iii. client name, client physical addresses, client email/telephone number.
 - iv. Status of completeness of the work or otherwise.
- Nb: recommendations not accompanied referees professional certificates/license and vice versa shall be disregarded for purposes of evaluation*
- T. Evidence of Liquid assets and or credit facilities, net of other contractual commitments and exclusive of any advance payments which may be made under the Contract, of no less than 3 months of the estimated

payment flow under this Contract. It to mean Evidence of liquid assets or credit facilities, either from the bank credit facilities , credit facilities from major relevant materials suppliers, manufacturers or dealers all adding up to a minimum Cumulative facility of kshs 10.5 million

- U. Adequate equipment for the specified type of Work giving details and evidence as to whether owned or leased, Proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment as required for the Works – if owned then copies of logbooks Must be attached, for lease or hire, to be supported by lease/hire agreement

b) Tender Evaluation Criteria.

The following criteria shall be used in evaluation of all bids.

1.1 Mandatory Requirements (failure to fully comply shall lead to disqualification)

- A. Bid document submitted must have serially paginated and be properly bound.
- B. Tender Security declaration on Bidders letterhead but and strict adherence to format provided herewith Ref: page 53-54, non compliance shall lead to rejection of the bid
- C. Duly filled and signed form of tender
- D. Certificate of attendance to pre tender site visit
- E. Signed and stamped declaration that the bidder will not engage in any corrupt or fraudulent practice.
- F. **Certified copy** of Certificate of incorporation/business Registration Certificate
- G. **Certified** copy of current CR12, not older than six months from date of tender closing
- H. **Valid Copy** of Certificate of Registration in a target group (YOUTH, WOMEN OR PERSONS WITH DISABILITIES)
- I. Confidential Business Questionnaire Ref: tender document page 61-63
- J. copy Registration certificate with National Construction Authority as a general buildings contractor Category **NCA-6** or above, and a valid license
- K. **Certified** current Power of attorney to sign tender documents, not older than six months from date of tender closing .
- L. **Valid Tax** Compliance Certificate
- M. **Certified valid** Single Business Permit from respective county government
- N. **Tender specific** Authority to seek references from the tenderer's Bankers, detailing bank, branch and account number
- O. **Certified** Litigation history For the past three years
- P. audited accounts 2016/2017, 2017/2018 or **CERTIFIED** copies of bank statements covering a period of at least 24 months preceding tender closing date

1.2 Technical evaluation requirements

Any tenderer who fails to submit or meet the mandatory requirements will be disqualified and will not be eligible to proceed to technical evaluation stage

Score sheet				Marks	
1	Document presentation Total Marks 3	Presentation, page numbers and manner of binding		Orderly presentation 3	
2	EQUIPMENT Total Marks 10	Ownership list of required equipment and/or Current authorization letter of hiring from M&T or reputable hiring company	7 ton truck	No required 1 4	
			I ton pick up truck	1 3	
			Concrete mixer	1 1.5	
			Porker vibrator	1 1.5	
3	KEY PERSONNEL Total Marks 20	Provide List Key Site technical staff, their <ul style="list-style-type: none"> CVs and resume. – General Experience (CV), -Certified Qualification Certificate, 	Project manager	Degree in Civil Eng/architecture/quantity surveying 3	
				Exp. 5 Yrs and above Signed CV	3 2
				Higher national dip in building related course Exp. 3 Yrs and above Signed CV	2 2 2
			Site Agent	ordinary dip in building related course Exp. 3 Yrs and above Signed CV	2 2 2
				Exp. 3 Yrs and above Signed CV	2 2
				Exp. 3 Yrs and above Signed CV	2 2
4	PAST RELEVANT WORK EXPERIENCE Total marks 30 marks	Details of experience as main contractor in the construction of at least two works of a nature and complexity equivalent to the Works (kshs 35 million) over the last 5 years (to comply with this requirement, works cited should be at least 70 percent complete);	Job (1) kshs 35million or above- copy award letter or signed agreement	5	
			Recommendation letter from professional referee in respect to job (1) above	5	
			Referees registration certificate or practicing license Job (1) above	5	
			Job (1) kshs 35million or above- copy award letter or signed agreement	5	
			Recommendation letter from professional referee in respect to job (2) above	5	
			Referees registration certificate or practicing license Job (2) above	5	
5	LITIGATION HISTORY Total marks 3	Record of litigation in the previous 3 years. Attach Authenticated litigation history	2016	1	
			2017	1	
			2018	1	
6	FINANCIAL CAPABILITY Total marks 22	Certified audited accounts for the last Two (2) yrs , or bank statements last 24 months	Average construction turnover. 70 Million per financial year	2016-2017 6	
				2017-2018 6	
		Evidence of liquid assets or credit facilities, either from the bank credit	Kshs 10.5 million	10	

		facilities , credit facilities from major relevant materials suppliers, manufacturers or dealers all adding up to a minimum Cumulative facility of kshs 10.5 million		
7	WORK EXECUTION PROGRAMME	Working Schedule and Projected Cash flow	Work Programme	6
			Cash flow plan	6
TOTAL SCORE				100

A cut off point of **70** score shall apply meaning that any firm that scores below 70 points on the 100 points scale in technical evaluation, shall be deemed to be non responsive and thus not eligible for financial evaluation.

1.3 Financial Evaluation

Financial evaluation of bids that meet minimum technical criteria will be done. To ascertain compliance to requirements set out in the tender document.

To qualify for award the bidder must satisfy the following financial eligibility criteria

- (a) The bidder must concur to correction of errors in line with instruction to bidders clause 5.7
- (b) Prices quoted must be valid for 90 days

1.4 Award

The award of the Contract will be made to the lowest evaluated tenderer whose tender has been determined to be substantially responsive and in full compliance to the mandatory, technical and financial evaluation requirements.

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CONDITIONS OF CONTRACT

1. Definitions

1.1 In this Contract, except where context otherwise requires, the following terms shall be interpreted as indicated;

“Bill of Quantities” means the priced and completed Bill of Quantities forming part of the tender.

“Compensation Events” are those defined in Clause 24 hereunder.

“The Completion Date” means the date of completion of the Works as certified by the Project Manager, in accordance with Clause 31.

“The Contract” means the agreement entered into between the Employer and the Contractor as recorded in the Agreement Form and signed by the parties including all attachments and appendices thereto and all documents incorporated by reference therein to execute, complete, and maintain the Works,

“The Contractor” refers to the person or corporate body whose tender to carry out the Works has been accepted by the Employer.

“The Contractor’s Tender” is the completed tendering document submitted by the Contractor to the Employer.

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

“Days” are calendar days; **“Months”** are calendar months.

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

“The Defects Liability Certificate” is the certificate issued by Project Manager upon correction of defects by the Contractor.

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

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

“Dayworks” are Work inputs subject to payment on a time basis for labour and the associated materials and plant.

“Employer”, or the **“Procuring entity”** as defined in the Public Procurement Regulations (i.e. Central or Local Government administration, Universities, Public Institutions and Corporations, etc) is the party who employs the Contractor to carry out the Works.

“Equipment” is the Contractor’s machinery and vehicles brought temporarily to the Site for the execution of the Works.

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

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

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

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

“Site” is the area defined as such in the Appendix to Condition of Contract.

“Site Investigation Reports” are those reports that may be included in the tendering documents which are factual and interpretative about the surface and subsurface conditions at the Site.

“Specifications” means the Specifications of the Works included in the Contract and any modification or addition made or approved by the Project Manager.

“Start Date” is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with the Site possession date(s).

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

“Temporary works” are works designed, constructed, installed, and removed by the Contractor which are needed for construction or installation of the Works.

“A Variation” is an instruction given by the Project Manager which varies the Works.

“The Works” are what the Contract requires the Contractor to construct, install, and turnover to the Employer, as defined in the Appendix to Conditions of Contract.

2. Interpretation

2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning in English Language unless specifically defined. The Project Manager will provide instructions clarifying queries about these Conditions of Contract.

2.2 If sectional completion is specified in the Appendix to Conditions of Contract, reference in the Conditions of Contract to the Works, the Completion Date and the Intended Completion Date apply to any section of the Works (other than references to the Intended Completion Date for the whole of the Works).

2.3 The following documents shall constitute the Contract documents and shall be interpreted in the following order of priority;

- (1) Agreement,
- (2) Letter of Acceptance,
- (3) Contractor’s Tender,
- (4) Appendix to Conditions of Contract,
- (5) Conditions of Contract,
- (6) Specifications,
- (7) Drawings,
- (8) Bill of Quantities,
- (9) Any other documents listed in the Appendix to Conditions of Contract as forming part of the Contract.

Immediately after the execution of the Contract, the Project Manager shall furnish both the Employer and the Contractor with two copies each of all the Contract documents. Further, as and when necessary the Project Manager shall furnish the Contractor

always with a copy to the Employer] with three [3] copies of such further drawings or details or descriptive schedules as are reasonably necessary either to explain or amplify the Contract drawings or to enable the Contractor to carry out and complete the Works in accordance with these Conditions.

3. Language and Law

3.1 Language of the Contract and the law governing the Contract shall be English language and the Laws of Kenya respectively unless otherwise stated.

4 Project Manager's Decisions

4.1 Except where otherwise specifically stated, the Project Manager will decide contractual matters between the Employer and the Contractor in the role representing the Employer.

5 Delegation

5.1 The Project Manager may delegate any of his duties and responsibilities to others after a notifying the Contractor in writing.

6 Communications

6.1 Communication between parties shall be effective only when in writing. A notice shall be effective only when it is delivered.

7 Subcontracting

7.1 The Contractor may subcontract with the approval of the Project Manager, but may not assign the Contract without the approval of the Employer in writing. Subcontracting shall not alter the Contractor's obligations.

8 Other Contractors

8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities etc. as listed in the Appendix to Conditions of Contract and also with the Employer, as per the directions of the Project Manager. The Contractor shall also provide facilities and services for them. The Employer may modify the said List of Other Contractors etc., and shall notify the Contractor of any such modification.

9 Personnel

9.1 The Contractor shall employ the key personnel named in the Qualification Information, to carry out the functions stated in the said Information or other personnel approved by the Project Manager. The Project Manager will approve any proposed

replacement of key personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel listed in the Qualification Information. 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.

10 Works

- 10.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings. The Works may commence on the Start Date and shall be carried out 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.

11 Safety and Temporary Works

- 11.1 The Contractor shall be responsible for the design of temporary works. However before erecting the same, he shall submit his designs including specifications and drawings to the Project Manager and to any other relevant third parties for their approval. No erection of temporary works shall be done until such approvals are obtained.
- 11.2 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary works and all drawings prepared by the Contractor for the execution of the temporary or permanent Works, shall be subject to prior approval by the Project Manager before they can be used.
- 11.3 The Contractor shall be responsible for the safety of all activities on the Site.

12. Discoveries

- 12.1 Anything of historical or other interest or of significant value unexpectedly discovered on Site shall be the property of the Employer. The Contractor shall notify the Project Manager of such discoveries and carry out the Project Manager's instructions for dealing with them.

13. Work Program

- 13.1 Within the time stated in the Appendix to Conditions of Contract, 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. 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 Appendix to Conditions of Contract. If the Contractor does not submit an updated program within this period, the Project Manager may withhold the amount stated in the said Appendix 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. 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.

14. Possession of Site

14.1 The Employer 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 Appendix to Conditions of Contract, the Employer will be deemed to have delayed the start of the relevant activities, and this will be a Compensation Event.

15. Access to Site

15.1 The Contractor shall allow the Project Manager and any other person authorised 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.

16. Instructions

16.1 The Contractor shall carry out all instructions of the Project Manager which are in accordance with the Contract.

17. Extension or Acceleration of Completion Date

17.1 The Project Manager shall extend the Intended Completion Date if a Compensation Event occurs or a variation is issued which makes it impossible for completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining Work, which would cause the Contractor to incur additional cost. 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 in writing 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 caused by such failure shall not be considered in assessing the new (extended) Completion Date.

17.2 No bonus for early completion of the Works shall be paid to the Contractor by the Employer.

18. Management Meetings

18.1 A Contract management meeting shall be held monthly and attended by the Project Manager and the Contractor. Its business shall be to review the plans for the remaining Work and to deal with matters raised in accordance with the early warning procedure. The Project Manager shall record the minutes of management meetings and provide copies of the same to those attending the meeting and the Employer. 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.

19. Early Warning

19.1 The Contractor shall warn the Project Manager at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the Work, increase the Contract Price or delay the execution of the Works. The Project Manager may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.

19.2 The Contractor shall cooperate with the Project Manager in making and considering proposals on 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 instructions of the Project Manager.

20. Defects

20.1 The Project Manager shall inspect the Contractor's work and notify the Contractor of any defects that are found. Such inspection 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. Should the defect be found, the cost of uncovering and making good shall be borne by the Contractor, However, if there is no defect found, the cost of uncovering and making good shall be treated as a variation and added to the Contract Price.

20.2 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 Appendix to Conditions of Contract. The Defects Liability Period shall be extended for as long as defects remain to be corrected.

20.3 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. If the Contractor has not corrected a defect within the time specified in the Project Manager's notice, the Project Manager will assess the cost of having the defect corrected by other parties and such cost shall be treated as a variation and be deducted from the Contract Price.

21. Bills Of Quantities

21.1 The Bills of Quantities shall contain items for the construction, installation, testing and commissioning of the Work to be done by the Contractor. The Contractor will be paid for the quantity of the Work done at the rate in the Bills of Quantities for each item.

21.2 If the final quantity of the Work done differs from the quantity in the Bills of Quantities for the particular item by more than 25 percent and provided the change exceeds 1 percent of the Initial Contract price, the Project Manager shall adjust the rate to allow for the change.

21.3 If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bills of Quantities.

22. Variations

22.1 All variations shall be included in updated programs produced by the Contractor.

22.2 The Contractor shall provide the Project Manager with a quotation for carrying out the variations when requested to do so. The Project Manager shall assess the quotation, which shall be given within seven days of the request or within any longer period as may be stated by the Project Manager and before the Variation is ordered.

22.3 If the work in the variation corresponds with an item description in the Bills of Quantities and if in the opinion of the Project Manager, the quantity of work is not above the limit stated in Clause 21.2 or the timing of its execution does not cause the cost per unit of quantity to change, the rate in the Bills 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 Bills of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of Work.

- 22.4 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.
- 22.5 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.
- 22.6 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.
- 22.7 When the Program is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast.

23. Payment Certificates, Currency of Payments and Advance Payments

- 23.1 The Contractor shall submit to the Project Manager monthly applications for payment giving sufficient details of the Work done and materials on Site and the amounts which the Contractor considers himself to be entitled to. The Project Manager shall check the monthly application and certify the amount to be paid to the Contractor within 14 days. The value of Work executed and payable shall be determined by the Project Manager.
- 23.2 The value of Work executed shall comprise the value of the quantities of the items in the Bills of Quantities completed; materials delivered on Site, variations and compensation events. Such materials shall become the property of the Employer once the Employer has paid the Contractor for their value. Thereafter, they shall not be removed from Site without the Project Manager's instructions except for use upon the Works.
- 23.3 Payments shall be adjusted for deductions for retention. The Employer shall pay the Contractor the amounts certified by the Project Manager within 30 days of the date of issue of each certificate. If the Employer makes a late payment, the Contractor shall be paid simple interest on the late payment in the next payment. Interest shall be calculated on the basis of number of days delayed at a rate three percentage points above the Central Bank of Kenya's average rate for base lending prevailing as of the first day the payment becomes overdue.
- 23.4 If an amount certified is increased in a later certificate or as a result of an award by 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.

- 23.5 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.
- 23.6 The Contract Price shall be stated in Kenya Shillings. All payments to the Contractor shall be made in Kenya Shillings and foreign currency in the proportion indicated in the tender, or agreed prior to the execution of the Contract Agreement and indicated therein. The rate of exchange for the calculation of the amount of foreign currency payment shall be the rate of exchange indicated in the Appendix to Conditions of Contract. If the Contractor indicated foreign currencies for payment other than the currencies of the countries of origin of related goods and services the Employer reserves the right to pay the equivalent at the time of payment in the currencies of the countries of such goods and services. The Employer and the Project Manager shall be notified promptly by the Contractor of any changes in the expected foreign currency requirements of the Contractor during the execution of the Works as indicated in the Schedule of Foreign Currency Requirements and the foreign and local currency portions of the balance of the Contract Price shall then be amended by agreement between Employer and the Contractor in order to reflect appropriately such changes.
- 23.7 In the event that an advance payment is granted, the following shall apply:-
- a) On signature of the Contract, the Contractor shall at his request, and without furnishing proof of expenditure, be entitled to an advance not exceeding 10% (ten percent) of the original amount of the Contract. The advance shall not be subject to retention money.
 - b) No advance payment may be made before the Contractor has submitted proof of the establishment of deposit or a directly liable guarantee satisfactory to the Employer in the amount of the advance payment. The guarantee shall be in the same currency as the advance.
 - c) Reimbursement of the lump sum advance shall be made by deductions from the Interim payments and where applicable from the balance owing to the Contractor. Reimbursement shall begin when the amount of the sums due under the Contract reaches 20% of the original amount of the Contract. It shall have been completed by the time 80% of this amount is reached.

The amount to be repaid by way of successive deductions shall be calculated by means of the formula:

$$R = \frac{A(x^1 - x^{11})}{80 - 20}$$

Where:

R = the amount to be reimbursed

A = the amount of the advance which has been granted

X¹ = the amount of proposed cumulative payments as a percentage of the original amount of the Contract. This figure will exceed 20% but not exceed 80%.

X¹¹ = the amount of the previous cumulative payments as a percentage of the original amount of the Contract. This figure will be below 80% but not less than 20%.

- d) With each reimbursement the counterpart of the directly liable guarantee may be reduced accordingly.

24. Compensation Events

24.1 The following issues shall constitute Compensation Events:

- (a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Appendix to Conditions of Contract.
- (b) The Employer modifies the List of Other Contractors, etc., 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 the Work, which is then found to have no defects.
- (e) The Project Manager unreasonably does not approve a subcontract to be let.
- (f) Ground conditions are substantially more adverse than could reasonably have been assumed before issuance of the Letter of Acceptance from the information issued to tenderers

(including the Site investigation reports), from information available publicly and from a visual inspection of the Site.

- (g) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Employer or additional work required for safety or other reasons.
- (h) Other contractors, public authorities, utilities, or the Employer 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 effects on the Contractor of any of the Employer's risks.
- (j) The Project Manager unreasonably delays issuing a Certificate of Completion.
- (k) Other compensation events described in the Contract or determined by the Project Manager shall apply.

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

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

24.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having co-operated with the Project Manager.

24.5 Prices shall be adjusted for fluctuations in the cost of inputs only if provided for in the Appendix to Conditions of Contract.

24.6 The Contractor shall give written notice to the Project Manager of his intention to make a claim within thirty days after the event giving rise to the claim has first arisen. The claim shall be submitted within thirty days thereafter.

Provided always that should the event giving rise to the claim of continuing effect, the Contractor shall submit an interim claim within the said thirty days and a final claim within thirty days of the end of the event giving rise to the claim.

25. Price Adjustment

- 25.1 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 tenders for the Contract and the date of Completion. The adjustment shall be the change in the amount of tax payable by the Contractor.
- 25.2 The Contract Price shall be deemed to be based on exchange rates current at the date of tender submission in calculating the cost to the Contractor of materials to be specifically imported (by express provisions in the Contract Bills of Quantities or Specifications) for permanent incorporation in the Works. Unless otherwise stated in the Contract, if at any time during the period of the Contract exchange rates shall be varied and this shall affect the cost to the Contractor of such materials, then the Project Manager shall assess the net difference in the cost of such materials. Any amount from time to time so assessed shall be added to or deducted from the Contract Price, as the case may be.
- 25.3 Unless otherwise stated in the Contract, the Contract Price shall be deemed to have been calculated in the manner set out below and in sub-clauses 25.4 and 25.5 and shall be subject to adjustment in the events specified there under;
- (i) The prices contained in the Contract Bills of Quantities shall be deemed to be based upon the rates of wages and other emoluments and expenses as determined by the Joint Building Council of Kenya (J.B.C.) and set out in the schedule of basic rates issued 30 days before the date for submission of tenders. A copy of the schedule used by the Contractor in his pricing shall be attached in the Appendix to Conditions of Contract.
 - (ii) Upon J.B.C. determining that any of the said rates of wages or other emoluments and expenses are increased or decreased, then the Contract Price shall be increased or decreased by the amount assessed by the Project Manager based upon the difference, expressed as a percentage, between the rate set out in the schedule of basic rates issued 30 days before the date for submission of tenders and the rate published by the J.B.C. and applied to the quantum of labour incorporated within the amount of Work remaining to be executed at the date of publication of such increase or decrease.

- (iii) No adjustment shall be made in respect of changes in the rates of wages and other emoluments and expenses which occur after the date of Completion except during such other period as may be granted as an extension of time under clause 17.0 of these Conditions.
- 25.4 The prices contained in the Contract Bills of Quantities shall be deemed to be based upon the basic prices of materials to be permanently incorporated in the Works as determined by the J.B.C. and set out in the schedule of basic rates issued 30 days before the date for submission of tenders. A copy of the schedule used by the Contractor in his pricing shall be attached in the Appendix to Conditions of Contract.
- 25.5 Upon the J.B.C. determining that any of the said basic prices are increased or decreased then the Contract Price shall be increased or decreased by the amount to be assessed by the Project Manager based upon the difference between the price set out in the schedule of basic rates issued 30 days before the date for submission of tenders and the rate published by the J.B.C. and applied to the quantum of the relevant materials which have not been taken into account in arriving at the amount of any interim certificate under clause 23 of these Conditions issued before the date of publication of such increase or decrease.
- 25.6 No adjustment shall be made in respect of changes in basic prices of materials which occur after the date for Completion except during such other period as may be granted as an extension of time under clause 17.0 of these Conditions.
- 25.7 The provisions of sub-clause 25.1 to 25.2 herein shall not apply in respect of any materials included in the schedule of basic rates.

26. Retention

- 26.1** The Employer shall retain from each payment due to the Contractor the proportion stated in the Appendix to Conditions of Contract until Completion of the whole of the Works. On Completion of the whole of the Works, half the total amount retained shall be repaid to the Contractor and the remaining half when the Defects Liability Period has passed and the Project Manager has certified that all defects notified to the Contractor before the end of this period have been corrected.

27. Liquidated Damages

- 27.1 The Contractor shall pay liquidated damages to the Employer at the rate stated in the Appendix to Conditions of Contract for each day that the actual Completion Date is later than the Intended Completion Date. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not alter the Contractor's liabilities.

27.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Project Manager shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment certificate. The Contractor shall be paid interest on the overpayment, calculated from the date of payment to the date of repayment, at the rate specified in Clause 23.30

28. Securities

28.1 The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a reputable bank acceptable to the Employer, and denominated in Kenya Shillings. The Performance Security shall be valid until a date 30 days beyond the date of issue of the Certificate of Completion.

29. Dayworks

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

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

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

30. Liability and Insurance

30.1 From the Start Date until the Defects Correction Certificate has been issued, the following are the Employer'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 Employer 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 Employer or in Employer's design, or due to war or radioactive contamination directly affecting the place where the Works are being executed.
- 30.2 From the Completion Date until the Defects Correction Certificate has been issued, the risk of loss of or damage to the Works, Plant, and Materials is the Employer's risk except loss or damage due to;
 - (a) a defect which existed on or before the Completion Date.
 - (b) an event occurring before the Completion Date, which was not itself the Employer's risk
 - (c) the activities of the Contractor on the Site after the Completion Date.
- 30.3 From the Start Date until the Defects Correction Certificate has been issued, the risks of personal injury, death and loss of or damage to property (including, without limitation, the Works, Plant, Materials, and Equipment) which are not Employer's risk are Contractor's risks.

The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts stated in the Appendix to Conditions of Contract for the following events;

 - (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.
- 30.4 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 required to rectify the loss or damage incurred.
- 30.5 If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.
- 30.6 Alterations to the terms of insurance shall not be made without the approval of the Project Manager. Both parties shall comply with any conditions of insurance policies.

31. Completion and taking over

31.1 Upon deciding that the Works are complete, the Contractor shall issue a written request to the Project Manager to issue a Certificate of Completion of the Works. The Employer shall take over the Site and the Works within seven [7] days of the Project Manager's issuing a Certificate of Completion.

32. Final Account

32.1 The Contractor shall issue the Project Manager with a detailed account of the total amount that the Contractor considers payable to him by the Employer 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 30 days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 30 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. The Employer shall pay the Contractor the amount due in the Final Certificate within 60 days.

33. Termination

33.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract. These

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 authorised 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 Contractor is declared 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 Employer to the Contractor within 30 days (for Interim Certificate) or 60 days (for Final Certificate) of issue.
- (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.
- 33.2 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 Clause 33.1 above, the Project Manager shall decide whether the breach is fundamental or not.
- 33.3 Notwithstanding the above, the Employer may terminate the Contract for convenience.
- 33.4 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. The Project Manager shall immediately thereafter arrange for a meeting for the purpose of taking record of the Works executed and materials , goods, equipment and temporary buildings on Site.

34. Payment Upon Termination

- 34.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the Work done and materials ordered and delivered to Site up to the date of the issue of the certificate. Additional liquidated damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable by the Contractor.
- 34.2 If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, 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.
- 34.3 The Employer may employ and pay other persons to carry out and complete the Works and to rectify any defects and may enter upon the Works and use all materials on the Site, plant, equipment and temporary works.
- 34.4 The Contractor shall, during the execution or after the completion of the Works under this clause remove from the Site as and when required, within such reasonable time as the Project Manager may in writing specify, any temporary buildings, plant, machinery, appliances, goods or materials belonging to or hired by him, and in default the Employer may (without being responsible for any loss or damage) remove and sell any such property of the Contractor, holding the proceeds less all costs incurred to the credit of the Contractor.

Until after completion of the Works under this clause the Employer shall not be bound by any other provision of this Contract to make any payment to the Contractor, but upon such completion as aforesaid and the verification within a reasonable time of the accounts therefore the Project Manager shall certify the amount of expenses properly incurred by the Employer and, if such amount added to the money paid to the Contractor before such determination exceeds the total amount which would have been payable on due completion in accordance with this Contract the difference shall be a debt payable to the Employer by the Contractor; and if the said amount added to the said money be less than the said total amount, the difference shall be a debt payable by the Employer to the Contractor.

35. Release from Performance

35.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer 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 and materials on site before receiving it.

36. Corrupt gifts and payments of commission

The Contractor shall not;

- (a) Offer or give or agree to give to any person in the service of the Employer any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other Contract for the Employer or for showing or forbearing to show favour or disfavour to any person in relation to this or any other contract for the Employer.
- (b) Enter into this or any other contract with the Employer in connection with which commission has been paid or agreed to be paid by him or on his behalf or to his knowledge, unless before the Contract is made particulars of any such commission and of the terms and conditions of any agreement for the payment thereof have been disclosed in writing to the Employer.

Any breach of this Condition by the Contractor or by anyone employed by him or acting on his behalf (whether with or without the knowledge of the Contractor) shall be an offence under the provisions of the Public Procurement Regulations issued under The Exchequer and Audit Act Cap 412 of the Laws of Kenya.

37. Settlement Of Disputes

37.1 In case any dispute or difference shall arise between the Employer or the Project Manager on his behalf and the Contractor, either during the progress or after the completion or termination of the Works, such 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 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

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

37.2 The arbitration may be on the construction of this Contract or on any matter or thing of whatsoever nature arising thereunder or in connection therewith, including any matter or thing left by this Contract to the discretion of the Project Manager, or the withholding by the Project Manager of any certificate to which the Contractor may claim to be entitled to or the measurement and valuation referred to in clause 23.0 of these conditions, or the rights and liabilities of the parties subsequent to the termination of Contract.

37.3 Provided that no arbitration proceedings shall be commenced on any dispute or difference where notice of a dispute or difference 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.

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

37.5 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:

- 37.5.1 The appointment of a replacement Project Manager upon the said person ceasing to act.
 - 37.5.2 Whether or not the issue of an instruction by the Project Manager is empowered by these Conditions.
 - 37.5.3 Whether or not a certificate has been improperly withheld or is not in accordance with these Conditions.
 - 37.5.4 Any dispute or difference arising in respect of war risks or war damage.
- 37.6 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 Employer and the Contractor agree otherwise in writing.
- 37.7 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.
- 37.8 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.
- 37.9 The award of such Arbitrator shall be final and binding upon the parties.

SECTION V

APPENDIX TO CONDITIONS OF CONTRACT

THE EMPLOYER IS

Name: **KENYA WILDLIFE SERVICE**

Address: **P.O BOX 40241 NAIROBI**

Name of Authorised Representative:

THE DIRECTOR GENERAL KENYA WILDLIFE SERVICE

Telephone: **020-600800/6002345**

The Project Manager is

Name: **HEAD BUILDINGS AND FENCES DEPARTMENT**

Address: **P.O. Box 40241, NAIROBI.**

Telephone: **(020) 6000800 Ext 2299**

The name and identification number of the Contract is **KWS/OT/BF/18/2018-2019** TENDER FOR THE PROPOSED CONSTRUCTION OF STAFF RESIDENTIAL HOUSES AT KWS NGONG STATION

The commencement Date shall be **AGREED WITH THE PROJECT MANAGER**

The Intended Completion Date for the whole of the Works shall be **9 MONTHS AFTER DATE OF COMMENCEMENT**

The following documents also form part of the Contract:

BILLS OF QUANTITIES, CONTRACT DRAWINGS AND ANY OTHER AUTHORIZED DRAWINGS WHICH MAY BE ISSUED

The Contractor shall submit a revised program for the Works within **14** days of delivery of the Notification/Letter of Acceptance.

The Site Possession Date shall be **TWO WEEKS PRIOR TO COMMENCEMENT DATE**

The Site is located AT KWS NGONG STATION

The Defects Liability period is 180 days.

Other Contractors, utilities etc., to be engaged by the Employer on the Site Include those for the execution of;

1. None .
2. ” .
3. _____
4. ” _____

The minimum insurance covers shall be;

1. The minimum cover for insurance of the Works and of Plant and Materials in respect of the Contractor’s faulty design is NIL
2. The minimum cover for loss or damage to Equipment is NIL
3. The minimum for insurance of other property is KSH. 5,000,000.00
4. The minimum cover for personal injury or death insurance
 - For the Contractor’s employees is KSH. 2,500,000.00
 - And for other people is KSH. 2,500,000.00

The following events shall also be Compensation Events:

1. **NONE (ONLY AS LISTED IN CLAUSE 24 OF THE CONDITIONS OF CONTRACT)**
2. _____
3. _____
4. _____

The period between Program updates is 14 days.

The amount to be withheld for late submission of an updated Program is **EQUAL TO 25% OF CERTIFICATE**

The proportion of payments retained is 10 percent, subject to release of one moiety upon attainment of practical completion.

The Price Adjustment Clause **shall not** apply

The liquidated damages for the whole of the Works is **Kshs. 22,500**(per week)

The Performance Security shall be for the following minimum amounts equivalent as a percentage of the Contract Price **5** percent (%)

The Completion Period for the Works is **9 MONTHS**

Advance Payment **MAY** be granted, in accordance clause 23.7 of conditions of contract

SECTION VI – STANDARD FORMS

- (i) **Form of tender;** This form should be dully filled and signed by authorized person
- (ii) **Form of Agreement;** The form of agreement shall not be completed by the tenderer at the time of submitting the tender, contract form shall be completed after contract award and should incorporate the accepted contract price
- (iii) **Form of Tender Security Declaration** when required by the tender documents the tenderer shall provide tender security declaration either in the format included but printed on bidders letterhead. Alternative format shall require approval of employer beforehand
- (iv) **Performance Guarantee;** the performance security should not be completed by the tenderer at the time or tender preparation. Only successful tenderers will be required to provide performance security in the form provided herein or in another form acceptable to the employer
- (v) **Bank Guarantee for Advance Payment;** This form should not be completed by tenderers at the time for submission, it will be completed when advance payment is requested for by the successful bidder and agreed by the employer : this form then must be completed and signed by the authorized officials of the bank
- (vi) **Qualification Information;** This form must be completed fully and duly signed by the bidder
- (vii) **Tender Questionnaire** This form must be completed fully and duly signed by the bidder
- (viii) **Confidential Business Questionnaire** This form must be completed fully and duly signed by the bidder
- (ix) **declaration of corrupt and fraudulent practices** -must be completed fully by the bidder
- (x) **pretender site visit/inspection** certificate - must be completed fully by the bidder

FORM OF TENDER

TO: *Director General Kenya Wildlife Service_ [Name of Employer]*
_____ *[Date]*

[Name of Contract]

Dear Sir,

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, install and complete such Works and remedy any defects therein for the sum of Kshs. _____ *[Amount in figures] Kenya Shillings* _____ *[Amount in words]*
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 Appendix to Conditions of Contract.
3. We agree to abide 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 notification/acceptance thereof, shall constitute a binding Contract between us.
5. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____ 20_____

Signature _____ in the capacity of _____

duly authorized to sign tenders for and on behalf of _____ *[Name of contractor]*
of _____ *[Address of contractor]*

Witness; Name _____

Address _____

Signature _____

NOTIFICATION/LETTER OF ACCEPTANCE

[letterhead paper of the Employer]

To: _____

RE: Tender No. _____

Tender Name _____

This is to notify that the contract/s stated below under the above mentioned tender have been awarded to you, at a corrected bid price of kshs..... subject to lapse of fourteen without request for review of award, by other bidders.

1. Please acknowledge receipt of this letter of notification signifying your acceptance.
2. The contract/contracts shall be signed by the parties within 30 days of the date of this letter but not earlier than 14 days from the date of the letter.
3. Prior to signing of the agreement you will be expected to furnish the employer with the following as outlined in appendix to conditions of contract
 - An irrevocable and unconditional performance guarantee equivalent to 5% of the contract price.
 - Programme of works showing the general methods, arrangements, order timings and sequence for all activities of the works.
 - Insurance policies as listed in appendix to conditions of contract.
4. You may contact the officer(s) whose particulars appear below on the subject matter of this letter of notification of award.

(FULL PARTICULARS) _____

SIGNED FOR ACCOUNTING OFFICER

FORM OF AGREEMENT

THIS AGREEMENT, made the _____ day of _____ 20 _____
between _____ of [or whose registered
office is situated at] _____
(hereinafter called “the Employer”) of the one part AND
_____ of or whose registered
office is situated at] _____
(hereinafter called “the Contractor”) of the other part.

WHEREAS THE Employer is desirous that the Contractor executes

_____ *(name and identification number of Contract)* (hereinafter called “the Works”) located at _____ *[Place/location of the Works]* and the Employer has accepted the tender submitted by the Contractor for the execution and completion of such Works and the remedying of any defects therein for the Contract Price of Kshs _____ *[Amount in figures]*, Kenya Shillings _____ *[Amount in words]*.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and shall be read and construed as part of this Agreement i.e.
 - (i) Letter of Acceptance
 - (ii) Form of Tender
 - (iii) Conditions of Contract Part I
 - (iv) Conditions of Contract Part II -Appendix to Conditions of Contract
 - (v) Specifications
 - (vi) Drawings
 - (vii) Priced Bills of Quantities
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer 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 thereto have caused this Agreement to be executed the day and year first before written.

The common Seal of _____

Was hereunto affixed in the presence of _____

Signed Sealed, and Delivered by the said _____

Binding Signature of Employer _____

In the presence of (i) Name _____

Address _____

Signature _____

Binding Signature of Contractor _____

In the presence of (i) Name _____

Address _____

Signature _____

TENDER-SECURITY DECLARATION FORM

{To be filled and submitted on Tenderer's letter head}

To: Director General
Kenya Wildlife Service
P.O. BOX 40241
NAIROBI

RE: **Tender No.**_____

Tender Name_____

We, the undersigned, declare that:

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

2. We accept that we will automatically be suspended from being eligible for Tendering in any contract with the Procuring Entity for the period of time of 3 years starting on date of tender closing, if we are in breach of our obligation(s) under the Tender conditions, because we:-

a) Have withdrawn our Tender during the period of Tender validity specified in the Form of Tender; or

b) Having been notified of the acceptance of our Tender by the Procuring Entity during the period of Tender validity,

(i). Fail or refuse to execute the Contract, if and when required, or

(ii). Fail or refuse to furnish the Performance Security, in accordance with the ITT.

3. We understand this Tender Securing Declaration shall expire if we are not the successful Tenderer, upon the earlier of:-

(i) Our receipt of your notification to us of the name of the successful Tenderer; or

(ii) Thirty days after the expiration of our Tender.

4. We understand that if we are 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.

Full names of person signing _____

Signature _____: in the capacity of _____ duly authorized to sign for and on behalf of _____ *[Name of contractor]* of _____ *[Address of contractor]*

Dated on _____ day of _____, [insert date of signing]

Corporate Seal _____

PERFORMANCE GUARANTEE

To: _____ (Name of Employer) _____ (Date)
_____ (Address of Employer)

Dear Sir,

WHEREAS _____ (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ (hereinafter called "the Works");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Kshs. _____ (amount of Guarantee in figures) Kenya Shillings _____ (amount of Guarantee in words), and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of Kenya Shillings _____ (amount of Guarantee in words) as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

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

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

This guarantee shall be valid until the date of issue of the Certificate of practical Completion.

SIGNATURE AND SEAL OF THE GUARANTOR _____

Name of guarantor _____

Address _____

Date _____

BANK GUARANTEE FOR ADVANCE PAYMENT

To: _____ [name of Employer] _____ (Date)
_____ [address of Employer]

Gentlemen,

Ref: _____ [name of Contract]

In accordance with the provisions of the Conditions of Contract of the above-mentioned Contract, We, _____ [name and Address of Contractor] (hereinafter called "the Contractor") shall deposit with _____ [name of Employer] a bank guarantee to guarantee his proper and faithful performance under the said Contract in an amount of Kshs. _____ [amount of Guarantee in figures] Kenya Shillings _____ [amount of Guarantee in words].

We, _____ [bank or financial institution], as instructed by the Contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to _____ [name of Employer] on his first demand without whatsoever right of objection on our part and without his first claim to the Contractor, in the amount not exceeding Kshs _____ [amount of Guarantee in figures] Kenya Shillings _____ [amount of Guarantee in words], such amount to be reduced periodically by the amounts recovered by you from the proceeds of the Contract.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder or of any of the Contract documents which may be made between _____ [name of Employer] and the Contractor, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

No drawing may be made by you under this guarantee until we have received notice in writing from you that an advance payment of the amount listed above has been paid to the Contractor pursuant to the Contract.

This guarantee shall remain valid and in full effect from the date of the advance payment under the Contract until _____ (name of Employer) receives full payment of the same amount from the Contract.

Yours faithfully,

Signature and Seal _____

Name of the Bank or financial institution _____

Address _____

Date _____

Witness: Name: _____

Address: _____

Signature: _____

Date: _____

QUALIFICATION INFORMATION

1. Individual Tenderers or Individual Members of Joint Ventures

1.1 Constitution or legal status of tenderer (attach copy or Incorporation Certificate);

Place of registration: _____

Principal place of business _____

Power of attorney of signatory of tender _____

1.2 Total annual volume of construction work performed in the last five years

Year	Volume	
	Currency	Value

1.3 Work performed as Main Contractor on works of a similar nature and volume over the last five years. Also list details of work under way or committed, including expected completion date.

Project name	Name of client and contact person	Type of work performed and year of completion	Value of Contract
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

1.4 Major items of Contractor's Equipment proposed for carrying out the Works. List all information requested below.

Item of Equipment	Description, Make and age (years)	Condition(new, good, poor) and number available	Owned, leased (from whom?), or to be purchased (from whom?)
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	
(etc.)			

- 1.5 Qualifications and experience of key personnel proposed for administration and execution of the Contract. Attach biographical data.

Position	Name	Years of experience (general)	Years of experience in proposed position
Project Manager, Site agent, foreman			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
(etc.)			

- 1.6 Financial reports for the two years: balance sheets, profit and loss statements, auditor's reports, etc OR bank statement for the last 24 months. List below and attach copies.

- 1.7 Evidence of access to financial resources to meet the qualification requirements: cash in hand, lines of credit, etc. List below and attach copies of supportive documents.

- 1.8 Name, address and telephone, telex and facsimile numbers of banks that may provide reference if contacted by the Employer.

- 1.9 Statement of compliance with the requirements of Clause 1.2 of the Instructions to Tenderers.

- 1.10 Proposed program (work method and schedule) for the whole of the Works and cash flow projection

2 Joint Ventures

- 2.4 The information listed in 1.1 – 1.10 above shall be provided for each partner of the joint venture.
- 2.5 The information required in 1.11 above shall be provided for the joint venture.
- 2.6 Attach the power of attorney of the signatory(ies) of the tender authorizing signature of the tender on behalf of the joint venture
- 2.7 Attach the Agreement among all partners of the joint venture (and which is legally binding on all partners), which shows that:
 - a) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
 - b) one of the partners will be nominated as being in charge, authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture; and
 - c) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge.

TENDER QUESTIONNAIRE

Please fill in block letters.

1. Full names of tenderer
.....
2. Full address of tenderer to which tender correspondence is to be sent
(unless an agent has been appointed below)
.....
3. Telephone number (s) of tenderer
.....
4. Telex address of tenderer
.....
5. Name of tenderer's representative to be contacted on matters of the
tender during the tender period
.....
6. Details of tenderer's nominated agent (if any) to receive tender notices.
This is essential if the tenderer does not have his registered address in
Kenya (name, address, telephone, telex)
.....
.....

Signature of Tenderer

Make copy and deliver to: _____ (*Name of Employer*)

CONFIDENTIAL BUSINESS QUESTIONNAIRE

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

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

Part 1 – General

Business Name

Location of business premises; Country/Town.....

Plot No..... Street/Road

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

Nature of Business.....

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

Maximum value of business which you can handle at any time: K. pound.....

Name of your bankers.....

Branch.....

Part 2 (a) – Sole Proprietor

Your name in full..... Age.....

Nationality..... Country of Origin.....

*Citizenship details

Part 2 (b) – Partnership

Give details of partners as follows:

	<i>Name in full</i>	<i>Nationality</i>	<i>Citizenship Details</i>	<i>Shares</i>
1
2
3

Part 2(c) – Registered Company:

Private or public.....

State the nominal and issued capital of the Company-

Nominal Kshs.....

Issued Kshs.....

Give details of all directors as follows:

Name in full. Nationality. Citizenship Details*. Shares.

1.
.....

2.
.....

3.
.....

4.
.....

Part 2(d) – Interest in the Firm:

Is there any person / persons in(Name of Employer) who has interest in this firm? Yes/No.....(Delete as necessary)

I certify that the information given above is correct.

.....
(Title)

.....
(Signature)

.....
(Date)

- Attach proof of citizenship

DECLARATION OF CORRUPT AND FRAUDULENT PRACTICES/DEBARMENT

Date:

To: DIRECTOR GENERAL
KENYA WILDLIFE SERVICE
P. O. BOX 40241-00100
NAIROBI

The Bidder (name and address).....
.....
.....
.....

declares the following:

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

(Signature)(Date).....

Official Stamp:.....

(To be signed by authorized representative and officially stamped)

CERTIFICATE OF BIDDER'S PRE-BID SITE VISIT/INSPECTION

1. This is to certify that I,

.....

(Name of the Bidder's Authorized Representative),

being the Authorized Representative /Agents of

.....

(Name of the Bidder) has undertaken the inspection the site in accordance with the Instructions to Tenderers, for purposes of bidding for the proposed works tender no. **KWS/OT/BF/18/2018-2019**

2. Having studied the Tender Documents, I carefully examined the site to make myself familiar with the local conditions likely to influence the works and cost thereof.

3. I further certify that I am satisfied with the description of the works and that I understand perfectly the scope of the works as specified and implied in the performance of the Contract

Signed Date

Bidders Representative

Signed Date

KWS Officer presiding the pre-bid site visit

SECTION VII

PREAMBLES & PRELIMINARIES

1. The contract shall be for the whole of the works, as described in the bills of quantities
2. The bidder shall fill in prices for all items of works described in the specifications and drawings. Items for which no price is entered by the bidder shall be deemed to have been covered by other prices in the bills of quantities.
3. The bidder shall bear all costs associated with preparation and submission of the bids
4. The prices quoted by the bidder shall not be subject to adjustment during performance of the contract.
5. The preliminary section of the tender document shall be keenly and consistently priced and shall not be expected to exceed 10% of bid sum in any event
6. All prices inserted by the bidder **shall be deemed inclusive** of all government taxes payable 28 days prior to submission of tender
7. Abbreviations

<i>C.M.</i>	Shall mean cubic metre
<i>S.M.</i>	Shall mean square metre
<i>L.M.</i>	Shall mean linear metre
<i>MM</i>	Shall mean Millimetre
<i>Kg.</i>	Shall mean Kilogramme
<i>No.</i>	Shall mean Number
<i>Prs.</i>	Shall mean Pairs
<i>B.S.</i>	Shall mean the British Standard Specification Published by the British Standards Institution, 2 Park Street, London W.I., England.
<i>Ditto</i>	Shall mean the whole of the preceding description except as qualified in the description in which it occurs.
<i>m.s.</i>	Shall mean measured separately.
<i>a.b.d</i>	Shall mean as before described.

SECTION VII PRELIMINARIES

<p>Item No.</p> <p>A.</p> <p>I)</p> <p>II)</p> <p>III)</p> <p>IV)</p> <p>B.</p> <p>C</p>	<p>PRELIMINARIES</p> <p>Parties to the contract</p> <p><u>The Employer</u>. The “Employer” is Kenya Wildlife Service, P.O. Box 40241, Nairobi</p> <p><u>Project Manager</u>: the “PM” is Head Buildings and fences Department, Kenya Wildlife Service, P.O. Box 40241, Nairobi The term "P.M." wherever used in these Bills of Quantities shall be deemed to imply the Project Manager as defined in Condition 1 of the Conditions of Contract or such person or persons as may be duly authorized to represent him</p> <p><u>Architect</u> : The term "Architect" wherever used in these Bills of Quantities shall be deemed shall be deemed to mean "The P.M." as defined above</p> <p><u>Quantity Surveyor</u> : The term "Quantity Surveyor" wherever used in these Bills of Quantities shall be deemed shall be deemed to mean "The P.M." as defined above</p> <p>Description of site</p> <p>The site of the works is situated at In KWS Ngong Station</p> <p>The contractor/bidder shall be deemed to have visited the site and assessed the site conditions, current set up and the nature of ongoing business within the said premises and any other matters that he may deem necessary for the execution of works. Any claims arising therefrom as a result of failure by the bidder to visit the site will not be considered.</p> <p>There shall <u>be a mandatory pre-tender site visit</u> as stipulated in the <u>advert</u> inviting thee bids. Non attendance shall result in automatic disqualification of the bid</p> <p>Description of works and scope of contract</p> <p>The Works to be executed under this Contract comprise the following works but not necessarily limited to the following:-</p> <p>Construction of 3 No. blocks, each block consisting of 2 units of 2 bedroom houses. Each block measuring approximately 132 square meters in floor area as measured and described in the bills of quantities and as shown on architectural drawings.</p>	<p><u>Kshs</u></p>
<p></p>	<p>Amount Carried to collection</p>	<p></p>

Item No.	Particular preliminaries con't	<u>KShs.</u>
A.	<p>Form of Agreement and Conditions of Contract</p> <p>The Articles of Agreement and Conditions of Contract for Buildings and associated External Works, October 2006 edition forming a part of this tender document, These are numbered from 1 to 37 as set out in pages 22 to 47 of tender documents</p>	
B.	<p>Conditions of Contract</p> <p>The contractor's attention is drawn to the text of the said conditions of contract and he is to allow in his prices for any costs arising therefrom or in connection therewith.</p>	
C.	<p>Government taxes</p> <p>The tender sum <u>shall be deemed inclusive</u> of all government taxes payable 30 days prior to submission of tender. The employer shall comply with all legal provisions requiring deduction and remittance of such taxes to the Kenya Revenue Authority. <u>No claims shall be entertained from the contractor for non compliance with this clause</u></p>	
D	<p>Measurements</p> <p>In the event of any discrepancies arising between the Bills of Quantities and the actual works, the site measurements shall generally take precedence. However, such discrepancies between any contract documents shall immediately be referred to the PROJECT MANAGER in accordance with Clause 22 of the Conditions of Contract. The discrepancies shall then be treated as a variation and be dealt with in accordance with Clause 22 of the said Conditions.</p>	
	Amount Carried to collection	

<p>Item No.</p> <p>A.</p> <p>B.</p>	<p>GENERAL PRELIMINARIES</p> <p>Sufficiency of tender</p> <p>The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and of the rates and prices stated in the priced bills of quantities which rates and prices shall cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the Works.</p> <p>Site works</p> <p>The contractor shall allow for among other things the following:-</p> <ul style="list-style-type: none"> - Providing all materials, tools, plant and scaffolding - Complying with local authority regulations and by-laws - Providing adequate supervision - Transporting materials and workmen etc., to and from the site. No erection of labour camps shall be allowed on site. - Complying with all relevant Acts governing construction works and employment - Security for the works, stores etc. - Cleaning and making good damages to all access roads - Complying with Police regulations - Providing and maintaining a progress schedule - Overtime working - Testing of materials as required - Sanitation of the works - Protecting the works and all plant and materials - Cleaning the site on completion - Training Levy - NCA levy - Maintaining adequate site record and diary - Site safety and first aid facilities - Standards Levy - Site clearance - Contractors all risk policy - Performance Bond - Value added tax (VAT) - Withholding tax 	<p>KShs</p>
	<p>Amount Carried to collection</p>	

<p>Item No.</p>	<p>General preliminaries (CON'T)</p> <p>A. Existing Property</p> <p>The Contractor shall take every precaution to avoid damage to all existing property including hard and soft landscaping, buildings and access routes. The Contractor will be held responsible for all damage thereto and shall make good all such damage when directed all at his own expense. The Contractor shall satisfy himself prior to commencing the work of the type, location and depth of all existing services and other works not visible and shall allow for providing all necessary protection required.</p> <p>Any damage or disturbance caused shall be reported immediately to the Engineer and made good at the Contractor's expense.</p> <p>Should it be found necessary to interrupt any service, prior approval of the method and timing must be obtained in writing from the Engineer.</p> <p>B. Access to the site</p> <p>Means of access to the Site shall be agreed with the project manager prior to commencement of the work.</p> <p>C. Hoarding</p> <p>Contractor shall provide, maintain and clear away on completion hoarding required for the work areas, access ways and storage areas. The hoarding shall be 3m high G.C.I, or such other material as may be approved by the project manager. Advertisements will not be permitted on the hoarding or any other part of the site.</p> <p>D. Power and Water</p> <p>The Contractor shall be responsible for the provision of power and water supplies for use in the works. The contractor shall have satisfied himself as to the source and nature of these services and his tender shall be deemed to include for all such requirements and other matters necessary for the completion of the works.</p>	<p>KShs</p>
	<p>Amount Carried to collection</p>	

<p>Item No</p>	<p>General preliminaries (CON'T)</p> <p>A. Temporary buildings</p> <p>The Contractor must provide for all temporary buildings required for the storage of materials and he must maintain them and clear them away on completion of the works to the satisfaction of the Engineer. In addition the contract must provide and furnish a suitable site office, to be used by site agent and clerk of works in course of contract duration in addition to hosting site meetings.</p> <p>B. Signboard</p> <p>Allow for providing, erecting, maintaining throughout the course of the Contract and afterwards clearing away a 3No. Signboards as designed specified and approved by the Project Manager.</p> <p>C. Contractor's superintendence/site agent</p> <p>The Contractor shall constantly keep on the works literate English speaking Agent or Representative, competent and experienced in the kind of work involved who shall give his whole experience in the kind of work involved and shall give his whole time to the superintendence of the works. Such Agent or Representative shall receive on behalf of the Contractor all directions and instructions from the Project Manager and such directions shall be deemed to have been given to the Contractor in accordance with the Conditions of Contract.</p> <p>D. Specialist works</p> <p>All specialist works shall be carried out by domestic subcontractors with exception of air conditioning system</p>	<p>KShs</p>
	<p>Amount Carried to collection</p>	

<p>Item</p> <p>No</p> <p>A.</p> <p>B</p>	<p>General preliminaries (CON'T)</p> <p>Site Office</p> <p>The Contractor must provide, equip, furnish and maintain a site office to be jointly shared by clerks of works and site agent and adequate enough to host a site meeting. Ie to mean an office not measuring less than 40 square metres in floor area , NB: it is the intent of the project team to hold site meetings in the site office</p> <p>Copyright</p> <p>The copyright of these documents is vested in the Quantity Surveyor and they may not be reproduced in whole or in part without the Quantity surveyor's written permission.</p> <p>Amount Carried to collection below</p> <p style="text-align: center;"><u>Collection</u></p> <p style="text-align: center;">Page 67</p> <p style="text-align: center;">Page 68</p> <p style="text-align: center;">Page 69</p> <p style="text-align: center;">Page 70</p> <p style="text-align: center;">Page 71</p> <p style="text-align: center;">Page 72</p> <p style="text-align: center;">Page 73 (above)</p>	<p>KShs</p>
	<p>AMOUNT CARRIED TO GRAND SUMMARY- pg 31 of 31</p>	

SECTION IX

BILLS OF QUANTITIES

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE PROPOSED BLOCK COMPRISNG OF 2 UNITS OF TWO BEDROOM - HOUSE KWS NGONG STATION</u>					
	<u>Element No. 1</u> <u>Substructures (All Provisional)</u>					
	<u>Site Preparation</u>					
A.	Clear site of shrubs, grass small trees of girth not exceeding 600mm and grub roots and remove debris from site as directed by the engineer	SM	210			
B.	Cut down trees of girth 600-900mm; cut the tree into logs and grub up all roots and remove the arising materials from site; set the logs aside for future use by the client.	No.	1			
C.	Excavate vegetable soil 200 mm (average) Deep: spread on site as directed	SM	210			
D.	Excavate to reduce levels n.e 1.5metres deep from stripped levels (cut and fill)	CM	225			
E.	Ditto over 1.5M but not exceeding 3.0M	CM	150			
F.	Excavate foundation trench not exceeding 1.50 metres deep from reduced level	CM	134			
G.	Excavate pits for column bases not exceeding 1.50 metres deep from reduced level	CM	9			
H.	Extra over all excavations for excavating in rock	CM	12			
	<u>Disposal of excavated materials</u>					
I.	Backfill and compact selected excavated materials	CM	455			
J.	Remove/Spread as may be directed surplus materials from site	CM	54			
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
A	Spread surplus excavated on site as directed	CM	83			
	<u>Planking and strutting</u>					
B	Planking and strutting to sides of excavations		Item			
	<u>Disposal of water:</u>					
C	Keep trenches free from all water Keep excavations free from all fallen materials		Item			
	<u>Hardcore fillings</u>					
D	300mm Thick well compacted Hardcore Fillings: levelled and compacted in 150 mm layers	SM	125			
E	Gladiator "TC" or any other equal and approved chemical anti-termite treatment to subsoil filling.	SM	125			
	<u>murram blinding</u>					
F	50 mm fillings as blinding to hardcore : levelled and compacted	SM	125			
	<u>In situ concrete : Mix 1:3:6</u>					
G	50 mm blinding : under strip foundations	SM	89			
H	Column bases	SM	4			
	<u>In situ concrete : Mix 1:2:4 : Vibrated reinforced</u>					
I	Foundations in trenches	CM	18			
J	Column bases	CM	2			
K	Stub Columns	CM	1			
L	100 mm Thick beds	SM	132			
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>High tensile reinforcement to BS 4461 incl. Cutting to lengths,bending,twisting and fixing.include all necessary wires and spacing blocks</u>					
A	Assorted bars	Kg.	2100			
	<u>Mesh fabric reinforcement to BS 4483: Square mesh reference A142 : weighing 2.22 kilogrammes per square metre</u>					
B	In beds : 200 mm laps	SM	132			
	<u>Formwork : to</u>					
C	Vertical : sides of foundations	SM	60			
D	Ditto:Column bases	SM	8			
E.	Vertical : edges of beds over 75 but not exceeding 150 mm wide	LM	60			
	<u>Undressed masonry walling: laid in cement mortar (1:4): and including hoop iron reinforcement in every alternate course</u>					
F.	200 mm Walls	SM	187			
G.	Ditto : 100 mm wide	SM	9			
	<u>Damp proof courses : bituminous felt bedded in cement mortar (1:4) : 300 mm laps</u>					
H.	Horizontal : 200 mm wide	LM	144			
I.	Ditto : 100 mm wide	LM	8			
	Total carried to collection			Kshs.		

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>Labours and sundries</u>					
A	Single layer 500 gauge damp proof membrane : 200 mm laps	SM	132			
	<u>12 mm cement and sand (1:4) render: on concrete or blockwork to:</u>					
B	Plinths	SM	30			
	<u>Prepare and apply two coats bituminous paint : on render : to</u>					
C	Plinths	SM	30			
	<u>Paving slab surround</u>					
G	Pre-cast concrete (1:2:4) in paving slabs size 600x600x50mm thick laid on consolidated sand bed jointed in cement sand mortar (1:4)	SM	59			
	Carried to Collection					
	<u>Collection</u>					
	From page 01					
	From page 02					
	From page 03					
	From page 04 (above)					
	Total carried to Summary				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE PROPOSED BLOCK COMPRISNG OF 2 UNITS OF TWO BEDROOM - HOUSE KWS NGONG STATION</u>					
	Element No. 2 Walling					
	<u>In situ concrete : Mix 1:2:4 : Vibrated reinforced</u>					
A.	Beams	CM	9			
B	Cylidrical columns	CM	1			
	<u>High yield square twisted reinforcement including cutting to lengths, bending twisting and fixing, including all necessary tying wires and spacing blocks, mild steel bars to B.S. 4449:-</u>					
C	Assorted	Kg	900			
	<u>Formwork to:</u>					
D	Sides and soffits : beams	SM	120			
E	Ditto columns	SM	11			
	<u>Expanded polystrene sintered (EPS) panels as per -cmax building systems technology next to kenya clay products ruiru or alternative equal and approved EPS System fixed in accordance with manufacturers instructions</u>					
F	120mm thick (minimum) wall panels	SM	400			
G	80mm thick (minimum) wall panels	SM	21			
	<u>Labours and sundries</u>					
H	Labour and materials for eaves filling 10mm high to 200mm thick walls	LM	95			
	Total Carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
A.	<p><u>Vents</u> 100 mm Diameter x 300 mm long pvc pipe sleeve: grouted into walling : mosquito gauze set into both ends: coffee tray wire reinforced</p> <p>Carried to Collection</p> <p><u>Collection</u> From page 05 From page 06 (above)</p>	NO	20			
Total carried to Summary					Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE PROPOSED BLOCK COMPRISNG OF 2 UNITS OF TWO BEDROOM - HOUSE KWS NGONG STATION</u>					
	<u>Element No.3</u> <u>Roof</u>					
	<u>Roof coverings</u>					
A.	28 gauge prepainted (forest green colour) corrugated iron sheets with one corrugation side lap and 75mm wide end lap fixed onto purlins (M/S) with and including approved nails and washers	SM	230			
B.	Pre-painted gauge 28 roof cap fixed with and including roofing nails to match roof	SM	42			
	<u>Roof Construction:</u>					
	<u>The following in sawn cell cured treated cypress roof trusses; hoisting and placing 3.0 metres above the the ground level: Roof trusses fixing to include approved plates; making holes and fixing bolts and nuts as per Engineers detail</u>					
C.	100x50 mm Main Rafters	LM	140			
D.	Ditto Common rafters	LM	112			
E.	100x50 mm Tie beam	LM	86			
F.	75x50 mm Struts and ties	LM	142			
G.	150x50 mm Ridge board	LM	30			
H.	75x50 mm Purlins	LM	307			
I.	150x50 mm Ceiling joists	LM	84			
J.	100x50mm wall plate fixed onto blockwork with approved bolts and nuts as per Engineers detail	LM	70			
K.	150x50 mm verandah beam	LM	9			
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>Eaves, fascias and barge boards</u>					
A.	300x25 mm Fascia or barge board with splayed wading joints	LM	76			
	<u>Rainwater goods</u>					
	<u>24 Gauge galvanised mild steel sheet rainwater goods with lapped, rivetted and soldered joints or seams including all labours</u>					
B	150 mm Diameter half round eaves gutter: 25x6 mm: M.S brackets screwed to fascia at 600 mm centres	LM	74			
C	Extra for stopped end	NO	8			
D	Extra for 100 mm drop nozzle	NO	6			
E	100 mm Diameter rainwater down pipe : fixed with M.S brackets to concrete or block work and including 225x150x25 mm hardwood blocks chamfered all round and plugged and screwed to walling generally at 1.50 metre centres	LM	16			
F	<u>Extra</u> for bend	NO	6			
G	<u>Extra</u> swan neck projections	NO	6			
H	<u>Extra</u> for shoe	NO	6			
	<u>Painting generally</u>					
	<u>Knot, prime, stop and apply one coat undercoat and twos coat gloss finishing paint on woodwork</u>					
	<u>Externally on</u>					
I	Fascia and barge board: Girth 200-300 mm	LM	76			
	Total carried to collection			Kshs.		

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u><i>Prepare, touch up primer and apply one undercoat and two coats gloss finishing paint on metalwork</i></u>					
A	Large pipes	SM	10			
B	150 mm diameter half round gutter	SM	14			
	Carried to collection					
	Collection					
	From page 7					
	From page 8					
	From page 9 (Above)					
	Total carried to Summary			Kshs.		

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.	
	<u>KENYA WILDLIFE SERVICE</u> <u>PROPOSED BLOCK COMPRISNG OF</u> <u>2 UNITS OF TWO BEDROOM - HOUSE</u> <u>KWS NGONG STATION</u>						
	<u>Element No.4</u> <u>Windows</u>						
	<u>Burnt clay window cill</u>						
A.	150x150x10mm mm cill : weathered and throated :bedded and jointed in matching cement mortar (1:4) :pionted in mastic	LM	17				
	<u>Supply and fix the following:</u> <u>Mild steel : one coat red oxide primer before erection</u>						
	<u>Composite purpose made steel windows :</u> <u>fixed to concrete or blockwork with lugs</u> <u>plugged: brass ironmongery: bedded and pointed</u> <u>all round in mastic: burglar proofing:</u> <u>as per architects detail's:</u>						
B	Window size2000x1500 mm high overall (W-1)	NO	2				
C	Window size 1000x1350 mm high overall (W-2)	NO	2				
D	Window size 600x900 mm high overall (W-3)	NO	4				
E	Window size 1500x1500 mm high overall (W-4)	NO	2				
F	Window size 600x1500 mm high overall (W-3)	NO	3				
	<u>Glazing</u>						
	<u>5 mm clear sheet glass and glazing: to metal with approved putty</u>						
G	In panes: over 0.1 but not exceeding 0.50 square metres	SM	16				
H	Ditto obscure Sheet glass	SM	3				
	Total carried to collection				Kshs.		

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>Pelmet boxes: softwood: selected and kept clean</u>					
A	150x25 mm top	LM	17			
B	150x25 mm fascia : two labours	LM	17			
C	Extra for stopped ends	NO	26			
	<u>General joinery: cypress or equal approved: selected and kept clean</u>					
D	50x20 mm bearers : plugged	LM	26			
	<u>Curtain tracks</u>					
E	Brass "I" section track screwed to pelmets (measured seperately): rollers: end stops: laps	LM	17			
	<u>Prepare, touch up primer and apply one undercoat and two coats gloss finishing paint : on metal</u>					
F	Windows: general surfaces	SM	38			
	<u>Prepare and prime before fixing on wood</u>					
G.	Bearers : not exceeding 100 mm girth	LM	17			
	<u>Prepare and knot coated surfaces: prime and apply one undercoat and two coats gloss finishing paint : on wood</u>					
H.	pelmets : general surfaces	SM	10			
	Carried to collection					
	<u>Collection</u>					
	From page 10					
	From page 11 (Above)					
	Total carried to Summary				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE</u> <u>PROPOSED BLOCK COMPRISNG OF</u> <u>2 UNITS OF TWO BEDROOM - HOUSE</u> <u>KWS NGONG STATION</u>					
	<u>Element No. 5</u> <u>Doors</u>					
	<u>Precast concrete units : mix 1:2:4</u> <u>(20 mm aggregate) : vibrated :</u> <u>4No. Y10 reinforcement</u>					
A.	200x215 mm lintol <u>Mild steel: K.S. 02-18</u> <u>Panel doors: 50x25x2mm hollow section</u> <u>framing :40x25x2mm door panel frame,</u> <u>ends welded and angles cut, mitred and</u> <u>welded: 1.5mm thick metal sheet cladding</u> <u>welded to both faces: all welding ground to</u> <u>smooth finish: Puopse made hinges per leaf</u> <u>3-lever mortice locks: locking cleats and</u> <u>bolt: guides: padlock eye: All as per</u> <u>Engineers detail's:</u>	LM	26			
B.	Door size 900 x 2400 mm high overall <u>Cypress high density packed panel door</u> <u>as per architects details</u>	NO	4			
C.	45 mm thick door size 850x2050 mm high: faced both sides with premium grade plywood: hardwood lipped all edges <u>Frames and linings : softwood : selected</u> <u>and kept clean</u>	NO	12			
D	100x50 mm frame : plugged	LM	64			
E	Ditto mullions	LM	12			
F	20x20 mm Architrave : ditto	LM	64			
G	Ditto quadrant	LM	64			
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>Ironmongery</u> <u>Supply and fix the following to wood with matching screws</u>					
A.	100 mm pressed steel butt hinges	Prs	18			
B.	5-lever mortice lock with lever handles	NO	4			
C.	3-lever mortice lock with lever handles	NO	12			
D.	Rubber door stop : rawl bolted to concrete	NO	16			
	<u>Prepare and prime before fixing on wood</u>					
E	Frames : not exceeding 100 mm girth	LM	64			
F	Ditto mullions	LM	12			
G	Architraves : ditto	LM	64			
H	Ditto quadrant	LM	64			
	<u>Prepare, touch up primer and apply one undercoat and two finishing coats gloss paint : on metal</u>					
I	Doors general surfaces	SM	17			
	<u>Knot, prime, stop and apply one coat universal undercoat, two coats premium grade gloss paint: on timber</u>					
J	Doors general surfaces	SM	45			
K	Frames : over 100 but not exceeding 200 mm girth	LM	64			
L	Architraves : not exceeding 100 mm girth	LM	64			
M	Ditto quadrant	LM	64			
	Amount carried to collection					
	<u>Collection</u>					
	From page 12					
	From page 13 (above)					
	Total carried to Summary				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE PROPOSED BLOCK COMPRISNG OF 2 UNITS OF TWO BEDROOM - HOUSE KWS NGONG STATION</u>					
	Element No.06 <u>External Finishes</u>					
	<u>Wall finishes</u>					
	<u>12 mm cement and sand (1:4) render : wood floated : on concrete or blockwork to</u>					
A.	Walling generally	SM	254			
	<u>Painting to Walling</u>					
B	Walling generally	SM	254			
	<u>Pointing</u>					
C	Recessed horizontal and vertical joints: external wall finish pointed in cement sand mortar 1:4: painting on keys as directed by architect	SM	105			
D	<u>Extra over</u> wire brushing and dusting to key pointed masonry wall surfaces	SM	105			
	<u>Wrot prime grade cypress: selected and kept clean: pressure impregnated</u>					
E	100x25mm thick T&G boarding nailed to External verandahs	SM	18			
	<u>Knot, prime, stop and apply three coat crown alkyd varnish on woodwork.</u>					
F	T&g ceiling linings	SM	18			
	Total carried to summary				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE PROPOSED BLOCK COMPRISNG OF 2 UNITS OF TWO BEDROOM - HOUSE KWS NGONG STATION</u>					
	<u>Element No. 7</u> <u>Internal Finishes</u>					
	<u>Floor finishes</u>					
	<u>Cement and sand (1:4) screed: steel trowelled on concrete to: red oxide admixture.</u>					
A	50 mm floors	SM	150			
B	Ditto 100x25 mm skirting	LM	144			
	<u>Prepare surfaces and apply "Ronseal" floor wax or equal and approved floor wax</u>					
C	wax to floors	SM	150			
D	Ditto skirting girth n.e 125mm	LM	144			
	<u>300x300 x10mm glazed ceramic Floor tiles on cement and sand backing(m/s) : bedded and jointed in cement mortar (1:4) : pointed in matching cement</u>					
E	Floors	SM	8			
	<u>Cement and sand (1:4) screed: finished to receive granito floor tiles m/s</u>					
F	25 mm floors	SM	8			
	<u>Wall finishes</u>					
	<u>150x150x6 mm white glazed tiles: on cement and sand backing (m/s) : bedded in cement mortar (1:4) : pointed in white cement</u>					
G	Walls	SM	40			
H	Extra for fair edges	LM	18			
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>12 mm cement and sand (1:4) backing steel trowelled: on block work to:</u>					
A	Walls : finished to receive tiles	SM	40			
B	Matching plastic edge trims	LM	42			
	<u>12 mm cement and sand (1:4) plaster : steel trowelled : on blockwork to</u>					
C	Walls: internally	SM	400			
	<u>Prepare and apply one undercoat and two finishing coats silk vinyl paint : on plaster to</u>					
D	Walls	SM	400			
	<u>Ceiling finishes</u> <u>General joinery : cypress: pressure impregnated with tanalith "C" or equal</u>					
E	Skeleton framework to ceilings: 50x50 mm one direction at 600 mm centres and 50x100 mm other direction at 1200 mm centres	SM	132			
	<u>Chipboard : nailed to branderings (Measured seperately)</u>					
F	9mm ceiling linings	SM	132			
G	Extra over for access trap door size 800x800 mm overall : framing all round	NO	2			
H	75x20 mm Cornice : plugged	LM	178			
	<u>Knot, prime, prepare and Prepare one undercoat and two finishing coats plastic emulsion paint to</u>					
I	ceiling linings	SM	132			
J	Cornice: not exceeding 100 mm girth	LM	178			
	Carried to collection					
	<u>Collection</u>					
	From page 15					
	From page 16(Above)					
	Total carried to Summary				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE PROPOSED BLOCK COMPRISNG OF 2 UNITS OF TWO BEDROOM - HOUSE KWS NGONG STATION</u>					
	<u>Element No.08</u> <u>Fixtures and Fittings</u>					
	<u>Open Wadrode</u>					
A.	1650mm longx600mm wide 100mm high screeded concrete benching	NO	4			
B	25mm diameter x 1650mm long chromium plated adrobe rail including end brackets to match: Plugged to blockwork or masonry.	NO	4			
C	1650x600x20mm blockboard horizontal shelving complete with 50x50mm timber bearer plug	NO	8			
	<u>Concrete worktop</u>					
D	3500mm long x50mm thick reinforced concrete (Y-10) worktop : mounted at 1000mm above finished floor level level on 100mm thick concrete (1:3:6) benching, including all necessary formwork: steel trowelled finish:ceramic tiles top and exposed edges.	NO	2			
	<u>Kitchen Undersink Cupboard</u>					
E	Cupboard size 3500x600x900 mm high overall: comprising 7No. doors size 500x600 mm 7No. drawers size 600x500x150 mm deep: shelvings: Ceramic tiles worktop: ironmongery : painting 100mm mass concrete benching	NO	2			
	<u>kitchen over head shelving (open shelves):</u>					
F	Overhead shelving size 2100 mm long x 450 mm deep x 600 mm high : comprising 4 No. vertical divisions at 525mm c/c and one No. horizontal division at 300mm c/c complete with all bearer plugs and painting	NO	2			
	Total carried to summary				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE PROPOSED BLOCK COMPRISNG OF 2 UNITS OF TWO BEDROOM - HOUSE KWS NGONG STATION</u>					
	<u>Element No.09</u> <u>Sanitary fittings</u>					
	<u>All Sanitary fittings to match "Twyfords brand" or any other equal and approved.</u>					
	<u>Supply and fix the following complete with all requisite accessories.</u>					
A.	Wash hand basin as "Twyfords" cat. ref no. AL4812WH or any other equal and approved : complete with all accessories, including rubber stopper, chain and chromium plated bottle trap.Basin pillar tap as "Twyfords" CAT No. PE 5205CCP	NO	2			
B.	W.C suite complete with, pan,seat cover and cistern as "Twyfords" cat. ref no. AD1145WH or any other equal and approved: Including all other accessories.	NO	2			
C	Shower fitting as "Twyfords" : Cat: no. SF7236CP or any other equal and approved.	NO	2			
D	Stainless steel Single bowl single drainer sink size 1200x600 mm : complete	NO	2			
	<u>Accessories</u>					
E.	Toilet toilet roll holder as "Twyfords" Cat: no. VC9806WH or any other equal and approved.	NO	2			
F.	Soapdish as "Twyfords" Cat: no. VC9312WH or any other equal and approved.	NO	2			
G.	6 mm Float plate silver coated mirror size 600x450mm high with bevelled edges, complete with dome headed screws to match: plugged: on foam backings	NO	4			
H.	20mm diameter x 700mm long chromium plated towel rail including end brackets to match: Plugged to blockwork or masonry.	NO	4			
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
A	Satin aluminium coat hook as Twyfords cat No. PB0204SI or any other equal and approved.	NO	4			
B	Tumbler and tooth brush holder as "Twyfords" Cat: no.VC9805WH or any other equal and approved	NO	2			
	Carried to collection					
	Collection					
	From page 18					
	From page 19 (above)					
	Total carried to Summary				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<p align="center"><u>KENYA WILDLIFE SERVICE</u> <u>PROPOSED BLOCK COMPRISNG OF</u> <u>2 UNITS OF TWO BEDROOM - HOUSE</u> <u>KWS NGONG STATION</u></p> <p>Element No. 10 <u>Drainage</u></p> <p><u>Prices for pipework shall include</u> <u>for the cost of couplings; connectors and</u> <u>jointing to fittings, appliances etc and fixing</u> <u>brackets all as required in the pipework installation</u> <u>together with marking pipe routes on walls and</u> <u>floors: and builders work incidental thereto</u></p> <p><u>All upvc couplings, branches, tees etc to</u> <u>be formed strictly in accordance</u> <u>with manufactures instructions:</u></p> <p><u>UPVC soil, waste, and ventilating</u> <u>pipes anf fittings to BS 5255</u></p>					
A.	32mm diameter in wall chase: Including brackets	LM	30			
B.	50mm diameter in wall chase: Including brackets	LM	15			
C	80mm diameter vent pipe fixed to wall including metal holder bats	No.	2			
D	<u>Extra over for pipes</u> 32mm bend	NO	15			
E	<u>Extra over for pipes</u> 32mm plug	NO	10			
F	32mm access plug	NO	10			
G	50mm ditto	NO	5			
H	50mm inspection bend	NO	10			
I	100mm ditto	NO	2			
J	50mm sweep tee	NO	2			
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
A	80mm plain bends.	NO	2			
B	100mm ditto	NO	8			
C	32mm equal tee	NO	10			
D	Galvanised steel balloon grating and setting on head of 100mm pvc pipe	NO	2			
E	100mm weathering apron	NO	2			
F	100mm diameter floor trap complete with cover grating	NO	2			
G	50mm ditto	NO	1			
	<u>Gulley traps</u>					
H	Gulley trap chamber size 250x250, approximately 400mm deep in 150mm blockwork with cement mortar joints on 150mm thick mass concrete slab, and plastered inside: for 100mm diameter trap and hopper 40mm thick, 250x250mm precast concrete cover to gulley trap chamber and provide with 40mm ventilating hole.	NO	2			
	<u>Manholes/inspection chambers</u>					
I	Inspection chamber 900x600x600mm deep comprising 150mm thick (1:3:6) bed, 150mm thick concrete block walls: 100mm concrete (1:2:4) slab reinforced with 8mm mild steel bars at 100mm centres both ways, concrete (1:3:6) benching to form 300mm diameter channel: 600x450mm medium duty manhole cover complete with frame including plastering walls internally and steel troewelled screed to benching, all excavations formwork and disposal	NO.	2			
J	ditto: 1000mm deep	NO.	2			
K	ditto 1500mm deep	NO.	2			
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
A.	<p><u>septic tank</u></p> <p><u>Septic tank, excavating:disposing of surplus soil by spreading on site: compacting on site compacted hardcore filling, in making up levels: 50mm concrete class 15 blinding: concrete class 25 in 150mm thick beds and cover slabs: 200mm thick natural stone walling and 100mm thick dividers: reinforcement: formwork: rendered internally with water-proof render : light duty manhole covers and frames to BS 497: holes in sides for pipes;internal size</u></p> <p><u>REF drawing No. (50)5342: Capacity 6000 litres: Twenty persons: 2 Years desludging interval</u></p>					
B.	<p>6000x1800x2200mm overall</p> <p><u>Soakpit</u></p> <p><u>1200mm diameter soak pit</u> <u>6000mm deep, excavation and disposal</u> <u>200mm diameter backfill , 1050mm reinforced concrete cover, on 60mm mm deep msonry wall on mass concrete 1:3:6 stip footing</u></p> <p><u>Ref drawing No. (50) 5345</u></p>	No.	1			
C	1200mm Diameter by 6000mm deep	No.	1			
D	Excavate pipe trenches for small pipes girth n:e 100mm . Average depth n.e 0.6 metres deep part return fill in and ram part spread on site as directed	LM	5			
E	150mm diameter in trenches	LM	10			
F	Allow for testing the whole of the drainage installations during the progress and completion of the works to approval		item			
Total carried to collection					Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<p><u>Collection</u></p> <p>From page 20</p> <p>From page 21</p> <p>From page 22 (Above)</p>					
	Total carried to Summary				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<p align="center">KENYA WILDLIFE SERVICE PROPOSED BLOCK COMPRISNG OF 2 UNITS OF TWO BEDROOM - HOUSE KWS NGONG STATION</p> <p>Element No. 11 <u>Plumbing</u></p> <p><u>Prices for pipework shall include</u> <u>for the cost of couplings; connectors and</u> <u>jointing to fittings, appliances etc and fixing</u> <u>brackets all as required in the pipework installation</u> <u>together with marking pipe routes on walls and</u> <u>floors: and builders work incidental thereto</u></p> <p><u>Supply and fix the following galvanised</u> <u>steel pipes: medium thickness</u> <u>jointed and fixed as described</u></p> <p>A. 15mm diameter</p> <p>B. 20mm ditto</p> <p>C. 25mm ditto</p> <p>D. 15mm bend</p> <p>E. 20mm ditto</p> <p>F. 15mm equal tee</p> <p><u>high pressure brass valves and</u> <u>jointing to pipes</u></p> <p>G. 15mm ditto</p> <p>H. 20mm ditto</p> <p>I. 32mm. Ball valve with plastic float, brass stem and connecting to tank with union and backnut including perforation</p> <p>J. 20mm ditto</p>					
		LM	40			
		LM	18			
		LM	100			
		No.	20			
		No.	4			
		No.	5			
		No.	6			
		No.	6			
		No.	2			
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
A	<u>Excavate trenches for small pipes not exceeding 100 mm diameter, not exceeding 1.50 metres deep: part backfill and compact excavated materials : remove surplus spoil: grade and compact bottoms including planking and strutting for upvc pipes</u> Average 500 mm deep	LM	10			
B	<u>Valve chamber</u> Chamber size 300x300x600 mm deep internally: 100 mm thick concrete (1:3:6) bed : 150 mm solid concrete blockwalls: 75 mm thick precast concrete cover slab with 1No. grip: excavation and backfill: disposal	NO	1			
C	<u>Roof Water storage tank</u> Plastic water storage tank 900 litres (200 gallons) rectangular tank in roof space approximate dimensions 1270x1270x580mm including overflow pipes	NO	2			
D	<u>Plastic Tank</u> Supply and install 2300 litres capacity cylindrical vertical "Kentank" model CV -232c: 1550mm diameter 1520mm height: As manufactured by Kentainers Ltd, of P.O BOX 42168 NRB. TEL: (02) 823513-6: Including fixing inlet and lockable outlet taps in accordance with manufacturers instructions	No.	2			
E	<u>Circular tank platform:</u> <u>150mm concrete class 15 strip foundation:</u> <u>150mm solid concrete blockwork walling</u> <u>500mm high above existing ground level enclosure to all sides rendered externally:</u> <u>350 mm thick compacted hardcore</u> <u>infill: 100mm thick concrete class 15</u> <u>base slab : laid on 50mm thick murram</u> <u>blinding: BRC A-142 reinforcement</u> 2000mm diameter tank platform	No.	2			
Total carried to collection				Kshs.		

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
A	<p><u>Testing</u> Allow for testing of the complete internal plumbing installation to the satisfaction of the Engineer and the local Authority Representative</p> <p>Carried to collection</p> <p><u>Collection</u> From page 24 From page 25 From page 26 (above)</p>	item	1			
Total carried to Summary					Kshs.	

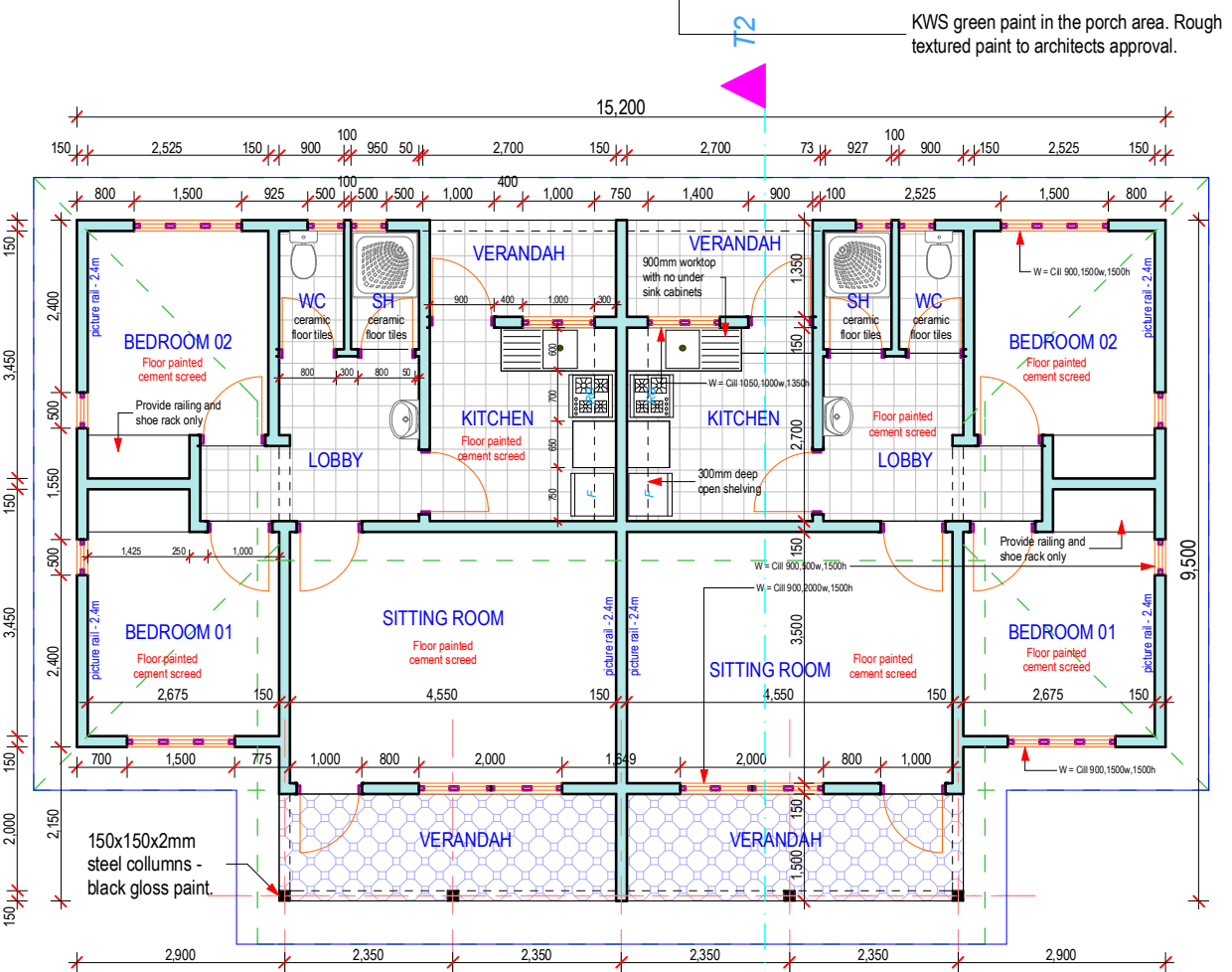
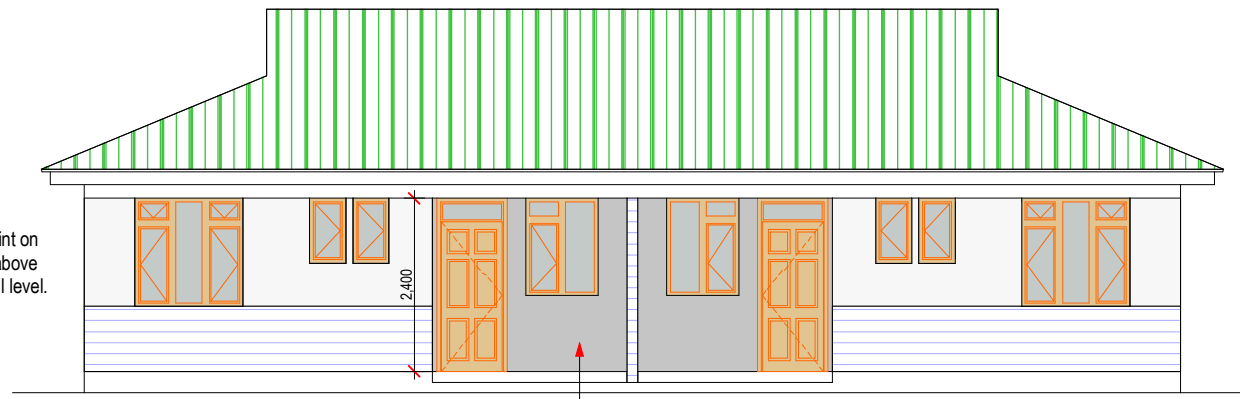
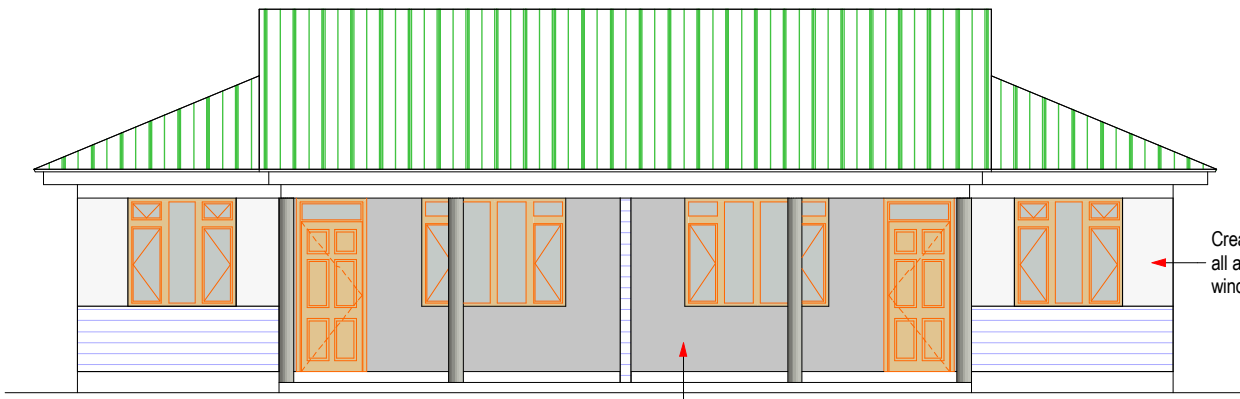
Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<p align="center"><u>KENYA WILDLIFE SERVICE</u> <u>PROPOSED BLOCK COMPRISNG OF</u> <u>2 UNITS OF TWO BEDROOM - HOUSE</u> <u>KWS NGONG STATION</u></p> <p>Element No. 12 <u>Electrical Works</u></p> <p>Rates quoted shall be inclusive of supply and installation includinfg builders work incidental thereto.</p> <p><u>Lighting point wired in 3X1.5mm2 single core PVC cables drawn in 20mm diameter heavy gauge PVC conduits including all conduit accessories and switch boxes for:-</u></p> <p>A. One way swithching</p> <p>B. Two way swithching</p> <p>C. Pendant light fitting comprising ceilling rose,code and lampholder as volex complete with bulb</p> <p>D. 60W spherical fitting</p> <p>E. 100W bulkhead fitting as microlite</p> <p><u>13A power point wired in 3x2.5mm2 single core PVC copper cables drawn in 20mm diameter heavy gauge PVC conduits incl. All conduit accessories for:</u></p> <p>F Single</p> <p>G 13A single flush mounted socket outlets as volex</p> <p><u>5A Flush mounted switches as volex</u></p> <p>H 1gang 1 way</p> <p>I 2 gang 2 way</p>					
	Total carried to collection				Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
A	Cooker power point wired in 3x6mm ² single core PVC cables drawn in 20mm diameter heavy gauge PVC conduits including all conduit accessories and outlet boxes.	No.	2			
B	45A DP cooker control unit as volex	No.	2			
C	Cooker terminal outlet as CPL	No.	2			
D	Wall bracket lights complete with holder and bulb.	No.	4			
E	6Ways consumer unit as crabtree complete with circuit breakers	No.	2			
F	3x16mm ² single core copper cables as sub-main and drawn in 50mm diameter heavy gauge PVC conduits including all conduit accessories.	Lm.	20			
G	60A SPN switch fuse as KEW	No.	2			
H	KPL&C manhole size 600x600x750mm complete with iron cover.	No.	0			
I	1,200mmx25mm copper earth electrode complete with clamp.	No.	2			
J	Standard cable looping box		Item			
K	Allow for the Testing of the complete electrical installations to the satisfaction of the engineer		Item			
	Carried to collection					
	Collection					
	From page 27					
	From page 28 (Above)					
	Total carried to Summary			Kshs.		

Element No.	Description		Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE</u> <u>PROPOSED BLOCK COMPRISNG OF</u> <u>2 UNITS OF TWO BEDROOM - HOUSE</u> <u>KWS NGONG STATION</u>			
	<u>Summary</u>	<u>From</u> <u>page</u>		
1	Substructures	4		
2	Walling	6		
3	Roof	9		
4	Windows	11		
5	Doors	13		
6	External wall finish	14		
7	Internal finishes	16		
8	Fixtures and fittings	17		
9	sanitary fittings	19		
10	Drainage	23		
11	Plumbing	26		
12	Electrical Works	28		
	Subtotal			
	Multiplied by 3 No.blocks		x	3
	Total carried to Grand Summary pg. 31 of 31		Kshs.	

Item No.	Description	Unit	Quantity	Rate	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE</u> <u>PROPOSED BLOCK COMPRISNG OF</u> <u>2 UNITS OF TWO BEDROOM - HOUSE</u> <u>KWS NGONG STATION</u>					
	<u>P.C. and Provisional sums</u> <i><u>The contractor shall include in his tender for the following amounts to be deducted either in whole or in part as directed by the project manager</u></i>					
A	Provide the prime cost sum of Kenya shillings two hundred and fifty thousand for electrical connection to mains and incidental cost thereto				250,000	
B	Allow for liason fee		sum			
C	Allow for attendance		Sum			
D	Provide the prime cost sum of Kenya shillings two hundred thousand for water connection to mains				200,000	
E	Allow for liason fee		sum			
F	Allow for attendance		Sum			
	Total carried to Grand Summary				Kshs.	

Item No.	Description	Kshs.	Cts.
	<u>KENYA WILDLIFE SERVICE</u> <u>PROPOSED BLOCK COMPRISNG OF</u> <u>2 UNITS OF TWO BEDROOM - HOUSE</u> <u>KWS NGONG STATION</u>		
	<u>GRAND SUMMARY</u>	<u>From page</u>	
A	Preliminaries	73	
B	Measured Works	29 of 31	
C	PC. and Provisional Sums	30 of 31	
D	Subtotal (1)		
E	Add 10% Contigencies		
F	Subtotal (2)		
G	ADD 16% VAT		
	GRAND TOTAL CARRIED TO FORM OF TENDER	Kshs.	

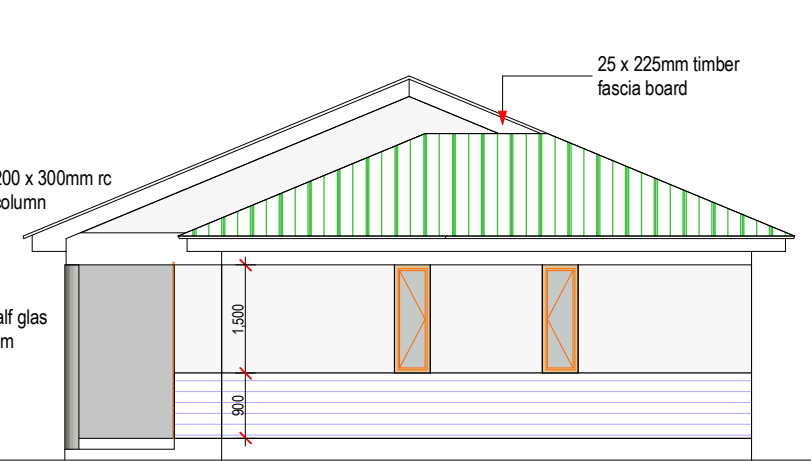
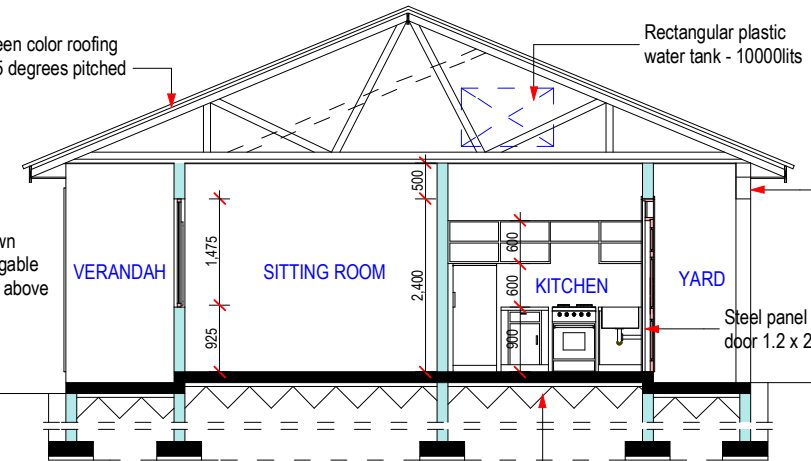
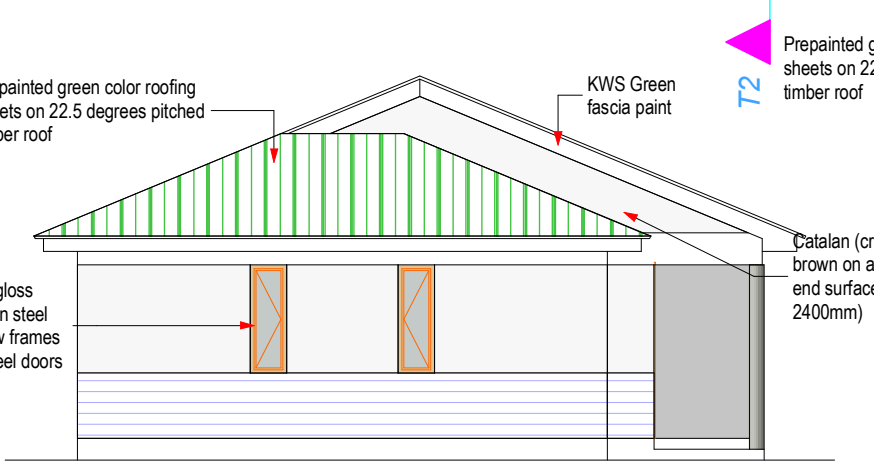
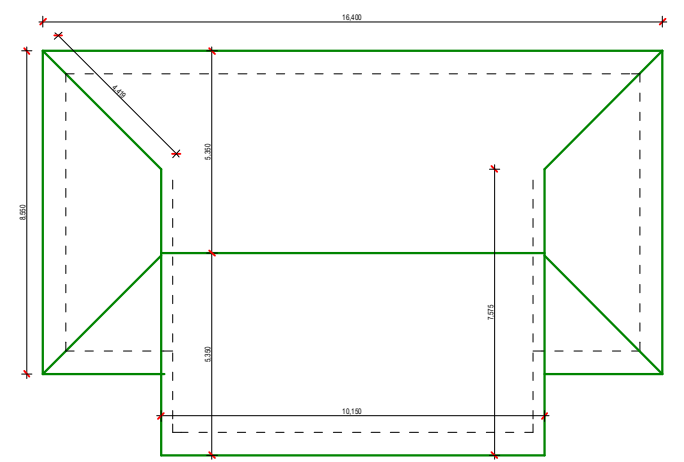


Walls & Ground floor Panels - EXPANDED POLYSTYRENE SINTERED (EPS panels)

- Outer walls - Minimum finished thickness is 150mm thick.
- Mesh reinforced panels with double stitching and mesh overlap.
- Stitching mesh is high tensile galvanised steel.
- Inner partition walls - minimum finished thickness - 150mm.
- Inner and outer concrete cover.
- 150mm finished ground floor slab using ground floor panels - foam polystyrene shaped plate to carry walls and structural bars and reinforcement or approved equivalent.

All services - water supply, sewerage removal, lighting and electricals to be installed and approved before finishing.

600mm precast concrete paving slabs around the block.



150mm thick rc floor slab on 50mm blinding on 300mm min compacted hardcore (approved equivalent would be use of EPS slab panels is agreeable to Structural Engineer on site)

NOTES

1. All dimensions in millimeters unless otherwise specified.
2. All dimensions should be checked on site and any discrepancies reported to the architect.
3. All works should be carried out in accordance with ALL other regulations particularly NEMA.
4. Use figured dimensions only - do not scale from the drawing.
5. All walls are to be reinforced with hoop iron at every alternate course.
6. DPC to be laid under walls and to be 150 mm above finished ground level.
7. All the drainage pipes passing under building and driveway to be encased in 150mm thick concrete surround.
8. 500mm gauge polythene DPM and anti termite to be provided under slab.
9. Concrete shall be of class 1:2:4 unless otherwise stated.
10. Mortar for plastering shall be in the ratio of 1:4.
11. These drawings do not constitute engineering drawings. They should be used together with Structural Engineer's drawings.

REVISIONS

No.	DATE.	DESCRIPTION

PROPOSED STAFF RESIDENTIAL HOUSES AT KWS NGONG' STATION.

Drawing title : LAYOUT PLAN, ELEVATIONS, SECTION AND DETAILS

Client : KENYA WILDLIFE SERVICE
P.O. BOX 40241 00100 NAIROBI
KENYA

Drawn by : Kathuli P.F

Architect : PATRICK KATHULI .F.

Date : MARCH - 2019

PROPOSED RANGERS HOUSES (2 - BEDROOMED) 2018 - 2019

