NAIROBI CITY COUNTY ASSEMBLY SERVICE BOARD (NCCASB)



TENDER DOCUMENT FOR

PROPOSED RENOVATIONS TO 14 EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY

TENDER NO. NCCASB/OT/19/12/2019/2020

CLOSING DATE: FRIDAY 10TH JANUARY 2020, AT 12:00NOON

CLERK'S CHAMBERS Telegraphic Address

Telephone 020 2216151 Email: <u>clerk@nairobiassembly.go.ke</u> Web: <u>www.nairobiassembly.go.ke</u>

County Assembly

City Hall Buildings P O Box 45844-00100 **Nairobi**, Kenya

TABLE OF CONTENTS

PAGE

SECTION I	INVITATION FOR TENDERS	3
SECTION II	INSTRUCTIONS TO TENDERERS	5
SECTION III	CONDITIONS OF CONTRACT	11
	APPENDIX TO CONDITIONS OF CONTRACT	.21 - 22
SECTION IV	SPECIFICATIONS, DRAWINGS AND	
	BILLS OF QUANTITIES/SCHEDULE OF RATES	23
SECTION V	STANDARD FORMS	25

SECTION I - INVITATION TO TENDERS



NAIROBI CITY COUNTY ASSEMBLY SERVICE BOARD

Telegraphic Address **Telephone** 020 2216151 **Email:** <u>clerk@nairobiassembly.go.ke</u> **Web:** <u>www.nairobiassembly.go.ke</u> Clerk's Chambers **County Assembly** City Hall Buildings P O Box 45844-00100 **Nairobi**, Kenya

Date: 27TH DECEMBER, 2019

TENDER NO: NCCASB/OT/19/12/2019/2020- PROPOSED RENOVATIONS TO 14 EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY

- 1.5 The Nairobi City County Assembly Service Board (NCCASB) invites sealed tenders from eligible candidates for the **Proposed** renovations to 14 existing ward offices for the Nairobi city County Assembly.
- 1.6 Interested eligible candidates may obtain further information from and inspect the tender documents at the Procurement office, Nairobi City County Assembly, 2nd Floor, City Hall Buildings Room 277 during normal working hours. Tender documents may also be downloaded free of charge from our website at <u>www.nairobiassembly.go.ke</u> or public procurement information portal: <u>www.tenders.go.ke</u>
- 1.7 A complete set of tender documents may be obtained by interested candidates upon payment of a non-refundable fees of Kshs. 1,000.00 in cash or Bankers Cheque payable to NCCASB.
- 1.8 Prices quoted should be net inclusive of all taxes, must be in Kenya shillings and shall remain valid for (90) days from the closing date of tender.
- 1.9 Completed tender documents are to be enclosed in plain sealed envelopes, marked "TENDER NO. NCCASB/OT/19/12/2019/2020
 PROPOSED RENOVATIONS TO 14 EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY and be deposited in

the tender box provided at The Nairobi City County Assembly Offices, 2nd Floor, City Hall Buildings Room 277 addressed to:

The Clerk Nairobi City County Assembly Service Board, P O Box 45844-00100 NAIROBI

So as to be received on or before Friday 10th January, 2020 at 12:00 noon

1.10 Tenders will be opened immediately thereafter in the presence of the bidders or their representatives who choose to attend at County Assembly Basement Committee Rooms, City hall Building on Friday 10th January, 2020 at 12:00 noon

CLERK NAIROBI CITY COUNTY ASSEMBLY

SECTION II - INSTRUCTIONS TO TENDERERS

TABLE OF CONTENTS

CLAUSE

PAGE

1.	GENERAL	6
2.	TENDER DOCUMENTS	7
3.	PREPARATION OF TENDERS	5 - 6
4.	SUBMISSION OF TENDERS	6 - 7
5.	TENDER OPENING AND EVALUATON	7 - 8
6.	AWARD OF CONTRACT	8 - 9

INSTRUCTIONS TO TENDERERS

1. General

- 1.11 The NCCASB 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 said Appendix.
- 1.12 Tenderers shall include the following information and documents with their tenders, unless otherwise stated:
 - (a) copies of certificates of registration, and principal place of business;
 - (b) total monetary value of construction work performed for each of the last five years;
 - (c) experience in works of a similar nature and size for each of the last five years, and clients who may be contacted for further information on these contracts;
 - (d) major items of construction equipment owned;
 - (e) qualifications and experience of key site management and technical personnel proposed for the Contract;
 - (f) reports on the financial standing of the Tenderer, such as profit and loss statements and auditor's reports for the last five years;
 - (g) authority to seek references from the Tenderer's bankers.
- 1.13 The Tenderer shall bear all costs associated with the preparation and submission of his tender, and the NCCASB will in no case be responsible or liable for those costs.
- 1.14 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.
- 1.15 The procurement entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.

- 1.16 The price to be charged for the tender document shall not exceed Kshs.1,000/=
- 1.17 The procuring entity shall allow the tenderer to review the tender document free of charge before purchase.

2. Tender Documents

- 2.1 The complete set of tender documents comprises the documents listed here below and any addenda issued in accordance with clause 2.4 here below:-
 - (a) These instructions to Tenderers
 - (b) Form of Tender
 - (c) Conditions of Contract and Appendix to Conditions of Contract
 - (d) Specifications
 - (e) Drawings
 - (f) Bills of Quantities/Schedule of Rates (whichever is applicable)
 - (g) Other materials required to be filled and submitted in accordance with these Instructions and Conditions
- 2.2 The Tenderer shall examine all instructions, forms and specifications in the tender documents. Failure to furnish all information required by the tender documents may result in rejection of his tender.
- 2.3 A prospective Tenderer making inquiries of the tendering documents may notify the NCCASB in writing or by cable, telex or facsimile at the address indicated in the letter of invitation to tender. The NCCASB will respond to any request for clarification received earlier than seven [7] days prior to the deadline for submission of tenders. Copies of the NCCASB'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 NCCASB 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 NCCASB.
- 2.5 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the NCCASB

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) The Tender;
 - (b) Priced Bill of Quantities/Schedule of Rates for lump-sum Contracts
 - (c) Any other materials required to be completed and submitted by Tenderers.
- 3.3 The Tenderer shall fill in rates and prices for all items of the Works described in the Bill of Quantities/Schedule of Rates. 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/Schedule of Rates. All duties, taxes and other levies payable by the Contractor under the Contract, as of 30 days prior to the deadline for submission of tenders, shall be included in the tender price submitted by the Tenderer.
- 3.4 The rates and prices quoted by the Tenderer shall not be subject to any adjustment during the performance of the Contract.
- 3.5 The unit rates and prices shall be in Kenya Shillings.
- 3.6 Tenders shall remain valid for a period of sixty (60) days from the date of submission. However in exceptional circumstances, the NCCASB 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.
- 3.7 The Tenderer shall prepare one original of the documents comprising the tender documents as described in these Instructions to Tenderers.
- 3.8 The original 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. All pages of the tender where alterations or additions have been made shall be initialed by the person or persons signing the tender.

- 3.9 Clarification of tenders shall be requested by the tenderer to be received by the procuring entity not later than 7 days prior to the deadline for submission of tenders.
- 3.10 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 tender duly filled and sealed in an envelope shall;-
- (a) be addressed to the NCCASB 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 Friday 10th January,
 2020 at 12:00 noon

Tenders shall be delivered to the NCCASB at the address specified above not later than **Friday 10th January, 2020 at 12:00 noon**

- 4.2 The tenderer shall not submit any alternative offers unless they are specifically required in the tender documents. Only one tender may be submitted by each tenderer. Any tenderer who fails to comply with this requirement will be disqualified.
- 4.3 Any tender received after the deadline for opening tenders will be returned to the tenderer un-opened.
- 4.4 The NCCASB 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 NCCASB and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

5. Tender Opening and Evaluation

- 5.1 The tenders will be opened in the presence of the Tenderers' representatives who choose to attend at the time and in the place specified in the invitation to tender.
- 5.2 The Tenderers' names, the total amount of each tender and such other details as may be considered appropriate, will be announced at the opening by the NCCASB. Minutes of the tender opening, including the information disclosed to those present will also be prepared by the NCCASB.
- 5.3 Information relating to the examination, clarification, evaluation and comparison of tenders and recommendations for the award of the Contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the NCCASB's officials, processing of tenders or award decisions may result in the rejection of his tender.
- 5.4 The tender sum as submitted and read out during the tender opening shall be absolute and final and shall not be the subject of correction, adjustment or amendment in any way by any person or entity. The Nairobi City County Assembly Service Board may waive any minor informality or nonconformity or irregularity in a tender which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any tenderer.
- 5.5 The tender evaluation committee shall evaluate the tender within 30 days of the validity period from the date of opening the tender.
- 5.6 Contract price variations shall not be allowed for contracts not exceeding one year (12 months)
- 5.7 Where contract price variation is allowed, the valuation shall not exceed 25% of the original contract price.
- 5.8 Price variation requests shall be processed by the procuring entity within 30 days of receiving the request.
- 5.9 Preference where allowed in the evaluation of tenders shall not exceed 15%

- 5.10 To assist in the examination, evaluation, and comparison of tenders, the NCCASB at his discretion, may request [in writing] 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 tender price or substance of the tender shall be sought, offered or permitted.
- 5.11 The Tenderer shall not influence the NCCASB 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 NCCASB or his employees in his decision on tender evaluation, tender comparison or Contract award may result in the rejection of the tender.

6. Award of Contract

- 6.1 The award of the Contract will be made to the Tenderer who has offered the lowest evaluated tender price.
- 6.2 Notwithstanding the provisions of clause 6.1 above, the NCCASB 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" which the NCCASB will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract. The contract shall be formed on the parties signing the contract. At the same time the other tenderers shall be informed that their tenders have not been successful.
- 6.4 The Contract Agreement will incorporate all agreements between the NCCASB and the successful Tenderer. It will be signed by the NCCASB and sent to the successful Tenderer, within 30 days following the notification of award. Within 21 days of receipt, the successful Tenderer will sign the Agreement and return it to the NCCASB.

- 6.5 Within 21 days after receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the NCCASB a Performance Security amount stipulated in the Appendix to Conditions of Contract.
- 6.6 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.
- 6.7 The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.
- 6.8 The procuring entity shall give prompt notice of the termination to the tenderers and on request give its reasons for termination within 14 days of receiving the request from any tenderer.

7. Corrupt and fraudulent practices

- 7.1 The procuring entity requires that the tenderer observes the highest standard of ethics during the procurement process and execution of the contract. A tenderer shall sign a declaration that he has not and will not be involved in corrupt and fraudulent practices.
- 7.2 The procuring entity will reject a tender if it determines that the tenderer recommended for award has engaged in corrupt and fraudulent practices in competing for the contract in question.
- 7.3 Further a tenderer who is found to have indulged in corrupt and fraudulent practices risks being debarred from participating in public procurement in Kenya.

APPENDIX TO INSTRUCTIONS TO THE TENDERERS

The following information for procurement of services shall complement or amend the provisions of the instructions to tenderers. Wherever there is a conflict between the provisions of the instructions to tenderers and the provisions of the appendix, the provisions of the appendix herein shall prevail over those of the instructions to tenderers.

Instructions tendere	Particulars of appendix to instructions to
1.5	The tender is open to eligible tenderers registered by National Construction Authority for Building works
	Price to be charged for tender documents. Shall be Kshs. 1,000 or may be downloaded free of charge from NCCASB website www.nairobiassembly.go.ke or public procurement information_portal: www.tenders.go.ke
3.6	Validity of Tenders: Tenders Shall remain valid for 120 days.
1.9	Bulky tenders which do not fit in the tender box shall be delivered to the Procurement Office Room 277 City Hall Building Assembly Wing Wabera Street
1.12	 Evaluation Criteria The following requirements must be met by the tenderer not withstanding other requirements in the tender documents:- Mandatory evaluation At this stage, the tenderer's submission will either be responsive or non-responsive. The non-responsive submissions will be eliminated from the entire evaluation process and will not be considered further. (a) Copies of certificates of Incorporation, and principal place of business; (b) Copies of Valid Tax Compliance certificate (c) Copies of Certificates of Registration from National construction Authority (d) Valid Business permit (e) Tender Security of Kshs. 175,000.00 inform of Banker's cheque or Guarantee from the Insurance company approved by PPRA

1.12	II. (f)	Technical Evaluation Total monetary value of construction work performed for each of the last five years; (Must be above Kshs.15million) – Attach award letters
	(g)	(30 Marks) Ten (10) Years of Experience in works of a similar nature and size for each of the last five years, and clients who may be contacted for further information on these contracts; - Attach Contract documents (20 Marks)
	(h)	Major items of construction equipment owned; - Attach proof of ownership/ Lease Agreement documents (10 Marks)
	(i)	Qualifications and experience of key site management and technical personnel proposed for the Contract; Attach CVs and Certificates of the Lead Supervisor having at least five years of experience and a degree training in the relevant field and at least three technical Staff having three years' experience and a diploma training in a relevant field. • Supervisor (8 Marks)
		· Supervisor (o marks)
		 Three Technical Staff (12 Marks) (20 Marks)
	(j)	Reports on the financial standing of the Tenderer, such as profit and loss statements and auditor's reports for the last five years; Attach Financial statements
		Liquidity Ratio of 2:1 (10 Marks) Acid Test Ratio of 1:1(10 Marks)
		(20 Marks)
	NO	TE: Only bidders who will be responsive and scored pass marks of 70 in the above will be subjected to financial evaluation
]		Financial Evaluation ers are required to fill in the Bill of Quantities in Section IV. Iowest priced bidder award system shall be used to award.

SECTION III - CONDITIONS OF CONTRACT

	Table of Clauses	Page
1.	DEFINITIONS	11
2.	CONTRACT DOCUMENTS	12
3.	NCCASB'S REPRESENTATIVE'S DECISIONS	13
4.	WORKS, LANGUAGE AND LAW OF CONTRACT	13
5.	SAFETY, TEMPORARY WORKS AND DISCOVERIES	13
6.	WORK PROGRAM AND SUB-CONTRACTING	13
7.	THE SITE	13 - 14
8.	INSTRUCTIONS	14
9.	EXTENSION OF COMPLETION DATE	14 - 15
10.	MANAGEMENT MEETINGS	15
11.	DEFECTS	15 - 16
12.	BILLS OF QUANTITIES/SCHEDULE OF RATES	16
13.	VARIATIONS	16
14.	PAYMENT CERTIFICATES AND FINAL ACCOUNT	16 - 17
15.	INSURANCES	18
16.	LIQUIDATED DAMAGES	18
17.	COMPLETION AND TAKING OVER	18
18.	TERMINATION	18 - 19
19.	PAYMENT UPON TERMINATION	. 19
20.	CORRUPT GIFTS AND PAYMENTS OF COMMISSION	. 19 - 20
21.	SETTLEMENT OF DISPUTES	20
22.	APPENDIX TO CONDITIONS OF CONTRACT	. 21 – 22

SECTION III - CONDITIONS OF CONTRACT

1. Definitions

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

"Bills of Quantities" means the priced and completed Bill of Quantities forming part of the tender[where applicable].

"Schedule of Rates" means the priced Schedule of Rates forming part of the tender [where applicable].

"The Completion Date" means the date of completion of the Works as certified by the NCCASB's Representative.

"The Contract" means the agreement entered into by the NCCASB and the Contractor as recorded in the Agreement Form and signed by the parties.

"The Contractor" refers to the person or corporate body whose tender to carry out the Works has been accepted by the NCCASB.

"The Contractor's Tender" is the completed tendering document submitted by the Contractor to the NCCASB.

"The Contract Price" is the price stated in the Letter of Acceptance.

"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 NCCASB's Representative upon correction of defects by the Contractor.

"The Defects Liability Period" is the period named in the Appendix to Conditions of Contract and calculated from the Completion Date.

"Drawings" include calculations and other information provided or approved by the NCCASB's Representative for the execution of the Contract.

"NCCASB" means Nairobi City County Assembly Service Board

"Equipment" is the Contractor's machinery and vehicles brought temporarily to the Site for the execution of the Works.

"Site" means the place or places where the permanent Works are to be carried out including workshops where the same is being prepared.

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

"NCCASB's Representative" is the person appointed by the NCCASB and notified to the Contractor for the purpose of supervision of the Works.

"Specification" means the Specification of the Works included in the Contract.

"Start Date" is the date when the Contractor shall commence execution of the Works.

" 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 NCCASB's Representative which varies the Works.

"The Works" are what the Contract requires the Contractor to construct, install, and turnover to the NCCASB.

2. Contract Documents

2.1 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) Conditions of Contract,
- (5) Specifications,
- (6) Drawings,
- (7) Bills of Quantities or Schedule of Rates [whichever is applicable]

3. NCCASB's Representative's Decisions

3.1 Except where otherwise specifically stated, the NCCASB's Representative will decide contractual matters between the NCCASB and the Contractor in the role representing the NCCASB.

4. Works, Language and Law of Contract

- 4.1 The Contractor shall construct and install the Works in accordance with the Contract documents. 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 NCCASB's Representative, and complete them by the Intended Completion Date.
- 4.2 The ruling language of the Contract shall be English language and the law governing the Contract shall be the law of the Republic of Kenya.

5. Safety, Temporary works and Discoveries

- 5.1 The Contractor shall be responsible for design of temporary works and shall obtain approval of third parties to the design of the temporary works where required.
- 5.2 The Contractor shall be responsible for the safety of all activities on the Site.
- 5.3 Anything of historical or other interest or significant value unexpectedly discovered on the Site shall be the property of the NCCASB. The Contractor shall notify the NCCASB's Representative of such discoveries and carry out the NCCASB's Representative's instructions for dealing with them.

6 Work Program and Sub-contracting

6.1 Within seven days after Site possession date, the Contractor shall submit to the NCCASB's Representative for approval a program showing the general methods, arrangements, order and timing for all the activities in the Works.

6.2 The Contractor may sub-contract the Works (but only to a maximum of 25 percent of the Contract Price) with the approval of the NCCASB's Representative. However, he shall not assign the Contract without the approval of the NCCASB in writing. Sub-contracting shall not alter the Contractor's obligations.

7 The site

- 7.1 The NCCASB shall give possession of all parts of the Site to the Contractor.
- 7.2 The Contractor shall allow the NCCASB's Representative and any other person authorised by the NCCASB's Representative, 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.

8 Instructions

8.1 The Contractor shall carry out all instructions of the NCCASB's Representative which are in accordance with the Contract.

9 Extension of Completion Date

- 9.1 The NCCASB's Representative shall extend the Completion Date if an occurrence arises which makes it impossible for completion to be achieved by the Intended Completion Date. The NCCASB's Representative shall decide whether and by how much to extend the Completion Date.
- 9.2 For the purposes of this clause, the following occurrences shall be valid for consideration;

Delay by:-

- (a) force majeure, or
- (b) reason of any exceptionally adverse weather conditions, or
- (c) reason of civil commotion, strike or lockout affecting any of the trades employed upon the Works or any of the trades engaged in the preparation, manufacture or transportation of any of the goods or materials required for the Works, or
- (d) reason of the NCCASB's Representative's instructions issued under these Conditions, or
- (e) reason of the contractor not having received in due time necessary instructions, drawings, details or levels from the

NCCASB's Representative for which he specifically applied in writing on a date which having regard to the date for Completion stated in the appendix to these Conditions or to any extension of time then fixed under this clause was neither unreasonably distant from nor unreasonably close to the date on which it was necessary for him to receive the same, or

- (f) delay on the part of artists, tradesmen or others engaged by the NCCASB in executing work not forming part of this Contract, or
- (g) reason of delay by statutory or other services providers or similar bodies engaged directly by the NCCASB, or
- (h) reason of opening up for inspection of any Work covered up or of the testing or any of the Work, materials or goods in accordance with these conditions unless the inspection or test showed that the Work, materials or goods were not in accordance with this Contract, or
- (i) reason of delay in appointing a replacement NCCASB's Representative, or
- (j) reason of delay caused by the late supply of goods or materials or in executing Work for which the NCCASB or his agents are contractually obliged to supply or to execute as the case may be, or
- (k) delay in receiving possession of or access to the Site.

10 Management Meetings

- 10.1 A Contract management meeting shall be held regularly and attended by the NCCASB's Representative and the Contractor. Its business shall be to review the plans for the remaining Work. The NCCASB'sRepresentative shall record the business of management meetings and provide copies of the record to those attending the meeting and the NCCASB. The responsibility of the parties for actions to be taken shall be decided by the NCCASB's Representative either at the management meeting or after the management meeting and stated in writing to all who attend the meeting.
- 10.2 Communication between parties shall be effective only when in writing.

11 Defects

- 11.1 The NCCASB's Representative 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 NCCASB's Representative may instruct the Contractor to search for a defect and to uncover and test any Work that the NCCASB's Representative 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.
- 11.2 The NCCASB's Representative 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.
- 11.3 Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified by the NCCASB's Representative's notice. If the Contractor has not corrected a defect within the time specified in the NCCASB's Representative's notice, the NCCASB's Representative 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.

12 Bills of Quantities/Schedule of Rates

- 12.1 The Bills of Quantities/Schedule of Rates 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 rates in the Bills of Quantities/Schedule of Rates for each item. Items against which no rate is entered by the Tenderer will not be paid for when executed and shall be deemed covered by the rates for other items in the Bills of Quantities/Schedule of Rates.
- 12.2 Where Bills of Quantities do not form part of the Contract, the Contract Price shall be a lump sum (which shall be deemed to have been based on the rates in the Schedule of Rates forming part of the tender) and shall be subject to re-measurement after each stage.

13 Variations

13.1 The Contractor shall provide the NCCASB's Representative with a quotation for carrying out the variations when requested to do so.

The NCCASB's Representative shall assess the quotation and shall obtain the necessary authority from the NCCASB before the variation is ordered.

- 13.2 If the Work in the variation corresponds with an item description in the Bill of Quantities/Schedule of Rates, the rate in the Bill of Quantities/Schedule of Rates shall be used to calculate the value of the variation. If the nature of the Work in the variation does not correspond with items in the Bill of Quantities/Schedule of Rates, the quotation by the Contractor shall be in the form of new rates for the relevant items of Work.
- 13.3 If the Contractor's quotation is unreasonable, the NCCASB's Representative may order the variation and make a change to the Contract Price, which shall be based on the NCCASB's Representative's own forecast of the effects of the variation on the Contractor's costs.

14 Payment Certificates and Final Account

- 14.1 The Contractor shall be paid after each of the following stages of Work listed here below (subject to re-measurement by the NCCASB's Representative of the Work done in each stage before payment is made). In case of lump-sum Contracts, the valuation for each stage shall be based on the quantities so obtained in the re-measurement and the rates in the Schedule of Rates.
 - (i) Advance payment_____(percent of Contract Price, [after Contract execution] to be inserted by the NCCASB).
 - (ii) First stage (*define stage*)
 - (iii) Second stage (*define stage*)_____
 - (iv) Third stage (define stage)
 - (v) After defects liability period .
- 14.2 Upon deciding that Works included in a particular stage are complete, the Contractor shall submit to the NCCASB's Representative his application for payment. The NCCASB's Representative shall check, adjust if necessary and certify the amount to be paid to the Contractor within 21 days of receipt of the Contractor's application .The NCCASB shall pay the Contractor the amounts so certified within 30 days of the date of issue of each Interim Certificate.

- 14.3 The Contractor shall supply the NCCASB's Representative with a detailed final account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The NCCASB's Representative shall issue a Defect 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 NCCASB's Representative shall issue within 21 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 NCCASB's Representative shall decide on the amount payable to the Contractor and issue a Final Payment Certificate. The NCCASB shall pay the Contractor the amount so certified within 60 days of the issue of the Final Payment Certificate.
- 14.4 If the period laid down for payment to the Contractor upon each of the NCCASB's Representative's Certificate by the NCCASB has been exceeded, the Contractor shall be entitled to claim simple interest calculated pro-rata on the basis of the number of days delayed at the

Central Bank of Kenya's average base lending rate prevailing on the first day the payment becomes overdue. The Contractor will be required to notify the NCCASB within 15 days of receipt of delayed payments of his intentions to claim interest.

15. Insurance

15.1 The Contractor shall be responsible for and shall take out appropriate cover against, among other risks, personal injury; loss of or damage to the Works, materials and plant; and loss of or damage to property.

16. Liquidated Damages

16.1 The Contractor shall pay liquidated damages to the NCCASB at the rate 0.001 per cent of the Contract price per day for each day that the actual Completion Date is later than the Intended Completion Date except in the case of any of the occurrences listed under clause 9.2. The NCCASB may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.

17. Completion and Taking Over

17.1 Upon deciding that the Work is complete the Contractor shall request the NCCASB's Representative to issue a Certificate of Completion of the Works, upon deciding that the Work is completed.

The NCCASB shall take over the Site and the Works within seven days of the NCCASB's Representative issuing a Certificate of Completion.

18. Termination

- 18.1 The NCCASB 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 continuously without reasonable cause or authority from the NCCASB's Representative;
 - (b) the Contractor is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
 - (c) a payment certified by the NCCASB's Representative is not paid by the NCCASB to the Contractor within 30 days after the expiry of the payment periods stated in sub clauses 14.2 and 14.3 hereinabove.
 - (d) the NCCASB's Representative 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.
- 18.2 If the Contract is terminated, the Contractor shall stop Work immediately, and leave the Site as soon as reasonably possible. The NCCASB's Representative 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.

19. Payment Upon Termination

19.1 The NCCASB 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 Site, plant, equipment and temporary works.

- 19.2 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 NCCASB's Representative may in writing specify, any temporary buildings, plant, machinery, appliances, goods or materials belonging to him, and in default thereof, the NCCASB 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.
- 19.3 Until after completion of the Works under this clause, the NCCASB 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 therefor the NCCASB's Representative shall certify the amount of expenses properly incurred by the NCCASB 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 NCCASB 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 NCCASB to the Contractor.

20. Corrupt Gifts and Payments of Commission

20.1 The Contractor shall not;

- (a) Offer or give or agree to give to any person in the service of the NCCASB any gifts 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 with the NCCASB or for showing or forbearing to show favour or disfavour to any person in relation to this or any other contract with the NCCASB.
- (b) 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 Laws of Kenya.

21. Settlement of Disputes

21.1 Any dispute arising out of the Contract which cannot be amicably settled between the parties shall be referred by either party 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 of the Chartered Institute of Arbitrators, Kenya branch, on the request of the applying party.

APPENDIX TO CONDITIONS OF CONTRACT

THE NCCASB IS

Name: NAIROBI CITY COUNTY ASSEMBLY SERVICE BOARD

Address: P.O. Box 45844 - 00100 NAIROBI

Name of NCCASB's Representative: **CLERK TO THE COUNTY ASSEMBLY**

The name (and identification number) of the Contract is **PROPOSED**

RENOVATIONS TO 14 EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY, TENDER NO. NCCASB/OT/19/12/2019/2020

The Works consists of **RENOVATIONS OF 14 WARD OFFICES**

The Start Date shall be AS AGREED WITH THE PROJECT MANAGER

The Intended Completion Date for the whole of the Works shall be **8 WEEKS FROM THE DATE OF SITE POSSESSION**

The following documents also form part of the Contract:

The Site Possession Date shall be AS AGREED WITH THE PROJECTMANAGER

The Site is located **WITHIN NAIROBI COUNTY** and is defined in drawings nos.

The Defects Liability Period is **180 DAYS**

Amount of Tender Security is **Kshs.175,000**(Note: This amount should be between one (1) percent and three (3) percent of the value of the Works)

The name and Address of the NCCASB for the purposes of submission of tenders

The Clerk Nairobi City County Assembly Service Board, P O Box 45844-00100 NAIROBI

The tender opening date and time is **Friday 10th January, 2020 at 12:00** noon

SECTION IV – SPECIFICATIONS, DRAWINGS AND BILLS OF QUANTITIES/SCHEDULE OF RATES

The bills of quantities and specifications for renovation works of existing ward offices below have been attached.

ITEM No.	WARD	PROPOSED WORKS	BILLS OF QUANTITIES
1	Lower Savanna	Proposed Renovation of Existing Ward Offices	Attached
2	Umoja I	Proposed Renovation of Existing Ward Offices	Attached
3	Umoja II	Proposed Renovation of Existing Ward Offices	Attached
4	Kayole South	Proposed Renovation of Existing Ward Offices	Attached
5	Njiru	Proposed Renovation of Existing Ward Offices	Attached
6	Dandora I	Proposed Renovation of Existing Ward Offices	Attached
7	Dandora 4	Proposed Renovation of Existing Ward Offices	Attached
8	Ziwani/Kariokor	Proposed Renovation of Existing Ward Offices	Attached
9	Eastleigh North	Proposed Renovation of Existing Ward Offices	Attached
10	Mathare North	Proposed Renovation of Existing Ward Offices	Attached
11	Utalii	Proposed Renovation of Existing Ward Offices	Attached
12	Roysambu	Proposed Renovation of Existing Ward Offices	Attached
13	Maringo/Hamza	Proposed Renovation of Existing Ward Offices	Attached
14	Moutain View	Proposed Renovation of Existing Ward Offices	Attached

SECTION V - STANDARD FORMS

List of Standard Forms

- (i) Form of Invitation for Tenders
- (ii) Form of Tender
- (iii) Form of Agreement
- (iv) Form of Tender Security
- (v) Performance Bank Guarantee
- (vi) Performance Bond
- (vii) Bank Guarantee for Advance Payment
- (ix) Qualification Information
- (x) Tender Questionnaire
- (xi) Confidential Business Questionnaire
- (xii) Details of Sub-Contractors

FORM OF INVITATION FOR TENDERS

	[date]
То:	[name of Contractor]
	[address]
Dear Sirs:	
Reference:	[Contract Name]
You have been prequalified	to tender for the above project.
We hereby invite you and c execution and completion c	other prequalified tenderers to submit a tender for the of the above Contract.
A complete set of tender do	cuments may be purchased by you from
[mailing	address, cable/telex/facsimile numbers].
Upon payment of a non-ref	undable fee of Kshs
	npanied bynumber of copies of the y in the form and amount specified in the tendering elivered to
[address	and location]
at or before immediately thereafter, in t to attend.	<i>(time and date).</i> Tenders will be opened the presence of tenderers' representatives who choose
Please confirm receipt of th telex.	nis letter immediately in writing by cable/facsimile or
Yours faithfully,	
	Authorised Signature

_____ Name and Title

	FORM OF TENDER	
ТО:	[Name of NCCASB)	[Date]
	[Name of Contract]	

Dear Sir,

1. In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities/Schedule of Rates 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 NCCASB's Representative'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 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.

	this		•					
0	authorized		tenders	for	and	on	behalf enderer]	of of
		[Address of		U			
Witnes	ss; Name							
	Address_	 						
	Signature_	 						
	Date							

(Amend accordingly if provided by Insurance Company)

FORM OF AGREEMENT

THIS AGREEMENT, made the	day	of _		20
between	C	of[or	whose	registered
office is situated at]				
(hereinafter called "the NCCASB") of the one part AN	D			
	c	of[or	whose	registered
office is situated at]				

(hereinafter called "the Contractor") of the other part.

WHEREAS THE NCCASB is desirous that the Contractor executes

(name and identification number of Co	ntract) (hereinafter called "the Works")
located at	_[Place/location of the Works]and the
NCCASB has accepted the tender subm	itted 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 and Appendix to Conditions of Contract
 - (v) Specifications
 - (vi) Drawings

- (vii) Priced Bills of Quantities/Priced Schedule of Rates[whichever is applicable]
- 3. In consideration of the payments to be made by the NCCASB to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the NCCASB to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
- 4. The NCCASB 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 1	here	unto	affixed	in	the	presence	e of
	Signed	Sealed,	and	1	Deli	vered	by	,	the	said
	Bine	ding Sig	nature	of	NCC	CASB			Bin	ding
Signature of C	Contractor									
In the presence	ce of (i) Name	e								
	Addre	ess								
	Signa	ature								
	[ii] Name	2								
	Addr	ess								
	Signa	ture								

FORM OF TENDER SECURITY

..... (name of Contract)

THE CONDITIONS of this obligation are:

- If after tender opening the tenderer withdraws his tender during the period of tender validity specified in the instructions to tenderers Or
- If the tenderer, having been notified of the acceptance of his tender by the NCCASB during the period of tender validity:
 - (a) fails or refuses to execute the form of Agreement in accordance with the Instructions to Tenderers, if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instructions to Tenderers;

We undertake to pay to the NCCASB up to the above amount upon receipt of his first written demand, without the NCCASB having to substantiate his demand, provided that in his demand the NCCASB will note that the amount claimed by him is due to him, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including thirty (30) days after the period of tender validity, and any demand in respect thereof should reach the Bank not later than the said date.

[date[

[signature of the Bank]

[witness]

[seal]

PERFORMANCE BANK GUARANTEE

To:	(Name of NCCASB)	(Date)
-----	------------------	--------

____(Address of NCCASB)

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 recognised 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 Bank Guarantee:

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 Completion.

SIGNATURE AND SEAL OF THE GUARANTOR

Name of Bank	
Address	
Date	

(Amend accordingly if provided by Insurance Company)

PERFORMANCE BOND

By this Bon	d, We		_of (or whose re	egistered office
is situated a	.t]		_	
as Principal	(hereinafter called "	'the Contractor") and	1	
		of[or whose	e registered off	ice is situated
at]				
as Surety (h	ereinafter called "th	e Surety"), are held	and firmly bou	nd unto
				of[or
whose	registered	office	is	situated
at]				
as Obligee	e (hereinafter ca	lled "the NCCAS	SB") in the	amount of
Kshs		amount of Bor	nd in figures/K	enya Shillings

[amount of Bond in words], for the payment of which sum well and truly, the Contractor and the Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS	the Contractor has	entered into a	Contract with	the NCCASB dated
the	day of	20		for the execution
of				

[name of Contract] in accordance with the Contract documents, Specifications and amendments thereto, which to the extent herein provided for, are by reference made part hereof and are hereinafter referred to as the Contract.

NOW THEREFORE, the Condition of this Obligation is such that, if the Contractor shall promptly and faithfully perform the said Contract (including any amendments thereto), then this obligation shall be null and void; otherwise it shall remain in full force and effect. Whenever the Contractor shall be, and declared by the NCCASB to be, in default under the Contract, the NCCASB having performed the NCCASB's obligations thereunder, the Surety may promptly remedy the default, or shall promptly:

- (1) complete the Contract in accordance with its terms and conditions; or
- (2) obtain a tender or tenders from qualified tenderers for submission to the NCCASB for completing the Contract in accordance with its terms and conditions, and upon determination by the NCCASB and the Surety of the lowest responsive tenderer, arrange for a Contract between such tenderer and NCCASB and make available as work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "Balance of the Contract Price", as used in this paragraph, shall mean the total amount payable by the NCCASB to the Contractor under

the Contract, less the amount properly paid by the NCCASB to the Contractor under Contract, or

(3) pay the NCCASB the amount required by the NCCASB to complete the Contract in accordance with its terms and conditions up to a total not exceeding the amount of this Bond.

The Surety shall not be liable for a greater sum than the specified penalty of this Bond.

Any suit under this Bond must be instituted before the expiration of one year from the date of issuance of the Certificate of Completion.

No right of action shall accrue on this Bond to or for the use of any person or corporation other than the NCCASB named herein or the heirs, executors, administrators, successors and assigns of the NCCASB.

In testimony whereof, the Contractor has hereunto set his hand and affixed his seal, and the Surety has caused these presents to be sealed with his corporate seal duly attested by the signature of his legal representative, this

day of _	20
SIGNED ON	_ SIGNED ON
On behalf of	_ On behalf of
[name of Contractor]	[name of Surety]
By	By
In the capacity of	In the capacity of
In the presence of;Name	In the presence of;Name
Address	Address
Signature Date	

BANK GUARANTEE FOR ADVANCE PAYMENT

То:		_ [name of NCCASE	3]	_(Date)
		_[address of NCCA	SB]	
Gentlemen,				
Ref:			[name of Co	ontract]
mentioned C Address of Co	ontract, We,_ ntractor] (herei:	sions of the Cond nafter called "the _/name of NCC	Contractor") sha	<i>[name and</i> all deposit with
amount of l	Kshs	thful performance <i>[amount of (</i> [a	Guarantee in f	<i>ïgurers]</i> Kenya
Contractor, ag	gree uncondition nd not a	c or financial ins onally and irrevoo s Surety m ame of NCCASB	cably to guarant erely, the	tee as primary payment to
whatsoever rig	-	on our part and		
		exceeding Kshs		
Guarantee	in		Kenya [<i>an</i>	-
	-	mount to be reduced by the contract of the Contra	ced periodically h	•

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 NCCASB] 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 NCCASB*) receives full payment of the same amount from the Contract.

Yours faithfully,

Signature	and Seal
Name of th	e Bank or financial institution
Address _	
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

yours					
Year		Volume			
		I			
	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	Type of work	Value of
	and contact	performed and	Contract
	person	year of	
		completion	
	· ·	I	

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

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

1.6 Financial reports for the last five years: balance sheets, profit and loss statements, auditor's reports, etc. 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 NCCASB.

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

1.9 Proposed program (work method and schedule) for the whole of the Works.

2 Joint Ventures

- 2.0 The information listed in 1.1 2.0 above shall be provided for each partner of the joint venture.
- 2.1 The information required in 1.11 above shall be provided for the joint venture.
- 2.2 Attach the power of attorney of the signatory(ies) of the tender authorizing signature of the tender on behalf of the joint venture
- 2.3 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 of tenderer;
5.	Name of tenderer's representative to be contacted on matters of the tender during the tender period;
б.	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 NCCASB)

CONFIDENTIAL BUSINESS QUESTIONNAIRE

You are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2 (b) or 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 Licencee 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:

	Name in full	Nationality	Citizenship Details	Shares
1	•••••		•••••••••••••••••••••••••••••••••••••••	•••••
23			••••••	
5	• • • • • • • • • • • • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •

DETAILS OF SUB-CONTRACTORS

If the Tenderer wishes to sublet any portions of the Works under any heading, he must give below details of the sub-contractors he intends to employ for each portion.

Failure to comply with this requirement may invalidate the tender.

	Portic	on of Works to be sublet:	
	[i)	Full name of Sub-contractor and address of head office:	
(ii) Sub-contractor's experie of similar works carried			
		in the last 3 years with Contract value:	
	Portic	on of Works to sublet:	
	(i)	Full name of sub-contractor and address of head office:	
(ii)		Sub-contractor's experience of similar works carried out in the last 3 years with	
		contract value:	
	[Signa	ature of Tenderer)	Date

PROPOSED RENOVATION OF NJIRU WARD OFFICES **BILL OF QUANTITIES** FOR

× 55 ×

		\bigcirc		Ċ		
	2				NO	
PP/1	To Collection	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm an shall apply equally to any other combination of figures expressed in a similar fashion. "m.s" shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean square metre "m3" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	'B.S" shall mean the current British Standard specification published the British standards institutions, 2 park Street, London W.1, England "Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works Definition of Terms and Abbreviations Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	<u>GENERAL AND PARTICULAR PRELIMINARIES</u> <u>SUFFICIENCY OF TENDER</u> The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for	DESCRIPTION
	· ·	and	d by nd.	ver all ssary oreted	lering	
						KSHS.

y the Authorities services. Any II be reported hority shall be made nse. shall be responsible nse. of tender the name nsurance Company e willing to be (5) percent of the ontract up to the nd who will, when he Contract ns) on the same day ender not being urnish within seven yer. No payments nd is provided. The nnection with the	as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	
y the Authorities services. Any Il be reported hority shall be made nse. shall be responsible rnse. of tender the name nsurance Company e willing to be (5) percent of the ontract up to the nd who will when he Contract ns) on the same day ender not being	as the Contract Agreement is signed In the event of the Surety named in the Form of te	
y the Authorities services. Any Il be reported hority shall be made nse. id damage to any shall be responsible shall be responsible nse. of tender the name nsurance Company we willing to be (5) percent of the ontract up to the and who will when	and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day	
y the Authorities services. Any Il be reported hority shall be made nse. id damage to any shall be responsible snse. of tender the name nsurance Company	or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when	
y the Authorities services. Any Il be reported hority shall be made nse. id damage to any shall be responsible nse.	<u>Performance Bond</u> The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company	ŢIJ
y the Authorities services. Any Il be reported hority shall be made nse.	<u>Protection of Existing Property</u> The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	D
	make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	
uthorities the exact bles, water pipes, or	Protection of existing services. The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other for above the Site and he shall	С
e Contractor for s, etc., shall be n the site Plan.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	В
orary roads for the xecution of the erts, crossing, shall remove such good and reinstate of the Engineer.	The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	
	Temporary Roads Etc	A
KSHS	DESCRIPTION	ITEM

r (S) di

10 m c 30

	ŢŢ		D		C		t	IJ		A	ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Temporary Lighting and Power	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated subcontractors in included in the items of attendance).	Water for the Works	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
			, ,				<u></u>				KSHS.

8

 \bigcirc

r cj di

1) 1 1)

					D	0					đ	A	ITEM NO
PP/4	To Collection	of every month.	thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns	<u>GROUP</u> The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens.the contractor shall ensure that not more than two	EMPLOYMENT OF LOCAL PERSONNEL&THE MARGINALIZED	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name board size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon the Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
		or n 7 th day	shall 1 persons r returns	onable rience han two	ZED	board	1 the	gineer's /hen no	ngaged uncil, 1en no	uare a or the	s liable	pon the pay all	
													KSHS.

()

 \square

				Ţ	t	T	U.	7	°.	ų	-	A.	ITEM NO
PP/S	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
		ut		r r		sary ort					ing	ч. П	
2			×			*	v						KSHS.

 \bigcirc

0, -t, V)

		a a		-						1	-	ITEM NO
PP/6	To Collection		All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
			er	d on				and the lar nd		the d on llth.		
												KSHS.

 \bigcirc

												ITEM NO
PP/7	To Collection		Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site whichper centum shall be added.	i) Labour: The prime cost of labour to which per centum shall be added.	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	Day works	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
			Engineer d the	und lishment			shall be	a.	es ith P.C. e items.	, or e, be and uking per	taining to show oover equired.	
		4			1							KSHS.

			μ
 ITEM NO	DESCRIPTION	. *	KSHS
	Nominated Sub-Contractors		
	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	ating ated	
	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract as between the Employer and the nominated sub-contractor.	of the or be vy	2.
	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	shall be ral and fore rovided	
-	Direct contract work		
	The term "add for attendance" on direct contract work shall be deerned to include for all requirements contained in the same item for nominated subcontract work previously described.	ned to ed sub-	
ň	Training Levy		i.
	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from.	er, f the ,000/= there	
	Conditions of Contract		
	Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenya 1999 Edition and contractor shall purchase two copies for execution of contract once they are awarded the contract.	olished shall d the	
		×	
	To Collection		
	FF/8		

.

 \bigcirc

.

×.									A I I I	ITEM I
	<u>6/dd</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	<u>SALES TAX/VALUE ADDED TAX</u> The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	<u>INSURANCE</u> The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
					5					KSHS.

 \bigcirc

. ,		\bigcirc)	-											
	, w.				 										ITEM NO
	PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	TOTAL FOR	Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/ 2	Page No. PP/1	Collection	DESCRIPTION
					 					17 					
							ŧ	5							KSHS.

.

			I		5	TIC	Ē	D	\cap			В			⊳					in t	,
njiru.ward.	Carried to collections		45 x 900 x 2100mm high solid core flush door faced both sides with 3mm thick interior quality cypress veneered plywood and hardwood lipped all edges	Flush doors	Ditto transome with four labours	150 x 50mm frame with four labours plugged	40 x 15mm glazing bead with one labour	38 x 15mm architrave with two labour	15mm quadrant beading with one labour	Wrot prime grade mahogany in door frames and finishings	DOORS	General surfaces of timber	Knot, prime, stop and apply three coats of "Ronseal" clear Wood Vanish as "Crown" or other equal and approved on:	of 75 x 75mm wrot mahogany framework and beadings spaced approximately 1200mm centres; vertically divided into two parts comprising 550mm high top panel infilled with louvred glass complete with levers and louvre carriers; 2150mm high bottom panel faced infilled with 25mm thick blockboard faced both sides with 3mm thick mahogany veneers (all as per detailed architect's design)	75mm thick x 2400mm high blockboard partitions comprising	Timber Partitions	PARTITIONS AND SCREENS	BILL NO. 1 BUILDER'S WORK	WARD	PROPOSED RENOVATIONS OF EXISTING WARD OFFICES	2
	S		Ν		Ν	12	10	12	12			24		12						Qty	
NAIF			no		lm	lm	lm	lm	lm			sm		sm	-		2			Unit	
NAIROBI.CITY																					
ITY.CO		1999 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 2008 - 1		teres	a Drie al grida					to La Marcado	- 7446-444				****					Rate	
.COUNTY.ASSEMBLY			•					· · ·							1					Amt (Kshs.)	

٦

à

		5	-			I	<u>د</u>	п			ш		\cap	в			Þ	iõ.	0
	Carried to collections		Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area- 90 square metres)	FLOOR FINISHES	FINISHES	Ditto exceeding 200mm but not exceeding 300mm girth	Ditto not exceeding 100mm girth	General surfaces of wood	Knot, prime, stop and apply three coats of "Ronseal" clear Wood Vanish as "Crown" or other equal and approved on:	Painting	Delayed action non-reversible overhead door closer as "UNION" or other equal and approved	38mm diameter, 59mm deep rubber door stop including 32mm deep iron lug plugged to floor	3- lever mortice lock complete with aluminium lever furniture	100mm pressed brass butt heavy duty hinges	Supply and fix the following ironmongery with matching screws as per "UNION" catalogue or other equal and approved	Ironmongery	6mm thick clear glass and glazing with mahogany timber beads (m/s) to timber frame in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing	
						14	34	8			4	4	Ν	ω	ž		2		Qty
			item			lm	lm	sm			no	no	no	prs	њ. т.		Sm		Unit
-	SMaryda Stalan e da									ter internet states			4						Rate
			 -				2						i						
													1	2					Amt (Kshs.)

CA/2

NAIROBI.CITY.COUNTY.ASSEMBLY

		I				ł		-	п			Ξ	D	\bigcirc			\cap	Β		Þ	67	1
njiru.ward. CA/3	Carried to collections	General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	or/ and concrete including the necessary framework all round	centres both ways as directed including plugging into masonry	20 x 20mm mild steel bars cut and welded together at 150mm	panes exceeding 0.10 but not exceeding 0.50 square metres	5mm thick clear choot glace glazed with mutty to metal in	Glazing	<u>WINDOWS</u>	Ditto ceiling surfaces ditto	Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	100 x 10mm thick skirting with rounded top ditto	$300 \times 300 \times 10$ mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	Approved non slip coloured ceramic floor tiles from an approved stockist	30mm thick screed prepared to receive ceramic floor tiles (m/s)	Cement/Sand (1:3) in:	
		34			17			-				90	115				45	90		90		Qty
NAIRO	•	sm		ĸ	sm			sm				sm	sm		_		lm	sm		sm		Unit
BI.CITY.CC												-					000111		street all all streets			Rate
TNUC			-					2												·		
NAIROBI.CITY.COUNTY.ASSEMBLY																						Amt (Kshs.)

. [E	4		 		\bigcap	ß	> `	Gr , I
njiru.ward. CA/4	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/3	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION				Carried to collections	Supply and fix approved vertical screening curtains/blinds complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional)	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved <u>Curtains/blinds</u>	<u>Metal work</u>
x								 		ctions	nal)	/rod ers; s to ther	
_		2									21	Q	Qty
VAIRO							5		_		Sm	Ŧ	Unit
NAIROBI.CITY			No			1							Rate
COUN										1			Ň
COUNTY.ASSEMBLY					× ,							7	Amt (Kshs.)

		0	B	A		: 6:	р т. б . р . г.
PROVISIONAL TOTAL CARRIED		Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	Allow a Provisional Sum of Kenya Shillings Fifty Thousands (Kshs 50,000/=) only for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation)	Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration	PROVISIONAL SUMS	BILL NO. 2	
			~				and a second second second
		50,000.00	50,000.00	50,000.00		Amt (Kshs.)	

njiru.ward.

PC/1

NAIROBI.CITY.COUNTY.ASSEMBLY

 WITNESS – NAME ADDRESS DATE SIGNATURE	CONTRACTOR. ADDRESS DATE SIGNATURE					3. BILL NO. 2	2. BILL NO. 1		ITEM	GRAND SUMMARY	RENOVATION	NAIROBI CIT	co ^r Z.	62.08 2
	Ŗ	GRAND TOTAL CARRIED				0, 2 - PRIME COST AND PROVISIONAL SUMS	1 - BUILDER'S WORK	PRELIMINARIES	PARTICULARS	MARY	RENOVATIONS OF EXISTING OFFICES	<u>PROPOSED RENOVATIONS OF EXISTING WARD OFFICES</u> <u>NAIROBI CITY COUNTY ASSEMBLY - NJIRU WARD</u>		
		RIED TO FORM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	PC/1	CA/4	PP/10	PAGE NO			ARD		
													Amt (Kshs.)	-

njiru.ward.

CS/1

NAIROBI.CITY.COUNTY.ASSEMBLY.

PROPOSED RENOVATION OF DANDORA I WARD OFFICES **BILL OF QUANTITIES** FOR

a a a

				\bigcirc	a a		e	R P C	r.) - 4
						ZC	ITEM	6	
To Collection PP/1	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm an shall apply equally to any other combination of figures expressed ir a similar fashion. "m.s " shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean linear metre "m3" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S'' shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works	GENERAL AND PARTICULAR PRELIMINARIES SUFFICIENCY OF TENDER	DESCRIPTION		
	and		by	sted	or ary		K	-	
							KSHS.		

	Ţ	D	C	В	>	ITEM
To Collection PP/ 2	Performance Bond The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	Protection of Existing Property The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	Protection of existing services. The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	DESCRIPTION
		~				KSHS.

 \bigcirc .

 $\langle C \rangle$

Р. 2-3- -

	μ		D.		С		u			A	ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Temporary Lighting and Power	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub-contractors in included in the items of attendance).	Water for the Works	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
	n.		rvices, arges		je at		orks, s and as		ry ry ted ccess		
	,			-							KSHS.

źĩ

		\bigcirc				\bigcirc			
		0 0	-				B	A	ITEM NO
To Collection	<u>GROUP</u> The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens the contractor shall ensure that not more than two thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns with the engineer indicating the name of employee, their designation, age, gender, and whether they are living with disability or not. The returns should reach the office of the engineer not later than 7 th day of every month.	Notice Boards The Contractor is to erect on possession of the Site a painted name boa size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
×	an two shall persons returns 7 th day	board	the	ineer's hen no	gaged ıncil, en no	, for uare a or the	sliable	oon the pay all	
									KSHS.

.

2 %; t)

Г					Ъ	U.			٦	C.	B.		A.	ZE
×							- 4			• 1	,		•	ITEM NO
	PP/S	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
		C	all		le of y or		sessary sport		in,		le	ne on nrrying printed		
				-	-						,			KSHS.

												NO
•	. PP/6	To Collection	 All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
	*			r.	,							NOID.

•						đ				*	ITEM. NO
PP/7	To Collection	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site which ber centum shall be added.	i) Labour: The prime cost of labour to which per centum shall be added.	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	Day works	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
								· · · · ·	a		KSHS.

 \bigcirc

				,							•		ITEM NO	
b/dd	To Collection		Conditions of Contract applicable to this contract shall be these publ by the Joint Buildings Council, Kenya 1999 Edition and contractor s purchase two copies for execution of contract once they are awardec contract.	Conditions of Contract	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from.	Training Levy	The term "add for attendance" on direct contract work shall be deen include for all requirements contained in the same item for nominate contract work previously described.	Direct contract work	The term "add for attendance" on nominated sub-contractors works shal deemed to include for all requirements contained in clauses on general <i>z</i> special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provible by the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created ary privity of contract as between the Employer and the nominated sub-contractor.	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	Nominated Sub-Contractors	DESCRIPTION	
			lished shall d the		er, f the ,000/= there		ned to ed sub-	lande-tr, "Discourse	shall be ral and fore provided	of the or be ny	ns to ating ated			
				9							-		KSHS	

Г					\bigcirc		· 0	. B	>	
						3				ITEM NO
	<u>9/44</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	NCA REGISTRATION The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	SALES TAX/VALUE ADDED TAX The contractor's attention is drawn to the sales tax and the value added acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to ol samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	INSURANCE The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
		÷		he	aterials hitect.	iions of rices of tained. nit	ded tax his om.	o obtain se th the	and s of	
								*		KSHS.

, 0, , 0 , 2 , 2

.

		CARRIE	GENERA	. TOTAL FOR		Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/ 2	Page No. PP/1	<u>Co</u>	ITEM DESCRIPTION NO	
	PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	OR		PP/9	PP/8	PP/7	PP/6	PP/5	PP/4	PP/3	PP/2	PP/1	Collection	TION	
	0		LIMINARIES							ţ							
					n, 14 14												
÷				ž						5						KSHS.	

· · · · · ·

 \bigcirc

- Q2 - 1

				ш			\bigcirc	D	\cap		Β							1	1. 0
Carried to collection				Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equa and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	100 x 10mm thick skirting with rounded top ditto	$300 \times 300 \times 10$ mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	<u>Approved non slip coloured ceramic floor tiles from an approved stockist</u>	30mm thick screed prepared to receive ceramic floor tiles (m/s)	Cement/Sand (1:3) in:	Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area- 75 square metres)	FLOOR FINISHES	NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY	FINISHES	BILL NO. 1 BUILDER'S WORK	FOR THE NAIROBI CITY COUNTY ASSEMBLY - DANDORA 1 WARD	PROPOSED RENOVATIONS OF EXISTING WARD OFFICES
				96				60	75		75							÷	Qty
				sm	-			lm	sm		sm		item						Unit
			1														-		Rate
														-11		1			
						. 8												-	Åmt (Kshs.)
	Carried to collections	Carried to collections	Carried to collections	Carried to collections	Previously painted wall surfaces measured overall over all 96 doors and windows surfaces; internally 96 Carried to collections	<u>Thoroughly scrub down previously painted surfaces of all</u> <u>dust, prepare and apply three coats of "Crown" or other equal</u> <u>and approved gloss oil paint on:</u> Previously painted wall surfaces measured overall over all doors and windows surfaces; internally Garried to collections	Painting and decorating Thoroughly scrub down previously painted surfaces of all. dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96 Carried to collections	WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all. dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96 Carried to collections	100 x 10mm thick skirting with rounded top ditto 60 WALL FINISHES Painting and decorating Painting and decorating 100 x 10mm thick skirting with rounded top ditto Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces; internally Carried to collections	 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 100 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting top ditto 200 x 10mm top ditto 200 x 10mm	Approved non slip coloured ceramic floor tiles from an approved sockist 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 60 100 x 10mm thick skirting with rounded top ditto 60 WALL FINISHES 60 Painting and decorating 60 Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: 60 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 75 Approved stockist 75 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 75 100 x 10mm thick skirting with rounded top ditto 60 WALL FINISHES 60 Painting and decorating 60 Intoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: 60 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	Cement/Sand (1:3) in: 30mm thick screed prepared to receive ceramic floor tiles from an approved non slip coloured ceramic floor tiles from an approved stockist 75 Approved non slip coloured ceramic floor tiles from an approved stockist 75 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 75 100 x 10mm thick skirting with rounded top ditto 75 WALL FINISHES 60 Painting and decorating 60 Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: 60 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area-75 square metres) in: Somm thick screed prepared to receive ceramic floor tiles from an approved stockist 75 Approved non slip coloured ceramic floor tiles from an approved stockist 75 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 75 100 x 10mm thick skirting with rounded top ditto 76 WALL FINISHES 60 Painting and decorating 60 Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: 60 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	ELOOR FINISHES Carefully hack existing worn floor screed including skirting: prepare the floor to receive new floor finish internally and area-75 square metres) Cement/Sand (1:3) in: 30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 300 × 300 × 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 100 × 10mm thick skirting with rounded top ditto VMALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY FLOOR FINISHES Carefully hack existing worn floor screed including skirting: prepare the floor to receive new floor finith internally and externally, load and cart away arising debris (Approximately area. 75 square metres) 20mm thick screed prepared to receive ceramic floor tiles from an approved stockist 30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 100 x 10mm thick skirting with rounded top ditto WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces: internally 96 Carried to collections	FINISHES NB:: M.C.A.'s OFFICES AND CORRIDOR ONLY FLOOR FINISHES Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and extremally, load and cart away arising debris (Approximately area. 75 square metres) Cement/Sand (1:3) In: 30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 300 x 300 x 10mm thick floor tiles fixed with an approved stockist 300 x 10mm thick skirting with rounded top ditto WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces: internally 96	BILL NO. 1 BUILDER'S WORK FINISHES NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY FLOOR FINISHES Carefully hack existing worn floor screed including skirting: prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area-75 square metres) Cement/Sand (1:3) in: 30mm thick screed prepared to receive ceramic floor tiles (m/s) 300 x 300 x 10mm thick floor tiles fixed with an approved athesive on prepared screed (m/s) 100 x 10mm thick skirting with rounded top ditto WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crowm" or other equal and approved gloss oil paint on: Previously painted wall surfaces; internally 96 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	FOR THE NAROBI CITY COUNTY ASSEMBLY - DANDORA 1WARD BILL NO. 1 BUILDER'S WORK FINISHES NB:- M.C.A.'S OFFICES AND CORRIDOR ONLY Ecorefully hack existing worn floor screed including skirting: prepare the floor to receive new floor finis internally and externally, load and cart away arising debris (Approximately area-75 square metres) Cement/Sand (1:3) In: 30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 300 x 300 x 10mm thick floor tiles from an approved stockist 300 x 300 x 10mm thick floor tiles from an approved athesive on prepared screed (m/s) 100 x 10mm thick skirting with rounded top ditto WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all adhesive on prepare and apply three casts of "Crown" or other equal and approved glos oil paint on: Previously painted wall surfaces internally 96 Owrs and windows surfaces: internally 96 96 97 96 96 96 96 96 96 96 96 96 96 96 <tr< td=""></tr<>

1			<u>ب</u>			-	I		00		п		т	D	\bigcap	\cap	B		⊳		ĩ	C ,	,
dandora.1.ward. CA/2	Carried to collections		5mm thick clear sheet glass glazed with putty to metal in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing	<u>WINDOWS</u>	Timber surface 100 - 200mm girth	General surfaces of cellotex ceiling boards	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint on:	Prime back of frame before fixing not exceeding 100mm girth	Painting and decorating	100 x 25mm moulded cornice with six labours	Wrot celcured cypress in:	Extra over cellotex ceiling in 600 x 600mm access door including the necessary framework and hinges	13mm thick cellotex ceiling boards internally fixed with symmetrical V-jointed patterns to existing timber brandering	<u>Ceiling boards</u>	100 x 50mm plugged ditto	50 x 50mm brandering (provisional)	Sawn celcured second grade cypress:-	Carefully remove existing worn-out celotex ceiling including rotten brandering; load and cart away arising debris (Approximately area- 75 square metres)	Demolitions (Provisional)	NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY	CEILING FINISHES	
÷			- 			40	75		08		40		2	75		40	75						Qty
NAIRC			sm			lm	sm		lm		lm		no	sm		lm	lm		item	-			Unit
)BI.CIT).	с.			÷												2		2				Rate
.cou			n na staniczni skratki M						alatırı — il amiatsayırın										en to automa desarro	1999		1.1. (m.)	
NAIROBI.CITY.COUNTY.ASSEMBLY									×.	и З													Ar
EMBLY																			ж •				Amt (Kshs.)
						51			~			5			-							-	15.)

Π						\bigcap	200 200	D	0		В				Þ).2>	G
	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION	Carried to collections	complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional)	<u>Curtains/blinds</u> Supply and fix approved vertical screening curtains/blinds	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved	Metal work	General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	or/ and concrete including the necessary framework all round	20 x 20mm mild steel bars cut and welded together at 150mm	Burglar proofing	
							7		S		14			7		-	Qty
							sm		Ē		sm			sm			Unit
					en e								to characterist		i di satu		Rate
											e	(2) 					
				r.													Amt (Kshs.)

dandora.1.ward.

CA/3

NAIROBI.CITY.COUNTY.ASSEMBLY

			$\overline{\bigcirc}$			ь Болого Б
<u>TOTAL CARRIED</u> <u>SUMS</u> <u>TO GRAND SUMMARY</u>		C Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	 B Allow a Provisional Sum of Kenya Shillings Fifty Thousands (Kshs 50,000/=) only for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation) 	 A Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration 	PROVISIONAL SUMS	BILL NO. 2
		50,000.00	50,000.00	50,000.00		Amt (Kshs.)

0 x *

dandora.1.ward.

PC/1

dand	WITNESS – NAME ADDRESS DATE SIGNATURE.	CONTRACTOR. ADDRESS DATE SIGNATURE		\bigcirc			3. BIL	2. BIL	1.	ITEM	GRAND S	RENOVA	ч.,	ь с ₇ е
dandora.1.ward.	S – S	ACTORS	GRAND TOTAL				BILL NO. 2 - PRIME COST AND PROVISIONAL SUMS	BILL NO. 1 - BUILDER'S WORK	PRELIMINARIES	PARTICULARS	GRAND SUMMARY	RENOVATIONS OF EXISTING OFFICES	PROPOSED RENOVATIONS OF EXISTING WARD NAIROBI CITY COUNTY ASSEMBLY - DANDORA	
CS/1			CARRIED TO FORM OF				PC/1	CA/3	PP/10	PAGE NO			<u>ING WARD OFFICES FOR THE</u> DANDORA 1 WARD	
NAIROBI.CITY.C			OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL				0		1	 市	
.COUNTY.ASSEMBLY.									-				Amt (Kshs.)	

dandora.1.ward.

200 income

DANDORA IV WARD OFFICES PROPOSED RENOVATION OF **BILL OF QUANTITIES** FOR

()

.ź

-			G-				Ċ)				(r - 2
											NO	ITEM	で	2
	PP/1	To Collection	"m.s " shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean square metre "m3" shall mean cubic metre "kgs" shall mean square hollow section "No" shall mean number	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm and shall apply equally to any other combination of figures expressed in a similar fashion.	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S" shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	Definition of Terms and Abbreviations	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover al his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works	SUFFICIENCY OF TENDER	GENERAL AND PARTICULAR PRELIMINARIES	DESCRIPTION		
	×			nd		d.	reted		ering for for all ssary					
				~	÷ .			ŭ	×			KSHS.	: *	

Cart

19

Ś

		ŢŢ)	D	C	Β	A	ITEM
PP/ 2	To Collection	<u>Performance Bond</u> The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the	<u>Protection of Existing Property</u> The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	<u>Protection of existing services</u> . The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engireer.	DESCRIPTION
		name npany se of the the when when seven seven ents d. The d. The	any onsible	exact pes, or l lies iles made	. e for	r the e such nstate eer.	
							KSHS.

 $C^{(-)}$

2 m .

		To Collection PP/3	
	ired	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Π
		Temporary Lighting and Power	ς. 11
	rvices, rges	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub-contractors in included in the items of attendance).	D
		Water for the Works	
	e at	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	C
	2	Protection of the Works	
-	orks, 's and as	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	
	÷	Security of the Works	Ψ
	rsons ary cted ccess	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	
		Protection of Public and Private Roads etc	A
KSHS.		DECRIPTION	ITEM NO

É

2) - 2) - 2)

x

÷ .

	8		× .	D	C			~	K.	B	A	ITEM NO
PP/4	To Collection	of every month.	The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens.the contractor shall ensure that not more than two thirds of the personel are from the same gender.Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities.The contractor shall be filing monthly labour returns	EMPLOYMENT OF LOCAL PERSONNEL&THE MARGINALIZED	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name board size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon the Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
		or 1 7 th day	nan two shall persons r returns	ZED	board	1 the	gineer's vhen no	ngaged uncil, 1en no	n, for quare e a for the	ls liable	upon the ll pay all	
			4 . 1					,		a.		KSHS.

Ð

Z

P

;

	-		
		PP/5	
		To Collection	2 17
	out	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	
T		Visitors to Site	
,	e of or	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	т <u>л</u>
		Working Hours	t
	essary sport	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	IJ
		Labour, Material etc	
	n, al	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	7
		General Scaffolding	C.
	ē	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	
	ne on rrying vrinted	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	
,		Advertisements	A.
KSHS.		DESCRIPTION	ITEM NO

 \mathcal{A}

ï

e, ÷

	e *											ITEM NO
PP/6	To Collection		All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
				\$0 .								KSHS.

 $\subset \sim$

n S

.

		<u>O</u>					.(
t.	• • •		,					ж . ж		ITEM NO
To Collection	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site whichper centum shall be added.	i) Labour: The prime cost of labour to which	Day work ordered under clause 11(4) of the conditions of contract shall b executed at the following rates: -	Day works	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders cortaining lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
	ineer 1e	ment		i	l be		P.C. ems.	ño Lo .	ning how er ired.	
				¢.						KSHS.

 \mathcal{O}

, v

To Collection	Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenya 1999 Edition and contractor shall purchase two copies for execution of contract once they are awarded the contract.	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from. Conditions of Contract	The term "add for attendance" on direct contract work shall be deemed to include for all requirements contained in the same item for nominated sub-contract work previously described. <u>Training Levy</u>	Direct contract work	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract as between the Employer and the nominated sub-contractor.	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	Nominated Sub-Contractors	DESCRIPTION
	shed nall the	;; he 00/= ere	d to I sub-		nall be Il and re ovided	f the be	ing ed		

 $\mathcal{C}^{\mathcal{O}}$

			<u>6/dd</u>	,	
			To Collection		
·			<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	T.	
		he	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of contract with National Construction Authority.	۲IJ.	(
		aterials hitect.	The contractor shall be paid on monthly basis for work done and m on site upon issue of a certificate by the Quantity Surveyor and Arc	x	
		itions of prices of prtained. unit	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the condicontract shall be deleted. No claim (s) with respect to increase in p Building materials, labour costs, or local currency etc shall be ente The Contractor is deemed to have included the above items in his u rates.	D	
		ided tax I his rom.	SALES TAX/VALUE ADDED TAX The contractor's attention is drawn to the sales tax and the value ac acts on most recent and any subsequent amendments thereafter and tender is deemed to include for all costs arising or resulting there fi	· 0	
		o obtain ese th the	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtai samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.		
		and s of	<u>INSURANCE</u> The contractor shall allow for insurance against, among other risks personal injury; loss of or damage to the works materials and plant loss of and damage to the property as per clause 15 of the condition contract.	A	·
	KSHS.		DECRIPTION	ITEM NO	
	а 11. – С.			×	

2

· · · · ·

ź

COUNTY.ASSEMBLY		NAIROBI.CITY	NAII		dandora.4.ward.	I
					Carried to collections	_
			no	4	Make 75mm diameter hole in gutter	Т
			no	4	Extra over gutters for stopped ends	<u>ر</u>
2			no	4	Extra over ditto for 75mm diameter down pipe outlet	-11
			Б	24	28 gauge 125 x 100mm U-shaped pre-painted gutter fixed to steel roof structure (m/s) with and including approved brackets	т
÷				· .	Rain water goods	
			lm	6	Ridge cap fixed to match laid with 150mm end laps	D
			sm	65	Sheet covering to pitched roof	0
•					<u>Gauge 28 pre-painted IT4 profile sheets fixed to purlins (m/s)</u> with and including weathered rust proof screw bolts 75mm long with plastic cap laid with 300mm side and 150mm end laps as supplied by "Mabati Rolling Mills" or other equal and approved and fixing to timber purlins	a an
					Roof covering	
			Ē	65	<u>Sawn celcured second grade cypress:-</u> 75 x 50mm purlins (provisional)	a C
			item		Carefully remove existing worn-out roofing sheets including ridge and hip caps, rotten fascia/barge boards and gutters, brandering; load and cart away arising debris (Approximately area- 65 square metres)	>
					Demolitions (Provisional)	
					<u>RE-ROOFING</u>	
	1				BILL NO. 1 BUILDER'S WORK	
Amt (Kshs.)	Rate		Unit	Qty	PROPOSED RENOVATIONS OF EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY - DANDORA 4 WARD	
					×	v.

		 I				ົດ	Π		т		0				\cap	B	Þ		10
dandora.4.ward.	Carried to collections	Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	100 x 10mm thick skirting with rounded top ditto	$300 \times 300 \times 10$ mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	Approved non slip coloured ceramic floor tiles from an approved stockist	30mm thick screed prepared to receive ceramic floor tiles (m/s)	Cement/Sand (1:3) in:	Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately) area- 25 square metres)	FLOOR FINISHES	NB:- M.C.A.'s OFFICES ONLY	FINISHES	Ditto horse shoe	Extra over ditto for swan neck	75mm diameter down pipe fixed to wall with and including approved holderbats	26 gauage pre-painted mild steel sheet in:	
	llections	all	<u>all</u> er equal				oved	دا	iles		ting; and nately						uding		
		 50				20	25		25		3 · · · · · · · · · · · · · · · · · · ·			-	4	4	12		Qty
NAIRC		sm				lm	sm	-	sm		item				no	no	lm		Unit
NAIROBI.CITY.COUNTY.ASSEMBLY			2																
Y.COL																starter with the starter			Rate
NTY.A			`		4)					e:	. *								+
ASSEME																			Amt
згл						n ^{- 4}													Amt (Kshs.)
		5			*					2									

dandora.4.ward.				1 Timber surface 100 - 200mm girth	H General surfaces of cellotex ceiling bo	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint on:	G Prime back of frame before fixing not exceeding 100mm girth	Painting and decorating	F 100 x 25mm moulded cornice with six labours	Wrot celcured cypress in:	E Extra over cellotex ceiling in 600 x 600mm access door including the necessary framework and hinges	D 13mm thick cellotex ceiling boards internally fixed with symmetrical V-jointed patterns to existing timber brandering	Ceiling boards	C 100 x 50mm plugged ditto	B 50 x 50mm brandering (provisional)	Sawn celcured second grade cypress:-	A Carefully remove existing worn-out celotex ceiling including rotten brandering; load and cart, away arising debris (Approximately area- 25 square metres)	Demolitions (Provisional)	NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY	CEILING FINISHES	£.
CA/3	Carried to collections	X		30	boards 25	d two finishing coats of	ot exceeding 100mm girth 55	-	ix labours 30		00mm access door nd hinges 1	ternally fixed with sting timber brandering 25		20	25		elotex ceiling including y arising debris es)		DOR ONLY		QIY
NAII			 	lm	sm		lm		lm		no	sm		lm	lm		item		×		Unit
NAIROBI.CITY.C				_	_																t Rate
		<u> </u>			8	-	,														+
OUNTY.ASSEMBLY					y.				14			_								Ţ	Amt (Kshs.)

1					ш	6	\rightarrow		D		\cap		6	B				\triangleright			e e
dandora.4.ward.	Carried to collections				General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	or/ and concrete including the necessary framework all round	20 x 20mm mild steel bars cut and welded together at 150mm	Burglar proofing	5mm thick clear sheet glass glazed with putty to metal in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing		General metal grilles surfaces	"Crown" or other equal and approved plastic gloss paint to:	Prepare and apply one undercoat and two finishing coats of	Painting	Standard steel grille door overall size 900 x 2400mm high comprising 50 x 50 x 3mm RHS plugged frame all round; infilled with 25 x 50mm RHS as directed; the door to include all necessary approved ironmongery and accessories	Security grille door	DOORS	
			-		6			ω			1	×		ഗ				-			Qty
NAIR					sm			sm			sm			sm				no	. *		Unit
		n naacoloniomio - Waxaa		 ani e constante de la constante					5-6-5-3-75-A												Rate
OUNTY								·													
NAIROBI.CITY COUNTY ASSEMBLY		*																			Amt (Kshs.)
																			<i>1</i> 0		

Г						0	ç.	 	,	C	Ì	B		Þ		
dandora.4.ward. CA/5	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/4	Brought forward from page CA/3	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION			Carried to collections	accessories to window openings all to approval (Provisional)	Supply and fix approved vertical screening curtains/blinds	<u>Curtains/blinds</u>	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved	<u>Metal work</u>	
			-							,	4			ω		Qty
NAIR				1				8			sm			E		Unit
OBI.CITY.		-								wa zo zbino zy ma						Rate
COUN																R.
NAIROBI,CITY.COUNTY.ASSEMBLY																Amt (Kshs.)

	- -	2		B	>			t to
PROVISIONAL TOTAL CARRIED SUMS TO GRAND SUMMARY			C Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	Allow a Provisional Sum of Kenya Shillings Fifty Thousands (Kshs 50,000/=) only for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation)	Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration	<u>PROVISIONAL SUMS</u>	BILL NO. 2	
			50,000.00	50,000.00	50,000.00		Amt (Kshs.)	

dandora.4.ward.

PC/1

NAIROBI.CITY.COUNTY.ASSEMBLY

SIG	SIC SIC					ω.	2.			GR	RE		
WITNESS – NAME ADDRESS DATE SIGNATURE	CONTRACTOR ADDRESS DATE SIGNATURE					BILL NO. 2 -	BILL NO. 1 -		M	<u>GRAND SUMMARY</u>	NOVATIONS O	PROPOSED RENO NAIROBI CITY CC	Рс).
		GRAND TOTAL CARRIED				PRIME COST AND PROVISIONAL SUMS	BUILDER'S WORK	PRELIMINARIES	PARTICULARS	K	RENOVATIONS OF EXISTING OFFICES	proposed renovations of existing ward offices Nairobi city county assembly - dandora 4 ward	
		IED TO FORM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	PC/1	CA/5	PP/10	PAGE NO			<u>OFFICES FOR THE</u> <u>4 WARD</u>	
												Amt (Kshs.)	

dandora.4.ward.

CS/1

NAIROBI.CITY.COUNTY.ASSEMBLY.

PROPOSED RENOVATION OF ZIWANI/KARIOKOR WARD **BILL OF QUANTITIES** OFFICES FOR

 \mathbf{T}

T.

				· .	\bigcirc						
 				×	-	2	·	-	NO	ITEM	
1/dd	To Collection	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm and shall apply equally to any other combination of figures expressed in a similar fashion. "m.s" shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean square metre "m3" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S" shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	Definition of Terms and Abbreviations	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works	SUFFICIENCY OF TENDER	GENERAL AND PARTICULAR PRELIMINARIES	DESCRIPTION	
					•					KSHS.	

Des

			ŢTJ	D	C	В	A	ITEM
pp/ 2	To Collection	contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	<u>Performance Bond</u> The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the	Protection of Existing Property The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	<u>Protection of existing services</u> . The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Author ties concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	DESCRIPTION
				le	le or		ζ υ –	KSHS.

(-1) (-

	P	c IF	h	T st ne	un station (b) Si		ITEM D
(Provision of lighting and power for nominated sub-contractors is included in the items of attendance. To Collection PP/3	<u>Temporary Lighting and Power</u> Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith.	<u>Water for the Works</u> Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub- contractors in included in the items of attendance).	<u>Protection of the Works</u> The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	<u>Security of the Works</u> The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
,		× ,					KSHS.

			×						
	C	0		ч			В	A	ITEM NO
To Collection PP/4	<u>GROUP</u> The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens the contractor shall ensure that not more than two thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns with the engineer indicating the name of employee, their designation, age, gender, and whether they are living with disability or not. The returns should reach the office of the engineer not later thar 7 th day of every month.	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name be size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sur, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
	nable ience an two shall persons returns r	board	the	ineer's 1en no	gaged ncil, n no	for lare a or the	liable	on the pay all	
					-				KSHS.

\$7 10

				τ. Γ	t	IJ	ţ	5	C.	B.	r.	Α.	ITEM NO
PP/5	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalfolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
-		out		e of or	*	ssary port		n, al		Q	ie on rrying printec		
													KSHS.

e t

	-										
	(*								×		ITEM NO
PP/6	To Collection	All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Buildirg Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
-				t)					÷		KSHS.

r v¹ 2 - c

				e .			÷		\bigcirc			-
			-		•			÷				ITEM NO
PP/7	To Collection		Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site which ber centum shall be added.	i) Labour: The prime cost of labour to which per centum shall be added.	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	<u>Day works</u>	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
		,	ngineer I the	nd Ishment			hall be		e items.	,, or , be and lking per	ntaining to show cover equired.	
		Q.		- - - -								KSHS.

								\bigcirc				r A	1
		 e.										ITEM NO	
Pl/8	To Collection	Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenya 1999 Edition and contractor shall purchase two copies for execution of contract once they are awarded the contract.	Conditions of Contract	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from.	Training Levy	The term "add for attendance" on direct contract work shall be deemed to include for all requirements contained in the same item for nominated sub-contract work previously described.	Direct contract work	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract as between the Employer and the nominated sub-contractor.	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	Nominated Sub-Contractors	DESCRIPTION	
		ished hall the		r, the 000/= here		ed to d sub-		shall be al and ore rovided	of the r be y	s to ating ated			а
												KSHS	

		Ţ	Ц		D	· 0	. œ	A	ITEM NO
<u>6/dd</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	NCA REGISTRATION The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED', PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	SALES TAX/VALUE ADDED TAX The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	<u>INSURANCE</u> The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
				erials tect.	ons of ces of ined. t	ed tax is n.	obtain e the	nd	
			2						KSHS.

. .

 \bigcirc

				Θ		
						ITEM
PP/10	GENERAL CONDITIONS AND PRELIMINARIES CARRIED TO GRAND SUMMARY	TOTAL FOR	Page No. PP/7 Page No. PP/8 Page No. PP/9	Page No. PP/4 Page No. PP/5 Page No. PP/6	Collection Page No. PP/1 Page No. PP/2 Page No. PP/3	DESCRIPTION
			5 		~	
		ж 				KSHS.

*

			н	ш		\bigcirc		D	0		Β	0	A					,	2
Carried to collections			Ditto ceiling surfaces ditto	Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	Painting and decorating	<u>WALL FINISHES</u>	100 x 10mm thick skirting with rounded top ditto	300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	Approved non slip coloured ceramic floor tiles from an approved stockist	30mm thick screed prepared to receive ceramic floor tiles (m/s)	Cement/Sand (1:3) in:	Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area- 18 square metres)	FLOOR FINISHES	NB:- M.C.A.'s OFFICES ONLY	FINISHES	BILL NO. 1 BUILDER'S WORK		PROPOSED RENOVATIONS OF EXISTING WIADD DEFICES
	.*.	-9	18	60		*		22	18		18								Qty
			sm	sm				lm	sm		sm		item			C.			Unit
5 - A - 1051 - 55140-7111	- the stars of the second	1.0116								a A		V	-	K-10					Rate
	T												-						10
																			Amt (Kshs.)

ziwani.kariokor.ward.

CA/1

NAIROBI.CITY.COUNTY.ASSEMBLY

	ш	\bigcirc		D		0	T)	B				>		1	6
Carried to collections	General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	20 x 20mm mild steel bars cut and welded together at 150mm centres both ways as directed including plugging into masonry or/ and concrete including the necessary framework all round	Burglar proofing	5mm thick clear sheet glass glazed with putty to metal in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing	WINDOWS	General metal grilles surfaces	"Crown" or other equal and approved plastic gloss paint to:	Prepare and apply one undercoat and two finishing coats of	Painting	, Standard steel grille door overall size 900 x 2400mm high comprising 50 x 50 x 3mm RHS plugged frame all round; infilled with 25 x 50mm RHS as directed; the door to include all necessary approved ironmongery and accessories	Security grille door	DOORS	<u>7</u> 7
	6		_	ω		-1			ഗ				_			Qty
	sm			sm		sm			sm				no			Unit
			e. L													Rate
														-		Amt (Kshs.)

ziwani.kariokor.ward.

CA/2

)		(1		ω	⊳	9 G	la.
ziwani.kariokor.ward.	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION				·		<u>Curtains/blinds</u> Supply and fix approved vertical screening curtains/blinds	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved	Metal work	
CA/3	0		-					Carried to collections		osing gears and roval (Provisional)	curtains/blinds	ngle curtain rail/rod el pipe for sheers; and sheer hooks to 1 basket end on "Iron Art" or other		
7						1	 -			4		ω		Qty
IAIROBI										sm		Ē		Unit
.CITY.COUN							-		5 - 22110		-		-	Rate
NAIROBI.CITY.COUNTY.ASSEMBLY														Amt (Kshs.)

-		\bigcirc	1944 1971		\bigcirc			0	Cire .
			\cap		ω	Þ			27
	<u>PROVISIONAL</u> <u>SUMS</u>		Provide a Provisional Sum for Contingencies		Allow a Provisional Sum of Kenya Shillings 50,000/=) for Electrical Installations (Re-w upgrading of existing electrical installation)	Allow a Sum of Fifty Thou: Administration	PROVISIONAL SUMS	BILL NO. 2	
	<u>TOTAL CARRIED</u> <u>TO GRAND SUMMARY</u>		Provide a Provisionai Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	×	Allow a Provisional Sum of Kenya Shillings Fifty Thousands only (Kshs 50,000/=) for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation)	Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration			
					-				
			50,000.00		50,000.00	50,000.00		Amt (Kshs.)	

([~]

Ľ,

ziwani.kariokor.ward.

PC/1

WITNESS – NAME ADDRESS DATE SIGNATURE.	CONTRACTOR. ADDRESS DATE SIGNATURE				3. BILL NO.	2. BILL NO. 1	1.	ITEM	GRAND SUMMARY	RENOVATIO	 PROPOSED NAIROBI CI	
	OR	GRAND TOTAL CARRIED		•	2	O. 1 - BUILDER'S WORK	PRELIMINARIES	PARTICULARS	MMARY	RENOVATIONS OF EXISTING OFFICES	proposed renovations of existing ward offices for the Nairobi City County Assembly - Ziwani/Kariokor ward	
		D TO FORM OF TENDER	16% V.A.T.	ADD:-	DCM	CA/3	PP/10	PAGE NO			ING WARD OFFICES FOR THE ZIWANI/KARIOKOR WARD	
											Amt (Kshs.)	

ziwani.kariokor.ward.

C.</1

אואוסרו רודע הרו ואודע אככבאוטיע

(

PROPOSED RENOVATION OF EASTLEIGH NORTH WARD **BILL OF QUANTITIES** OFFICES FOR

ales.

- 1 - 1

						\bigcirc			6	P	
			-		-	0		· .	_ 7	0	
 R		ж С			n.					Q	7
	PD/1	To Collection	"n.e" shall mean not exceeding "100-200",mm shall mean over 100mm and not exceeding 200mm an shall apply equally to any other combination of figures expressed in a similar fashion. "m.s" shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean linear metre "m3" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S" shall mean the current British Standard specification published the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works Definition of Terms and Abbreviations	GENERAL AND PARTICULAR PRELIMINARIES SUFFICIENCY OF TENDER	DESCRIPTION		
			ling 200mm and s expressed in a	otion except as ccurs in cription	ntion published by MW.1, England.	shall be interpreted	If before tendering the works and for rices shall cover all he things necessary				
									KSHS.		

	2				D		C	B		A	ITEM
PP/ 2	To Collection	In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed.	Performance Bond The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company	<u>Protection of Existing Property</u> The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	other services passing under, over or above the Site and ne shall make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	Protection of existing services. The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or	Area to be occupied by the Contractor. The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	Temporary Roads Etc The Contractor shall allow for building any temporary roads for the	DESCRIPTION
>		ng seven lents d. The the	of the the when ne day	name	any onsible	e made	exact pes, or	. ° for	such nstate eer.	· the	
											KSHS.

 \bigcirc

' des

H

ê, x

-	ŢŢ		D		C		t	ם		A	ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Temporary Lighting and Power	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub-contractors in included in the items of attendance).	Water for the Works	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
	red	300	vices, .ges		e at		rks, 3 and 5 s		sons ry red cess		
						nije:	,				KSHS.

25

-

2 1

				D	C	e.		-		В	>	ITEM NO
PP/4	To Collection	designation, age, gender, and whether they are living with disability or not. The returns should reach the office of the engineer not later than 7 th day of every month.	The contractor is encouraged to the extent where practicle and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens the contractor shall ensure that not more than two thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns with the engineer indicating the name of employee their	EMPLOYMENT OF LOCAL PERSONNEL&THE MARGINALIZED	Notice Boards The Contractor is to erect on possession of the Site a painted name board size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon the Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
	1	n 7 th day	nan two shall r persons r returns	ZED	board	1 the	gineer's /hen no	ngaged uncil, len no	n, for puare e a for the	sliable	pon the l pay all	
	ň											KSHS.

17

8 D13

.

				, Т.	t	IJ	ŗ	J	C.	B.		Α.	ITEM NO
PP/5	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
				1							~		KSHS.

0.

5

1.

P

	И	r								i.		NO NO
PP/6	To Collection		All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
			. r d or	on				and he ar d		on th.		
							12					KSHS.

 \bigcirc

		pp/7	
	-		
		To Collection	
	-		
×			
	ngineer the	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	
	nd shment	These percentage additions shall cover all insurances, use of tools and plant; sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	
	3	Materials: The prime cost of materials delivered to site whichper centum shall be added.	
		 Labour: The prime cost of labour to which per centum shall be added. 	
	nall be	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	2
-		Day works	
	s th P.C. items.	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	~
	, or , be and king per	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	
	taining o show over quired.	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	*
KSHS.	ž	DESCRIPTION	ITEM NO

C

2' 's 3)

.

. (

F?

		<mark>لتہ</mark>			D	· 0	ω.	А	ITEM NO
<u>6/dd</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	<u>SALES TAX/VALUE ADDED TAX</u> The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	INSURANCE The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
				ials ect.	is of s of ied.	tax	he		
									KSHS.

, , , 。 於

				e.												ITEM NO	
	PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	TOTAL FOR	× 	Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/2	Page No. PP/1	Collection	DESCRIPTION	
	•		MINARIES				-										
	đ	Α."			÷						-		~				
	,															KSHS.	

Ć.

Ep

. An

-

		F			
				Carried to collections	-
5		no		4 45 x 900 x 2100mm high solid core flush door faced both sides with 3mm thick interior quality cypress veneered plywood and hardwood lipped all edges	I
				Flush doors	
		lm		Ditto transome with four labours	5
	electro and	m	6	² 150 x 50mm frame with four labours plugged	Т
		m	UI	40 x 15mm glazing bead with one labour	-
		m	6	38 x 15mm architrave with two labour	D
	-5-14-15-14-	lm	6	15mm quadrant beading with one labour	\cap
			8	Wrot prime grade mahogany in door frames and finishings	
				DOORS	
		sm	20	General surfaces of timber	B
				Knot, prime, stop and apply three coats of "Ronseal" clear. Wood Vanish as "Crown" or other equal and approved on:	
		sm	10	spaced approximately 1200mm centres; vertically divided into two parts comprising 550mm high top panel infilled with louvred glass complete with levers and louvre carriers; 2150mm high bottom panel faced infilled with 25mm thick blockboard faced both sides with 3mm thick mahogany veneers (all as per detailed architect's design)	
				75mm thick x 2400mm high blockboard partitions comprising of 75 x 75mm wrot mahogany framework and beadings	Þ
				Timber Partitions	
				PARTITIONS AND SCREENS	
				BILL NO. 1 BUILDER'S WORK	
		~		PROPOSED RENOVATIONS OF EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY - EASTLEIGH NORTH WARD	67
Amt (Kshs.)	Rate	Unit	Qty		r

eastleigh.north.ward.

CA/1

				Carried to collections	
		sm	28	J 30mm thick screed prepared to receive ceramic floor tiles (m/s)	
-				Cement/Sand (1:3) in:	
		item		1 Carefully hack existing worn floor tiles including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area- 28 square metres)	
•	11-17-16-16-54			FLOOR FINISHES	
				FINISHES	(
	, the second	ľm	7	HDitto exceeding 200mm but not exceeding 300mm girth	T
		lm	17	G Ditto not exceeding 100mm girth	
		sm	4	F General surfaces of wood	
				Knot, prime, stop and apply three coats of "Ronseal" clear Wood Vanish as "Crown" or other equal and approved on:	
	1 			Painting	
		no	Ν	E Delayed action non-reversible overhead door closer as "UNION" or other equal and approved	
		no	Ν	38mm diameter, 59mm deep rubber door stop including 32mm deep iron lug plugged to floor	\square
		no		C 3- lever mortice lock complete with aluminium lever furniture	
		prs	1.5	B 100mm pressed brass butt heavy duty hinges	
	n daar dha mbada ah shaka ah			Supply and fix the following ironmongery with matching screws as per "UNION" catalogue or other equal and approved	
				Ironmongery	
		sm		A 6mm thick clear glass and glazing with mahogany timber beads (m/s) to timber frame in panes exceeding 0.10 but not exceeding 0.50 square metres	
				Glazing	<u>ن</u> `
Amt (Kshs.)	Rate	Unit	Qty	25	2:
	<u>1975-19</u>				îr

eastleigh.north.ward.

CA/2

			. п				TY	7		D				\bigcirc				B	\triangleright	2	×
eastleigh.north.ward. CA/3	Carried to collections		General metal grilles surfaces	"Crown" or other equal and approved plastic gloss paint to:	Prepare and apply one undercoat and two finishing coats of	Painting	Standard steel grille door overall size 900 × 2400mm high comprising 50 × 50 × 3mm RHS plugged frame all round; infilled with 25 × 50mm RHS as directed; the door to include all necessary approved ironmongery and accessories	Security grille door	DOORS	Previously painted ceiling surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved emulsion paint on:	Painting and decorating	<u>CEILING FINISHES</u>	Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	100 x 10mm thick skirting with rounded top ditto	500 x 500 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	Approved non slip coloured ceramic floor tiles from an approved stockist	
			4				-			28				49				21	28		Qty
NAIRO			sm				no			sm				sm				lm	sm		Unit
NAIROBI.CITY.COUNTY.ASSEMBLY			- (.)		61			1					8 				ne të sonë së së së	iter a king ta da sta			Rate
UNTY.A		Υ.			40																
ASSEMBL														÷							Amt (K
× 1											. •										(Kshs.)
90 - C															7						

							\bigcirc	D		\cap	\square	Β				Þ		1 Ch	1
BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/3	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION	Carried to collections	accessories to window openings all to approval (Provisional)	Supply and fix approved vertical screening curtains/blinds complete with all necessary opening and closing gears and	<u>Curtains/blinds</u>	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved	Metal work	General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	or/ and concrete including the necessary framework all round	20 x 20mm mild steel bars cut and welded together at 150mm centres both ways as directed including plugging into masonry	Burglar proofing	WINDOWS	
				a.			Сī	н. -		ω		ω			4				Qty
			-				sm		x	lm		sm			sm				Unit
											instructure and the second of				07-17-0-0 Dawn				Rate
		-											•			,			Amt (Kshs.)

eastleigh.north.ward.

CA/4

			\bigcirc					(\bigcirc			C.L.	Ĩ.
WITNESS – NAME ADDRESS DATE SIGNATURE	CONTRACTOR. ADDRESS DATE SIGNATURE					3. BILL NO. 2	2. BILL NO. 1	1.	ITEM	<u>GRAND SUMMARY</u>	RENOVATIONS	PROPOSED REN NAIROBI CITY (
ME		GRAND TOTAL C				2 - PRIME COST AND PROVISIONAL SUMS	1 - BUILDER'S WORK	PRELIMINARIES	PARTICULARS	ARY	RENOVATIONS OF EXISTING OFFICES	proposed renovations of existing ward offices for the Nairobi City County Assembly - eastleigh north ward	
		TOTAL CARRIED TO FORM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	PC/1	CA/4	PP/10	PAGE NO			<u>RD OFFICES FOR THE</u> GH NORTH WARD	
												Amt (Kshs.)	

10

 \boldsymbol{E}

r

eastleigh.north.ward.

CS/1

PROPOSED RENOVATION OF NJIRU WARD OFFICES **BILL OF QUANTITIES** FOR

× 55 ×

		\bigcirc		Ċ		
	2				NO	
PP/1	To Collection	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm an shall apply equally to any other combination of figures expressed in a similar fashion. "m.s" shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean square metre "m3" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	'B.S" shall mean the current British Standard specification published the British standards institutions, 2 park Street, London W.1, England "Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works Definition of Terms and Abbreviations Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	<u>GENERAL AND PARTICULAR PRELIMINARIES</u> <u>SUFFICIENCY OF TENDER</u> The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for	DESCRIPTION
	· ·	and	d by nd.	ver all ssary oreted	lering	
						KSHS.

y the Authorities services. Any II be reported hority shall be made nse. shall be responsible nse. of tender the name nsurance Company e willing to be (5) percent of the ontract up to the nd who will, when he Contract ns) on the same day ender not being urnish within seven yer. No payments nd is provided. The nnection with the	as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	
y the Authorities services. Any Il be reported hority shall be made nse. shall be responsible rnse. of tender the name nsurance Company e willing to be (5) percent of the ontract up to the nd who will when he Contract ns) on the same day ender not being	as the Contract Agreement is signed In the event of the Surety named in the Form of te	
y the Authorities services. Any Il be reported hority shall be made nse. id damage to any shall be responsible shall be responsible nse. of tender the name nsurance Company we willing to be (5) percent of the ontract up to the and who will when	and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day	
y the Authorities services. Any Il be reported hority shall be made nse. id damage to any shall be responsible snse. of tender the name nsurance Company	or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when	
y the Authorities services. Any Il be reported hority shall be made nse. id damage to any shall be responsible nse.	<u>Performance Bond</u> The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company	ŢIJ
y the Authorities services. Any Il be reported hority shall be made nse.	<u>Protection of Existing Property</u> The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	D
	make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	
uthorities the exact bles, water pipes, or	Protection of existing services. The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other for above the Site and he shall	C
e Contractor for s, etc., shall be n the site Plan.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	В
orary roads for the xecution of the erts, crossing, shall remove such good and reinstate of the Engineer.	The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	
	Temporary Roads Etc	A
KSHS	DESCRIPTION	ITEM

r (S) di

10 m c 30

	ŢŢ		D		C		t	IJ		A	ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Temporary Lighting and Power	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated subcontractors in included in the items of attendance).	Water for the Works	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
			, ,				<u></u>				KSHS.

8

 \bigcirc

r cj A

1) 1 1)

9

					D	0					đ	A	ITEM NO
PP/4	To Collection	of every month.	thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns	<u>GROUP</u> The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens.the contractor shall ensure that not more than two	EMPLOYMENT OF LOCAL PERSONNEL&THE MARGINALIZED	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name board size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon the Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
		or n 7 th day	shall 1 persons r returns	onable rience han two	ZED	board	1 the	gineer's /hen no	ngaged uncil, 1en no	uare a or the	s liable	pon the pay all	
									-				KSHS.

()

 \square

				Ţ	t	п	U.	7	°.	ų	-	A.	ITEM NO
PP/S	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
		ut		r r		sary ort					ing	ч. П	
2			×			*	v						KSHS.

 \bigcirc

0, -t, V)

		a a		-	× =					1	-	ITEM NO
PP/6	To Collection		All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
			. er	d on				and the lar nd		the d on llth.		
												KSHS.

 \bigcirc

											ITEM NO
PP/7	To Collection	 Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site whichper centum shall be added.	i) Labour: The prime cost of labour to which per centum shall be added.	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	Day works	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
		Engineer d the	ishment			shall be		es ith P.C. e items.	, or , be and king per	taining to show over squired.	
											KSHS.

			ji
 ITEM NO	DESCRIPTION	. *	KSHS
	Nominated Sub-Contractors		
	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	ating ated	
	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract as between the Employer and the nominated sub-contractor.	of the or be vy	
	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	shall be ral and fore rovided	
	Direct contract work		
	The term "add for attendance" on direct contract work shall be deerned to include for all requirements contained in the same item for nominated sub-contract work previously described.	ned to ed sub-	
×	Training Levy		i.
	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from.	er, f the ,000/= there	
	Conditions of Contract		
	Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenya 1999 Edition and contractor shall purchase two copies for execution of contract once they are awarded the contract.	olished shall d the	
		×	
-	To Collection		
	FF/8		

.

 \bigcirc

.

<u>.</u>								<u>ه</u> . ه	A I I I	ITEM I
	PP/9	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	<u>SALES TAX/VALUE ADDED TAX</u> The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	<u>INSURANCE</u> The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
					5					KSHS.

 \bigcirc

. ,				j.	- - -											
		. n .				 							121			ITEM NO
		PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	TOTAL FOR	Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/2	Page No. PP/1	Collection	DESCRIPTION
				1		 					л Э					K
	,					N.				_						KSHS.

.

		I		5	П	Ē	D	\cap			В		A					n	1
njiru.ward.	Carried to collections	45 x 900 x 2100mm high solid core flush door faced both sides with 3mm thick interior quality cypress veneered plywood and hardwood lipped all edges	Flush doors	Ditto transome with four labours	150 x 50mm frame with four labours plugged	40 x 15mm glazing bead with one labour	38 x 15mm architrave with two labour	15mm quadrant beading with one labour	Wrot prime grade mahogany in door frames and finishings	DOORS	General surfaces of timber	Knot, prime, stop and apply three coats of "Ronseal" clear Wood Vanish as "Crown" or other equal and approved on:	of 75 x 75mm thick x 2400mm high blockboard partitions comprising spaced approximately 1200mm centres; vertically divided into two parts comprising 550mm high top panel infilled with louvred glass complete with levers and louvre carriers; 2150mm high bottom panel faced infilled with 25mm thick blockboard faced both sides with 3mm thick mahogany veneers (all as per detailed architect's design)		DADTITIONS AND SCREENS	BILL NO. 1 BUILDER'S WORK	<u>FOR THE NAIROBI CITY COUNTY ASSEMBLY - NJIRU</u> <u>WARD</u>	PROPOSED RENOVATIONS OF EXISTING WARD OFFICES	
		2		Ν	12	10	12	12			24		12					Qty	
NAIF	-	 no		lm	lm	lm	lm	lm			sm		sm		2			Unit	
NAIROBI.CITY		 																	
ITY.CO				a Dik ay yikin	an an the second second				nal mavao	- 7446-444	N W-1 23							Rate	
.COUNTY.ASSEMBLY		•										-		1				Amt (Kshs.)	

٦

à

		5		-			I	0	п			ш		\cap	в			Þ	iõ.	0
	Carried to collections			Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area- 90 square metres)	FLOOR FINISHES	FINISHES	Ditto exceeding 200mm but not exceeding 300mm girth	Ditto not exceeding 100mm girth	General surfaces of wood	Knot, prime, stop and apply three coats of "Ronseal" clear Wood Vanish as "Crown" or other equal and approved on:	Painting	Delayed action non-reversible overhead door closer as "UNION" or other equal and approved	38mm diameter, 59mm deep rubber door stop including 32mm deep iron lug plugged to floor	3- lever mortice lock complete with aluminium lever furniture	100mm pressed brass butt heavy duty hinges	Supply and fix the following ironmongery with matching screws as per "UNION" catalogue or other equal and approved	Ironmongery	6mm thick clear glass and glazing with mahogany timber beads (m/s) to timber frame in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing	
							14	34	8			4	4	Ν	ω	ž		2		Qty
				item			lm	lm	sm			no	no	no	prs	њ. т.		Sm		Unit
-	SMaryda Stalan e da		18 18 19 10								ter internet states			4						Rate
				-										i						
														1	2					Amt (Kshs.)

CA/2

		I				(-	п			Ξ	D	\bigcirc			\cap	Β		Þ	67	1
njiru.ward. CA/3	Carried to collections	General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	or/ and concrete including the necessary framework all round	centres both ways as directed including plugging into masonry	20 x 20mm mild steel bars cut and welded together at 150mm	panes exceeding 0.10 but not exceeding 0.50 square metres	5mm thick clear choot glace glazed with mutty to metal in	Glazing	<u>WINDOWS</u>	Ditto ceiling surfaces ditto	Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	100 x 10mm thick skirting with rounded top ditto	$300 \times 300 \times 10$ mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	Approved non slip coloured ceramic floor tiles from an approved stockist	30mm thick screed prepared to receive ceramic floor tiles (m/s)	Cement/Sand (1:3) in:	
		34			17			-				90	115				45	90		90		Qty
NAIRO	,	sm		ĸ	sm			sm				sm	sm		_		lm	sm		sm		Unit
BI.CITY.CC												-					000111		street all all street			Rate
TNUC			-					2												·		
NAIROBI.CITY.COUNTY.ASSEMBLY																						Amt (Kshs.)

					C	7					σ	> `	G ^L , b
njiru.ward. CA/4	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/3	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION				Carried to collections	Supply and fix approved vertical screening curtains/blinds complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional)	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved <u>Curtains/blinds</u>	Metal work
×								- 		ctions	d nal)	/rod rs; s to her	
_		2									21	Q	Qty
VAIRO							5		_		Sm	Ξ	Unit
NAIROBI.CITY			1412 - 114 (11)				7-14						Rate
COUN										11			0
COUNTY ASSEMBLY					×							4 x	Amt (Kshs.)

1		\bigcirc	0	Β	>		:	
<u>PROVISIONAL</u> <u>TOTAL CARRIED</u> <u>SUMS</u> <u>TO GRAND SUMMARY</u>			Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	Allow a Provisional Sum of Kenya Shillings Fifty Thousands (Kshs 50,000/=) only for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation)	Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration	PROVISIONAL SUMS	BILL NO. 2	
		and the second se		-				
	ж		50,000.00	50,000.00	50,000.00		Amt (Kshs.)	

njiru.ward.

PC/1

 WITNESS – NAME ADDRESS DATE SIGNATURE	CONTRACTOR. ADDRESS DATE SIGNATURE					3. BILL NO. 2	2. BILL NO. 1		ITEM	GRAND SUMMARY	RENOVATION	NAIROBI CIT	co ^r Z.	62.08 2
	Ŗ	GRAND TOTAL CARRIED				0, 2 - PRIME COST AND PROVISIONAL SUMS	1 - BUILDER'S WORK	PRELIMINARIES	PARTICULARS	MARY	RENOVATIONS OF EXISTING OFFICES	<u>PROPOSED RENOVATIONS OF EXISTING WARD OFFICES</u> <u>NAIROBI CITY COUNTY ASSEMBLY - NJIRU WARD</u>		
		RIED TO FORM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	PC/1	CA/4	PP/10	PAGE NO			ARD		
													Amt (Kshs.)	-

njiru.ward.

CS/1

NAIROBI.CITY.COUNTY.ASSEMBLY.

PROPOSED RENOVATION OF DANDORA I WARD OFFICES **BILL OF QUANTITIES** FOR

a a a

				\bigcirc	a a		e	R P C	r.) - 4
						ZC	ITEM	6	
To Collection PP/1	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm an shall apply equally to any other combination of figures expressed ir a similar fashion. "m.s " shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean linear metre "m3" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S'' shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works	GENERAL AND PARTICULAR PRELIMINARIES SUFFICIENCY OF TENDER	DESCRIPTION		
	and		by	sted	or ary		K	-	
							KSHS.		

	Ţ	D	C	В	>	ITEM
To Collection PP/ 2	Performance Bond The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	Protection of Existing Property The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	Protection of existing services. The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	DESCRIPTION
		~				KSHS.

 \bigcirc .

 $\langle C \rangle$

Р. 2-3- -

	μ		D.		С		u			A	ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Temporary Lighting and Power	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub-contractors in included in the items of attendance).	Water for the Works	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
	n.		rvices, arges		je at		orks, s and as		ry ry ted ccess		
	,			-							KSHS.

źĩ

		\bigcirc				\bigcirc			
		0 0	-				B	A	ITEM NO
To Collection	<u>GROUP</u> The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens the contractor shall ensure that not more than two thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns with the engineer indicating the name of employee, their designation, age, gender, and whether they are living with disability or not. The returns should reach the office of the engineer not later than 7 th day of every month.	Notice Boards The Contractor is to erect on possession of the Site a painted name boa size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
×	an two shall persons returns 7 th day	board	the	ineer's hen no	gaged ıncil, en no	, for uare a or the	sliable	oon the pay all	
									KSHS.

.

2 %; t)

Г					Ъ	U.			٦	C.	B.		A.	ZE
×							- 4			• 1	,		•	ITEM NO
	PP/S	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
		C	all		le of y or		sessary sport		in,		le	ne on nrrying printed		
				-	-						,			KSHS.

 \bigcirc

												NO
•	. PP/6	To Collection	 All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
	*			r	,							NOID.

•						đ				*	ITEM. NO
PP/7	To Collection	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site which ber centum shall be added.	i) Labour: The prime cost of labour to which per centum shall be added.	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	Day works	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
								· · · · ·	a		KSHS.

 \bigcirc

 \bigcirc

				,							•		ITEM NO	
b/dd	To Collection		Conditions of Contract applicable to this contract shall be these publ by the Joint Buildings Council, Kenya 1999 Edition and contractor s purchase two copies for execution of contract once they are awardec contract.	Conditions of Contract	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from.	Training Levy	The term "add for attendance" on direct contract work shall be deen include for all requirements contained in the same item for nominate contract work previously described.	Direct contract work	The term "add for attendance" on nominated sub-contractors works shal deemed to include for all requirements contained in clauses on general <i>z</i> special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provible by the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created ary privity of contract as between the Employer and the nominated sub-contractor.	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	Nominated Sub-Contractors	DESCRIPTION	
			lished shall d the		er, f the ,000/= there		ned to ed sub-	lande-tr, "Discourse	shall be ral and fore provided	of the or be ny	ns to ating ated			
				9							-		KSHS	

Г					\bigcirc		· 0	. B	>	
						3				ITEM NO
	<u>9/44</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	NCA REGISTRATION The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	SALES TAX/VALUE ADDED TAX The contractor's attention is drawn to the sales tax and the value added acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to ol samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	INSURANCE The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
		÷		he	aterials hitect.	iions of rices of tained. nit	ded tax his om.	o obtain se th the	and s of	
								*		KSHS.

, 0, , 0 , 2 , 2

.

		CARRIE	GENERA	. TOTAL FOR		Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/ 2	Page No. PP/1	<u>Co</u>	ITEM DESCRIPTION NO	
	PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	OR		PP/9	PP/8	PP/7	PP/6	PP/5	PP/4	PP/3	PP/2	PP/1	Collection	TION	
	0		LIMINARIES							ţ							
					n, 14 14												
÷				ž						5						KSHS.	

· · · · · ·

 \bigcirc

- Q2 - 1

				ш			\bigcirc	D	\cap		Β							1	1. 0
Carried to collection				Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equa and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	100 x 10mm thick skirting with rounded top ditto	$300 \times 300 \times 10$ mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	<u>Approved non slip coloured ceramic floor tiles from an approved stockist</u>	30mm thick screed prepared to receive ceramic floor tiles (m/s)	Cement/Sand (1:3) in:	Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area- 75 square metres)	FLOOR FINISHES	NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY	FINISHES	BILL NO. 1 BUILDER'S WORK	FOR THE NAIROBI CITY COUNTY ASSEMBLY - DANDORA 1 WARD	PROPOSED RENOVATIONS OF EXISTING WARD OFFICES
				96				60	75		75							÷	Qty
				sm	-			lm	sm		sm		item						Unit
			1														-		Rate
														-11		1			
						. 8												-	Åmt (Kshs.)
	Carried to collections	Carried to collections	Carried to collections	Carried to collections	Previously painted wall surfaces measured overall over all 96 doors and windows surfaces; internally 96 Carried to collections	<u>Thoroughly scrub down previously painted surfaces of all</u> <u>dust, prepare and apply three coats of "Crown" or other equal</u> <u>and approved gloss oil paint on:</u> Previously painted wall surfaces measured overall over all doors and windows surfaces; internally Garried to collections	Painting and decorating Thoroughly scrub down previously painted surfaces of all. dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96 Carried to collections	WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all. dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96 Carried to collections	100 x 10mm thick skirting with rounded top ditto 60 WALL FINISHES Painting and decorating Painting and decorating 100 x 10mm thick skirting with rounded top ditto Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces; internally Carried to collections	 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 100 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting with rounded top ditto 200 x 10mm thick skirting top ditto 200 x 10mm top ditto 200 x 10mm	Approved non slip coloured ceramic floor tiles from an approved sockist 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 60 100 x 10mm thick skirting with rounded top ditto 60 WALL FINISHES 60 Painting and decorating 60 Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: 60 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 75 Approved stockist 75 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 75 100 x 10mm thick skirting with rounded top ditto 60 WALL FINISHES 60 Painting and decorating 60 Intoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: 60 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	Cement/Sand (1:3) in: 30mm thick screed prepared to receive ceramic floor tiles from an approved non slip coloured ceramic floor tiles from an approved stockist 75 Approved non slip coloured ceramic floor tiles from an approved stockist 75 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 75 100 x 10mm thick skirting with rounded top ditto 75 WALL FINISHES 60 Painting and decorating 60 Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: 60 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area-75 square metres) in: Somm thick screed prepared to receive ceramic floor tiles from an approved stockist 75 Approved non slip coloured ceramic floor tiles from an approved stockist 75 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 75 100 x 10mm thick skirting with rounded top ditto 60 WALL FINISHES 60 Painting and decorating 60 Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: 60 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	ELOOR FINISHES Carefully hack existing worn floor screed including skirting: prepare the floor to receive new floor finish internally and area-75 square metres) Cement/Sand (1:3) in: 30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 300 × 300 × 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 100 × 10mm thick skirting with rounded top ditto VMALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY FLOOR FINISHES Carefully hack existing worn floor screed including skirting: prepare the floor to receive new floor finith internally and externally, load and cart away arising debris (Approximately area. 75 square metres) 20mm thick screed prepared to receive ceramic floor tiles from an approved stockist 30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s) 100 x 10mm thick skirting with rounded top ditto WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces: internally 96 Carried to collections	FINISHES NB:: M.C.A.'s OFFICES AND CORRIDOR ONLY FLOOR FINISHES Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and extremally, load and cart away arising debris (Approximately area. 75 square metres) Cement/Sand (1:3) In: 30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 300 x 300 x 10mm thick floor tiles fixed with an approved stockist 300 x 10mm thick skirting with rounded top ditto WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on: Previously painted wall surfaces measured overall over all doors and windows surfaces: internally 96	BILL NO. 1 BUILDER'S WORK FINISHES NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY FLOOR FINISHES Carefully hack existing worn floor screed including skirting: prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area-75 square metres) Cement/Sand (1:3) in: 30mm thick screed prepared to receive ceramic floor tiles (m/s) 300 x 300 x 10mm thick floor tiles fixed with an approved athesive on prepared screed (m/s) 100 x 10mm thick skirting with rounded top ditto WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crowm" or other equal and approved gloss oil paint on: Previously painted wall surfaces; internally 96 Previously painted wall surfaces measured overall over all doors and windows surfaces; internally 96	FOR THE NAROBI CITY COUNTY ASSEMBLY - DANDORA 1WARD BILL NO. 1 BUILDER'S WORK FINISHES NB:- M.C.A.'S OFFICES AND CORRIDOR ONLY Ecorefully hack existing worn floor screed including skirting: prepare the floor to receive new floor finis internally and externally, load and cart away arising debris (Approximately area-75 square metres) Cement/Sand (1:3) In: 30mm thick screed prepared to receive ceramic floor tiles from an approved stockist 300 x 300 x 10mm thick floor tiles from an approved stockist 300 x 300 x 10mm thick floor tiles from an approved athesive on prepared screed (m/s) 100 x 10mm thick skirting with rounded top ditto WALL FINISHES Painting and decorating Thoroughly scrub down previously painted surfaces of all adhesive on prepare and apply three casts of "Crown" or other equal and approved glos oil paint on: Previously painted wall surfaces internally 96 Ox and windows surfaces: internally 96 96 97 96 96 96 96 96 96 96 96 96 96 96

1			<u>ب</u>			-	I		00		п		т	D	\bigcap	\cap	B		⊳		ĩ	C ,	,
dandora.1.ward. CA/2	Carried to collections		5mm thick clear sheet glass glazed with putty to metal in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing	<u>WINDOWS</u>	Timber surface 100 - 200mm girth	General surfaces of cellotex ceiling boards	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint on:	Prime back of frame before fixing not exceeding 100mm girth	Painting and decorating	100 x 25mm moulded cornice with six labours	Wrot celcured cypress in:	Extra over cellotex ceiling in 600 x 600mm access door including the necessary framework and hinges	13mm thick cellotex ceiling boards internally fixed with symmetrical V-jointed patterns to existing timber brandering	<u>Ceiling boards</u>	100 x 50mm plugged ditto	50 x 50mm brandering (provisional)	Sawn celcured second grade cypress:-	Carefully remove existing worn-out celotex ceiling including rotten brandering; load and cart away arising debris (Approximately area- 75 square metres)	Demolitions (Provisional)	NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY	CEILING FINISHES	
÷			- 			40	75		08		40		2	75		40	75						Qty
NAIRC			sm			lm	sm		lm		lm		no	sm		lm	lm		item	-			Unit
)BI.CIT).	с.			÷												2		2				Rate
.cou			n na staniczni skratki M						alatırı — il amiatsayırın										en to automa desarro	1999		1.1. (m.)	
NAIROBI.CITY.COUNTY.ASSEMBLY									×.	и З													Ar
EMBLY																			ж •				Amt (Kshs.)
						51			~			5			-							-	15.)

Π						\bigcap	200 Dec	D	0		В				Þ).2>	G
	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION	Carried to collections	complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional)	<u>Curtains/blinds</u> Supply and fix approved vertical screening curtains/blinds	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved	Metal work	General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	or/ and concrete including the necessary framework all round	20 x 20mm mild steel bars cut and welded together at 150mm	Burglar proofing	
							7		S		14			7		-	Qty
							sm		Ē		sm			sm			Unit
					en e								to characterist		i di satu		Rate
											e	(2) 					
				r.													Amt (Kshs.)

dandora.1.ward.

CA/3

NAIROBI.CITY.COUNTY.ASSEMBLY

			$\overline{\bigcirc}$			ь Болого Б
<u>TOTAL CARRIED</u> <u>SUMS</u> <u>TO GRAND SUMMARY</u>		C Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	 B Allow a Provisional Sum of Kenya Shillings Fifty Thousands (Kshs 50,000/=) only for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation) 	 A Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration 	PROVISIONAL SUMS	BILL NO. 2
		50,000.00	50,000.00	50,000.00		Amt (Kshs.)

0 x *

dandora.1.ward.

PC/1

dand	WITNESS – NAME ADDRESS DATE SIGNATURE.	CONTRACTOR. ADDRESS DATE SIGNATURE		\bigcirc			3. BIL	2. BIL	1.	ITEM	GRAND S	RENOVA	ч.,	ь с ₇ е
dandora.1.ward.	S – S	ACTORS	GRAND TOTAL				BILL NO. 2 - PRIME COST AND PROVISIONAL SUMS	BILL NO. 1 - BUILDER'S WORK	PRELIMINARIES	PARTICULARS	GRAND SUMMARY	RENOVATIONS OF EXISTING OFFICES	PROPOSED RENOVATIONS OF EXISTING WARD NAIROBI CITY COUNTY ASSEMBLY - DANDORA	
CS/1			CARRIED TO FORM OF				PC/1	CA/3	PP/10	PAGE NO			<u>ING WARD OFFICES FOR THE</u> DANDORA 1 WARD	
NAIROBI.CITY.C			OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL				0		1	 市	
.COUNTY.ASSEMBLY.									-				Amt (Kshs.)	

dandora.1.ward.

200 income

DANDORA IV WARD OFFICES PROPOSED RENOVATION OF **BILL OF QUANTITIES** FOR

()

.ź

-			G-)				Ċ)				(r - 2
											NO	ITEM	で	2
	PP/1	To Collection	"m.s " shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean square metre "m3" shall mean cubic metre "kgs" shall mean square hollow section "No" shall mean number	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm and shall apply equally to any other combination of figures expressed in a similar fashion.	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S" shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	Definition of Terms and Abbreviations	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover al his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works	SUFFICIENCY OF TENDER	GENERAL AND PARTICULAR PRELIMINARIES	DESCRIPTION		
	×			nd		d.	reted		ering for for all ssary					
				~	÷ .			ŭ	×			KSHS.	: *	

Cart

19

Ś

		ŢŢ)	D	C	Β	A	ITEM
PP/ 2	To Collection	<u>Performance Bond</u> The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the	<u>Protection of Existing Property</u> The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	<u>Protection of existing services</u> . The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engireer.	DESCRIPTION
		name npany se of the the when when seven seven ents d. The d. The	any onsible	exact pes, or l lies iles made	. e for	r the e such nstate eer.	
							KSHS.

 $C^{(-)}$

2 m .

		To Collection PP/3	
	ired	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Π
		Temporary Lighting and Power	ς. γ
	rvices, rges	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub-contractors in included in the items of attendance).	D
		Water for the Works	
	e at	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	C
	z	Protection of the Works	
-	orks, 's and as	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	
	÷	Security of the Works	Ψ
	rsons ary cted ccess	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	
		Protection of Public and Private Roads etc	A
KSHS.		DECRIPTION	ITEM NO

É

2) - 2) - 2)

x

÷ .

	8		× .	D	C			~	K.	B	A	ITEM NO
PP/4	To Collection	of every month.	The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens.the contractor shall ensure that not more than two thirds of the personel are from the same gender.Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities.The contractor shall be filing monthly labour returns	EMPLOYMENT OF LOCAL PERSONNEL&THE MARGINALIZED	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name board size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon the Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
		or 1 7 th day	nan two shall persons r returns	ZED	board	1 the	gineer's vhen no	ngaged uncil, 1en no	n, for quare e a for the	ls liable	upon the ll pay all	
			4 . 1					,		a.		KSHS.

Ð

Z

P

;

	-		
		PP/5	
		To Collection	2 17
	out	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	
T		Visitors to Site	
,	e of or	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Ъ Т
		Working Hours	t
	essary sport	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	IJ
		Labour, Material etc	
	n, al	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	7
		General Scaffolding	C.
	ē	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	ש. ני
	ne on rrying vrinted	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	
,		Advertisements	A.
KSHS.		DESCRIPTION	ITEM NO

 \mathcal{A}

ï

e, ÷

	e *											ITEM NO
PP/6	To Collection		All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
				\$0 .								KSHS.

 $\subset \sim$

n S

.

		<u>O</u>					.(
2	• • •		,					ж . ж		ITEM NO
To Collection	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site whichper centum shall be added.	i) Labour: The prime cost of labour to which	Day work ordered under clause 11(4) of the conditions of contract shall b executed at the following rates: -	Day works	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders cortaining lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
	ineer 1e	ment		i	l be		P.C. ems.	ño Lo .	ning how er ired.	
				¢.						KSHS.

 \mathcal{O}

, v

To Collection	Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenya 1999 Edition and contractor shall purchase two copies for execution of contract once they are awarded the contract.	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from. Conditions of Contract	The term "add for attendance" on direct contract work shall be deemed to include for all requirements contained in the same item for nominated sub-contract work previously described. <u>Training Levy</u>	Direct contract work	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract as between the Employer and the nominated sub-contractor.	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	Nominated Sub-Contractors	DESCRIPTION
	shed nall the	;; he 00/= ere	d to I sub-		nall be Il and re ovided	f the be	ing ed		

 $\mathcal{C}^{\mathcal{O}}$

				Γ	
			<u>6/dd</u>	,	
			To Collection		
·			<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	T.	
		he	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of contract with National Construction Authority.	۲IJ.	(
		aterials hitect.	The contractor shall be paid on monthly basis for work done and m on site upon issue of a certificate by the Quantity Surveyor and Arc	x	
		itions of prices of prtained. unit	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the condicontract shall be deleted. No claim (s) with respect to increase in p Building materials, labour costs, or local currency etc shall be ente The Contractor is deemed to have included the above items in his u rates.	D	
		ided tax I his rom.	SALES TAX/VALUE ADDED TAX The contractor's attention is drawn to the sales tax and the value ac acts on most recent and any subsequent amendments thereafter and tender is deemed to include for all costs arising or resulting there fi	· 0	
		o obtain ese th the	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtai samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	. α	
		and s of	<u>INSURANCE</u> The contractor shall allow for insurance against, among other risks personal injury; loss of or damage to the works materials and plant loss of and damage to the property as per clause 15 of the condition contract.	A	
	KSHS.		DECRIPTION	ITEM NO	
	а 11. – С.			×	

2

· · · · ·

ź

COUNTY.ASSEMBLY		NAIROBI.CITY	NAI		dandora.4.ward.	l
					Carried to collections	
	trees at a star tand with					
		0	no	4	Make 75mm diameter hole in gutter	I
		0	no	4	Extra over gutters for stopped ends	c
,		0	no	4	Extra over ditto for 75mm diameter down pipe outlet	TI
		ر	Ē	24	28 gauge 125 x 100mm U-shaped pre-painted gutter tixed to steel roof structure (m/s) with and including approved brackets	m
r T				· .	Rain water goods	
			lm	6	Ridge cap fixed to match laid with 150mm end laps	D
			sm	65	Sheet covering to pitched roof	0
					<u>Gauge 28 pre-painted IT4 profile sheets fixed to purlins (m/s)</u> <u>with and including weathered rust proof screw bolts 75mm</u> <u>long with plastic cap laid with 300mm side and 150mm end</u> <u>laps as supplied by "Mabati Rolling Mills" or other equal and</u> <u>approved and fixing to timber purlins</u>	
					Roof covering	
			Ī	65	<u>Sawn celcured second grade cypress:-</u> 75 × 50mm purlins (provisional)	B
		<u> </u>	item	×	Carefully remove existing worn-out roofing sheets including ridge and hip caps, rotten fascia/barge boards and gutters, brandering; load and cart away arising debris (Approximately area- 65 square metres)	>
					Demolitions (Provisional)	
					<u>RE-ROOFING</u>	
		-	'n		BILL NO. 1 BUILDER'S WORK	
Amt (Kshs.)	Rate		Unit	Qty	PROPOSED RENOVATIONS OF EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY - DANDORA 4 WARD	
	_	1			*	o2

			I				<u>م</u>	т		т		0				\cap	B	Þ		0
dandora.4.ward.	Carried to collections		Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	100 x 10mm thick skirting with rounded top ditto	$300 \times 300 \times 10$ mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	Approved non slip coloured ceramic floor tiles from an approved stockist	30mm thick screed prepared to receive ceramic floor tiles (m/s)	Cement/Sand (1:3) in:	Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area- 25 square metres)	FLOOR FINISHES	NB:- M.C.A.'s OFFICES ONLY	FINISHES	Ditto horse shoe	Extra over ditto for swan neck	75mm diameter down pipe fixed to wall with and including approved holderbats	26 gauage pre-painted mild steel sheet in:	
	llections		all	<u>all</u> er equal				oved	دا	lles		ting; and nately						uding		
			50				20	25		25						4	4	12		Qty
NAIRC			sm				lm	sm		sm		item				no	no	lm		Unit
NAIROBI.CITY.COUNTY.ASSEMBLY				2																
Y.COL																				Rate
NTY.A						4:					41	. °								
ASSEMB																				Amt (
ЗLY							a . *													Amt (Kshs.)
		F				*					,									

dandora.4.ward.				I Timber surface 100 - 200mm girth	H General surfaces of cellotex ceiling bc	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint on:	G Prime back of frame before fixing not exceeding 100mm girth	Painting and decorating	F 100 x 25mm moulded cornice with six labours	Wrot celcured cypress in:	E Extra over cellotex ceiling in 600 x 600mm access door including the necessary framework and hinges	D 13mm thick cellotex ceiling boards internally fixed with symmetrical V-jointed patterns to existing timber brandering	Ceiling boards	C 100 x 50mm plugged ditto	B 50 x 50mm brandering (provisional)	Sawn celcured second grade cypress:-	A Carefully remove existing worn-out celotex ceiling including rotten brandering; load and cart, away arising debris (Approximately area- 25 square metres)	Demolitions (Provisional)	NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY	CEILING FINISHES	£.
CA/3	Carried to collections	X		30	boards 25	d two finishing coats of	t exceeding 100mm girth 55	-	ix labours 30		00mm access door 1 hinges	ternally fixed with sting timber brandering 25		20	25		elotex ceiling including y arising debris es)	-	DOR ONLY		KIY
NAII				lm	sm	-	lm		lm		no	sm		lm	lm		item		ж)		Unit
NAIROBI.CITY.C				_	_												-				t Kate
					1		,														+
OUNTY.ASSEMBLY					y.							_			,					v	Amt (Ksns.)

ſ					ш	6	\rightarrow			D		\cap		6	B				\triangleright			e e
dandora.4.ward.	Carried to collections				General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	or/ and concrete including the necessary framework all round	centres both ways as directed including plugging into masonry	20 x 20mm mild steel bars cut and welded together at 150mm	Burglar proofing	5mm thick clear sheet glass glazed with putty to metal in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing		General metal grilles surfaces	"Crown" or other equal and approved plastic gloss paint to:	Prepare and apply one undercoat and two finishing coats of	Painting	Standard steel grille door overall size 900 x 2400mm high comprising 50 x 50 x 3mm RHS plugged frame all round; infilled with 25 x 50mm RHS as directed; the door to include all necessary approved ironmongery and accessories	Security grille door	DOORS	
					6			ω					10		ഗ				-			Qty
NAIR					 sm			sm				sm			sm				no	. *		Unit
		n Tantist Street (Tain - Matwin	Maran and a state					n Su Su Su Sul				1						nt oc drive dog				Rate
OUNT				*													,		-			+
NAIROBI.CITY.COUNTY.ASSEMBLY							·												ж. 1			Amt (Kshs.)
																	· ·			n		

Γ						0	ç.	 	,	C	Ì	B		Þ		
dandora.4.ward. CA/5	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/4	Brought forward from page CA/3	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION			Carried to collections	accessories to window openings all to approval (Provisional)	Supply and fix approved vertical screening curtains/blinds	<u>Curtains/blinds</u>	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved	<u>Metal work</u>	
			-							,	4			ω		Qty
NAIR				1				8			sm			Ē		Unit
OBI.CITY.		-			- 					wa zo zbino zy ma						Rate
COUN																R.
NAIROBI,CITY.COUNTY.ASSEMBLY																Amt (Kshs.)

	a a	ð		B)	►			¢ 7	E)a
<u>PROVISIONAL</u> <u>TOTAL CARRIED</u> <u>SUMS</u> <u>TO GRAND SUMMARY</u>			C Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	Allow a Provisional Sum of Kenya Shillings Fifty Thousands (Kshs 50,000/=) only for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation)		Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration		PROVISIONAL SUMS	BILL NO. 2	
				-)*			
			 50,000.00	50,000.00		50,000.00			Amt (Kshs.)	

dandora.4.ward.

PC/1

NAIROBI.CITY.COUNTY.ASSEMBLY

SIC SIC	SIC DA SIC					ω	2.			GR	RE			5 %
WITNESS – NAME ADDRESS DATE SIGNATURE	CONTRACTOR ADDRESS DATE SIGNATURE					BILL NO. 2 -	BILL NO. 1 -		M	<u>GRAND SUMMARY</u>	NOVATIONS O	IROBI CITY CC	PROPOSED RENO	н.
		GRAND TOTAL CARRIED				 PRIME COST AND PROVISIONAL SUMS 	BUILDER'S WORK	PRELIMINARIES	PARTICULARS		RENOVATIONS OF EXISTING OFFICES	NAIROBI CITY COUNTY ASSEMBLY - DANDORA 4 WARD	RENOVATIONS OF EXISTING WARD OFFICES	
		D TO FORM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	PC/1	CA/5	PP/10	PAGE NO				DEEICES FOR THE	
									-				Amt (Kshs.)	

dandora.4.ward.

CS/1

NAIROBI.CITY.COUNTY.ASSEMBLY.

PROPOSED RENOVATION OF ZIWANI/KARIOKOR WARD **BILL OF QUANTITIES** OFFICES FOR

 \mathbf{T}

T.

				· .	\bigcirc						
 				×	-	2	·	-	NO	ITEM	
1/dd	To Collection	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm and shall apply equally to any other combination of figures expressed in a similar fashion. "m.s" shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean square metre "m3" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S" shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	Definition of Terms and Abbreviations	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works	SUFFICIENCY OF TENDER	GENERAL AND PARTICULAR PRELIMINARIES	DESCRIPTION	
					•					KSHS.	

Des

			trj	D	C	в	A	ITEM
pp/ 2	To Collection	contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	<u>Performance Bond</u> The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the	Protection of Existing Property The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	<u>Protection of existing services</u> . The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Author ties concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	DESCRIPTION
				<u></u>	le or	- -	(y —	KSHS.

(-1) (-

200

	P	P st	h w T	ne sł		A	М
(Provision of lighting and power for nominated sub-contractors is included in the items of attendance. To Collection PP/3	<u>Temporary Lighting and Power</u> Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith.	<u>Water for the Works</u> Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub- contractors in included in the items of attendance).	<u>Protection of the Works</u> The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	<u>Security of the Works</u> The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
, , ,		· .					KSHS.

5

			*						
	c	0		ч			В	A	ITEM NO
To Collection PP/4	<u>GROUP</u> The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens the contractor shall ensure that not more than two thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns with the engineer indicating the name of employee, their designation, age, gender, and whether they are living with disability or not. The returns should reach the office of the engineer not later thar 7 th day of every month.	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name bo size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon 1 Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sur, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
	ience an two shall persons returns r	board	the	ineer's ien no	gaged ncil, n no	for lare a or the	liable	on the pay all	
					-		3		KSHS.

\$7 10

				Ţ	t	л Л	ţ	5	C.	B.		Α.	ITEM NO
PP/S	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
-		out		e of or	5	essary sport		, al		ĕ	ne on urrying printe		
											<u>C</u> 09		KSHS.

\$P \$

	-		· · · ·								
	24								×		ITEM NO
PP/6	To Collection	All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Buildirg Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
-				t)							KSHS.

r v¹ 2 - c

				Ê			÷		Θ			-
								÷		1		ITEM NO
PP/7	To Collection		Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site which ber centum shall be added.	i) Labour: The prime cost of labour to which per centum shall be added.	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	<u>Day works</u>	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
			ngineer l the	nd shment			hall be		e items.	, or , be and lking per	ntaining to show cover equired.	
		Q.		- - -								KSHS.

								\bigcirc					1
		 e.				÷						ITEM NO	
PP/8	To Collection	Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenya 1999 Edition and contractor shall purchase two copies for execution of contract once they are awarded the contract.	Conditions of Contract	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from.	Training Levy	The term "add for attendance" on direct contract work shall be deemed to include for all requirements contained in the same item for nominated sub-contract work previously described.	Direct contract work	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract as between the Employer and the nominated sub-contractor.	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	Nominated Sub-Contractors	DESCRIPTION	
		ished hall the		r, the 000/= here		ed to d sub-		shall be al and ore rovided	of the r be y	s to ating ated			e a
										с.		KSHS	

		Ţ	Ц		D	· 0		A	ITEM NO
<u>6/dd</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	NCA REGISTRATION The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED', PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	SALES TAX/VALUE ADDED TAX The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	<u>INSURANCE</u> The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
				erials tect.	ons of ces of ined. t	ed tax is n.	obtain e the	nd	
			2						KSHS.

 \bigcirc

				Θ		
						ITEM
PP/10	GENERAL CONDITIONS AND PRELIMINARIES CARRIED TO GRAND SUMMARY	TOTAL FOR	Page No. PP/7 Page No. PP/8 Page No. PP/9	Page No. PP/4 Page No. PP/5 Page No. PP/6	Collection Page No. PP/1 Page No. PP/2 Page No. PP/3	DESCRIPTION
			х. -		~	
		ж 				KSHS.

*

			т	ш		\bigcirc		D	0		B	0	A					i u	
Carried to collections			Ditto ceiling surfaces ditto	Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	Painting and decorating	<u>WALL FINISHES</u>	100 x 10mm thick skirting with rounded top ditto	300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	Approved non slip coloured ceramic floor tiles from an approved stockist	30mm thick screed prepared to receive ceramic floor tiles (m/s)	Cement/Sand (1:3) in:	Carefully hack existing worn floor screed including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area- 18 square metres)	FLOOR FINISHES	NB:- M.C.A.'s OFFICES ONLY	FINISHES	BILL NO. 1 BUILDER'S WORK	FOR THE NAIROBI CITY COUNTY ASSEMBLY - ZIWANI/KARIOKOR WARD	
	.*.	-9	18	60		*		22	18		18								Qty
			sm	sm				lm	sm		sm		item						Unit
	dia anna da mar	- 10916 - 1 - 11 - 12											-	8-15-16-17-1-1910					Rate
	T																		
		×	-				-												Amt (Kshs.)

ziwani.kariokor.ward.

CA/1

	ш	\bigcirc		D		0	T)	B				>		1	6
Carried to collections	General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	20 x 20mm mild steel bars cut and welded together at 150mm centres both ways as directed including plugging into masonry or/ and concrete including the necessary framework all round	Burglar proofing	5mm thick clear sheet glass glazed with putty to metal in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing	WINDOWS	General metal grilles surfaces	"Crown" or other equal and approved plastic gloss paint to:	Prepare and apply one undercoat and two finishing coats of	Painting	, Standard steel grille door overall size 900 x 2400mm high comprising 50 x 50 x 3mm RHS plugged frame all round; infilled with 25 x 50mm RHS as directed; the door to include all necessary approved ironmongery and accessories	Security grille door	DOORS	<u>7</u> 7
	6		_	ω		-1			ഗ				_			Qty
	sm			sm		sm			sm				no			Unit
			e. L													Rate
														-		Amt (Kshs.)

ziwani.kariokor.ward.

CA/2

)		(1		ω	⊳	9 G	la.
ziwani.kariokor.ward.	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION				·		<u>Curtains/blinds</u> Supply and fix approved vertical screening curtains/blinds	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved	Metal work	
CA/3	0		-					Carried to collections		osing gears and roval (Provisional)	curtains/blinds	ngle curtain rail/rod el pipe for sheers; and sheer hooks to 1 basket end on "Iron Art" or other		
7						1	 _			4		ω		Qty
IAIROBI										sm		Ē		Unit
.CITY.COUN							-		5 - 22110		-		-	Rate
NAIROBI.CITY.COUNTY.ASSEMBLY														Amt (Kshs.)

-		\bigcirc	1944 1971		\bigcirc			0	Cire .
			\cap		ω	Þ			27
	<u>PROVISIONAL</u> <u>SUMS</u>		Provide a Provisional Sum for Contingencies		Allow a Provisional Sum of Kenya Shillings 50,000/=) for Electrical Installations (Re-w upgrading of existing electrical installation)	Allow a Sum of Fifty Thou: Administration	PROVISIONAL SUMS	BILL NO. 2	
	<u>TOTAL CARRIED</u> <u>TO GRAND SUMMARY</u>		Provide a Provisionai Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	×	Allow a Provisional Sum of Kenya Shillings Fifty Thousands only (Kshs 50,000/=) for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation)	Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration			
					-				
			50,000.00		50,000.00	50,000.00		Amt (Kshs.)	

([~]

Ľ,

ziwani.kariokor.ward.

PC/1

WITNESS – NAME ADDRESS DATE SIGNATURE.	CONTRACTOR. ADDRESS DATE SIGNATURE				3. BILL NO.	2. BILL NO. 1	1.	ITEM	GRAND SUMMARY	RENOVATIO	 PROPOSED NAIROBI CI	
	OR	GRAND TOTAL CARRIED		•	2	O. 1 - BUILDER'S WORK	PRELIMINARIES	PARTICULARS	MMARY	RENOVATIONS OF EXISTING OFFICES	proposed renovations of existing ward offices for the Nairobi City County Assembly - Ziwani/Kariokor ward	
		D TO FORM OF TENDER	16% V.A.T.	ADD:-	DCM	CA/3	PP/10	PAGE NO			ING WARD OFFICES FOR THE ZIWANI/KARIOKOR WARD	
											Amt (Kshs.)	

ziwani.kariokor.ward.

C.</1

אואוסרו רודע הרו ואודע אככבאוטיע

(

PROPOSED RENOVATION OF EASTLEIGH NORTH WARD **BILL OF QUANTITIES** OFFICES FOR

ales.

- 1 - 1

						\bigcirc			6	P	
			-		-	0		· .	_ 7	0	
 R		ж С			5					Q	7
	PD/1	To Collection	"n.e" shall mean not exceeding "100-200",mm shall mean over 100mm and not exceeding 200mm an shall apply equally to any other combination of figures expressed in a similar fashion. "m.s" shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean linear metre "m3" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S" shall mean the current British Standard specification published the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works Definition of Terms and Abbreviations	GENERAL AND PARTICULAR PRELIMINARIES SUFFICIENCY OF TENDER	DESCRIPTION		
-			ling 200mm and s expressed in a	otion except as ccurs in cription	ntion published by MW.1, England.	shall be interpreted	If before tendering the works and for rices shall cover all he things necessary				
									KSHS.		

	2				D		С	B		A	ITEM
PP/ 2	To Collection	In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed.	Performance Bond The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company	<u>Protection of Existing Property</u> The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	other services passing under, over or above the Site and ne shall make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	Protection of existing services. The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or	Area to be occupied by the Contractor. The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	Temporary Roads Etc The Contractor shall allow for building any temporary roads for the	DESCRIPTION
>		ng seven lents d. The the	of the the when ne day	name	any onsible	e made	exact pes, or	. ° for	such nstate eer.	· the	
											KSHS.

 \bigcirc

' des

H

ê, x

-	ŢŢ		D		C		t	ם		A	ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Temporary Lighting and Power	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub-contractors in included in the items of attendance).	Water for the Works	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
	red	300	vices, .ges		e at		rks, 3 and 5 s		sons ry red cess		
						nije:	,				KSHS.

25

-

2 1

				D	C	e.		-		В	>	ITEM NO
PP/4	To Collection	designation,age,gender,and whether they are living with disability or not. The returns should reach the office of the engineer not later than 7 th day of every month.	The contractor is encouraged to the extent where practicle and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens the contractor shall ensure that not more than two thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns with the engineer indicating the name of employee their	EMPLOYMENT OF LOCAL PERSONNEL&THE MARGINALIZED	Notice Boards The Contractor is to erect on possession of the Site a painted name board size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon the Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
	1	n 7 th day	nan two shall r persons r returns	ZED	board	1 the	gineer's /hen no	ngaged uncil, len no	n, for puare e a for the	sliable	pon the l pay all	
	ň											KSHS.

17

8 D13

.

				, Т.	t	IJ	ŗ	J	C.	B.		Α.	ITEM NO
PP/5	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
				1							~		KSHS.

0.

5

1.

P

	И	r								i.		NO NO
PP/6	To Collection		All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
			. r d or	on				and he ar d		on th.		
							12					KSHS.

 \bigcirc

		pp/7	
	-		
		To Collection	
	-		
×			
	ngineer the	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	
	nd shment	These percentage additions shall cover all insurances, use of tools and plant; sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	
	3	Materials: The prime cost of materials delivered to site whichper centum shall be added.	
		 Labour: The prime cost of labour to which per centum shall be added. 	
	nall be	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	2
-		Day works	
	s th P.C. items.	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	~
	, or , be and king per	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	
	taining o show over quired.	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	*
KSHS.	ž	DESCRIPTION	ITEM NO

C

2' 's 3)

.

. (

F?

		<mark>لتہ</mark>			D	· 0	ω.	А	ITEM NO
<u>6/dd</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	<u>SALES TAX/VALUE ADDED TAX</u> The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	INSURANCE The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
				ials ect.	is of s of ied.	tax	he		
									KSHS.

, , , 。 於

				e.		÷										ITEM NO	
	PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	TOTAL FOR		Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/2	Page No. PP/1	Collection	DESCRIPTION	
	•		MINARIES				-										
	đ	× .			÷						-		~				
	,				0											KSHS.	

Ć.

Ep

. An

-

		F			
				Carried to collections	
5		no		4 45 x 900 x 2100mm high solid core flush door faced both sides with 3mm thick interior quality cypress veneered plywood and hardwood lipped all edges	I
				Flush doors	
		lm		Ditto transome with four labours	5
	electro Area	m	6	² 150 x 50mm frame with four labours plugged	т
		m	UI	40 x 15mm glazing bead with one labour	-
		m	6	38 x 15mm architrave with two labour	D
	-5-14-15-14-	lm	6	15mm quadrant beading with one labour	\cap
			8	Wrot prime grade mahogany in door frames and finishings	
				DOORS	
		sm	20	General surfaces of timber	B
				Knot, prime, stop and apply three coats of "Ronseal" clear. Wood Vanish as "Crown" or other equal and approved on:	
		sm	10	spaced approximately 1200mm centres; vertically divided into two parts comprising 550mm high top panel infilled with louvred glass complete with levers and louvre carriers; 2150mm high bottom panel faced infilled with 25mm thick blockboard faced both sides with 3mm thick mahogany veneers (all as per detailed architect's design)	
				75mm thick x 2400mm high blockboard partitions comprising of 75 x 75mm wrot mahogany framework and beadings	Þ
				Timber Partitions	
				PARTITIONS AND SCREENS	
				BILL NO. 1 BUILDER'S WORK	
		~		PROPOSED RENOVATIONS OF EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY - EASTLEIGH NORTH WARD	67
Amt (Kshs.)	Rate	Unit	Qty		c

eastleigh.north.ward.

CA/1

				Carried to collections	
		sm	28	J 30mm thick screed prepared to receive ceramic floor tiles (m/s)	
-				Cement/Sand (1:3) in:	
		item		1 Carefully hack existing worn floor tiles including skirting; prepare the floor to receive new floor finish internally and externally, load and cart away arising debris (Approximately area- 28 square metres)	
•	11-17-16-16- 6 4			FLOOR FINISHES	
• •				FINISHES	(
	, the second	ľm	7	HDitto exceeding 200mm but not exceeding 300mm girth	T
		lm	17	G Ditto not exceeding 100mm girth	
		sm	4	F General surfaces of wood	
				Knot, prime, stop and apply three coats of "Ronseal" clear Wood Vanish as "Crown" or other equal and approved on:	
				Painting	
		no	Ν	E Delayed action non-reversible overhead door closer as "UNION" or other equal and approved	
		no	Ν	38mm diameter, 59mm deep rubber door stop including 32mm deep iron lug plugged to floor	\square
		no		C 3- lever mortice lock complete with aluminium lever furniture	
		prs	1.5	B 100mm pressed brass butt heavy duty hinges	
	n daar dha mbada ah shaka ah			Supply and fix the following ironmongery with matching screws as per "UNION" catalogue or other equal and approved	
				Ironmongery	
		sm		A 6mm thick clear glass and glazing with mahogany timber beads (m/s) to timber frame in panes exceeding 0.10 but not exceeding 0.50 square metres	
				Glazing	<u>ن</u> `
Amt (Kshs.)	Rate	Unit	Qty	25	2:
	<u>1995-19</u>				îr

eastleigh.north.ward.

CA/2

			. п				TT TT)						\bigcirc				B	\triangleright	S	5	Ę,
eastleigh.north.ward.	Carried to collections		General metal grilles surfaces	"Crown" or other equal and approved plastic gloss paint to:	Prepare and apply one undercoat and two finishing coats of	Painting	Standard steel grille door overall size 900 × 2400mm high comprising 50 × 50 × 3mm RHS plugged frame all round; infilled with 25 × 50mm RHS as directed; the door to include all necessary approved ironmongery and accessories	Security grille door	DOORS	Previously painted ceiling surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved emulsion paint on:	Painting and decorating	<u>CEILING FINISHES</u>	Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	100 x 10mm thick skirting with rounded top ditto	500 x 500 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	Approved non slip coloured ceramic floor tiles from an approved stockist		
			4				-			28				49				21	28		Qty	
NAIRO			sm				no			sm				sm				lm	sm		Unit	
NAIROBI.CITY.COUNTY.ASSEMBLY									the start of the start of the started				2	-							Rate	
JUNTY.		T.y.	<i>"</i> ,											x								
ASSEMB																					Amt (I	
LY																					(Kshs.)	
									. 1810					2	2							

							\bigcirc	D		\cap	\square	Β				≻		1 26	a des
BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/3	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION	Carried to collections	accessories to window openings all to approval (Provisional)	Supply and fix approved vertical screening curtains/blinds complete with all necessary opening and closing gears and	<u>Curtains/blinds</u>	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved	Metal work	General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	or/ and concrete including the necessary framework all round	20 x 20mm mild steel bars cut and welded together at 150mm centres both wavs as directed including plugging into masonry	Burglar proofing		13
				a.		-	Сī			ω		ω			4				Qty
							sm			lm		sm			sm				Unit
											instructure and the second				10- 10-0 C.mar				Rate
										 ,			· · ·					e a	Amt (Kshs.)

eastleigh.north.ward.

CA/4

			\bigcirc					(\bigcirc			م (
WITNESS – NAME ADDRESS DATE SIGNATURE	CONTRACTOR. ADDRESS DATE SIGNATURE					3. BILL NO. 2	2. BILL NO. 1		ITEM	<u>GRAND SUMMARY</u>	RENOVATIONS	PROPOSED REN NAIROBI CITY (
ME		GRAND TOTAL C				2 - PRIME COST AND PROVISIONAL SUMS	1 - BUILDER'S WORK	PRELIMINARIES	PARTICULARS	ARY	RENOVATIONS OF EXISTING OFFICES	<u>PROPOSED RENOVATIONS OF EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY - EASTLEIGH NORTH WARD</u>
		TOTAL CARRIED TO FORM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	PC/1	CA/4	PP/10	PAGE NO			<u>RD OFFICES FOR THE</u> GH NORTH WARD
												Amt (Kshs.)

10

 \boldsymbol{E}

٢

eastleigh.north.ward.

CS/1

PROPOSED RENOVATION OF **UTALII WARD OFFICES BILL OF QUANTITIES** FOR

 \bigcirc

Star Sar

	Ğ		\bigcirc	*		Ś
			2		1	ITEM NO
To Collection PP/I	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm and shall apply equally to any other combination of figures expressed in a similar fashion. "m.s" shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	'B.S" shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England. "Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	Definition of Terms and Abbreviations Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works	<u>GENERAL AND PARTICULAR PRELIMINARIES</u> <u>SUFFICIENCY OF TENDER</u>	DESCRIPTION
	a nd	d.	reted	ering for ver all ssary		
						KSHS.

			\bigcirc			\ominus		
	.,		Π	D	с ,	B	A	ITEM
PP/ 2	To Collection	of one Surety who shall be an established Bank, insurance Company or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not be ng approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	Performance Bond The Contractor shall find and submit on the form of tender the name	Protection of Existing Property The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	Protection of existing services. The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	DESCRIPTION
								KSHS.

 \ominus

 c_{1}^{α}

-

	Π	D		С	t	IJ	2.	A	ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub- contractors in included in the items of attendance). <u>Temporary Lighting and Power</u>	weather and he shall be responsible for making good all such damage at his own expense. <u>Water for the Works</u>	Protection of the Works The Contractor shall protect the whole of the works from inclement	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
ă.		rges	e at		orks, s and ıs		sons ry ted ccess		
									KSHS.
							ж. ¹²		

 \bigcirc

13

 $\langle 0 \rangle$

1.42

1)

				_						
ы			0	-				В	A	ITEM NO
PP/4	To Collection	<u>GROUP</u> The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens.the contractor shall ensure that not more than two thirds of the personel are from the same gender.Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities.The contractor shall be filing monthly labour returns with the engineer indicating the name of employee, their designation, age, gender, and whether they are living with disability or not. The returns should reach the office of the engineer not later than 7 th day of every month.	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon the Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
		<u>ZED</u> onable rience han two shall persons r returns pr n 7 th day	board	ı the	gineer's /hen no	ngaged uncil, nen no	h, for luare e a for the	ls liable	pon the I pay all	
										KSHS.

 \bigcirc

3

(E) 14

ñ.

					Ţ	t	IJ	ţ	J	C.	B		A.	ITEM NO
	PP/5	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
P			out I		e of or		port		ņ, ul		Ø	e on rrying rinted		
	-									T				KSHS.

и <u>Б</u>.

5

-

 \bigcirc

		-							5	ITEM NO
To Collection PP/6	All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all pain; and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION
*	on or red der er.	ed on				r 5, and 5 the tr ular ular and		g the ed on ealth.		
			-							KSHS.

.

 \bigcirc

ry.

 \dot{C}

Ϊ.

						-				× .	ITEM NO
PP/7	To Collection	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site whichper centum shall be added.	i) Labour: The prime cost of labour to which per centum shall be added.	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	Day works	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C Sums or other items, if these have not been priced against respective items	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
											KSHS.

 \bigcirc

C.

2) 2]

						NO
						NO
purchase two copies for execution of contract once they are awarded the contract. To Collection	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from. <u>Conditions of Contract</u> Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenva 1999 Edition and contractor shall	<u>Direct contract work</u> The term "add for attendance" on direct contract work shall be deemed to include for all requirements contained in the same item for nominated sub- contract work previously described. <u>Training Levy</u>	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract as between the Employer and the nominated sub-contractor.	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	DESCRIPTION Nominated Sub-Contractors
the	r; the 000/= here ished	ed to d sub-	shall be al and ore rovided	of the r be ıy	ating ated	
						KSHS

 Θ

		Ţ	Ц		D	· 0	. Ω	A	ITEM NO
<u>9/dd</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	<u>SALES TAX/VALUE ADDED TAX</u> The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	<u>INSURANCE</u> The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
			he ,	aterials hitect.	tions of rices of tained. nit	ded tax his om.	o obtain ese th the	and s of	
						ж.			KSHS.

6

· ~ ~2.

~9 J

					£					· · · ·					ITEM NO	
PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	TOTAL FOR	÷.,	Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/2	Page No. PP/1	Collection	DESCRIPTION	
		ES				-							-			
 N														2		
				*											KSHS.	

 Θ

 \bigcirc

. Č.

Ъ. . оз

		 2	ш		D	_	<u> </u>				B	Þ	\bigcirc						M	
utalii.ward:			13mm thick cellotex ceil symmetrical V-jointed p	<u>Ceiling boards</u>	50 x 50mm brandering (provisional)	Sawn celcured second grade cypress:-	Carefully remove existing worn-out celd rotten brandering; load and cart away a (Approximately area- 24 square metres)	Demolitions (Provisional)	NB:- M.C.A.'s OFFICES	CEILING FINISHES	Ditto; externally (entire office block)	Previously painted wall surfaces measured doors and windows surfaces; internally	Thoroughly scrub down previou dust, prepare and apply three co and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	NB:- M.C.A.'s OFFICES	FINISHES	BILL NO. 1	PROPOSED RENOVATIONS OF EXI FOR THE NAIROBI CITY COUNTY WARD	
CA/1	Carried to collections		13mm thick cellotex ceiling boards internally fixed with symmetrical V-jointed patterns to existing timber brandering		(provisional)	rade cypress:-	Carefully remove existing worn-out celotex ceiling including rotten brandering; load and cart away arising debris (Approximately area- 24 square metres)	<u>al)</u>	A.'s OFFICES AND CORRIDOR ONLY		office block)	Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	ğ		M.C.A.'s OFFICES AND CORRIDOR ONLY		BUILDER'S WORK	PROPOSED RENOVATIONS OF EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY - UTALII WARD	
			24		24						110	74				*	e ⁿ		Qty	2
NAIRC			STM		lm		item				sm	sm	-						Unit	
				-															Kare	
NAIROBI.CITY COUNTY.ASSEMBLY			, ,		-														Amt (Kshs.)	

.

$\left[\right]$							r) .		D		0	\square				в		Þ		1	202
	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/1	COLLECTION	Carried to collections	accessories to window openings all to approval (Provisional)	Supply and fix approved vertical screening curtains/blinds complete with all necessary opening and closing gears and	<u>Curtains/blinds</u>	either side of curtain rod; wrought iron as "Iron Art" or other equal and approved	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; including 50mm diameter circular curtain and sheer hooks to both rods at 50mm centres; complete with basket end on	Metal work	General steel grilles measured overall both sides	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint as "Crown Paints" or other equal and approved on:	Painting	or/ and concrete including the necessary framework all round	centres both ways as directed including plugging into masonry	20 x 20mm mild steel bars cut and welded together at 150mm	Burglar proofing	5mm thick clear sheet glass glazed with putty to metal in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing	WINDOWS	
					÷	4			ω			6		,	ω				-			Qty
						Sm			m			sm			sm				sm			Unit
								1-1-1710-171-1-1710									n të dve di	ç	÷		-	Rate
													2 2	ж 1					,			Amt (Kshs.)

utalii.ward.

CA/2

NAIROBI.CITY.COUNTY.ASSEMBLY

		\bigcirc	\cap	B			¥.	rw 2≪
<u>PROVISIONAL</u> <u>TOTAL CARRIED</u> <u>SUMS</u> <u>TO GRAND SUMMARY</u>			Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	Allow a Provisional Sum of Kenya Shillings One Hundred and Fifty Thousands only (Kshs 150,000/=) for Electrical Installations (Re- connection, Re-wiring, conduiting and upgrading of existing electrical installation)	 A Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration 	<u>PROVISIONAL SUMS</u>	BILL NO. 2	
			×.					Mandalan T. T. T. T. Takat Manarak
	7		50,000.00	150,000.00	50,000.00		Amt (Kshs.)	

utalii.ward.

PC/1

NAIROBI.CITY.COUNTY.ASSEMBLY

			() .	-)			ρ.	R3 JA
	WITNESS – NAME ADDRESS DATE. SIGNATURE.	CONTRACTOR. ADDRESS. DATE. SIGNATURE.	GRAND TOTAL CARRIED TO				3. BILL NO. 2 - PRIME COST AND PROVISIONAL SUMS	2. BILL NO. 1 - BUILDER'S WORK	1. PRELIMINARIES	ITEM PARTICULARS	GRAND SUMMARY	RENOVATIONS OF EXISTING OFFICES	<u> PROPOSED RENOVATIONS OF EXISTING WARD OFFICES</u> <u>NAIROBI CITY COUNTY ASSEMBLY - UTALII WARD</u>	
			FORM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	PC/1	CA/2	PP/10	PAGE NO	,		S FOR THE	
-													Amt (Kshs.)	· ·

utalii.ward.

CS/1

NAIROBI.CITY.COUNTY.ASSEMBLY.

PROPOSED RENOVATION OF **ROYSAMBU WARD OFFICES BILL OF QUANTITIES** FOR

the the

					\bigcirc				. ı c	iere to
				r					P	, ⁵ , *
2 2							2	ITEM NO	JO T	
PP/1	To Collection	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm and shall apply equally to any other combination of figures expressed in a similar fashion. "m.s " shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean square metre "kgs" shall mean cubic metre "kgs" shall mean square hollow section "No" shall mean number	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S" shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	The contractor shall be deemed to have satisfied miniscription of conversions as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works Definition of Terms and Abbreviations	SUFFICIENCY OF TENDER	DESCRIPTION GENERAL AND PARTICULAR PRELIMINARIES		-)
						-		KSHS.		

			Ē	D	0	В	Þ	ITEM
PP/2	To Collection	contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Same before the said bond is provided. The contractor shall allow all the stamp charges in connection with the	<u>Performance Bond</u> The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the	Protection of Existing Property The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	<u>Protection of existing services</u> . The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	DESCRIPTION
				C)	0 ,	<u> </u>		KSHS.
					54		•	

		Ţ	D		C		b	J	•	A	ITEM NO
PP/3	(Provision of lighting and power for nominated sub-contractors is included in the items of attendance. To Collection	<u>Temporary Lighting and Power</u> Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith.	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub-contractors in included in the items of attendance).	Water for the Works	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
		ired	rvices, 1rges		je at		orks, 's and as		ary cted tccess		
£										а а	KSHS.

.

 \bigcirc

n ex x PD

Α.		D	C		× •			в	A	ITEM NO
To Collection	The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens the contractor shall ensure that not more than two thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns with the engineer indicating the name of employee, their designation, age, gender, and whether they are living with disability or not. The returns should reach the office of the engineer not later than 7 th day of every month.	EMPLOYMENT OF LOCAL PERSONNEL&THE MARGINALIZED	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name board size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon the Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	Telephone The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
	onable rience shall 1 persons r returns or 7 th day	ZED	board	n the	ngineer's when no	ngaged ouncil, hen no	n, for quare le a for the	uls liable	upon the ll pay all	
			-		5 0	-				KSHS.

, 08

(D)

DESCRIPTION Advertisements The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract. Copy Right The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission General Scaffolding Provide and erect all necessary general scaffolding comprising of metal scalfolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	The contractor shall submit proposed working hours. No Public Holiday without the v	Provide all labour, materials, plant, tools, vehic for the efficient execution and completion of th for materials and workmen to and from the site E Working Hours	C. <u>General Scaffolding</u> Provide and erect all necessa scalffolds or movable crane adapt, dismantle and re-erect needed. D.	B. <u>Copy Right</u> The copy of these Bills of Qua Nairobi and they may not be r Engineer's written permission	A. <u>Advertisements</u> The contractor shall not allov Engineer, bill posting or adv any place of which the contr out this contract, or take pub matter or use name of the Er	ITEM DESCRIPTION NO
he pon arrying printed alin,	<u>Labour, Material etc</u> Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site <u>Working Hours</u> <u>Working Hours</u> The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.		ary general scaffolding comprising of me during the course of the work and mainta t as required and remove when no longer	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without t Engineer's written permission	<u>Advertisements</u> The contractor shall not allow, except with the consent in writing of 1 Engineer, bill posting or advertising of any kind upon the works or u any place of which the contractor has possession for the purpose of c out this contract, or take publish or advertise any photographs or any matter or use name of the Engineer in relation to the contract.	
	nsport vy or		, , , , ,	lie	he oon arrying printed	

0.

- « AD

 \bigcirc

To Collection	Day works in writing. contractor	These perc plant, sharp and overhe	Materials: which	i) Labour	Day work executed a	Da	The Contra generally t Sums or ot	The rates s Quantities unless then held to inc return of e good and <i>z</i> completion	All items (lump sums the price o several ite	ITEM DESCRIPTION	
on	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	The prime cost of materials delivered to site	Labour: The prime cost of labour to which	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	Day works	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	TION	
	gineer	hment		:	all be		h P.C. items.	or be ind ing er	aining 5 show 5 ver Juired.		
			-			-				KSHS.	

 \bigcirc

							đ		÷			NO
								a. ,				ITEM
PP/8	To Collection	Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenya 1999 Edition and contractor shall purchase two copies for execution of contract once they are awarded the contract.	Conditions of Contract	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from.	Training Levy	The term "add for attendance" on direct contract work shall be deemed to include for all requirements contained in the same item for nominated sub-contract work previously described.	Direct contract work	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract as between the Employer and the nominated sub-contractor.	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	Nominated Sub-Contractors	DESCRIPTION
		olished shall d the		per, f the),000/= there		ned to ed sub-		shall be eral and fore provided	t of the or be ny	ns to hating le hated	v Je	×
										· · · · · · · · · · · · · · · · · · ·	d'a a	KSHS

 \bigcap

· • • • • • •

		ΓŢ	Щ		D	· 0	. B	A	ITEM NO
<u>PP/9</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	SALES TAX/VALUE ADDED TAX The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	<u>INSURANCE</u> The contractor shall allow for insurance against, among other risks personal injury; loss of or damage to the works materials and plant and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
		-		rials ect.	ns of es of ned.	d tax	btain	f d	
									KSHS.

.

		x												·			
				, ,	-		E	9					z	- ý		ITEM NO	
	PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	TOTAL FOR		Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/2	Page No. PP/1	Collection	DESCRIPTION	
	-																
							÷									KSHS.	

()

	 π	Ē		()		0	ω		\bigcap		⊳			1	, «Q
Carried to collections	100 x 10mm thick skirting with rounded top ditto	300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)	Approved non slip coloured ceramic floor tiles from an approved stockist	30mm thick screed prepared to receive ceramic floor tiles (m/s)	Cement/Sand (1:3) in:	Ditto floor screed ditto (Approximate area - 16 square metres)	Carefully hack out the existing ceramic floor tiles floor finish including skirtings and screed below; prepare floor to receive new floor finish; make good all disturbed surfaces; load and cart away arising debris (Approximate area - 4 square metres)	Demolitions	FLOOR FINISHES	FINISHES	Supply and fix approved vertical screening curtains/blinds complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional)	Curtains/blinds	WINDOWS	BILL NO. 1 BUILDER'S WORK	PROPOSED RENOVATIONS OF EXISTING WARD OFFICES - ROYSAMBU WARD
	28	20		20							σ				Qty
	 lm	Sm	~	sm		item	item		-		sm				Unit
	 ×									13				с -	
	1		en en l'ar en es y e	•		1				10-10-10-10-10					
															Sup
	i.											-			Cts

Π		I		5	П		ш	\bigcirc		D			6	3	ω		Þ	1	4	
ראש האשריו וואמיניי וואמינייי	Carried to collections	General surfaces of gypsium ceiling boards	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint on:	100 x 25mm ditto cornices ditto	13mm thick moulded gypsium ceiling boards internally fixed to existing timber brandering	Ceiling boards	Carefully remove existing worn-out celotex ceiling including rotten brandering; load and cart away arising debris (Approximately area- 20 square metres)	Demolitions (Provisional)	CEILING FINISHES	Previously painted walls and column surfaces internally measured overall doors and windows	Thoroughly rub off previously painted surfaces of all dust, prepare and apply three coats as "Crown" or other equal and approved plastic emulsion paint on:	Painting	250 x 250 x 6mm thick coloured ceramic wall tiles fixed with an approved adhesive on prepared render (m/s)	Approved ceramic tiles from an approved stockist	10mm thick render prepared to receive ceramic tiles internally (m/s)	Cement and Sand (1:3) in:	Carefully hack out the existing ceramic wall tiles including skirtings and screed backing; prepare floor to receive new wall finish; make good all disturbed surfaces; load and cart away arising debris (Approximate area - 12 square metres)	Demolitions	WALL FINISHES	
	1781 12	20		30	20		-		I	25			12		12					Qty
	a. Ar	sm		lm	sm		item			sm			Sm		sm		item			Unit
					•															Rate
				Accession - 1949		eter tertite the territory of	,	a Talan ang ting ting												
INITY ACC																				Shs
			×								2			÷	ς.					
									÷											Cts

			- × 13	
 2	а.		Carried to collections	
	no		25mm Ditto	5
			<u>Screw down stop valve with wheel head and joints to pipe:-</u>	
			Brass tap and stop valves to B.S. 2879 and B.S 1010	
	no		15mm Diameter	. –
			Connector 450mm girth with unions both ends jointed to galvanized mild steel tubing and fitting to nominal:-	
			Flexible tubes	
	no		50mm Diameter	m
			Bottle trap P trap (611) and joint to pipe:-	()
			Plastic traps to B.S 3943 (References to Terrain product Handbook PH. 06)	
	no	ω	25mm Diameter	D
-			Extra for reducer tee in pipe:-	
	no	ω	25mm diameter	\cap
			Extra for bend in pipe:-	
	lm	15	25mm Diameter	Β
			PPR pipes jointed with compound or tape and fixed in masonry walling including all chasing in walls	\bigcap
			Pipework	
	item		A Provide all necessary labour, equipments and materials; thoroughly inspect the entire foul water drainage system for all blockages and leakages; carefully unblock and clear all blockages; remove any existing worn out or leaking drainage pipes; make good all disturbed surfaces; load and cart away arising debris ditto	A
			Demolitions	
			SANITARY FITTINGS, INTERNAL AND EXTERNAL PLUMBING AND DRAINAGE INSTALLATIONS (ALL PROVISIONAL)	1 9
Rate	Unit	Qty		N

	a 4				_			\bigcirc		I		G	т	m	()	0	B			Þ	1 3	14
	<u>BILL NO. 1</u> BUILDER'S WORK	Brought down from above	Brought forward from page CA/3	Brought forward from page CA/2	Brought forward from page CA/1	COLLECTION		Allow for testing the installation to the ent and for replacing any	Testing	2000 Litres capacity	Rotationally molded Moulders Ltd" or any	Polished mirror overall size to wall to approval	Approved toilet roll holders	Stainless steel soap di	Hand drier as "Mediclinic" ditto	1/2" Pillar Tap-CP Cobra to B.S	15mm Diameter "peglers 1 approved brass gate valve	Supply and fix as des jointing to service, or	Sanitary fittings	20mm Diameter	Ball valves to B.S 1212 and floats to B.S. High pressure piston type ball valve wit joints to pipe:-	
) P.X	TOTAL CARRIED TO GRAND SUMMARY	above	n page CA/3	n page CA/2	n page CA/1		Carried to collections	Allow for testing the whole of the plumbing installation to the entire satisfaction of the Engineer and for replacing any defective work free of charge			Rotationally molded polythene tanks as "ROTO Moulders Ltd" or any other equal and approved	all size 850 x 1700mm high fixed	holders	Stainless steel soap dispenser as "Mediclinic"	linic" ditto	bra to B.S	15mm Diameter "peglers 1065" or other equal and approved brass gate valve	Supply and fix as described the following including jointing to service, overflow, waste and soil pipes			Ball valves to B.S 1212 and floats to B.S. 2456 High pressure piston type ball valve with float and joints to pipe:-	
-							suc	2	x					3								
						4	8					N				Ν			2			Qty
				5123. 11				item		no		no	no	no	no	no	no			no		Unit
		·														-						Rate
· · · · · · · · · · · · · · · · · · ·		-									•											Shs
															-1							Cts

		\bigcirc		\bigcirc) D
Γ		\cap	Ψ.	ω	≥		
	<u>PROVISIONAL</u> <u>SUMS</u>	Provide a Provisional Sum of for Contingencies	Allow a Provisional Sum of K (Kshs 75,000/=) for Elevated	Allow a Provisional Sum of Kenya Shillings (Kshs 25,000/=) for Electrical Installations upgrading of existing electrical installation)	Allow a Sum of Fifty Thousan Administration	PROVISIONAL SUMS	BILL NO. 2
	<u>TOTAL CARRIED</u> TO GRAND SUMMARY	Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	Allow a Provisional Sum of Kenya Shillings Seventy Five Thousands only (Kshs 75,000/=) for Elevated Steel Platform for Cold Water Storage Tank	Allow a Provisional Sum of Kenya Shillings Twenty Five Thousands only (Kshs 25,000/=) for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation)	Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration		• •
					· · · · · ·		
		50	75	25	50		shs
		 50,000	75,000	25,000	50,000		
		1	, 1		ĩ		Cts

л. М			\bigcirc						\bigcirc			<i>D</i>)	p old of
WITNESS – NAME ADDRESS DATE SIGNATURE	CONTRACTOR ADDRESS DATE SIGNATURE					3. BILL NO. 2	2. BILL NO. 1	÷	ITEM	GRAND SUMMARY	RENOVATIONS	PROPOSED RENOV ROYSAMBU WARD	-
		GRAND TOTAL CARRI				- PRIME COST AND PROVISIONAL SUMS	- BUILDER'S WORK	PRELIMINARIES	PARTICULARS	RY	RENOVATIONS OF EXISTING OFFICES	proposed renovations of existing ward offices roysambu ward	
		GRAND TOTAL CARRIED TO FORM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	PC/1	CA/7	PP/10	PAGE NO	-		VARD OFFICES -	
									5				2 -
									r.			Shs	
				а. -					·			Cts	1

1 1 1

PROPOSED RENOVATION OF MARINGO/HAMZA WARD **BILL OF QUANTITIES** OFFICES FOR

(

 \bigcirc

							5
				-		ITEM NO	4
PP/1	"m.s" shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number To Collection	which is contained within the appropriate brackets. "n.e" shall mean not exceeding "100-200" mm shall mean over 100mm and not exceeding 200mm and shall apply equally to any other combination of figures expressed in a similar fashion.	"B.S" shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England. "Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brockets it shall mean the whole of the preceeding description	Definition of Terms and Abbreviations Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	<u>SUFFICIENCY OF TENDER</u> The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works	DESCRIPTION GENERAL AND PARTICULAR PRELIMINARIES	
					-	KSHS.	

CO ·

the and

3

 $\tau^{\mathbb{C}}$

					C	Ð			r er A
	х	· · · · · · · · · · · · · · · · · · ·	ŢIJ		C	ت د	A	ITEM	
PP/ 2	To Collection	or Fidelity Guarantee Corporation and who will be willing to be bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The Bond.	The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense. Performance Bond The Contractor shall find and submit on the form of tender the name	concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense. Protection of Existing Property	Protection of existing services. The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Authorities	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossir g, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	DESCRIPTION	
					~			KSHS.	

	ц		D		C		t	D		A	ITE
											ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Temporary Lighting and Power	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated subcontractors in included in the items of attendance).	Water for the Works	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
	red		vices, rges		e at		orks, s and is		ie persons rrary ected access		
				£	-	-		÷	-		KSHS.

 \bigcirc

r er tre Itte grad

												÷
		· ·	<i>x</i>	2 2 2				-)]
				D	C		N)			Β	A	ITEM
PP/4	To Collection	with the engineer indicating the name of employee,tnetr designation,age,gender,and whether they are living with disability or not. The returns should reach the office of the engineer not later than of every month.	to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens the contractor shall ensure that not more than two thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns	EMPLOYMENT OF LOCAL PERSONNEL&THE MARGINALIZED GROUP The contractor is encouraged to the extent where practible and reasonable	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	No labour with the exception of the watchmen shall be housed upon the Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for th duration of the Works.	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION
		or In 7 th day	han two shall d persons ir returns	<u>ZED</u> onable	board	the	gineer's hen no	ngaged uncil, en no	, for uare a or the	s liable	on the pay all	
				¥						-		KSHS.
						ж В ₀						

< 27

				Ŧ	t	IJ	Ľ.	כ	C.	В.		Α.	ITEM NO
PP/5	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any plinted matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
×,		1 I		e of or		port				-	ving		
						×							KSHS.

 \bigcirc

		•			•	NO
To Collection PP/6	All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	<u>Measurement of the Works</u> The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Keeping excavations free from water Allow for keeping all excavations free from general water.	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health. Clearing away and making good	DESCRIPTION Contractor's Tips
	ion or ered nder eer.	red on		r s, and o the rt ular and and ed or	; the ed on xalth.	
		• D			· · ·	KSHS.

		PP/7	
	*	To Collection	
	-		÷
	the Engineer er ard the	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	
	ols and stablishment	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	
×	ed.	Materials: The prime cost of materials delivered to site whichper centum shall be added.	x
		i) Labour: The prime cost of labour to which per centum shall be added.	
	ract shall be	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	
		Day works	7
	on with P.C.	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	
	Sill of ntrary, or waste, be ng in and n, making e proper ofit	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	
	rs containing lown to show ns to cover f so required.	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	
KSHS.		M DESCRIPTION	ITEM NO

 \bigcirc

is . Light

						æ å	al L		0					i di Sitei
													ITEM NO	~
Pp/8	To Collection		Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenya 1999 Edition and contractor shall purchase two copies for execution of contract once they are awarded the contract.	Conditions of Contract	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of th rate of 0.25% of contract sum on all contracts of more than Kshs.50,00 in value and his tender must include for all cost arising or resulting the from.	Training Levy	The term "add for attendance" on direct contract work shall be deer include for all requirements contained in the same item for nominat contract work previously described.	Direct contract work	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the cred Employer either directly or indirectly. In no case shall the contract deemed to be the agent of the Employer nor shall there be created a privity of contract as between the Employer and the nominated sub contractor.	The contractor shall be responsible for giving all necessary direction nominated sub-contractors ascertaining their requirements, co-ordin their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nomin	Nominated Sub-Contractors	DESCRIPTION	
			olished shall ed the		ber, of the D,000/= there		med to ted sub-		s shall be eral and efore provided	t of the or be my	nating ne nated			
-												7	KSHS	

e'r

		Ţ	Π		Ð	. 0	· B	Þ	ITEM NO
<u>6/dd</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	NCA REGISTRATION The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	<u>SALES TAX/VALUE ADDED TAX</u> The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	INSURANCE The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
		а 	he	aterials hitect.	tions of rices of tained. nit	ded tax his om.	o obtain ese ith the	; ; and ns of	
			-						KSHS.

~

									,						ITEM ŅO
	PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	TOTAL FOR	Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/ 2	Page No. PP/1	Collection	DESCRIPTION
•			ARIES					a da e filosofi direce		1					
											ũ				KSHS.

6-2-

.

.

۲. ۲.

	I	5	ч	ш	D	(\cap	ω			\bigcap				1	6	
Carried to collections	Ditto transome with four labours	150 x 50mm frame with four labours plugged	40 x 15mm glazing bead with one labour	38 x 15mm architrave with two labour	15mm quadrant beading with one labour	Wrot prime grade mahogany in door frames and finishings	Carefully cut into existing 200mm thick natural stone walling to create 2no. new door openings ditto (approx. area - 5 sq. metres)	Carefully remove existing 1no. timber door size 900 x 2100mm high; make good all disturbed surfaces; hand over all salvegeable materials to relevant authority as directed; load and cart away all arising debris as directed	Demolitions	DOORS	200mm thick to block existing door opening	Machine cut natural stone walling bedded, jointed in cement/sand (1:4) mortar and reinforced with 25mm wide x 2mm thick hoop iron in every alternate course; internally	Walling shall be in natural stone blocks of uniform cross - section sizes while mortar joints shall strictly be 12mm thick, uneven stone block sizes shall not be acceptable	Walling	BILL NO. 1 BUILDER'S WORK	PROPOSED RENOVATIONS OF EXISTING MARINGO/HAMZA WARD OFFICES	
	Ν	12	10	12	12		c.				Ν						Qty
	lm	lm	lm	lm	lm		item	item			sm						Unit
	 2			-						e *					x		Rate
																- 71	
								-									Shs
						a 											Cts

maringo hamza ward

C 7 11

		I	*		\frown	ч	ш				0		B		Þ	·	-
Carried to collections		Grille metal surfaces measured overall both sides	<u>Prepare and apply one undercoat and two finishing</u> <u>coats of "Crown" or other equal and approved plastic</u> <u>gloss paint to:</u>	Painting	UNION" or other equal and approved	38mm diameter, 59mm deep rubber door stop including 32mm deep iron lug plugged to floor	3- lever rebated aluminium door lock	100mm pressed brass butt heavy duty hinges	<u>Supply and fix the following ironmongery with</u> matching screws as per "UNION" catalogue or other equal and approved	Ironmongery	Standard steel grille door overall size 900 x 2400mm high comprising 50 x 50 x 3mm RHS plugged frame all round; infilled with 25 x 50mm RHS as directed; the door to include all necessary approved ironmongery and accessories	Security grille door	3 5mm thick thick clear glass and glazing to timber frame in panes exceeding 0.10 but not exceeding 0.50 square metres	Glazing	A 45 x 900 x 2100mm high solid core flush door faced both sides with 3mm thick interior quality mahogany veneered plywood and hard wood lipped all edges	Flush doors	
		ъ			ω	ω	Ν	ω			-				Ν		Qty
		sm			no	no	no	prs			no		sm		no		Unit
	4 																Rate
			~											*			Shs
		-				N.			0	×							Cts

) ;

	רודעוריו וג ודע גרודו גחו ע	1					
-		inter and				Carried to collections	
			2				
		tertettikter and		Ē	00	וסס x וסוווווו נחוכא אגורנוחא שונח הסתומפמ נסף מוננס	-
				i sm	40		-
							Т
						Approved non slip coloured ceramic floor tiles from an approved stockist	
				sm	40	30mm thick screed prepared to receive ceramic floor tiles (m/s)	5
						Cement/Sand (1:3) in:	
				item		Ditto floor screed ditto (Approximate area - 32 square metres)	с т
				item	-	Carefully hack out the existing ceramic floor tiles including skirtings and screed below; prepare floor to receive new floor finish; make good all disturbed surfaces; load and cart away arising debris (Approximate area - 8 square metres)	m
						Demolitions	
						FLOOR FINISHES	
						FINISHES	
				sm	6	Supply and fix approved vertical screening curtains/blinds complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional)	D
			÷	4		Curtains/blinds	
	-			i i		<u>WINDOWS</u>	
				m	21	Ditto exceeding 200mm but not exceeding 300mm girth	\cap
				lm	50	Ditto not exceeding 100mm girth	в
				Sm	12	General surfaces of wood	A
						Knot, prime, stop and apply three coats of "Ronseal" clear Wood Vanish as "Crown" or other equal and approved on:	: 2
Cts	Shs		Rate	Unit	Qty	i de	

	-		С С			т	\bigcirc	ш			D	\bigcirc	0	Β		Þ	i	3	*
	Carried to collections		Carefully remove existing worn-out celotex ceiling including rotten brandering; load and cart away arising debris (Approximately area- 40 square metres)	Demolitions (Provisional)	<u>CEILING FINISHES</u>	Previously painted walls and column surfaces internally measured overall doors and windows	Thoroughly rub off previously painted surfaces of all dust, prepare and apply three coats as "Crown" or other equal and approved plastic emulsion paint on:	Plastered wall internally	Prepare and apply one undercoat and two finishing coats of "Crown" or other equal and approved plastic gloss paint to:	Painting	250 x 250 x 6mm thick coloured ceramic wall tiles fixed with an approved adhesive on prepared render (m/s)	Approved ceramic tiles from an approved stockist	10mm thick render prepared to receive ceramic tiles internally (m/s)	12mm thick lime plaster to walls trowelled smooth internally	Cement and Sand (1:3) in:	Carefully hack out the existing ceramic wall tiles including skirtings and screed backing; prepare floor to receive new wall finish; make good all disturbed surfaces; load and cart away arising debris (Approximate area - 30 square metres)	Demolitions	WALL FINISHES	e
		đ				08		4			43		43	4					Qty
			item			sm		sm			sm		SIL	Sm		item			Unit
																			Rate
a de la compañía					2						nnor tortan source a								
																			Shs
													-				1		Cts

		-	I	1	10000 10000	<u> </u>		<u>т (</u>		m						<u> </u>		B	<u>∧</u>	
manina haman and	Carried to collections	110mm Ditto	50mm Diameter	Bottle trap P trap (611) and joint to pipe:-	Plastic traps to B.S 3943 (References to Terrain product Handbook PH. 06)	25mm Diameter	Extra for reducer tee in pipe:-	25mm diameter	Extra for bend in pipe:-	25mm Diameter	PPR pipes jointed with compound or tape and fixed in masonry walling including all chasing in walls	Pipework	Provide all necessary labour, equipments and materials; thoroughly inspect the entire foul water drainage system for all blockages and leakages; carefully unblock and clear all blockages; remove any existing worn out or leaking drainage pipes; make good all disturbed surfaces; load and cart away arising debris ditto	Demolitions	<u>SANITARY FITTINGS, INTERNAL AND EXTERNAL</u> <u>PLUMBING AND DRAINAGE INSTALLATIONS</u> (ALL PROVISIONAL)	General surfaces of gypsium ceiling boards	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint on:	100 x 25mm ditto cornices ditto	13mm thick moulded gypsium ceiling boards internally fixed to existing timber brandering	Ceiling boards
		1	1		ν Ω	ω		ω		15			-		*	40		50	40	
		no	no			no		no	r.	lm			item			sm	×	lm	sm	
		1						-			e									
																	-			
					-										x	56			· · · · ·	

				╟	
					Carried to collections
		1	no	Ν	K 1000 Litres capacity
r.					Rotationally molded polythene tanks as "ROTO Moulders Ltd" or any other equal and approved
			no	Ν	J Polished mirror overall size 850 x 1700mm high fixed to wall to approval
			no	1	Approved toilet roll holders
			no	-	H Stainless steel soap dispenser as "Mediclinic"
			no	<u>~</u>	G Hand drier as "Mediclinic" ditto
			no	Ν	/2" Pillar Tap-CP Cobra to B.S
		-	no	-	 E Approved Vitreous China "Classica" W/C Suite Western type with S trap complete with low level cistern as "Fortham" or other equal and approved with handles, 40mm diameter white upvc pipe and brackets including encasing in concrete floor slab
			no		D 15mm Diameter "peglers 1065" or other equal and approved brass gate valve
					Supply and fix as described the following including jointing to service, overflow, waste and soil pipes
		2			Sanitary fittings
			no	-	20mm Diameter
			-		Ball valves to B.S 1212 and floats to B.S. 2456 High pressure piston type ball valve with float and joints to pipe:-
			no	2	B 25mm Ditto
					<u>Screw down stop valve with wheel head and joints to pipe:-</u>
					Brass tap and stop valves to B.S. 2879 and B.S 1010
		÷	no	-	A 15mm Diameter
1					Connector 450mm girth with unions both ends jointed to galvanized mild steel tubing and fitting to nominal:-
					Flexible tubes
Cts	Shs	Rate	Unit	Qty	
					ř i

haring hamaa ward

いとう

I							\bigcirc				{	3			Þ	- (y.	
	<u>BILL NO. 1</u> BUILDER'S WORK	0	Brought down from above	Brought forward from page CA/1	COLLECTION					Allow for testing the installation to the ent and for replacing any	Testing	1 × 0					
í.	TOTAL CARRIED TO GRAND SUMMARY			n page CA/6	n page CA/5	n page CA/4	n page CA/3	n page CA/2	n page CA/1			•	•	Carried to collections	Allow for testing the whole of the plumbing installation to the entire satisfaction of the Engineer and for replacing any defective work free of charge		
1	14 C			ĸ									i je	ns			Qty
														ê.	item		Unit
						-											Rate
																	Shs
10 m (1000 - 100						-											Cts

						÷	1 12	- e •
<u>PROVISIONAL</u> <u>SUMS</u> <u>TO GRAND SUMMARY</u>			C Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=) for Contingencies	B Allow a Provisional Sum of Kenya Shillings Fifty Thousands only (Kshs 50,000/=) for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation)	A Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration	PROVISIONAL SUMS	BILL NO. 2	
		- -	50,000	50,000	50,000		shs	
			η.	1	1		Cts	

marinan hamaa waard

いい

1 11 11

WITNESS – NAME. ADDRESS. DATE. SIGNATURE.	CONTRACTOR. ADDRESS. DATE. SIGNATURE.	GRAND TOTAL CARRIED TO FORM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	3. BILL NO. 2 - PRIME COST AND PROVISIONAL SUMS PC/1	2. BILL NO. 1 - BUILDER'S WORK CA/7	1. PRELIMINARIES PP/10	ITEM PARTICULARS PAGE NO	<u>GRAND SUMMARY</u>	<u>RENOVATIONS OF EXISTING OFFICES</u>	PROPOSED RENOVATIONS OF EXISTING MARINGO/HAMZA WARD OFFICES
						×				e.		a
					1							Shs

haven under and

101

אואוחרים רודע אריו אודע אריד אחיי

MOUNTAIN VIEW WARD OFFICES PROPOSED RENOVATION OF BILL OF QUANT FOR Ξ ES

					292
				н	NO
To Collection PP/1	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm and shall apply equally to any other combination of figures expressed in a similar fashion. "m.s " shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre "m2" shall mean linear metre "m3" shall mean square metre "kgs" shall mean square hollow section "No" shall mean number	 'B.S.' shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England. ''Ditto'' shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets. 	Definition of Terms and Abbreviations Terms and abbreviations used in the Bill of quantities shall be interp as follows;-	elf before tend the works and prices shall co the things nece	DESCRIPTION GENERAL AND PARTICULAR PRELIMINARIES
	and a	d by nd. s	preted	ering for ver all ssary	
					KSHS.

\$2

							and an another state of the last sector of the state of the	
		تتا	D		C	ß		ITEM
In the event of the Surety named in the Form of tender not be approved by the Employer, the Contractor shall furnish within days another Surety to the approval of the Employer. No pays shall be made to the contractor before the said bond is provide contractor shall allow all the stamp charges in connection with Rond	contract amount for the due performance of the contract up to date of completion as certified by the Architect and who will, and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the sa as the Contract Agreement is signed.	<u>Performance Bond</u> The Contractor shall find and submit on the form of tender the of one Surety who shall be an established Bank, insurance Co or Fidelity Guarantee Corporation and who will be willing to bound to the Employer in an amount equal to five (5) percent	<u>Protection of Existing Property</u> The Contractor shall take every precaution to avoid damage to existing property on or adjacent to the site and he shall be rest for making good all such damage at his own expense.	damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall good to their satisfaction at the Contractor's expense.	<u>Protection of existing services</u> . The Contractor is to ascertain from the relevant authorities the position, depth and level of all existing electric cables, water other services passing under, over or above the Site and he shows that whatever provisions that may be required by the Authorities of the support and protection of cuch convices.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contracto storage and for the purpose of erecting workshops, etc., shall defined on the site by the Engineer or shown upon the site Pla	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads transport of materials required for the complete execution of Works including the provision of temporary culverts, crossin bridges or any other temporary structure Upon the completion of the Works the Contractor shall remo- temporary roads, culverts, bridges, etc., and make good and n all works and services disturbed to the satisfaction of the Eng	DESCRIPTION
ng seven nents d. The d. The	the when ne day	name npany oe of the) any oonsible	y d be made	exact bipes, or all ities	, for De n.	or the he sinstate	
					-			KSHS.
	In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.	date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract Agreement (without the addition of any limitations) on the same day as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the Bond.						

 $\overline{}$

r Ü

r t

9

Ø.

	נדז		D		C		t	IJ		A	ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Temporary Lighting and Power	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated subcontractors in included in the items of attendance).	Water for the Works	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense.	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Security of the Works	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer.	Protection of Public and Private Roads etc	DECRIPTION
			s es,				nd	×	SS I IS		KSHS.

 \bigcirc .

						:	•				
			D C	,			•	ជ	A	ITEM NO	
PP/4	To Collection	<u>GROUP</u> The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens the contractor shall ensure that not more than two thirds of the personel are from the same gender. Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns with the engineer indicating the name of employee, their designation, age, gender, and whether they are living with disability or not. The returns should reach the office of the engineer not later than 7 th day of every month.	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name boars size 1880 x 1,100 mm in conformity with a design prepared by the Engineer. EMPLOYMENT OF LOCAL PERSONNEL & THE MARCINAL FED.	No labour with the exception of the watchmen shall be housed upon Site.	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	Provide a properly ventilated lockable office, protected from the sun, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	Temporary Buildings Provide sheds for storage accommodation for all goods and materials to suffer damage from exposure to sunlight or inclement weather.	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay all charges in connection therewith.	DESCRIPTION	
		onable crience han two shall persons r returns or r returns n 7 th day	board	n the	ngineer's when no	engaged ouncil, /hen no	in, for square de a for the	als liable	upon the all pay all		
					-					KSHS.	
										L	

,	To Collection	The cor unauthc authoriz	Visitors to Site	F Public 1	553	Provide for the for mat		Provide scalffol adapt, c needed.	C. Genera	B. <u>Copy Right</u> The copy of Nairobi and Engineer's v	The co Engine any pla out this matter	A. <u>Advert</u>	
PP/5	ection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	
		out	, ,	e of ' or		essary sport	æ F	in, al		he	he bon arrying printed		
			2		5								

•

 \bigcirc

,

		\bigcirc					\bigcirc					٦,
					8							
											ITEM NO	
PP/6	To Collection	All works in this contract are liable to adjustment as they have been measured as "Provisional" in this Bill of Quantities, and no excavation or foundation work or other work so described shall be filled in or covered up until all measurements needed for the adjustment of variations under clause II of the conditions of contract have been made by the Engineer.	The whole of the works contained in this bill of Quantities is measured on the basis of the current standard methods of measurement of Building Works published by the Institution of Architectural Association of Kenya,.	Measurement of the Works	Allow for keeping all excavations free from general water.	Keeping excavations free from water	The Contractor shall, upon completion of the work, remove and clear away temporary buildings, work plant, rubbish, and unused materials, and shall leave the whole of the site, the works in a clean and tidy state to the satisfaction of the Engineer. He shall also remove all rubbish and dirt from the site as it accumulates or as directed by the Engineer. Particular care shall be taken in leaving windows clean and removing all paint and cement stains there from. On completion remove all broken scratched or cracked glass panes and replace with new.	Clearing away and making good	The contractor shall provide a tip or tips at his own expense for the disposal of all the rubbish collected when clearing the site and during the construction of the Work and also for any surplus material not required on the site. The tip sites shall be approved by the Medical Officer of Health.	Contractor's Tips	DESCRIPTION	
		n vered mder neer.	ured on Ing			1	ear als, and to the dirt dicular icular it and hed or		ng the nired on Health.			
									-		KSHS.	
		 									x	

											ITEM NO
PP/7	To Collection	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site whichper centum shall be added.	i) Labour: The prime cost of labour to which	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	Day works	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
		ngineer the	d shment		÷	nall be		s th P.C. items.	, or and king per	taining to show over quired.	
				-			×	-			KSHS.

£

ITEM	DECODIDITION		412442
NO			KSHS
	Nominated Sub-Contractors		
	The contractor shall be responsible for giving all necessary directions to nominated sub-contractors ascertaining their requirements, co-ordinating their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nominated	ns to nating le nated	
х 	sub-contractors clearly on his own behalf shall not pledge the credit of the Employer either directly or indirectly. In no case shall the contractor be deemed to be the agent of the Employer nor shall there be created any privity of contract as between the Employer and the nominated sub-contractor.	t of the or be ny	9.
-	The term "add for attendance" on nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on general and special attendance in the standard method of measurement hereinbefore described except that where "special scaffolding" is required to be provided by the contractor this shall be described separately.	shall be ral and fore provided	
	Direct contract work		
	The term "add for attendance" on direct contract work shall be deemed to include for all requirements contained in the same item for nominated sub-contract work previously described.	ned to ed sub-	
	<u>Training Levy</u>	-	
	The contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contractor of a training level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50,000/= in value and his tender must include for all cost arising or resulting there from.	er, f the ,000/= there	
	Conditions of Contract		
	Conditions of Contract applicable to this contract shall be these published by the Joint Buildings Council, Kenya 1999 Edition and contractor shall purchase two copies for execution of contract once they are awarded the	lished shall I the	
,		N 4	
		-	
	To Collection		
	PP/8		

 \square

 \bigcirc

		Т	لتا ا		D	· 0	ى ·	А	ITEM NO
<u>6/dd</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	<u>SALES TAX/VALUE ADDED TAX</u> The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	<u>INSURANCE</u> The contractor shall allow for insurance against, among other risks personal injury; loss of or damage to the works materials and plant, and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
				erials tect.	ons of ces of ined. t	ed tax is n.	obtain e the	and is of	
									KSHS.

Ŕ

						- 		Ć						ITEM NO	
PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	TOTAL FOR	Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/2	Page No. PP/1	Collection	M DESCRIPTION	
		ARIES			• • •								-		
			,											KSHS.	

ï

			-	
				Carried to collections
		item		F Carefully remove existing worn-out celotex ceiling including rotten brandering; load and cart away arising debris (Approximately area- 78 square metres)
				Demolitions (Provisional)
				<u>CEILING FINISHES</u>
		lm	50	E 100 x 10mm thick skirting with rounded top ditto
		sm	69	D 300 x 300 x 10mm thick floor tiles fixed with an approved adhesive on prepared screed (m/s)
				Approved non slip coloured ceramic floor tiles from an approved stockist
		sm	69	C 30mm thick screed prepared to receive ceramic floor tiles (m/s)
-				Cement/Sand (1:3) in:
				FLOOR FINISHES
		sm	=	B Previously painted walls surfaces measured overall doors and windows; externally
				Thoroughly rub off previously painted surfaces of all dust, prepare and apply three coats as "Crown" or other equal and approved quality external paint on:
		sm	192	Vreviously painted walls surfaces measured overall doors and windows; internally
			•	Thoroughly rub off previously painted surfaces of all dust, prepare and apply three coats as "Crown" or other equal and approved plastic emulsion paint on:
				Painting
	-		_	WALL FINISHES
				BILL NO. 1 BUILDER'S WORK
				GENERAL RENOVATION WORKS
Amt (KShs.)	Rate	Unit	Qty	PROPOSED GENERAL RENOVATIONS OF MOUNTAIN VIEW WARD OFFICES

mountain view ward

U X J

		a.						\cap		\cap		Β	A	10-	l í
n x n	BILL NO. 1 BUILDER'S WORK GRAND SUMMARY	Brought down from above	Brought forward from page CA/1	COLLECTION					Carried to collections	General surfaces of gypsium ceiling boards	Prepare and apply one undercoat and two finishing coats of plastic emulsion paint on:	100 x 25mm ditto cornices ditto	13mm thick moulded gypsium ceiling boards internally fixed to existing timber brandering	Ceiling boards	
					×				ections		<u>s of</u>		xed to		
						. *				101		101	78		Qty
					· · · · · · · · · · · · · · · · · · ·					sm		lm	sm		Unit
1											-				Rate
į				4			 			2					
				· · ·											Amt (KShs.)

0	\bigcirc		\bigcirc			с. D
<u>PROVISIONAL</u> <u>TOTAL CARRIED</u> <u>SUMS</u> <u>TO GRAND SUMMARY</u>		C Provide a Provisional Sum of Kshs One Hundred and Fifty Thousands only (Kshs. 150,000/=) for Contingencies	B Allow a Provisional Sum of Kenya Shillings Fifty Thousands only (Kshs 50,000/=) for Electrical Installations (Re-wiring, conduiting and upgrading of existing electrical installation)	A Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration	PROVISIONAL SUMS	BILL NO. 2
		150,000.00	50,000.00	50,000.00		Amt (Kshs.)

mountain view und

いつい

1-

) }~

l.

Ins OF EXISTING OFFICES NS OF EXISTING OFFICES PARTICULARS PARTICULARS PARTICULARS PARTICULARS PARTICULARS PARTICULARS PARTICULARS PARTICULARS PARTICULARS PARTICULARS PARTICULARS PARTICULARS PA			(C	\supset			ų.
OF MOUNTAIN VIEW WARD PAGE NO PP/10 CA/2 CA/2 I6% V.A.T. TAL CARRIED TO FORM OF TENDER	WITNESS – NAME ADDRESS DATE SIGNATURE	CONTRACTOR ADDRESS DATE SIGNATURE					BILL NO. 2 -	BILL NO. 1 -		ITEM	<u>GRAND SUMMARY</u>	<u>RENOVATIONS OF E</u>	
-TOTAL ADD:- ENDER ENDER			GRAND TOTA				RIME COST AND ROVISIONAL SUMS	UILDER'S WORK	RELIMINARIES	PARTICULARS		EXISTING OFFICES	L RENOVATIONS OF
-TOTAL ADD:- ENDER ENDER			CARRIED TO				РС	ç	P	PAG	•		MOUNTAIN VIEW
Amt				16% V.A.T.	ADD:-	SUB-TOTAL	5	4/2	P/10	<u>GE NO</u>			V WARD
				÷									Amt (Kshs.)

 Eq.

PROPOSED RENOVATION OF MATHARE NORTH WARD **BILL OF QUANTITIES** OFFICES FOR

8. 2

15 N

		(\bigcirc					
			5 							NO	P
	PP/1	"m2" shall mean square metre "m3" shall mean cubic metre "kgs" shall mean square hollow section "No" shall mean number	"n.e" shall mean not exceeding "100-200"mm shall mean over 100mm and not exceeding 200mm and shall apply equally to any other combination of figures expressed in a similar fashion. "m.s " shall mean measured separately "mm" shall mean linear millimeter "m1" shall mean linear metre	"Ditto" shall mean the whole of the preceeding description except as qualified in the section in which it occurs. Where it occurs in brackets it shall mean the whole of the preceeding description which is contained within the appropriate brackets.	'B.S" shall mean the current British Standard specification published by the British standards institutions, 2 park Street, London W.1, England.	Terms and abbreviations used in the Bill of quantities shall be interpreted as follows;-	Definition of Terms and Abbreviations	The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and for rate and the priced Bill of Quantities which rates and prices shall cover all his obligations under the contract and all matters and the things necessary for the proper completion and maintenance works	GENERAL AND PARTICULAR PRELIMINARIES	DESCRIPTION	
-			n and	ى م	ed by Ind.	preted		dering d for over all essary			
										KSHS.	
	4		×								

. 5 P

10(as the In the appro days a shall the contra	bour cont date and	E <u>Perf</u> The of o or F	D <u>Prot</u> The exis for 1	C <u>Prot</u> The posi othe con dam imm	B <u>Are</u> The stor defi	A Ten The tran Woi brid Upc tem all v	ITEM	
10 Collection	as the Contract Agreement is signed In the event of the Surety named in the Form of tender not being approved by the Employer, the Contractor shall furnish within seven days another Surety to the approval of the Employer. No payments shall be made to the contractor before the said bond is provided. The contractor shall allow all the stamp charges in connection with the	bound to the Employer in an amount equal to five (5) percent of the contract amount for the due performance of the contract up to the date of completion as certified by the Architect and who will, when and if called upon, sign a Bond to that effect on the Contract A greement (without the addition of one limitation) on the contract	Performance Bond The Contractor shall find and submit on the form of tender the name of one Surety who shall be an established Bank, insurance Company or Fidelity Guarantee Corporation and who will be willing to be	Protection of Existing Property The Contractor shall take every precaution to avoid damage to any existing property on or adjacent to the site and he shall be responsible for making good all such damage at his own expense.	<u>Protection of existing services</u> . The Contractor is to ascertain from the relevant authorities the exact position, depth and level of all existing electric cables, water pipes, or other services passing under, over or above the Site and he shall make whatever provisions that may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Engineer and the relevant Authority shall be made good to their satisfaction at the Contractor's expense.	<u>Area to be occupied by the Contractor</u> . The area of the site, which may be occupied by the Contractor for storage and for the purpose of erecting workshops, etc., shall be defined on the site by the Engineer or shown upon the site Plan.	<u>Temporary Roads Etc</u> The Contractor shall allow for building any temporary roads for the transport of materials required for the complete execution of the Works including the provision of temporary culverts, crossing, bridges or any other temporary structure Upon the completion of the Works the Contractor shall remove such temporary roads, culverts, bridges, etc., and make good and reinstate all works and services disturbed to the satisfaction of the Engineer.	DESCRIPTION	
	ng ng 1 seven nents od. The 1 the	of the the when	e name mpany be	o any ponsible	e exact pipes, or all itties itties d d	r for be ın.	for the		
			1		· · ·			KSHS.	

 \mathcal{D}

ことを

1

	IJ	D	0		υ		A	ITEM NO
To Collection PP/3	Provide all temporary and lighting and power for the Works as required together with all fitting, and pay all charges in connection therewith. (Provision of lighting and power for nominated sub-contractors is included in the items of attendance.	Provide water for the whole of the Works including all necessary services, storage and distribution from existing N.C.C. supply and pay all charges in connection therewith. (Provision of water for nominated sub- contractors in included in the items of attendance). <u>Temporary Lighting and Power</u>	The Contractor shall protect the whole of the works from inclement weather and he shall be responsible for making good all such damage at his own expense. <u>Water for the Works</u>	Protection of the Works	The contractor shall be entirely responsible for the security of all Works, stores, materials, plants, personnel, etc., both his and sub-contractor's and shall provide all necessary watching, lighting and other precautions as necessary to ensure the security of all the Works.	Should the Contractor by his operation interfere in any way with the existing means of access to a dwelling house, shop, footpath, street (private or public), or the works or lands of the employer or other persons or bodies, he shall at his own expense provide other suitable temporary access in lieu of the access severed or interfered with and when directed shall properly fence off and protect any such existing or temporary access until work shall be done to the satisfaction of the Engineer. <u>Security of the Works</u>	Protection of Public and Private Roads etc	DECRIPTION
х. 		rvices, 1rges	3e at		orks, 's and as	e ersons ary access		
							e	KSHS.

.

v Šⁱ - K Či

Ϊ.

6			2
ITEM NO	DESCRIPTION		KSHS.
A	<u>Telephone</u> The contractor shall arrange for, provide and maintain a telephone upon the Site from the commencement to completion of the contract and shall pay al charges in connection therewith.	pon the pay all	
в	<u>Temporary Buildings</u> Provide sheds for storage accommodation for all goods and materials liable to suffer damage from exposure to sunlight or inclement weather.	s liable	
	Provide a properly ventilated lockable office, protected from the sur, for the Engineer's representative, having a minimum floor area of 14 square metres with a concrete or timber floor and glazed windows. Provide a 1,600 x 760 mm desk with artificial lighting and cleaning facilities for the duration of the Works.	, for uare a or the	
	Provide sanitary facilities as necessary for the use of work people engaged on the Site, in accordance with the requirements of Nairobi City Council, and maintain the whole in a clean and sanitary condition remove when no longer required and reinstate the area as directed.	ıgaged ıncil, en no	
	Provide lockable sanitary accommodation for the sole use of the Engineer's representative, maintain in a clean and sanitary condition, remove when no longer required and reinstate the areas as directed	gineer's hen no	
	No labour with the exception of the watchmen shall be housed upon the Site.	the	
C	<u>Notice Boards</u> The Contractor is to erect on possession of the Site a painted name is size 1880 x 1,100 mm in conformity with a design prepared by the Engineer.	board	
D	EMPLOYMENT OF LOCAL PERSONNEL&THE MARGINALIZED	ZED	
	The contractor is encouraged to the extent where practible and reasonable to employ staff and labour with appropriate qualifications and experience who are Kenyan citizens.the contractor shall ensure that not more than two thirds of the personel are from the same gender.Also the contractor shall ensure that 30% of the vacancies are reserved for youth, women and persons living with disabilities. The contractor shall be filing monthly labour returns	onable rience nan two shall persons r returns	
	with the engineer indicating the name of employee, their designation, age, gender, and whether they are living with disability or not. The returns should reach the office of the engineer not later than 7 th day of every month.	or n 7 th day	
	To Collection		
	PP/4		~

 \bigcirc

27		aul		F P P		r . ft			C.	B. E V TO		A. <u>A</u>	ITEM D
PP/S	To Collection	The contractor is required to control all visitors to the site and to keep out unauthorized visitors and to provide a visitors' book and ensure that all authorized visitors sign therein.	Visitors to Site	The contractor shall submit for the approval of the Engineer a schedule of proposed working hours. No work shall be carried out on any Sunday or Public Holiday without the written permission of the Engineer.	Working Hours	Provide all labour, materials, plant, tools, vehicles and everything necessary for the efficient execution and completion of the works including transport for materials and workmen to and from the site	Labour, Material etc	Provide and erect all necessary general scaffolding comprising of metal scalffolds or movable crane during the course of the work and maintain, adapt, dismantle and re-erect as required and remove when no longer needed.	General Scaffolding	<u>Copy Right</u> The copy of these Bills of Quantities is vested in the City Council of Nairobi and they may not be reproduced in whole or in part without the Engineer's written permission	The contractor shall not allow, except with the consent in writing of the Engineer, bill posting or advertising of any kind upon the works or upon any place of which the contractor has possession for the purpose of carrying out this contract, or take publish or advertise any photographs or any printed matter or use name of the Engineer in relation to the contract.	Advertisements	DESCRIPTION
		out		e of or		ssary port		5			n ying inted	÷	30
				, 1,									KSHS.

(

|--|

(

 \bigcirc

											ITEM NO
PP/7	To Collection	Day works will be allowed only where specifically ordered by the Engineer in writing. All Day work sheets must be signed by the Engineer and the contractor or their authorized representatives.	These percentage additions shall cover all insurances, use of tools and plant, sharpening tools, wear, supervision, watching lighting, establishment and overhead charges and profit.	Materials: The prime cost of materials delivered to site whichper centum shall be added.	i) Labour: The prime cost of labour to whichper centum shall be added.	Day work ordered under clause 11(4) of the conditions of contract shall be executed at the following rates: -	<u>Day works</u>	The Contractor shall be deemed to have made allowance in his prices generally to cover items of preliminaries, expenses in connection with P.C. Sums or other items, if these have not been priced against respective items.	The rates set down by the contractor against each item in the Bill of Quantities shall, unless otherwise expressly provided to the contrary, or unless there is a separate item for the extra labour, cutting and waste, be held to include for waste on materials, carriage, cartage, carrying in and return of empties, hoisting, setting, fitting and fixing in position, making good and all other labours and everything else necessary for the proper completion of each item and for establishment charges and profit	All items of measured work shall be priced in detail and tenders containing lump sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted. Lump sums to cover several items of preliminaries likewise shall be broken down if so required.	DESCRIPTION
		ngineer the	shment	34	:	nall be		s th P.C. items.	or be and cing er	aining o show over quired.	
									-		KSHS.

1 5 6

NO DESCRIPTION XSHS NO Nominated Sub-Contractors Section 1 The contractor shall be responsible for giving all necessary directions to nominated sub-contractors secretarining their requirements, co-ordinating their work and arranging for them to be on site a groper time for the contractors clearly on his own behalf shall not picking the contractor be deemed to be the agent of the Employer and the nominated sub-contractors clearly or indirectly. In no case shall there be created any privity of contract as between the Employer and the nominated sub-contractors works shall be deemed to include for all requirements contained in clauses on genetal and general to include for all requirements contained in clauses on genetal and system and the romate of the second that where "special starfielding" is required to be provided by the contractor this shall be described separately. Direct contract work Intervent and for attendance" on direct contract work shall be deened to include for all requirements contained in the same term for nominated sub-contract work, shall be deened to include for altendance" on all contracts of more than where "special starfielding" is required to be provided by the contractor's attention is drawn to legal notice No. 237 of October, 1971 which requires payment by the contract or of a maining level of the rate of 0.25% of contract sum on all contracts of more than Kshs.50000 ⊨ in value and his tender must include for all cost arising or resulting there from. Conditions of Contract applicable to this contract once they are awarded the contract. Yes the second the set of 0.237 of October, 1000 ⊨ in value and his tender must include for all cost arising or resulting there from. Conditions of Contract	-													
ated ated of the r be r be shall be rovided ore rovided here here here the lished hall here		3											ITEM NO	
d d e			Conditions of Contract applicable to this contract shall be these pub by the Joint Buildings Council, Kenya 1999 Edition and contractor s purchase two copies for execution of contract once they are awarded contract.	Conditions of Contract	The contractor's attention is drawn to legal notice No. 237 of Octobe 1971 which requires payment by the contractor of a training level of rate of 0.25% of contract sum on all contracts of more than Kshs.500 in value and his tender must include for all cost arising or resulting the form.	Training Levy	The term "add for attendance" on direct contract work shall be deem include for all requirements contained in the same item for nominate contract work previously described.	Direct contract work	The term "add for attendance" on nominated sub-contractors works deemed to include for all requirements contained in clauses on gener special attendance in the standard method of measurement hereinbed described except that where "special scaffolding" is required to be publy the contractor this shall be described separately.	sub-contractors clearly on his own behalf shall not pledge the credit Employer either directly or indirectly. In no case shall the contractor deemed to be the agent of the Employer nor shall there be created an privity of contract as between the Employer and the nominated sub- contractor.	The contractor shall be responsible for giving all necessary direction nominated sub-contractors ascertaining their requirements, co-ordina their work and arranging for them to be on site at proper time for the ordered progress of the works. He shall place all orders with nomina	Nominated Sub-Contractors	DESCRIPTION	
KSHS			ished hall the		er, the 000/= here		ned to a sub-		shall be ral and ore rovided	of the r be ıy	ating ated			
				2	-								KSHS	

 \bigcirc

1 9 G 0

~

		Ţ	IJ		D	· 0	. œ	А	ITEM NO
<u>9/44</u>	To Collection	<u>NEMA REPORT</u> The contractor shall allow for all costs arising from preparation of Environmental Impact Assessment (E.I.A) report as required by NEMA.and issurance of E.I.A.Certificate.	<u>NCA REGISTRATION</u> The contractor shall allow for all costs arising from registration of the contract with National Construction Authority.	The contractor shall be paid on monthly basis for work done and materials on site upon issue of a certificate by the Quantity Surveyor and Architect.	"FIXED' PRICE This is a fixed price contract and the fluctuation clause in the conditions of contract shall be deleted. No claim (s) with respect to increase in prices of Building materials, labour costs, or local currency etc shall be entertained. The Contractor is deemed to have included the above items in his unit rates.	<u>SALES TAX/VALUE ADDED TAX</u> The contractor's attention is drawn to the sales tax and the value added tax acts on most recent and any subsequent amendments thereafter and his tender is deemed to include for all costs arising or resulting there from.	<u>SAMPLES AND TESTING</u> Allow for carrying out tests on the materials and construction. The contractor shall also provide every facility to enable the Engineer to obtain samples and carry out tests on the materials and construction. If these tests show that any of materials or construction does not comply with the with the requirements of these preambles, the contractor will be responsible for the cost of the tests and the replacement of defective materials and or construction.	INSURANCE The contractor shall allow for insurance against, among other risks, personal injury; loss of or damage to the works materials and plant; and loss of and damage to the property as per clause 15 of the conditions of contract.	DECRIPTION
			ξb	erials itect.	ons of ces of lined.	ed tax is n.	obtain e 1 the	of	
							*		KSHS.

 \supset

1 2 5

					 										ITEM NO	
	PP/10	CARRIED TO GRAND SUMMARY	GENERAL CONDITIONS AND PRELIMINARIES	TOTAL FOR	Page No. PP/9	Page No. PP/8	Page No. PP/7	Page No. PP/6	Page No. PP/5	Page No. PP/4	Page No. PP/3	Page No. PP/ 2	Page No. PP/1	Collection	DESCRIPTION	
	A							·	л. м							
				-											KSHS.	

1 2 C 0 1

· · · · · · · · · · · · · · · · · · ·				
				Carried to collections
		2.		
	Anton Marine	no	4	I Make 75mm diameter hole in gutter
		no	4	H Extra over gutters for stopped ends
	Service of the	no	4	G Extra over ditto for 75mm diameter down pipe outlet
		Ξ	24	F 28 gauge 125 x 100mm U-shaped pre-painted gutter fixed to steel roof structure (m/s) with and including approved brackets
200	1			Rain water goods
		lm	34	E 250 x 25mm fascia and barge board with one labour
				Wrot prime grade cypress
		lm	12	D Ridge cap fixed to match laid with 150mm end laps
		sm	125	C Sheet covering to pitched roof
				<u>Gauge 28 pre-painted IT4 profile sheets fixed to purlins (m/s)</u> <u>with and including weathered rust proof screw bolts 75mm</u> <u>long with plastic cap laid with 300mm side and 150mm end</u> <u>laps as supplied by "Mabati Rolling Mills" or other equal and</u> <u>approved and fixing to timber purlins</u>
			×	Roof covering
		lm	125	B 75 × 50mm purlins (provisional)
				Sawn celcured second grade cypress:-
		item		A Carefully remove existing worn-out asbestos tiles including ridge and hip caps, rotten fascia/barge boards and gutters, brandering; load and cart away arising debris (Approximately area- 125 square metres)
				Demolitions (Provisional)
		2 2		<u>RE-ROOFING</u>
		í.		BILL NO. 1 BUILDER'S WORK
				<u>FOR THE NAIROBI CITY COUNTY ASSEMBLY - MATHARE</u> <u>NORTH WARD</u>
10	Rate	Unit	Qty	

_

		-		I		5	П		ш	D		0	\bigcirc			B	⊳		1.	3 (3 F	ĥ
Carried to collections		Prime back of frame before fixing not exceeding 100mm girth	Painting and decorating	100 x 25mm moulded cornice with six labours	Wrot celcured cypress in:	Extra over cellotex ceiling in 600 x 600mm access door including the necessary framework and hinges	13mm thick cellotex ceiling boards internally fixed with symmetrical V-jointed patterns to existing timber brandering	Ceiling boards	100 x 50mm plugged ditto	50 x 50mm brandering (provisional)	Sawn celcured second grade cypress:-	Carefully remove existing worn-out celotex ceiling including rotten brandering; load and cart away arising debris (Approximately area- 34 square metres)	Demolitions (Provisional)	NB:- M.C.A.'s OFFICES AND CORRIDOR ONLY	<u>CEILING FINISHES</u>	Ditto; externally (entire office block)	Previously painted wall surfaces measured overall over all doors and windows surfaces; internally	Thoroughly scrub down previously painted surfaces of all dust, prepare and apply three coats of "Crown" or other equal and approved gloss oil paint on:	Painting and decorating	WALL FINISHES	
		64		49		2	34		15	34					k.	110	118				Qty
		lm		lm	(4).	no	sm		lm	lm		item				sm	sm				Unit
							5														Rate
												•									Amt (Kshs.)

Qty Unit Rate Amt (Kshs.) Prepare and apply one undercoat and two finishing coats of plastic emulsion paint on: 34 sm sm Ceneral surfaces of cellotex ceiling boards 34 sm sm sm Timber surface 100 - 200mm girth 49 lm lm lm comprising 50 × 50 × 30 mm RHS plugged frame all round: sm sm
Qty Unit Rate Amt 34 sm 34 sm 34 sm 1m 1m 1 9 no 1m 9 sm sm 1m 1 sm sm sm 30mm 3 sm sm
Qty Unit 34 sm 49 lm 49 lm 7 9 8 sm 9 sm 1 sm 9 sm 1 sm 9 sm 1 sm 1 sm 1 sm 1 sm 1 sm 1 sm
Qty Unit Rate Amt ing coats of or to include all round: all round: ing coats of ing coats of equal and 34 sm 49 Im 34 sm 49 Im 49 Im 49 Im string coats of into masomry ork all round 1 sm 49 sm 40 <td< td=""></td<>
Qty Unit Rate Amt ing coats of 34 sm 49 lm 40 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1<
Qty Unit 3 1 9 2 49 49 1 9 3 sm 6 sm 8m sm 6 sm
sm sm no no Ant
Amt
Amt
Amt
Amt (Kshs.)
vmt (Kshs.)
(shs.)

) : :

B	B	B	B	<u>B</u>			×		-	B St ac		e ei	A 30 ar in	5	- K 6 H
rought down fror	rought forward fr	rought forward fr	rought forward fr	rought forward fr	OLLECTION					upply and fix app omplete with all r ccessories to wind	urtains/blinds	oth rods at 50mn ither side of curta qual and approve	Omm diameter m nd 25mm diamet ıcluding 50mm di	<u> 1etal work</u>	· ·
n above	om page CA/4	om page CA/3	om page CA/2	om page CA/1	-					roved vertical necessary oper ow openings :		n centres; com in rod; wroug d	oulded wroug er x 2mm thicl ameter circula		
									Carrie	screening curta ing and closing all to approval		plete with bask nt iron as "Iron	ht iron single c < mild steel pip r curtain and sl		
									d to collections	ains/blinds g gears and (Provisional)		ket end on Art" or other	urtain rail/rod be for sheers; heer hooks to		
										4	-	ω	~		Qty
										Sm		lm			Unit
															Rate
									1		×				
															Amt (Kshs.)
	Brought down from above	Brought forward from page CA/4 Brought down from above	Brought forward from page CA/3 Brought forward from page CA/4 Brought down from above	Brought forward from page CA/2 Brought forward from page CA/3 Brought forward from page CA/4 Brought down from above	Brought forward from page CA/1 Brought forward from page CA/3 Brought forward from page CA/4 Brought down from above	COLLECTION Brought forward from page CA/1 Brought forward from page CA/3 Brought forward from page CA/4 Brought down from above	COLLECTION drought forward from page CA/1 Brought forward from page CA/3 Brought forward from page CA/4 Brought down from above	COLLECTION Brought forward from page CA/1 Brought forward from page CA/2 Brought forward from page CA/3 Brought forward from page CA/4 Brought down from above	COLLECTION COLLECTION Brought forward from page CA/1 Brought forward from page CA/3 Brought forward from page CA/4 Brought down from above	COLLECTION COLLECTION Brought forward from page CA/1 Brought forward from page CA/2 Brought forward from page CA/3 Brought forward from page CA/4 Brought down from above	Supply and fix approved vertical screening curtains/blinds 4 complete with all necessary openings all to approval (Provisional) 4 accessories to window openings all to approval (Provisional) 4 COLLECTION Carried to collections Prought forward from page CA/1 1 Brought forward from page CA/2 1 Brought forward from page CA/4 1 Brought down from above 1	Supply and fix approved vertical screening curtains/blinds complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional) COLLECTION COLLECTION Brought forward from page CA/1 Brought forward from page CA/2 Brought forward from page CA/4 Brought down from above	both rods at 50mm centres: complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved vertical screening curtains/blinds complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional) COLLECTION COLLECTION Brought forward from page CA/1 Brought forward from page CA/3 Brought forward from page CA/4 Brought forward from page CA/4	30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers; lincluding 50mm centres; complete with basket end on etither side of curtain rod; wrought iron as "Iron Art" or other equal and approved vertical screening curtains/blinds complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional) accessories to window openings accessories to a	Metal.work 30mm diameter moulded wrought iron single curtain rail/rod and 25mm diameter x 2mm thick mild steel pipe for sheers: including 50mm centres; complete with basket end on either side of curtain rod; wrought iron as "Iron Art" or other equal and approved vertical screening curtains/blinds complete with all necessary opening and closing gears and accessories to window openings all to approval (Provisional) 3 Collections Carried to collections 4 Prought forward from page CA/1 Carried to collections 4 Brought forward from page CA/3 Brought forward from page CA/4 4 Brought down from above CA/4 6

		\bigcirc						7 F	5 I. NA
				\cap	ω	A	*		T
SUMS TO GRAND SUMMARY	PROVISIONAL TOTAL CARRIED		for Contingencies	Provide a Provisional Sum of Kshs Fifty Thousands only (Kshs. 50,000/=)	Allow a Provisional Sum of Kenya Shillings One Hundred and Fifty Thousands only (Kshs 150,000/=) for Electrical Installations (Re- connection, Re-wiring, conduiting and upgrading of existing electrical installation)	Allow a Sum of Fifty Thousands only (Kshs. 50,000/=) for Contract Administration	PROVISIONAL SUMS	BILL NO. 2	
	17					-			
				50,000.00	150,000.00	50,000.00		Amt (Kshs.)	

•

4

2)

או אוחרחו רודע לרו ואודע אררבאנסו ע

-			(1971		
	WITNESS – NAME ADDRESS DATE SIGNATURE	CONTRACTOR ADDRESS DATE SIGNATURE					3. BILL NO. 2 -	2. BILL NO. 1 -		ITEM	GRAND SUMMARY	RENOVATIONS O	<u>PROPOSED RENOV</u> NAIROBI CITY CO	
			GRAND TOT				PRIME COST AND PROVISIONAL SUMS	BUILDER'S WORK	PRELIMINARIES	PARTICULARS	×	RENOVATIONS OF EXISTING OFFICES	PROPOSED RENOVATIONS OF EXISTING WARD OFFICES FOR THE NAIROBI CITY COUNTY ASSEMBLY - MATHARE NORTH WARD	
			GRAND TOTAL CARRIED TO FORM OF					Q	P	<u>PA</u> (<u>g ward offices fo</u> Athare North W <i>i</i>	
			RM OF TENDER	16% V.A.T.	ADD:-	SUB-TOTAL	PC/1	CA/5	PP/10	PAGE NO			 OR THE	_
													- Amt (Kshs.)	

matare.north.ward.

CS/1

NAIROBI.CITY.COUNTY.ASSEMBLY.