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Stima Plaza, Kolobot Road, Nairobi, Kenya

Our Ref: KP1/9A.2/OT/094/CS/23-24 /JN/lt
Your Ref:

Date: 14th May, 2024

TO:
ALL PROSPECTIVE BIDDERS

Dear Sirs/ Madams

**RE: ADDENDUM NO.1 TO THE TENDER NO. KP1/9A.2/OT/094/CS/23-24 FOR
PROCUREMENT OF CONSTRUCTION AND FABRICATION OF WALL WRAP
FRAMES IN ELECTRICITY HOUSE NAIROBI, MOMBASA AND KISUMU**

Please refer to the above Tender. The following clarifications and amendments are made to the Principal Tender Document (hereinafter abbreviated as the PTD) for Procurement of Construction and Fabrication of Wall Wrap Frames in Electricity House Nairobi, Mombasa And Kisumu.

1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT

Save where expressly amended by the terms of this Addendum, the PTD shall continue to be in full force and effect. The provisions of this Addendum shall be deemed to have been incorporated in and shall be read and construed as part of the PTD.

**2. SECTION III – PRELIMINARY & TECHNICAL EVALUATION UNDER
PARAGRAPH 35 OF THE ITT,**

- a) Preliminary Evaluation criteria has been amended as follows;
 - 3.2 (a) Submission and considering the Form of Tender, (duly completed and signed) (**Appendix 1**)
 - 3.2 (f) Submission and considering FORM EXP 4.1 instead of FORM EXP 4.2 (a) (duly completed and signed).
- b) Technical Evaluation criteria has been amended to include Clause 3.2.4 to read as follows;
 - Registration with NCA Category 1 to 6 (with valid practicing certificate) in the relevant field applicable to Building or Mechanical.

c) Financial Evaluation criteria

3.4.1 (a) Confirmation of and considering bill of quantity (including particular preliminaries), all line items are duly completed and signed. BOQ has been amended as shown in **(Appendix 2)**.

3. SECTION V – SCHEDULE OF REQUIREMENTS

PART B – Detailed Technical Specifications has been amended as **(Appendix 3)**

4. DRAWINGS

The following drawings have been included for Electricity House Nairobi and Mombasa. **(Appendix 4)**.

TENDER CLOSING DATE

The tender closing date shall be extended from **15th May, 2024 at 10.00 a.m** to **22nd May 2024 at 10.00 a.m**. Bidders are requested to extend their tender securities. The procuring entity will open the bids online through our E- Procurement Web- Portal at 10.30 am on the closing day at Stima Plaza, 3rd floor, Supply Chain meeting room.



DR JOHN NGENO, OGW
GENERAL MANAGER, SUPPLY CHAIN AND LOGISTICS

SECTION IV - TENDERING FORMS

FORM OF TENDER

To:

The Kenya Power & Lighting Company Plc,
Stima Plaza,
Kolobot Road, Parklands,
P.O Box 30099 – 00100,
Nairobi, Kenya

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

Tender Nameand Tender Number:

To:

THE KENYA POWER & LIGHTING COMPANY PLC
P.O. Box 30099-00100
Nairobi

- a) **No reservations:** We have examined and have no reservations to the Tendering document, including Addenda issued in accordance with ITT 8;
- b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITT 4;
- c) **Tender-Securing Declaration:** We have not been suspended nor declared ineligible by KPLC based on execution of a Tender Securing Declaration or Proposal-Securing Declaration in Kenya in accordance with ITT 4.7;
- d) **Conformity:** We offer to provide design, supply and installation services in conformity with the Tendering document of the following:
_____ *[insert a brief description of the Plant, Design, Supply and Installation Services];*
- e) **Tender Price:** The total price of our Tender, excluding any discounts offered in item (f) below is: _____ *[Insert one of the options below as appropriate]*

Option1, in case of one lot: Total price is: *[insert the total price of the Tender in words and figures, indicating the various amounts and the respective currencies];*

Or Option 2, in case of multiple lots: (a) Total price of each lot *[insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies];* and (b) Total price of all lots (sum of all lots) *[insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies];*

- f) **Discounts:** The discounts offered and the methodology for their application are:
 - i) The discounts offered are: *[Specify in detail each discount offered.]*
 - ii) The exact method of calculations to determine the net price after application of

discounts is shown below:

[Specify in detail the method that shall be used to apply the discounts];

- g) **Tender Validity Period:** Our Tender shall be valid for the period of ----- days as specified in TDS 19.1 (as amended if applicable) from the date fixed for the Tender submission deadline specified in TDS 23.1 (as amended if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- h) **Performance Security:** I four Tender is accepted; we commit to obtain a Performance Security in accordance with the Tendering document;
- i) **One Tender Per Tenderer:** We are not submitting any other Tender (s) as an individual Tenderer, and we are not participating in any other Tender (s) as a Joint Venture member, and meet the requirements of ITT 4.3, other than alternative Tenders submitted in accordance with ITT 13;
- j) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension. Further, we are not ineligible under the Kenya laws or official regulations or pursuant to a decision of the United Nations Security Council;
- k) **State-owned enterprise or institution:** *[select the appropriate option and delete the other]* [We are not a state- owned enterprise or institution]/ [We are a state-owned enterprise or institution but meet the requirements of ITT 4.6];
- l) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Tendering process or execution of the Contract: [insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity]

Name of Recipient	Address	Reason	Amount

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

- m) **Binding Contract:** We understand that this Tender, together with your written acceptance thereof included in your Form of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- n) **Not Bound to Accept:** We understand that you are not bound to accept the lowest evaluated cost Tender, the Best Evaluated Tender or any other Tender that you may receive; and
- o) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption.
- p) **Collusive practices:** We hereby certify and confirm that the tender is genuine, non-collusive and made with the intention of accepting the contract if awarded. To this effect we have signed the "Certificate of Independent Tender Determination" attached below.
- q) **Code of Ethical Conduct:** We undertake to adhere by the Code of Ethical Conduct for Persons Participating in Public Procurement and Asset Disposal Activities in Kenya, copy available from www.pppra.go.ke during the procurement process and the execution of any resulting contract.
- r) We, the Tenderer, have fully completed and signed the following Forms as part of our Tender:
 - (i) Tenderer's Eligibility; Confidential Business Questionnaire – to establish we are not

in any conflict to interest.

- (ii) Certificate of Independent Tender Determination – to declare that we completed the tender without colluding with other tenderers.
 - (iii) Self-Declaration of the Tenderer – to declare that we will, if awarded a contract, not engage in any form of fraud and corruption.
 - (iv) Declaration and commitment to the code of ethics for Persons Participating in Public Procurement and Asset Disposal Activities in Kenya,
- s) Further, we confirm that we have read and understood the full content and scope of fraud and corruption as informed in “**Appendix 1- Fraud and Corruption**” attached to the Form of Tender.

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

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

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

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

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

(2)

NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)
BILL NO. 1 PRELIMINARY PARTICULARS		
A	NAME OF PARTIES	
	The "Employer" is : Kenya Power & Lighting Co. Ltd P.O. Box 30099 - 00100 <u>NAIROBI</u>	
	The term "Employer" and "Kenya Power" and "Kenya Power & Lighting Co. Ltd" wherever used in the contract document shall be synonymous	
	The "Project Manager" is : The Manager, Administration & Property, HR& Administration Kenya Power & Lighting Co. Ltd P.O. Box 30099 - 00101 <u>NAIROBI</u>	
	The "Project Officer" is : The Kenya Power Principal Projects Officer Administration & Property, HR& Administration Kenya Power & Lighting Co. Ltd P.O. Box 30099 - 00101 <u>NAIROBI</u>	
	The "Project Quantity Surveyor" is : The Kenya Power Quantity Surveyor, Administration & Property, HR& Administration Kenya Power & Lighting Co. Ltd P.O. Box 30099 - 00101 <u>NAIROBI</u>	
B	DESCRIPTION OF SITE	
	The sites are located at Kenya Powers owned facilities in Nairobi, Mombasa and Kisumu in the respective counties and within the CBD areas	
	The Contractor shall obtain the Project Manager's approval for the siting of all temporary buildings, spoil heaps, temporary paths and storage areas for materials.	
	The Contractor shall visit the Site to acquaint himself with its nature and position, the nature of the ground, substrata and other local conditions, position of power and water supplies, access roads or any other limitations, and no claims for extras will be considered on account of lack of knowledge in this respect.	
	The Contractor must obtain the Project Manager's approval and directions regarding the use of any materials found on the site.	
C	ACCESS TO SITE	
	Access to site shall be as directed by the Project Manager. The Contractor shall strictly observe police & NTSA regulations regarding traffic movement.	
Preliminaries	Carried to collection	KShs.

Contractor's official Rubber stamp and Signature;

[Handwritten Signature]
14/10/2024

NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)
A	<p><u>WORKING AND STORAGE SPACE</u></p> <p>Working and storage space will be confined to the area designated by the Project Manager within the plot boundary.</p>	
B	<p><u>WORKING HOURS</u></p> <p>The Work must be carried out to cause the minimum inconvenience to the occupants of the adjoining premises. In particular, no hammering, mechanical drilling or other unduly noisy work may be commenced before 8.00 a.m. or continued after 6.00 p.m. without prior approval of the Project Manager.</p>	
C	<p><u>DESCRIPTION OF THE WORKS</u></p> <p>The Works comprise but not limited to the following</p> <p>a) Obtaining of branding permits from various county governments in Nairobi, Mombasa & Kisumu b) Fabrication, hoisting and fixing to position of mesh banner and bill board structures c) Paintworks d) Preparation and printing of approved artwork and fixing of mesh banner & bill boards e) Fixing of mesh banner & bill boards to position f) Flighting and deflighting of the mesh banners after 6 months</p> <p><u>Services</u></p> <p>Electrical wiring and fittings for bill boards</p> <p><u>External Works</u></p>	
D	<p><u>SUFFICIENCY OF TENDER</u></p> <p>The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the Works and of the rates and prices stated in the Priced Bills of Quantities, which rates and prices shall cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the Works.</p>	
E	<p><u>STAMP CHARGES</u></p> <p>The Contractor shall allow for the payment of all Stamp Charges in connection with the Surety and Contract Agreement.</p>	
	<p>Preliminaries Carried to collection KShs.</p>	
NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)

Contractor's official Rubber stamp and Signature;

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14/5/2024

GENERAL MATTERS

A DEFINITIONS AND ABBREVIATIONS

Terms used in these Bills of Quantities shall be interpreted as follows:

"Approved"	Shall mean approved by the Project Manager.
"as directed"	Shall mean as directed by the Project Manager.
"B.S."	Shall mean the current British Standard specifications published by the British Standards Institution, 2 Park Street, London W.I., England.
"CM."	Shall mean Cubic Metres.
"SM."	Shall mean Square Metres.
"LM."	Shall mean Linear Metres.
"MM"	Shall mean Millimetres.
"KG."	Shall mean Kilogramme.
"NO."	Shall mean Number.
"M.S"	Shall mean Measured Separately
PRS or Prs	Shall mean Pairs
a.b.d	Shall mean as before described
KS	Kenya Standards
Ditto or Do	Shall mean the whole of the preceding description except as qualified in the description in which it occurs.
NTSA	Shall mean National Transport & Safety Authority of Kenya
E.o	Shall mean Extra Over
bsm	Shall mean both sides measured

B PROGRESS SCHEDULE

The Contractor shall, upon receiving instructions to proceed with the Works, draw up a time and progress Schedule setting out the order in which the Works are to be carried out with the appropriate dates thereof. This Time and Progress schedule is to be agreed with the Project Manager and no deviation from the order set out in this Schedule will be permitted without the written consent of the Project Manager. The Main Contractor will be responsible for arranging the above programme with all Sub-Contractors including the Nominated Sub-Contractors and Nominated Suppliers.

Preliminaries

Carried to collection

KShs.

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14/8/14

NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)
A	<p><u>FIGURED DIMENSIONS</u></p> <p>Figured dimensions are to be followed in preference to dimensions scaled from the Drawings; but wherever possible dimensions are to be taken on the Site or from the Buildings. Before any Work is commenced by Sub-Contractors or Specialist Firms, dimensions must be checked on the Site and/or buildings and agreed with the Contractor, irrespective of the comparable dimensions shown on the Drawings. The Contractor shall be responsible for the accuracy of such dimensions.</p>	
B	<p><u>PROVISIONAL WORK</u></p> <p>All "Provisional" and other work liable to adjustment under this Contract shall be left uncovered for a reasonable time to allow all measurements needed for such adjustment to be taken by the Quantity Surveyor. Immediately the work is ready for measurement, the Contractor shall give notice to the Quantity Surveyor.</p> <p>If the Contractor makes default in these respects he shall, if the Project Manager so directs, uncover the work at his own expense to enable the measurements to be taken.</p>	
C	<p><u>EXISTING SERVICES</u></p> <p>Prior to commencement of any work the Contractor is to ascertain from the relevant Authorities the exact position, depth and level of all existing electric cables, water pipes or other services in the area and he shall make whatever provisions may be required by the Authorities concerned for the support and protection of such services. Any damage or disturbance caused to any services shall be reported immediately to the Project Manager and the relevant Authority and shall be made good to their satisfaction at the Contractor's expense.</p>	
D	<p><u>TRANSPORT TO AND FROM THE SITE</u></p> <p>The Contractor shall include in his prices for the transport of materials workmen, etc., to and from the Site of the Proposed Works, at such hours and by such routes and vehicles as are permitted by the Authorities and in particular by the Transport Licensing Board and / or the National Transport & Safety Authority ,</p>	
E	<p><u>PUBLIC AND PRIVATE ROADS, PAVEMENTS, ETC</u></p> <p>The Contractor will be required to make good, at his own expense any damage he may cause to the present road surfaces and pavements within or beyond the boundary of the Site, during the period of the Works. In particular, all existing trees, shrubs, plants, etc., which may be destroyed or damaged during the progress of the Works are to be made good by the Contractor to the approval of the Project Manager.</p>	
F	<p><u>POLICE REGULATIONS</u></p> <p>The Contractor is to allow for complying with all instructions and regulations of the police Authorities.</p>	
	<p>Preliminaries Carried to collection KShs.</p>	

Contractor's official Rubber stamp and Signature;

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4/5/2024

NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)
A	<p><u>ENVIRONMENTAL REGULATIONS</u></p> <p>The Contractor shall observe all the requirements of the National Environment Management Authority (NEMA) and especially those conditions given in the Project's Environmental Impact Assessment Report Approved by NEMA. The Contractor shall collaborate with the Environmental Impact Assessment (EIA) expert to ensure that proposed mitigation measures are adhered to during construction phase and where necessary appropriate mending up activities undertaken and the same reported back to NEMA as required.</p> <p>In particular the Contractor shall give special emphasis to control dust. The Contractor shall provide all necessary dust screens to prevent dust from the construction works affecting neighbouring property. The dust screens shall be approved by the Project Manager and be acceptable to NEMA officials. The Contractor shall also control dust on site by appropriate watering of the sources of dust.</p> <p>The Contractor shall put emphasis on controlling noise, vibrations and occupational hazards. The provisions of the Occupational Safety and Health Act No. 15 of 2007 must be strictly observed.</p>	
B	<p><u>CONTRACTORS' SUPERINTENDENCE</u></p> <p>The Contractor shall constantly keep on the Works a literate English-speaking Agent or Representative, competent and experienced in the kind of work involved, who shall give his whole time to the superintendence of the Works. Such Agent or Representative shall receive on behalf of the Contractor, directions and instructions from the Project Manager and such directions and instructions shall be deemed given to the Contractor in accordance with the conditions of the Contract. The Agent shall not be replaced without the specific approval of the Project Manager.</p> <p>It is to be a specific condition of this Contract that the successful Tenderer shall provide on Site throughout the period of construction until the Date for Practical completion a suitably qualified, experienced and competent person to ensure that the works are carried out to the standard required by the specification and detailed on the Drawings; and shall ensure that upon any termination of employment a suitable replacement is found.</p>	
C	<p><u>CONTRACTORS' SUPERINTENDENCE -(CONTINUED)</u></p> <p>Before the Tenderer's offer is accepted the Project Manager may personally interview the Contractor's proposed Representative.</p> <p>A curriculum vitae of past experience and qualifications must be provided for the Project Manager's scrutiny.</p> <p>The Project Manager's decision will be final regarding the suitability of the proposed Representative.</p>	
	<p>Preliminaries Carried to collection KShs.</p>	

Contractor's official Rubber stamp and Signature;

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14/5/2024

NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)
A	<p><u>WATER</u></p> <p>All water shall be fresh, clean and pure, free from earthy, vegetable or organic mater, acid or alkaline substances in solution or suspension</p> <p>The Contractor shall provide at his own risk and cost all water for use in connection with the Works (including the work of Sub-Contractors). The Contractor shall provide at his own expense all temporary distribution pipes, storage tanks, metres, etc., and he shall clear away same upon completion of the Works.</p>	
B	<p><u>LIGHTING AND POWER</u></p> <p>The Contractor shall provide at his own risk and cost all artificial lighting and power for use on the Works, including all Sub-Contractors' and Specialists' requirements and including all temporary connections, wiring, fittings, etc., and clearing away on completion. The Contractor shall pay all fees and obtain all permits in connection therewith.</p>	
C	<p><u>SAFETY</u></p> <p>The Contractor shall comply at all times with the requirements of the Factory Act (Cap 514), Building Construction Rules, Supplement 18, Legal Notice No.40 dated April, 1984 and ensure that the safety of his workpeople and authorised visitors to the Site is protected at all times. In particular there shall be proper provision of planked footways and guard-rails to scaffolding, etc., protection against falling materials and tools and the Site shall be tidy and clear of dangerous rubbish.</p> <p>The Contractor shall appoint a safety officer as required by the Factory Act and notify the Factory Inspector of his name. the safety Officer shall be on Site at all times and all directions given by the Project Manager to the Safety Officer shall be deemed to be Project Manager's Instructions, and shall be complied with promptly without additional cost to the contract.</p> <p>Occupational Safety and Health Act no. 15 of 2007 must also be complied with</p> <p>The Project Manager shall be empowered to suspend work on the Site should he consider these conditions are not being observed, and no claim arising from such suspension will be allowed.</p>	
D	<p><u>PROTECTIVE CLOTHING</u></p> <p>The Contractor shall provide all protective or any other special clothing or equipment for his employees that may be necessary.</p> <p>This shall include, inter-alia, safety helmets, gloves, goggles, earmuffs, gumboots, overalls, etc., according to the type of work. The Contractor shall ensure that safety helmets are worn by all staff at all times.</p>	
	<p>Preliminaries Carried to collection KShs.</p>	

Contractor's official Rubber stamp and Signature;

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14/5/2024


NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)
A	<p><u>PROVISIONAL SUMS</u> The term "Provisional Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A Item A7(i) of the Standard Method of measurements Such sums are net and no addition shall be made to them for profit.</p>	
B	<p><u>ADJUSTMENT OF PROVISIONAL SUMS</u> In the final account all provisional sums shall be deducted and the value of the work properly executed in respect of them upon the Project Manager's order added to the contract sum. Such work shall be valued as described for variations in variation clause of the conditions of contract, but should any articles for the work be executed by a Nominated Sub-Contractor, or any articles for the work be supplied by a Nominated Supplier, the Value of such work or articles shall be treated as a P.C. sum and profit and attendance comparable to that contained in the priced Bills of Quantities for similar items added.</p>	
C	<p><u>PRIME COST (OR P.C.) SUMS</u> The term "Prime Cost Sum" or "P.C. Sum" wherever used in these Bills of Quantities shall have the meaning stated in Section A item A7(ii) of the Standard Method of Measurements Persons or firms Nominated to execute the work or to provide and fix materials or goods as stated in the Conditions of Contract are described herein as Nominated Sub-Contractors. Persons or firms so nominated to supply goods or materials are described as Nominated suppliers.</p>	
D	<p><u>ADJUSTMENT OF P.C. SUMS</u> In the final account all P.C. sums shall be deducted and the amount properly expended upon the Project Manager's order in respect of each of them added to the contract sum. The Contractor shall produce to the Project Manager such quotation, invoices or bills properly receipted as may be necessary to show the actual details of the sums paid by the contractor. Items of profit upon P.C. sums shall be adjusted in the final account prorata to the amount paid. Items of Attendance following P.C. Sums shall be adjusted prorata to the physical extent of the work executed (not prorata to the amount paid) and this shall apply though the Contractor's Bills shows a percentage in the rate column in respect of them. Should the Contractor be permitted to tender and his tender be accepted for any work which a P.C. sum is included in these Bills of Quantities, profit and attendance will be allowed at the same rate as it would if the work were executed by a Nominated Sub-Contractor.</p>	
E	<p><u>MATERIALS AND WORKMANSHIP</u> <u>GENERALLY</u> All materials shall be new unless otherwise directed or permitted by the Project Manager and in all cases where the quality of goods or materials is not described or otherwise specified, is to be the best quality obtainable in the ordinary meaning of the word "best" and not merely a trade signification of that word. All materials and workmanship shall, unless otherwise specified or described, conform to the appropriate British Standard Institution specification and/or Kenya Standards current at the date of tender.</p>	
	<p>Preliminaries Carried to collection. KShs.</p>	

Contractor's official Rubber stamp and Signature;

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NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)
	<p>The Contractor shall order all materials to be obtained from overseas immediately after the Contract is signed and shall also order materials to be obtained from local sources as early as necessary to ensure that such materials are on Site when required for use in the Works.</p> <p>The Contractor shall be responsible for and shall replace or make good at his own expense any materials lost or damaged.</p> <p>The Works throughout shall be executed by skilled workmen well versed in their respective trades.</p> <p>A <u>REJECTED WORKMANSHIP OR MATERIALS</u> Any workmanship or materials not complying with the specific requirements or approved samples or which have been damaged, contaminated or have deteriorated, must immediately be removed from the Site and replaced at the Contractor's expense, as required.</p> <p>B <u>PROPRIETARY MATERIALS</u> Where proprietary materials are specified herein-after the contractor may propose the use of materials of other manufacturer but equal quality for approval by the Project Manager.</p> <p>All materials and goods, where specified to be obtained from a particular manufacturer or supplier are to be used or fixed strictly in accordance with their instructions.</p> <p>C <u>SAMPLES</u> The Contractor shall furnish within the first two weeks of site take over and before work commences and at his own cost, any samples of materials or workmanship that may be called for by the Project Manager for his approval or rejection, and any further samples in case of rejection until such samples are approved by the Project Manager and such samples, when approved, shall be the minimum standard for the work to which they apply. Such approved samples shall be mounted on a sample board erected on site. The sample board shall be of minimum size 2400x1200mm high fabricated in RHS supports & framings minimum size 75x50x3mm secure from tampering with and including all necessary sample mounting bases & roof cover where required and available for quick reference during the entire period of the contract. The approved samples shall be mounted / applied using the correct methodology, edging and finish as per the bill of quantities; all to reflect the high quality workmanship that will be replicated on the permanent works.</p> <p>D <u>CONCRETE TESTS</u> Concrete test cubes, will not be required under these works; any concrete works Must be done in the presence of the Project Manager or his/her representative</p> <p>E <u>OTHER MATERIAL TESTS</u> The Contractor shall allow for providing samples of all other materials such as reinforcement bars, building sand, cement, building stone, concrete blocks, hardcore, etc, that may be requested by the Project Manager or Engineer for testing. He shall allow for the delivery of the same to the testing Laboratory(ies)), pay the testing fees and any other costs that may be required and arrange for test certificates to be sent directly to the Project Manager or Engineer by the testing Laboratory. Under no circumstances will the Contractor be paid for such tests if he does not allow for that here</p>	
	<p>Preliminaries Carried to collection KShs.</p>	

Contractor's official Rubber stamp and Signature;


14/5/2024

NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)
A	<p><u>PROGRAM OF WORKS</u></p> <p>The Contractor shall allow in his programme for the following 11 public holidays per calendar year in Kenya.</p> <ol style="list-style-type: none"> 1. New Year's Day (1st January) 2. Good Friday 3. Easter Monday 4. Labour Day (1st May) 5. Madaraka Day (1st June) 6. Idd Ul Fitr 7. "Utamaduni" Day (10th October) 8. Mashujaa Day (20th October) 9. Jamhuri day (12th December) 10. Christmas Day (25th December) 11. Boxing Day (26th December) <p>The Contractor should also allow per calendar year for a further 2 unspecified public holidays which may be announced by the Government of Kenya with no prior notification.</p>	
B	<p><u>MINISTRY OF HEALTH REGULATIONS</u></p> <p>The Contractor shall adhere to the interim guidelines and protocols for SARS-CoV 2 and COVID 19 which were developed in response to the new Coronavirus Disease 2019. The adherence to these guidelines shall include any periodical updated guidelines by the said MoH - Kenya</p>	
	<p><u>TEMPORARY WORKS</u></p>	
C	<p><u>OFFICE AND SHEDS</u></p> <p>The Contractor shall erect and maintain temporary office accommodation for his own use, and ample temporary watertight sheds for the proper storage and protection of materials and for the use of artisans and remove when ordered. Floors of sheds shall be at least 150mm above ground level.</p>	
D	<p><u>SANITATION</u></p> <p>The Contractor shall provide the necessary sanitation for his staff and workmen to the requirements and satisfaction of the Health Authorities and maintain the same in a thoroughly clean and sanitary condition and pay all conservancy fees during the period of the Works and remove when no longer required.</p>	
E	<p><u>SECURITY</u></p> <p>The Contractor shall be responsible for the security of the works in every respect and in particular it shall be the Contractor's responsibility to ensure that each of his workers security is guaranteed while working on the site and in such manner as is acceptable by KPLC</p> <p>The Contractor shall also accept liability for and bear the cost of failure to provide security for the works and workers as per the conditions of this contract once entered into</p>	
	<p>Preliminaries Carried to collection KShs.</p>	

Contractor's official Rubber stamp and Signature;

Ben
14/5/2024

NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)
A	<p><u>WORKING DRAWINGS</u></p> <p>Allow for preparation and approval of final set of working drawings in A1 size; using the attached drawings; all by a licenced Architect & licenced Structural Engineer where necessary including all necessary county government's approvals within the first two (2No.) weeks after contract signing; or as may be agreed upon by the Project Manager</p>	
B	<p><u>ALTERATIONS TO BILLS, PRICING, ETC.</u></p> <p>Any unauthorised alteration or qualification made to the text of the Bills of Quantities may cause the Tender to be disqualified and will in any case be ignored. The Contractor shall be deemed to have made allowance in his prices generally to cover any items against which no price has been inserted in the priced Bills of Quantities. All items of measured work shall be priced in detail and the Tenders containing Lump Sums to cover trades or groups of work must be broken down to show the price of each item before they will be accepted.</p>	
C	<p><u>PLANT, TOOLS AND SCAFFOLDING</u></p> <p>The Contractor shall provide all necessary hoists, tackle, plant, vehicles, tools and appliances of every description for the due and satisfactory completion of the Works and shall remove same on completion</p> <p>The Contractor shall provide, erect and maintain all temporary scaffolding, sufficiently strong and efficient for the due performance of the Works, including Sub-Contract works, provide special scaffolding as and when required during the Works and remove on completion and make good.</p> <p>Such scaffolding shall be constructed of tubular steel or timber of sufficient scantlings and be provided with planked footways and guard-rails to approval.</p> <p>All such plant, tools and scaffolding shall comply with all regulations whether general or local, in force throughout the period of the contract and shall be altered or adapted during the Contract as may be necessary to comply with any amendments in or additions to such regulations.</p> <p>Scaffolding is not measured hereinafter, and the Contractor must allow here</p>	
D	<p><u>EXISTING AND ADJACENT PROPERTY</u></p> <p>The Contractor must take all steps necessary to safeguard existing and adjacent property, make good at his own expense any damage to persons or property caused thereon, and hold the Employer indemnified against any such claim arising.</p> <p>The Contractor will be held fully responsible for the safety of the existing and adjacent buildings and for any damage caused in consequence of these Works. He must reinstate all damage at his own expense and indemnify the Employer against any loss.</p> <p>The Contractor must take such steps and exercise such care and diligence as to minimise nuisance from dust, noise or any other cause to the occupiers of the existing and adjacent property.</p>	
Preliminaries	Carried to collection KShs.	
NO	PRELIMINARIES DESCRIPTION	AMNT (KSh)

Contractor's official Rubber stamp and Signature;

Jen.
14/13/2024

A INSURANCE

The Contractor shall insure as required in the Conditions of Contract. No payment on account of the work executed will be made to the Contractor until he has satisfied the PROJECT MANAGER either by production of an Insurance Policy or and Insurance Certificate that the provision of the foregoing Insurance Clauses have been complied with in all respects. Thereafter the PROJECT MANAGER shall from time to time ascertain that premiums are duly paid up by the Contractor who shall if called upon to do so, produce the receipted premium renewals for the PROJECT MANAGER's inspection.

B LABOUR CAMPS

No labour, with the exception of watchmen may be housed on the site and the Contractor shall allow for all transport and other charges in moving labour to and from site at such hours and by such routes as are permitted by the Authorities. The Contractor shall provide, erect and maintain satisfactory housing for the watchmen and shall remove same on completion of the works.

C HOARDING

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

D TEMPORARY ROADS

The Contractor shall provide where directed all temporary access roads, tracks and paths necessary for the execution of the Works, including making good when no longer in use.

E SIGNBOARD

The Signboard and lettering on same for the display of the General and Sub-Contractor's names shall be of an approved size with the Employer's name painted thereon. The Project Manager's name shall be printed in letters not exceeding 100mm in height all to the Project Manager's design. No other signboard or advertising will be permitted.

NOMINATED SUB-CONTRACTORS AND SUPPLIERS

F NOMINATED SUB-CONTRACTORS

The Contractor shall be responsible for Nominated Sub-Contractors in every respect and in particular it shall be the Contractor's responsibility to ensure that each Sub-Contractor commences and completes the work in such manner and is ready on the Site with his materials, labour and special plant at such times so as to conform with the progress Schedule, as specified previously, and so ensure satisfactory progress.

The Contractor shall also accept liability for and bear the cost of General Attendance on Nominated Sub-Contractors which shall be deemed to include for:

Preliminaries

Carried to collection

KShs.

NO

PRELIMINARIES DESCRIPTION

AMNT (KSh)

Contractor's official Rubber stamp and Signature;

Ben
14/5/2024

NOMINATED SUB-CONTRACTORS - CONTINUED

Allowing the use of standing scaffolding, maintenance and alteration of all scaffolding, retention of all scaffolding until such time as all relevant Sub-Contractors' works are complete and removal of all scaffolding on completion. Providing space for office accommodation, and for storage of plant and materials; allowing use of sanitary accommodation; the supply of all necessary water, and lighting; and clearing away all rubbish.

The items for "General Attendance" given herein-after following P.C. Sums in respect of Sub-Contractors' work shall be deemed to include all the above.

The Contractor shall also accept liability for and bear the cost of Special Attendance on Nominated Sub-Contractors which shall include for one or more of the following:

Unloading, storing, hoisting, placing in position, providing power, provision of special scaffolding.

The items of "Special Attendance" given herein-after following P.C. Sums shall include any one or more of the above items as set out in the particular reference.

Cutting away for and making good after the work of Sub-Contractors as may be required will be measured and valued separately by the Surveyor.

A NOMINATED SUPPLIERS

The cost of "Fix only" materials to be obtained from Nominated Suppliers which are covered by prime Cost or Provisional Sums shall include for taking delivery where directed, checking with invoices or indents, reporting and claiming damages for shortages and damaged goods, defraying demurrage signing for as having been received in good order, transporting, unloading, storing, covering and protecting until the time of fixing, unpacking, replacing anything lost or damaged, sorting, assembling, hoisting to required levels and fixing as described.

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

B PRIME COST RATES

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

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

Preliminaries	Carried to collection	KShs.	
NO	PRELIMINARIES DESCRIPTION		AMNT (KSh)
A	<u>PROTECTION</u>		

Contractor's official Rubber stamp and Signature;

Ben
14/5/2024

The Contractor shall cover up and protect from damage, including damage from inclement weather, all finished work and unfixed materials, including that of Sub-Contractors, etc., to the satisfaction of the Project Manager until the completion of the Contract, and carefully preserve all trees or bushes on or near the Site.

B CLEANING

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

C TRAINING LEVY

The Contractor's attention is drawn to legal Notice No. 237 of October, 1971, which requires payment by the Contractor of Training Levy on all Contracts of more than 50,000/- in value and his Tender must include for all costs arising therefrom.

D STANDARD LEVY (STANDARDS ACT- CAP 496)

The Contractor's attention is drawn to legal Notice No. 267 of 2nd June, 1990 which requires payment by the Contractor of the Standards Levy at a rate of 0.2% of the contract sum less allocation for prime cost sums and provisional sums, subject to a ceiling of KShs. 400,000.00 per annum. The Contractor must therefore include for all costs (if any) arising or resulting therefrom.

E NATIONAL CONSTRUCTION AUTHORITY LEVY (NCA)

The contractor shall comply with any required NCA approvals including any costs associated with execution of the works and registration of project.

F DEVELOPMENT APPROVALS

The contractor shall allow for all necessary county government permits & approvals with regard to these works. No claim for failure to comply with county governments requirements shall be allowed for all necessary permits/approvals by the County Government of Nairobi, Mombasa & Kisumu. Allow for preparation and approval of final set of working drawings in A1 size; using the attached drawings; all by a registered Architect & registered Structural Engineer including all necessary County Government approvals within the first two (2N0.) weeks after contract signing

G VALUE ADDED TAX

The Contractor's attention is drawn to the Finance Act 1993 and subsequent amendments thereof which requires payment by the Contractor of Value Added Tax (VAT) on construction services rendered. Whether VAT is added at the grand summary page or inclusive in the rates, The tender sum as stated in the form of tender shall be deemed to be inclusive of VAT unless otherwise stated in the tender document and specifically in the KPLC online tendering portal.

Preliminaries	Carried to collection	KShs.	

Contractor's official Rubber stamp and Signature;

[Handwritten Signature]
14/5/2024

COLLECTION

From page No. P/1
" " " P/2
" " " P/3
" " " P/4
" " " P/5
" " " P/6
" " " P/7
" " " P/8
" " " P/9
" " " P/10
" " " P/11
" " " P/12
" " " P/13

PRELIMINARIES

TO GRAND SUMMARY
AT END OF BILLS

KSHS.

Ben
14/5/2024

**PROPOSED INSTALLATION OF MESH BANNER AND BILL BOARDS TO ELECTRICITY HOUSES
IN NAIROBI, MOMBASA & KISUMU**

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	WALL WRAPS & MESH BANNER- ELECTRICITY HOUSE NAIROBI BILL No. 01 <u>All works shall include all necessary preliminary costs; making good of all disturbed surfaces to match existing; loading and carting away all arising debris as directed by the Project Manager.</u>				
A	Supply and fix approved high durable and super strong PVC coated mesh banner; 70% material & 30 % air or holes vinyl mesh; print visibility and compatibility with HD print quality in approved artwork; reinforced hems, grommets, pole pockets with an including all over accessories; averaging size 45000mm x 42000mm high secured to; to be replaced after 6 months Mesh banner <u>Steel frame fabrication to include, cutting, welding, waste, drilling, smoothening of welds, scaffolding, hoisting approximately 50m above the existing ground, surface preparation, one coat metal primer before fixing, and three finishing coats of 1st quality approved super gloss paint as instructed and to an approved colour.</u>	2	No.		
B	50x50x2.5mm thick square tube for mesh banner anchored on reinforced concrete beam, columns and sun breakers at 1.5m centres both horizontally and vertically using 100x50x75mm wide x 4mm thick angle cleats (ms) welded to the metal frame and secured to the RC wall with 12mm diameter rawl bolts (ms)	1350	Im		
C	Ditto but to bill board	240	Im		
D	100x50x75mm wide x 4 mm thick fabricated angle cleats for mesh banner with 2 no. 12mm diameter holes welded on one side to the outer and intermediate 50x50x4mm thick steel tubes and anchored to existing RC wall using 12mm diameter rawl bolts (ms)	240	No.		
E	Ditto but for bill board	56	No.		
F	12mm diameter rawl bolts for mesh banner drilled to existing RC wall and bolted on angle cleats (ms)	480	No.		
	Collection Page				0

Contractor's Official Rubber stamp Sign.

MW/1

Ben
14/5/2024

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A	Ditto but for bill board	112	No.		
B	Supply and fix heavy gauge bill board average size 6000mm x 3900mm high including 25mm diameter eyelets on hem at 75mm from edge; 500mm centres all round; including double heavy gauge cable ties on eyelets; with typography and artwork as approved;	480	sm		
	<u>Electrical works</u> <u>Supply and install LED flood light fittings appropriate adjustable holding brackets, 1.5mm square three-core heat resistant cables, wiring to adjacent lighting point, photocell, switch; complete with all accessories</u>				
C	50 watts LED flood lights; average size 235x300x86mm (WxHxD) with adjustable brackets and IP rating 65 with and including all necessary wiring and switching systems; photocell time switch	2	No.		
Total to Collection					
Collection					
	Brought Forward	Page	1		
	Brought Forward	Page	2		
Total collection for Nairobi carried to summary collection					-

Contractor's Official Rubber stamp Sign.

Dem.
14/5/2024

MW/2

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<p><u>WALL WRAPS & MESH BANNER-</u> <u>ELECTRICITY HOUSE KISUMU</u> <u>BILL No. 02</u> <u>All works shall include all necessary preliminary costs; making good of all disturbed surfaces to match existing; loading and carting away all arising debris as directed by the Project Manager.</u></p>				
A	Supply and fix approved high durable and super strong PVC coated mesh banner; 70% material & 30 % air or holes vinyl mesh; print visibility and compatibility with HD print quality in approved artwork; reinforced hems, grommets, pole pockets with an including all over accessories; averaging size 21600mm x 7000mm high secured to; to be replaced after 6 months	2	No.		
B	Ditto mesh banner size 21800mm x 7000mm high; ditto	2	No.		
C	<p><u>Mesh banner</u> <u>Steel frame fabrication to include, cutting, welding, waste, drilling, smoothening of welds, scaffolding, hoisting approximately 50m above the existing ground, surface preparation, one coat metal primer before fixing, and three finishing coats of 1st quality approved super gloss paint as instructed and to an approved colour.</u></p>				
D	50x50x2.5mm thick square tube for mesh banner anchored on reinforced concrete beam, columns and sun breakers at 1.5m centres both horizontally and vertically using 100x50x75mm wide x 4mm thick angle cleats (ms) welded to the metal frame and secured to the RC wall with 12mm diameter rawl bolts (ms); size 21800x7000mm	530	lm		
E	Ditto but curved surface to bill board	140	lm		
F	100x50x75mm wide x 4 mm thick fabricated angle cleats for mesh banner with 2 no. 12mm diameter holes welded on one side to the outer and intermediate 50x50x4mm thick steel tubes and anchored to existing RC wall using 12mm diameter rawl bolts (ms)	390	No.		
G	Ditto but for bill board	188	No.		
H	12mm diameter rawl bolts for mesh banner drilled to existing RC wall and bolted on angle cleats (ms)	416	No.		
	Collection Page				

Contractor's Official Rubber stamp Sign.

MW/3

Ben
14/5/2024

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A	12mm diameter rawl bolts for bill board drilled to existing RC wall and bolted on angle cleats (ms)	376	No.		
B	Supply and fix heavy gauge backlit bill board average size 3000mm x 10000mm high including 25mm diameter eyelets on hem at 75mm from edge; 500mm centres all round; including double heavy gauge cable ties on eyelets; with typography and artwork as approved;	60	sm		
	Electrical works				
C	Supply and install LED strip lights 5-7.5 average wattage; 1.5mm square three-core heat resistant cables, IP rating 20 and above; wiring to adjacent lighting point, photocell, switch; complete with all necessary accessories, wiring and switching systems	150	lm		
	Total to collection				
	Collection				
	Brought Forward	Page	3		
	Brought Forward from above	Page	4		
	<i>Total collection for Kisumu carried to summary collection</i>				

Contractor's Official Rubber stamp Sign.

Ren
14/5/2024

MW/4

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<p><u>MESH BANNER-</u> <u>ELECTRICITY HOUSE MOMBASA</u> <u>BILL No. 03</u> <u>All works shall include all necessary preliminary costs; making good of all disturbed surfaces to match existing; loading and carting away all arising debris as directed by the Project Manager.</u></p>				
A	<p>Supply and fix approved high durable and super strong PVC coated mesh banner; 70% material & 30 % air or holes vinyl mesh; print visibility and compatibility with HD print quality in approved artwork; reinforced hems, grommets, pole pockets with an including all over accessories; averaging size 42000mm x 30000mm high secured to; to be replaced after 6 months</p> <p><u>Mesh banner</u> <u>Steel frame fabrication to include, cutting, welding, waste, drilling, smoothening of welds, scaffolding, hoisting approximately 50m above the existing ground, surface preparation, one coat metal primer before fixing, and three finishing coats of 1st quality approved marine paint as instructed and to an approved colour.</u></p>	2	No.		
B	<p>50x50x2.5mm thick square tube for mesh banner anchored on reinforced concrete beam, columns and sun breakers at 3m centres both horizontally and vertically using 100x50x75mm wide x 4mm thick angle cleats (ms) welded to the metal frame and secured to the RC wall with 12mm diameter rawl bolts (ms)</p>	912	lm		
C	<p>100x50x75mm wide x 4 mm thick fabricated angle cleats for mesh banner with 2 no. 12mm diameter holes welded on one side to the outer and intermediate 50x50x4mm thick steel tubes and anchored to existing RC wall using 12mm diameter rawl bolts (ms)</p>	400	No.		
D	<p>12mm diameter rawl bolts for mesh banner drilled to existing RC wall and bolted on angle cleats (ms)</p>	800	No.		
E	<p>Remove existing back lit façade signage fabric to replace with new one size 12000x1200mm high ms.</p>	1	No.		
F	<p>Supply and fix backlit fabric in approved artwork; prepare the surface and apply 3 coats of approved marine paint to metal surfaces</p>	1	No.		
	<i>Total to collection</i>				

Contractor's Official Rubber stamp Sign.

MW/5

Ben
14/5/2024

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
A	Remove existing back lit under soffit fabric to replace with new one size 1700x700mm high ms.	1	No.		
B	Supply and fix 3mm perspex in approved artwork; including fixing to existing aluminum frame anchored to rc works to the Project Manager's approval	1	No.		
	<u>Painting works</u>				
C	Prepare the surfaces and apply 3 coats of approved marine paint to metal surfaces not exceeding 150mm girth	2	Lm		
D	Ditto three coats of aluminum paints to general surfaces on metal-back and sides of the signage	24.96	sm		
<i>Total collection for Mombasa carried to summary collection</i>					
<u>Collection</u>					
	Brought Forward	Page	5		
	Brought Forward from above	Page	6		
<i>Total collection for Mombasa carried to summary collection</i>					

Contractor's Official Rubber stamp Sign.

Ben
14/5/2024

MW/6

ITEM	DESCRIPTION	QTY	UNIT	RATE	KSHS
	<u>SUMMARY PAGE</u>				
	Total collection for Nairobi carried to summary collection	Page	2		
	Total collection for Kisumu carried to summary collection	Page	4		
	Total collection for Mombasa carried to summary collection	Page	6		
	<i>Total for mesh banner and bill boards carried to Grand summary collection.</i>				

Contractor's Official Rubber stamp Sign.

Ben.
4/8/2024

MW/7



**PROPOSED INSTALLATION OF MESH BANNER AND BILL BOARDS TO ELECTRICITY HOUSES IN
NAIROBI, MOMBASA & KISUMU**

GRAND SUMMARY

BILL NO.	DESCRIPTION	Page No.	OFFICIAL USE	
			K.SHS.	CNTS
1	Preliminaries	PRELIM / 14		
2	Total for mesh banner and bill boards	MW/7		
	Sub-Total			
	Add: VAT (16%)			
GRAND TOTAL				

Amount In Words:

Kenya shillings:.....

.....

.....

Name of Contractor :.....

Official Rubber stamp and Signature:.....

Date:.....

Ben
24/5/2024

(3)

No.	Description
1	<p><u>SCOPE OF WORKS;- MESH BANNERS</u></p> <p>Mesh banners are perfect for outdoor advertisement display. The installation will involve;</p> <ol style="list-style-type: none">1. Steel frame fabrication to include; cutting, welding, waste, drilling, smoothening of welds, scaffolding, flighting & de-flighting and painting2. Installation of the above steel frame to include making good of all disturbed surfaces to match existing, loading and carting away all arising debris as directed by the Project Manager.3. Supply and fixing of approved high durable and super strong PVC coated mesh banner, 70% material & 30% air holes vinyl mesh; print visibility and compatibility with HD print quality in approved artwork; reinforced hems, grommets, pole pockets with and including all necessary accessories to be replaced after 6 months.
	<p><u>SCOPE OF WORKS;- BILLBOARDS</u></p> <p>Billboards are perfect for outdoor advertisement display. The installation will involve;</p> <ol style="list-style-type: none">1. Steel frame fabrication to include; cutting, welding, waste, drilling, smoothening of welds, scaffolding, flighting & de-flighting and painting2. Installation of the above steel frame to include making good of all disturbed surfaces to match existing, loading and carting away all arising debris as directed by the Project Manager.3. Electricity House Nairobi: Supply and install LED flood light fittings appropriate adjustable holding brackets, 1.5mm square three-core heat resistant cables, wiring to adjacent lighting point, photocell, and switch; complete with all accessories.4. Electricity House Kisumu: Supply and install LED strip lights 5-7.5 average wattage; 1.5mm square three-core heat resistant cables, IP rating 20 and above; wiring to adjacent lighting point, photocell, switch; complete with all necessary accessories, wiring and switching systems.

DETAILED TECHNICAL SPECIFICATIONS

NO	Detailed Technical Specifications	Bidder's Response
<u>Mesh Banners</u>		
1.	Obtaining of branding permits from various county governments in Nairobi, Mombasa & Kisumu	
2.	All works shall include all necessary preliminary costs; making good of all disturbed surfaces to match existing; loading and carting away all arising debris as directed by the Project Manager.	

3.	Supply and fix approved high durable and super strong PVC coated mesh banner; 70% material & 30 % air or holes vinyl mesh	
4.	Print visibility and compatibility with HD print quality in approved art work; reinforced hems, grommets, pole pockets with an including all over accessories;	
5.	Averaging sizes; a.45000mm x 42000mm high- Electricity House Nairobi b.21600mm x 7000mm high- Electricity House Kisumu c.21800mm x 7000mm high- Electricity House Kisumu d.42000mm x 30000mm high- Electricity House Mombasa secured to	
6.	Steel frame fabrication to include, cutting, welding, waste, drilling, smoothening of welds, scaffolding.	
7.	Surface preparation, one coat metal primer before fixing, and three finishing coats of 1st quality approved paint as instructed and to an approved colour.	
8.	50x50x2.5mm thick square tube anchored on reinforced concrete beam, columns and sun breakers at 1.5m centers (Electricity House Nairobi & Kisumu) & 3m centres (Electricity House Mombasa) both horizontally and vertically using;	
9.	100x50x75mm wide x 4mm thick angle cleats (ms) welded to the metal frame and secured to the RC wall.	
10.	12mm diameter rawl bolts for mesh banner drilled to existing RC wall and bolted on angle cleats.	
Billboards		
1	Obtaining of branding permits from various county governments in Nairobi, Mombasa & Kisumu	
2	Supply and fix heavy gauge bill board average size; a.6000mm x 39000mm high- Electricity House Nairobi	

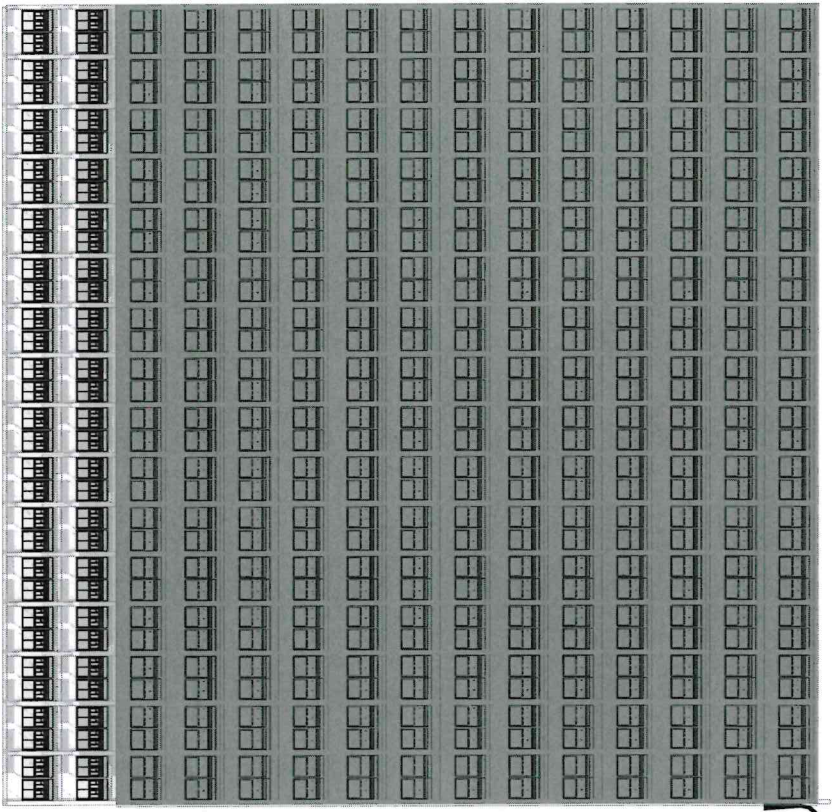
	b.3000mm x 10000mm high (2No)- Electricity House Kisumu including;	
3	25mm diameter eyelets on hem at 75mm from edge; 500mm centres all round; including double heavy gauge cable ties on eyelets; with typography and artwork as approved.	
4	Steel frame fabrication to include, cutting, welding, waste, drilling, smoothing of welds, scaffolding	
5	Surface preparation, one coat metal primer before fixing, and three finishing coats of 1st quality approved paint as instructed and to an approved colour.	
6	50x50x2.5mm thick square tube anchored on reinforced concrete beam, columns and sun breakers at 1.5m centres (Electricity House Nairobi & Kisumu) both horizontally and vertically using;	
7	100x50x75mm wide x 4mm thick angle cleats (ms) welded to the metal frame and secured to the RC wall.	
8	100x50x75mm wide x 4 mm thick fabricated angle cleats with 2 no. 12mm diameter holes welded on one side to the outer and intermediate 50x50x4mm thick steel tubes and anchored to existing RC wall.	
9	12mm diameter rawl bolts drilled to existing RC wall and bolted on angle cleats.	
10	Supply and install LED flood light fittings (Electricity House Nairobi) appropriate adjustable holding brackets.	
11	1.5mm square three-core heat resistant cables	
12	Wiring to adjacent lighting point, photocell, switch; complete with all accessories.	
13	50 watts LED flood lights; average size 235x300x86mm (WxHxD) with adjustable brackets and IP rating 65 with and including all necessary wiring and switching systems; photocell time switch.	
14	Supply and install LED strip lights (Electricity House Kisumu)	
15	5-7.5 average wattage	

16	1.5mm square three-core heat resistant cables, IP rating 20 and above	
17	wiring to adjacent lighting point, photocell, switch; complete with all necessary accessories, wiring and switching systems	

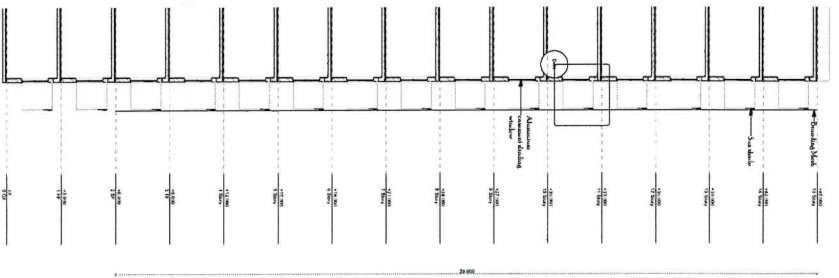
Contract Period is for 12 months

Bidders Signature.....

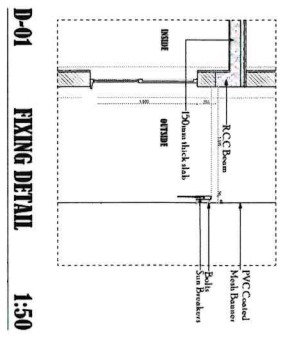
ELECTRICITY HOUSE KISUMU



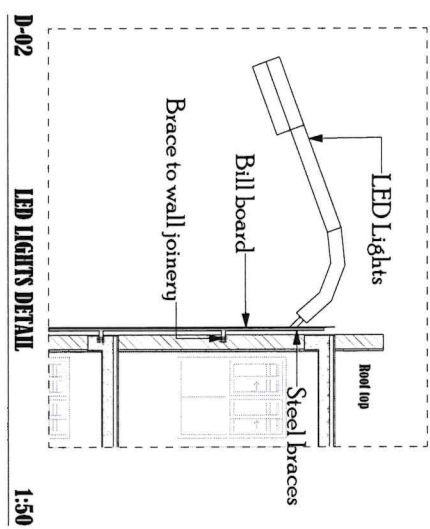
E-03 FRONT ELEVATION 1:200



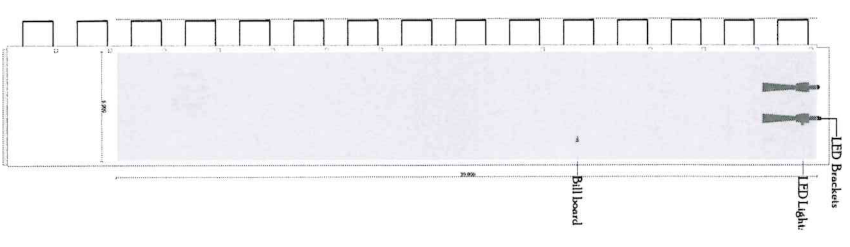
S-01 SECTION 1:200



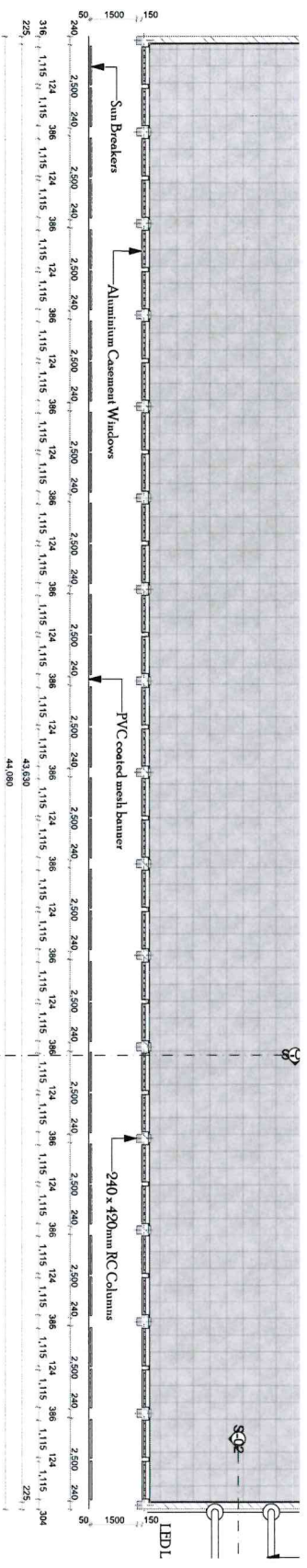
D-01 FIXING DETAIL 1:50



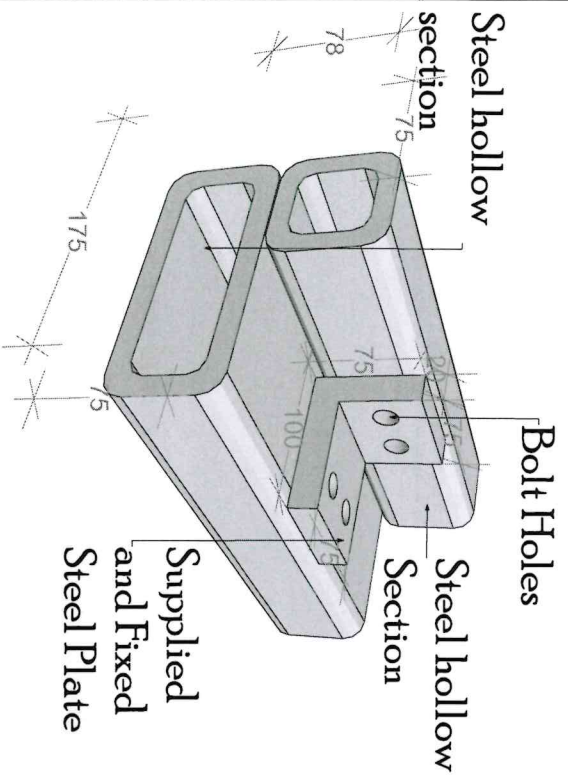
D-02 LED LIGHTS DETAIL 1:50



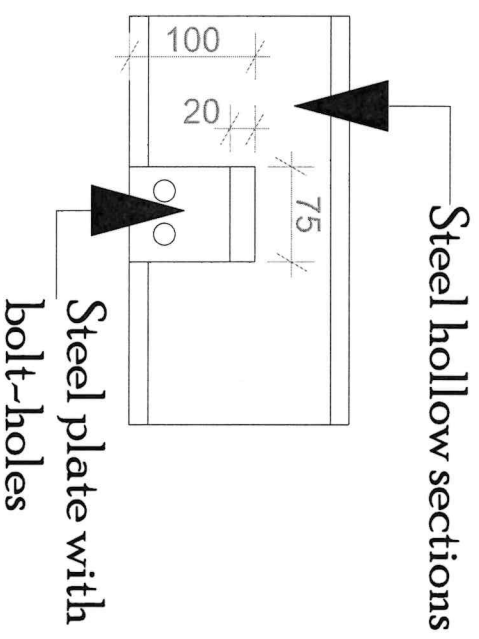
E-02 SIDE ELEV. 1:200



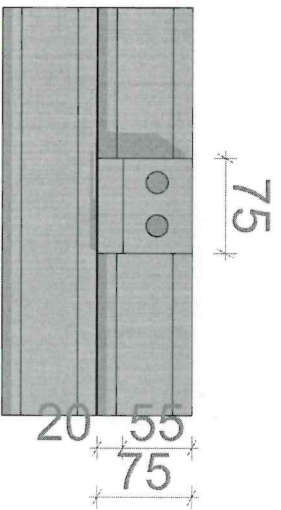
2. PLAN 1:100



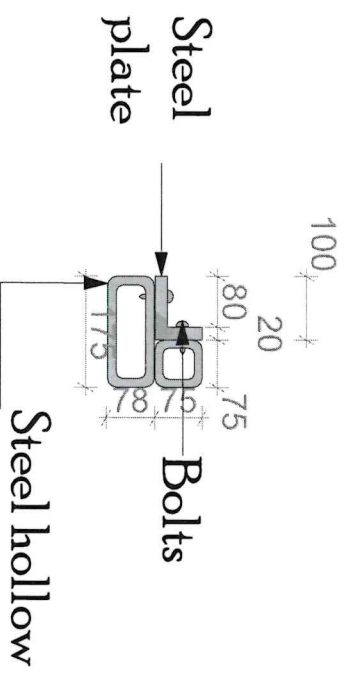
3D-01 **PLATE TO STEEL SECTION JOINT** **1:200**



0. **PLAN** **1:5**



E-06 **Elevation** **1:5**

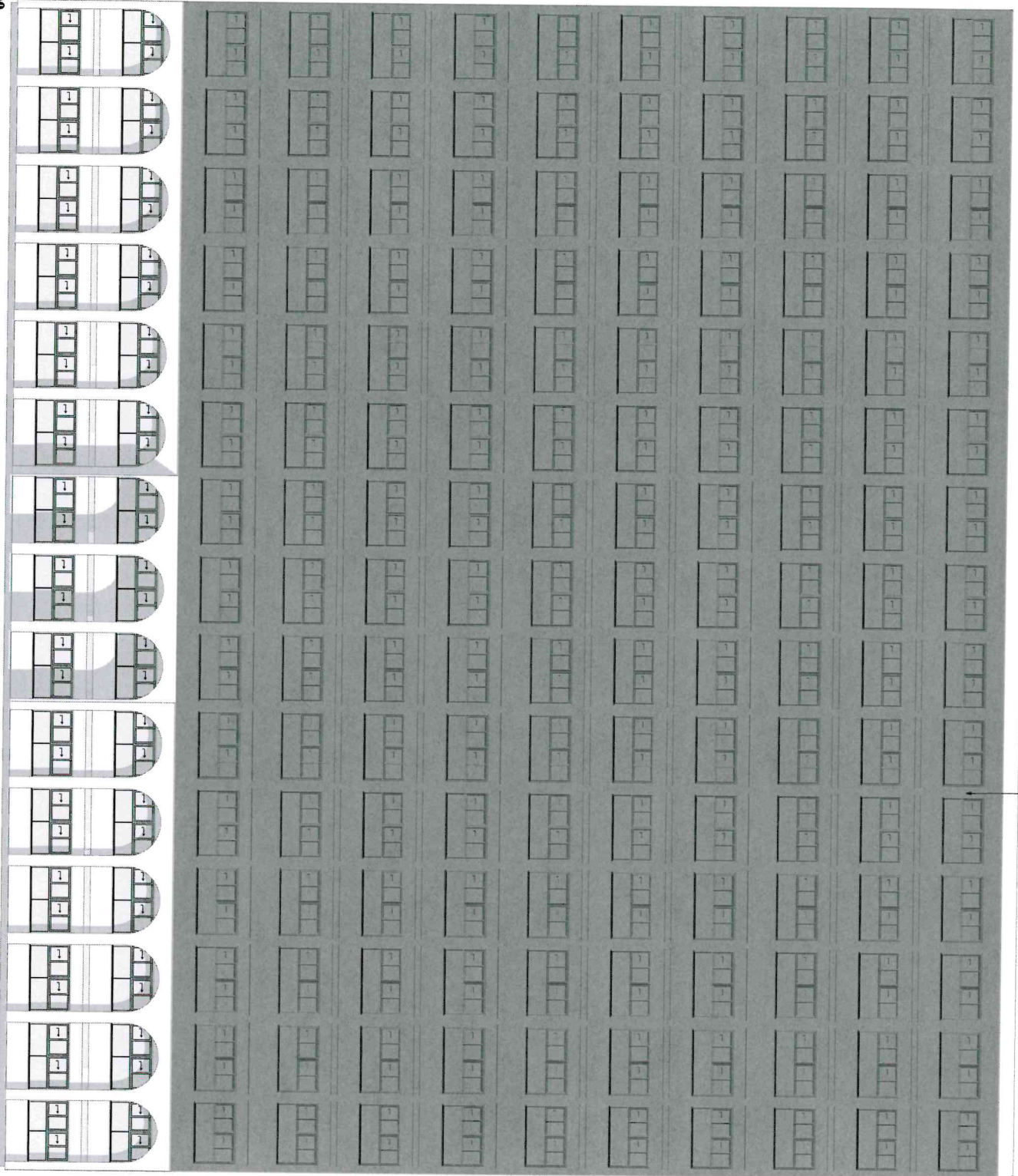


E-05 **SECTION** **1:10**

ELECTRICITY HOUSE MOMBASA

E-09

FRONT ELEVATION



42,000

Meshed banner for branding

30,000

1:100

