



**RURAL ELECTRIFICATION &
RENEWABLE ENERGY CORPORATION**

RFX NO. 100000570

**ADDITIONAL CONTRACTORS FOR SOLAR PV SYSTEMS REPAIR &
MAINTENANCE – FRAME CONTRACT TENDER 2020/2021-2022/2023 PERIOD**

FEBRUARY, 2021

(E-PROCUREMENT SYSTEM)

*RURAL ELECTRIFICATION AND RENEWABLE ENERGY CORPORATION
KAWI HOUSE SOUTH C, BLOCK C,
BEHIND BOMA HOTEL
P.O. BOX 34585-00100,
NAIROBI, KENYA.
Email: procurement@rea.co.ke*

All bidders are advised to read carefully this Tender document in its entirety before making any bid.

SECTION I - INVITATION TO TENDER

The Rural Electrification and Renewable Energy Corporation (REREC) invites bids from interested firms for maintenance of Solar PV Systems installed in schools.

1. Tender documents detailing the requirements may be viewed at REREC E-Procurement Web Portal found on the REREC website (www.rea.co.ke) beginning on **17th February 2021**
2. Bidders who are interested in bidding for this tender **MUST** ensure that they are registered in REREC SAP SRM system and have set up their page. Please ensure compliance to the following
 - a) Each company must have two user accounts; Admin Account and Employee Account. Ensure that the following roles are **NOT ASSIGNED** to the employee; Employee Administrator and Supplier Master Data manager
 - b) Ensure that the admin account and employee account does not share same email address
 - c) Ensure that the **Employee user name** is between 4 and 12 characters.
 - d) All supplier bid documents/Responses shall be uploaded to the **COLLABORATION ROOM** in the link with “**RFX Response Number: Company Name**” .**Bidders shall not attach their documents at any other Tab of the Portal. Attachments placed elsewhere in the portal shall be declared non-responsive.**
3. For the purpose of this tender bidding, the employee account shall be used to submit your RFX responses. Bidders who require any form of assistance on the online bidding from our office should do so strictly between **22nd February, 2021 and 8th March 2021.**
4. Completed Tenders are to be saved as PDF documents marked with the Tender Number and Description and submitted through the REREC E-Procurement Web Portal found on the REREC website (www.rea.co.ke) so as to be received on or before the dates in the schedule above.
5. Tenders will be opened electronically on 10th March 2021 at 10.00am and opening results sent promptly thereafter to all bidders via email.

MANAGER SUPPLY CHAIN
RURAL ELECTRIFICATION AND RENEWABLE ENERGY CORPORATION

SECTION II - TENDER SUBMISSION CHECKLIST

2.0. The following documents shall form part of documents to be uploaded. **(Refer to the evaluation criteria for detailed mandatory requirements)**

NO.	ITEM	TICK
1.	Company or Firm's Registration Certificate	
2.	E-PIN (iTAX) certificate with both VAT and income obligations.	
3.	Valid Tax Compliance Certificate	
4.	ERPA (Formerly ERC) Registration Certificate for the Key Technical Personnel.	
5.	Copy of business permit/council trade license including evidence of physical address	
6.	Confidential Business Questionnaire duly filled, stamped and signed.	
7.	CR12 form from registrar company for Limited Companies not more than 3 months old from tender closing.	
8.	Declaration Form(s) duly completed, stamped and signed.	
9.	Tender Form duly completed, signed and that the Tender is valid for the period required.	
10.	Key Technical person registration with ERC or Firm's registration with ERC	
11.	Copy of registration certificate issued by National Construction Authority (NCA 8) and above for category relevant for power line construction work.	
12.	List of completed works related to solar installation or maintenance .	
13.	Audited accounts of the company for the last two financial years (Certified by a registered Certified Public Accountant) or Six months certified bank statement.	
14.	Evidence of ownership of Motor Vehicles, equipment and tools.	
15.	Evidence of an established up to date safety program, policies and work practices. Bidders to provide a written occupational health and safety policy.	
16.	A list of Names and ranks of employees together with the assigned responsibilities together with copies of academic certificates for proposed technical team	
17.	Commitment to carry out quality repairs and maintenance form.	
18.	Updated Company profile, showing organizational organogram showing Placement/Roles of the Technical Staff.	

3.0. TABLE OF PARAGRAPHS ON INSTRUCTIONS TO TENDERERS

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SECTION III - INSTRUCTIONS TO TENDERERS (ITT)

3.1 Definitions

In this tender, unless the context or express provision otherwise requires: -

- a) *Any reference to any Act shall include any statutory extension, amendment, modification, re-amendment or replacement of such Act and any rule, regulation or order made there-under.*
- b) *“Date of Tender Document” shall be the **start date** specified on the REREC tendering portal.*
- c) *“Day” means calendar day and “month” means calendar month.*
- d) *“KEBS” wherever appearing means the Kenya Bureau of Standards or its successor(s) and assign(s) where the context so admits.*
- e) *“KENAS” wherever appearing means the Kenya National Accreditation Service or its successor(s) and assign(s) where the context so admits*
- f) *“PPRA” wherever appearing means The Public Procurement Regulatory Authority or its successor(s) and assign(s) where the context so admits.*
- g) *Reference to “the tender” or the “Tender Document” includes its appendices and documents mentioned hereunder and any reference to this tender or to any other document includes a reference to the other document as varied supplemented and/or replaced in any manner from time to time.*
- h) *“The Procuring Entity” means Rural Electrification and Renewable Energy Corporation or its successor(s) and assignee(s) where the context so admits (hereinafter abbreviated as REREC).*
- i) *“The Tenderer” means the person(s) submitting its Tender for the supply, installation and commissioning (where applicable) of the goods in response to the Invitation to Tender.*
- j) *Where there are two or more persons included in the expression the “Tenderer”, any act or default or omission by the Tenderer shall be deemed to be an act, default or omission by any one or more of such persons.*
- k) *Words importing the masculine gender only, include the feminine gender or (as the case may be) the neutral gender.*
- l) *Words importing the singular number only include the plural number and vice-versa and where there are two or more persons included in the expression the “Tenderer” the covenants, agreements and obligations expressed to be made or performed by the Tenderer shall be deemed to be made or performed by such persons jointly and severally.*
- m) *REREC’s “authorised person” shall mean its CEO who is designated by the PPAD Act 2015 to exercise such power, authority or discretion as is required under the tender and any contract arising therefrom, or such other REREC staff delegated with such authority.*

- n) *Citizen contractors-means a person/firm wholly owned and controlled by person(s) who are citizens of Kenya.*
- o) *Local contractors- a firm shall be qualified as a local contractor if it is registered in Kenya.*
- p) *Youth, women and Persons with Disability as per the Acts is used to mean*
Person with Disability - means a person with disability who has attained the age of eighteen years and includes a company, association or body of persons, corporate or unincorporated in which at least seventy percent of the shareholders, members or persons and a majority of the directors are persons with disability
Woman - means a person of the female gender who has attained the age of eighteen years and includes a company, association or body of persons, corporate or unincorporated in which at least seventy percent of the shareholders, members or persons and a majority of its directors are of the female gender.
Youth - means a person who has attained the age of eighteen years and has not attained the age of thirty-five years and includes a company, association or body of persons, corporate or unincorporated in which at least seventy percent of shareholders are persons who have attained the age of eighteen years and have not attained the age of thirty-five years.
- q) *“framework agreement” means a pact between a procuring entity and a selected supplier (or suppliers) or contractor (or contractors) identified for a definite term to supply goods works or service whose quantities and delivery schedules are not definable or determinable at the beginning.*
“framework contract” means a pact between a procuring entity and a selected supplier (or suppliers) or contractor (or contractors) identified for a definite term to supply goods works or service whose quantities and deliveries are not definable or determinable at the beginning, with a commitment to order a minimum quantity of the required goods, works, or services

3.2 Eligible Tenderers

3.2.1 A tenderer is eligible to bid for this contract only if the tenderer satisfies the following criteria—

- (a) The tenderer has the legal capacity to enter into a contract for procurement or asset disposal;
- (b) The tenderer is not insolvent, in receivership, bankrupt or in the process of being wound up;
- (c) The tenderer, if a member of a regulated profession, has satisfied all the professional requirements;

- (d) The tenderer and his or her sub-contractor, if any, is not debarred;
- (e) The tenderer has fulfilled tax obligations evidenced by Valid Tax Compliance Certificate.
- (f) The tenderer has not been convicted of corrupt or fraudulent practices;
- (g) is not guilty of any serious violation of fair employment laws and Practices and,
- (h) The tenderer is not Procuring Entity's employees, committee members, board members, Public Servants and their relatives (spouse and children) as per section 66 paragraph 11 of the PPAD Act 2015 are not eligible to participate in the Tender.
- (i)The tenderer has not entered into current frame contract for solar repairs via Rfx no. 1000000357

3.2.1.1. In addition, this Tender is open to all Tenderers eligible as described in the invitation to tender.

3.2.1.2 A Successful Tenderer shall provide the services in accordance with this tender and the ensuing contract.

3.2.2 Notwithstanding any other provisions of this tender, the following are not eligible to participate in the tender:-

- a) REREC's employees, its Board or any of its committee members.
- b) Any Minister or Assistant Minister of the Government of the Republic of Kenya (GoK).
- c) Any public servant of GoK.
- d) Any member of a Board or Committee or any department of GoK.
- e) Any person appointed to any position by the President of Kenya.
- f) Any person appointed to any position by any Minister of GoK.

3.2.3 For the purposes of this paragraph, any relative i.e. spouse(s) and child (ren) of any person mentioned in sub-paragraph 3.2.2 is also ineligible to participate in the tender. In addition, a Minister shall include the President, Vice-President or the Attorney General of GoK.

3.2.4 Tenderers shall provide the qualification information statement that the Tenderer (including all members of a joint venture and subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by REREC's to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods under this Invitation to Tender.

3.2.5 Tenderers shall provide the qualification information statement that the Tenderer (including subcontractors) is not associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by REREC to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods under this Invitation to Tender.

- 3.2.6 Tenderers shall not be under declarations as prescribed in this Tender Document and the Act.
- 3.2.7 Tenderers who are not under these declarations shall complete the Declaration Form strictly in the form and content as prescribed in this Tender Document and the Act.
- 3.2.9 Those that are under the Declaration as prescribed in this Tender Document whether currently or in the past shall not complete the Form. They will submit a suitable Form giving details, the nature and present status of their circumstances.

3.3 Declarations of Eligibility

- 3.3.1 Contractors shall not be under declarations of ineligibility for corrupt, fraudulent practices or any other reasons prescribed by the PPAD or any other law.
- 3.3.2 Contractors who are not under these declarations shall complete the Declaration Form strictly in the form and content as prescribed in this Tender Document.
- 3.3.3 Those that are under the Declaration for corrupt and fraudulent practices whether currently or in the past shall not complete the Form. They will submit a suitable Form giving details, the nature and present status of their circumstances.

3.4 Pre-Bid Meeting

- 3.4.1 REREC will conduct a pre-bid meeting. The purpose of the pre-bid meeting shall be to clarify issues and answer any questions that may be raised at that stage. It will be used to train bidders on creation, processing and submission of bids.
- 3.4.2 Contractors' designated representative is invited to attend the pre-bid meeting which will take place at the REREC Offices at Kawi House, South C-Behind Boma Hotel, Nairobi.
- 3.4.3 The Contractor is requested as far as possible to submit any questions in writing or electronically to reach REREC through the Procurement Manager in address indicated in the Invitation to tender before the pre-bid meeting.
- 3.4.4 Minutes of the pre-bid meeting including the text of the questions raised and the responses given together with any response prepared after the pre-bid meeting may be transmitted those who have downloaded the tender Document and clicked on the participate/Register button of the SAP SRM Portal.
- 3.4.5 Non-attendance during the pre-bid meeting will not be a cause of disqualification of the Tender.

3.5 Cost of Tendering

- 3.5.1 Contractors shall bear all costs associated with the preparation and submission of its Tender. REREC will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.
- 3.5.2 There are no charges for the Tender Document.

3.6 Obtaining the Tender Document

3.6.1 Tender documents detailing the requirements may be obtained by downloading tenders online from the REREC website (www.rerec.co.ke). No tender documents will be issued from any REREC office.

3.6.2 Interested bidders shall register their intention to bid by clicking the register tab/button available in the supplier portal.

3.7 Contents of the Tender Document

3.5.1 The Tender Document comprises the documents listed below and Addendum (where applicable) issued in accordance with paragraph 3.7 of these Instructions to Tenderers:

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- a) *Invitation to Tender*
- b) *Tender Submission Checklist*
- c) *Instructions to Tenderers*
- d) *Appendix to Instructions to Tenderers*
- e) *Schedule of Requirements*
- f) *Project Implementation Schedule*
- g) *Price Schedule for Services*
- h) *Evaluation Criteria*
- i) *General Conditions of Contract*
- j) *Special Conditions of Contract*
- k) *Tender Form*
- l) *Confidential Business Questionnaire Form*
- m) *Tender Security Form*
- n) *Manufacturer's Authorization Form*
- o) *Manufacturer's Warranty*
- p) *Declaration Form*
- q) *Contract Form*
- r) *Performance Security Form*
- s) *Details of Service*
 - (i.) *General Requirements*
 - (ii.) *Specific Details of Services*

3.7.2 The contractor is expected to examine all instructions, forms, provisions, terms and specifications in the Tender Document. Failure to furnish all information required by the Tender Document or to submit a tender not substantially responsive to the Tender Document in every respect will be at the contractor's risk and may result in the rejection of its Tender.

3.7.3 All recipients of the documents for the proposed engagement for the purpose of submitting a tender (*whether they submit a tender or not*) shall treat the details of the documents as "Private and Confidential".

3.8 Clarification of Documents

- 3.8.1 A prospective contractor requiring any clarification of the Tender Document may notify the Procurement Manager in writing via e-mail procurement@rea.co.ke or by hand delivery to REREC's address indicated in the Invitation to tender, at least 7 days before tender opening.
- 3.8.2 REREC will respond in writing to any request for clarification of the Tender documents, which it receives not later than seven (7) days prior to the deadline for the submission of Tenders, prescribed by REREC. Written copies of REREC's response (*including an explanation of the query but without identifying the source of inquiry*) will be published in the REREC portal to be accessed by all prospective bidders before tender closing.

3.9 Amendment of Documents

- 3.9.1 At any time prior to the deadline for submission of Tenders, REREC, for any reason, whether at its own initiative or in response to a clarification requested by a prospective contractor, may modify the Tender Documents by amendment.
- 3.9.2 All prospective firms that have downloaded the Tender Documents will be notified of the amendment(s) (*hereinafter referred to or otherwise known as addendum*) through the REREC website and the portal accessible to all prospective bidders and the same will be binding on them.
- 3.9.3 In order to allow prospective contractor reasonable time in which to take the amendment into account in preparing their Tenders, REREC, at its discretion, may extend the deadline for the submission of Tenders.

3.10 Language of Tender

- 3.10.1 The Tender prepared by the contractor, as well as all correspondence and documents relating to the tender, exchanged between the contractor and REREC, shall be written in English language.
- 3.10.2 Any printed literature furnished by the contractor may be written in another language so long as they are accompanied by an accurate English translation of the relevant passages in which case, for purposes of interpretation of the Tender, the English translation shall govern. The English translation shall be on the contractor's letterhead and shall be signed by the duly authorized signatory signing the Tender and stamped with the contractor's stamp.

3.11 Documents Comprising the Tender

The Tender prepared and submitted by the contractors shall include but not be limited to all the following components: -

- a) *Declaration Form, Tender Form and a Price Schedule completed in compliance with REREC requirements.*
- b) *Documentary evidence established in accordance with paragraph 3.15 that the Tenderer is eligible to tender and is qualified to perform the contract if its tender is accepted.*

- c) *Documentary evidence established in accordance with paragraph 3.16 that the services and any ancillary thereto to be provided by the Tenderer conform to the tender documents, and,*
- d) *Tender Security furnished in accordance with paragraph 3.19*
- e) *A detailed list of previous customers as prescribed for similar services on tender and their contact addresses shall be submitted with the Tender for the purpose of reference, or for evaluation where the Details of Service so dictate.*
- f) *And all other documents indicated in Section II (Tender Submission Checklist)*

3.12 Tender Form

The contractor shall complete and sign the Tender Form and all other documents furnished in the Tender Document, indicating the services to be performed, Methodology of Charging amongst other information required.

3.13 Charges for Services

- 3.13.1 The contractor shall indicate on the appropriate Schedule the rates charged for the services to be rendered as specified in the said schedule.
- 3.13.2 The rates and prices shall be of costs for the Services inclusive of all taxes and insurances payable.

3.14 Tender Currencies

- 3.14.1 The Tenderer shall indicate on the appropriate Price Schedule, the unit prices (where applicable) and total tender price of the services it proposes to provide under the contract.
- 3.14.2 Prices indicated on the Price Schedule shall be of all costs for the services including insurances, duties, Value Added Tax (VAT) and other taxes payable. No other basis shall be accepted for evaluation, award or otherwise.
- 3.14.3 Tender prices to be submitted (quoted) by the Tenderer shall remain fixed for the contract duration.
- 3.14.4 A price that is derived by a disclosed incorporation or usage of an international accepted standard formula shall be acceptable within the meaning of this paragraph.

3.15 Contractor's Competence and Qualifications

- 3.15.1 Pursuant to paragraph 3.2, the contractor shall furnish, as part of its Tender, documents establishing the contractor's eligibility, competence to tender and its qualifications to perform well in any ensuing assignment if its Tender is accepted.
- 3.15.2 The documentary evidence of the Tenderer's qualifications to perform the contract if its Tender is accepted shall be established to REREC's satisfaction –
 - a) *that the Tenderer has the financial capability necessary to perform the contract. The Tenderer shall be required to provide the documents as specified in the Appendix to Instructions to Tenderers including a current Tax Compliance Certificate issued by the relevant tax authorities.*
 - b) *that the Tenderer has the technical capability necessary to perform the contract.*

c) *that the Tenderer is duly registered and is a current member of a recognized body or institution accredited and or pertaining to that service.*

3.15.3 Tenderers with a record of unsatisfactory or default in performance obligations in any contract shall not be considered for evaluation or award. For the avoidance of doubt, this shall include any tenderer with unresolved case(s) in its obligations for more than two (2) months in any contract.

3.16 Conformity of Services to Tender Documents

3.16.1 The Tenderer shall furnish, as part of its tender, documents establishing the conformity to the Tender Document of all services that the Tenderer proposes to perform under the contract.

3.16.2 The documentary evidence of conformity of the services to the Tender Document may be in the form of literature, drawings, and data, and shall (where applicable) consist of:

a) *a detailed description of the essential technical and performance characteristics of the services whether in catalogues, drawings or otherwise,*

b) *a list giving full particulars, including available source and current prices of spare parts, special tools and other incidental apparatus necessary for the proper and continuing performance of the services for a minimum period of two (2) years following commencement of the provision of the services to REREC, and,*

c) *duly completed Statement of Compliance to REREC's Details of Service demonstrating substantial responsiveness of the service to those Details or, a statement of deviations and exceptions to the provisions of the Details of Service.*

3.16.3 For purposes of the documentary and other evidence to be furnished pursuant to subparagraphs 3.15.1, 3.15.2 and paragraph 3.16, the Tenderer shall note that standards for workmanship, material, and equipment, designated by REREC in its Details of Service are intended to be descriptive only and not restrictive. The Tenderer may adopt higher standards in its Tender, provided that it demonstrates to REREC's satisfaction that the substitutions ensure substantial equivalence to those designated in the Details of Service

3.17 Demonstration(s), Inspection(s) and Test(s)

3.17.1 Where required in the tender, all contractors shall demonstrate ability of performance of the required service in conformity with the Details of Services.

3.17.2 REREC or its representative(s) after giving reasonable notice to the contractors shall have the right to inspect/ test the contractor's capacity, equipment, premises, and to confirm their conformity to the tender requirements. This shall include any quality management system. REREC's representative(s) retained for these purposes shall provide appropriate identification at the time of such inspection/ test/ visitation.

3.17.3 REREC shall meet its own costs of the inspection/ test. Where conducted on the premises of the contractors (s), all reasonable facilities and assistance, including access

to literature and documentation save for clients confidential information shall be furnished to the inspectors at no charge to REREC.

3.17.4 Demonstration, Inspection/Test/Visitation Report(s) shall be completed by REREC upon conclusion of the inspection/ tests/ visitations. This Report will be considered prior to appointment.

3.18 Warranty

3.18.1 Where required in the Tender, all Tenderers must also provide a Warranty that services to be rendered in the Tenderer's bid have no defect arising from manufacture, materials or workmanship or from any act or omission of the Tenderer that may develop under normal use or application of the services under the conditions obtaining in Kenya.

3.18.2 This warranty will remain valid for the period indicated in the special conditions of contract after the services, or any portion thereof as the case may be, have been rendered.

3.19 Tender Security

3.19.1 The Tenderer shall furnish, as part of its Tender, a tender security for the amount specified in the Appendix to Instructions to Tenderers. The Original Tender Security, in a clearly labelled envelop, shall be deposited in the Tender Security Box at REREC *Procurement Department* on or before the opening date and time. A scanned soft copy of the same shall be submitted online with the other Tender documents.

3.20 Validity of Tenders

3.20.1 Tenders shall remain valid for a hundred and twenty (120) days after the date of tender opening as specified in the Invitation to Tender or as otherwise may be prescribed by REREC, pursuant to paragraph 3.23. A Tender that is valid for a shorter period shall be rejected by REREC as non-responsive.

3.20.2 In exceptional circumstances, REREC may extend the Tender validity period. The extension shall be made in writing. A bidder shall not be required nor permitted to modify its tender during the extended period.

3.21 Tender Format

3.21.1 Tender evaluation shall be done in three stages;

- i. Checking of compulsory mandatory requirements/Preliminary stage
- ii. Detailed evaluation/Technical stage
- iii. Detailed Financial Comparison of Prices offered.

3.21.2 REREC will determine the responsiveness of each Tender. For purposes of this Tender, a responsive Tender is one that conforms to all the requirements of the Evaluation. REREC's determination of a Tender's responsiveness is to be based on the contents of the Tender itself without recourse to extrinsic evidence.

3.21.3 The Tender shall be divided clearly in descending order as listed in the Tender Submission Checklist. The divisions are for clear identification and marking of the respective documents or information that are serially numbered in the Checklist.

- 3.21.4 The order and arrangement as indicated in the Tender Submission Checklist will be considered as the Tender Format.
- 3.21.5 Any Tender not prepared and signed in accordance with this paragraph may be rejected by REREC as non-responsive, pursuant to paragraph 3.28.

3.22 Preparation and Signing of the Tender

The Tender shall be typed or written in indelible ink. It shall be signed by the Tenderer or a person or persons duly authorized to bind the Tenderer to the contract.

- 3.22.2 The authorization shall be indicated by a written Power of Attorney granted by the Tenderer to the authorized person before any of the following persons:-

- a) *For local Tenderers, a Commissioner of Oaths or a Notary Public or a Magistrate of the Kenyan Judiciary.*
- b) *For foreign Tenderers, a Notary Public in the country of the Tenderer.*

In either case above, the Power of Attorney shall accompany the Tender.

- 3.22.3 All pages of the Tender, including un-amended printed literature, shall be initialed by the person or persons signing the Tender and serially numbered.
- 3.22.4 The Tender shall have no interlineations, erasures, or overwriting except as necessary to correct errors made by the Tenderer, in which case such corrections shall be initialed by the person or persons signing the Tender.
- 3.22.5 REREC will assume no responsibility whatsoever for the Tenderer's failure to comply with or observe the entire contents of paragraph 3.22.
- 3.22.6 Any Tender not prepared and signed in accordance with this paragraph may be rejected by REREC as non-responsive.

3.23 Creation and Submission of Bids.

- 3.23.1. The Bidder shall process and submit its Bid via the Corporation's e-Procurement system as follows:

- (a) Login to REREC portal via url <https://suppliers.rea.co.ke:44300/irj/portal>
N/B: It is assumed that you have already completed the registration process and that your registration has been approved by REREC and you have created an employee user account to transact with REREC via url [https://suppliers.rea.co.ke:44200/supportal\(bD11biZjPTUwMCZkPW1pbg==\)/bspwdapplication.do#VIEW_ANCHOR-ROS_TOP](https://suppliers.rea.co.ke:44200/supportal(bD11biZjPTUwMCZkPW1pbg==)/bspwdapplication.do#VIEW_ANCHOR-ROS_TOP)

For the purpose of bidding, each firm must ensure the following

- Each company must have two user accounts; **Admin Account and Employee Account.** Ensure that the following roles are NOT ASSIGNED to the employee; Employee Administrator and Supplier Master Data manager.
- Ensure that the admin account and employee account does not share same email address

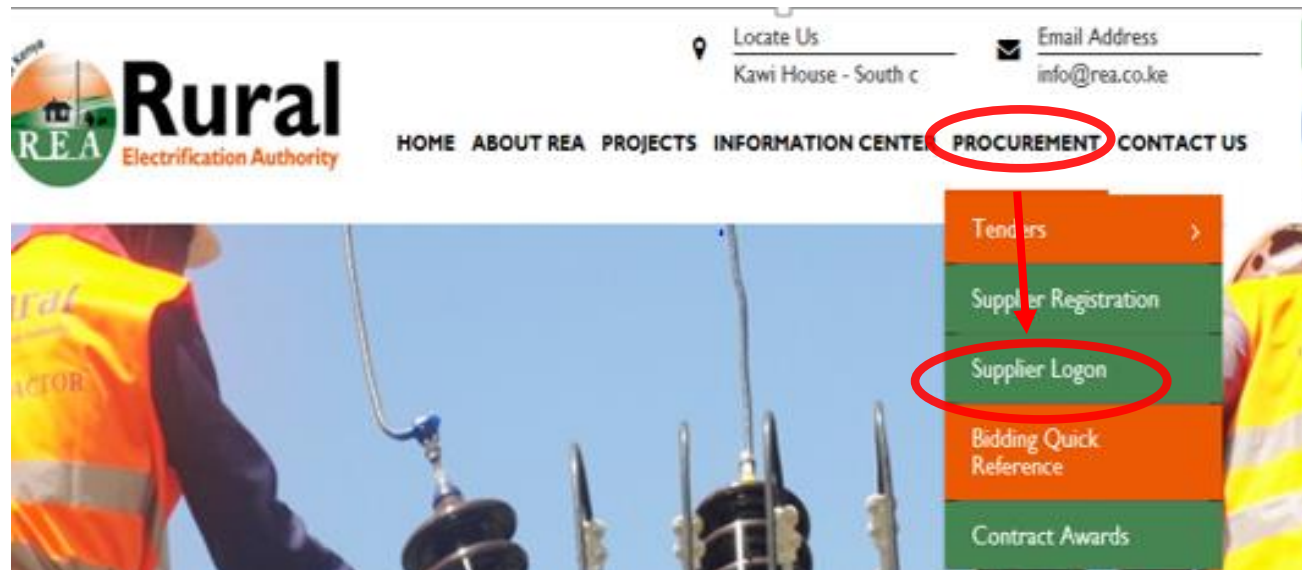
- Ensure that the Employee user name is between 4 and 12 characters.
 - For the purpose of this tender bidding, **the employee account** shall be used to submit your RFX responses.
- (b) Choose RFX and Auction link in the navigation pane
 - (c) Click on the RFX number to open it
 - (d) Click Register and then Click Participate
 - (e) Click Create response; You will get a unique number for your response for the RFX
 - (f) Navigate to the Notes and Attachments tab and click on Collaboration link at the bottom of the screen (the link will be in the format “**RFX Response No: Company Name**”). If under your notes and attachment no link is formed in the collaboration room, **you are advised to delete the response and create a new one** until the link is formed, in this link all the documents of the tender shall be uploaded.

N/B: You can view and download all documents pertaining to the tender from here. Ensure that all documents are uploaded to the Collaboration room in the link with “RFX Response Number: Company Name” No responses shall be attached to the ‘Attachments Tab’ or any other place in the Portal as any such action shall be treated non-responsive, and the attachments shall not be evaluated.

You are to login to the collaboration link and upload all the required documents

- (g) Enter bid price in the item tab and fill in all required information for the response. This price shall be read out price during the opening. This price must be similar to price entered in the BoQ/Price Schedule
- (h) **No value shall be entered under the RFX information “Target Value for RFX”**
- (i) Check for errors by clicking the Check button
- (j) Click on Save to review later or Submit to send the response to REREC

Supplier quick bidding reference with pictorials can be found in the REREC website as shown below for further use.



3.23.2 The tender shall be typed or written in indelible ink. They shall be signed by the Tenderer or a person or persons duly authorized to bind the Tenderer to the contract.

3.23.3 The authorization shall be indicated by a written Power of Attorney granted by the Tenderer to the authorized person before any of the following persons:-

- a) *For local Tenderers, a Commissioner of Oaths or a Notary Public or a Magistrate of the Kenyan Judiciary.*
- b) *For foreign Tenderers, a Notary Public in the country of the Tenderer.*

In either case above, the Power of Attorney shall accompany the Tender.

3.23.4 All pages of the Tender, including un-amended printed literature, shall be initialled by the person or persons signing the Tender and serially numbered.

3.23.5 The Tender shall have no interlineations, erasures, or overwriting except as necessary to correct errors made by the Tenderer, in which case such corrections shall be initialled by the person or persons signing the Tender.

3.23.6 REREC will assume no responsibility whatsoever for the Tenderer's failure to comply with or observe the entire contents of this paragraph 3.21.1.

3.23.7 Any Tender not prepared and signed in accordance with this paragraph may be rejected by REREC's as non-responsive.

3.24. **Modification/Withdrawal and Deadline for Submission of Tenders**

3.24.1 Modification: A bidder may before tender closing edit their RFX response by clicking edit and resubmitting after editing the response.

3.24.2 Withdrawal: A Bidder may withdraw a Bid after it has been submitted by clicking withdraw if they are no longer interested in participating in the tender. A withdrawn bid shall not be evaluated

3.24.3 Deadline for Submission of Tenders: Tenders must be submitted online on or before the time specified in the Invitation to Tender.

REREC may, at its discretion, extend this deadline for submission of Tenders by amending the tender documents in accordance with paragraph 3.7, in which case all rights and obligations of REREC's and the Tenderer previously subject to the initial deadline, will therefore be subject to the deadline as extended.

3.25 Tender Opening

3.25.1 The Employer will open the tenders electronically in the presence of the tenderers' representatives who choose to attend at the time and location indicated in the Letter of Invitation to Tender. The tenderers' representatives who are present shall sign a register evidencing their attendance.

3.25.2 At the tender opening, the Employer will announce the tenderer's names, tender price, tender price modifications and tender withdrawals, if any, the presence of the requisite Tender Surety and such other details as the Employer, at his discretion, may consider appropriate. No tender shall be rejected at the tender opening except for late tenders.

3.25.3 The Employer shall prepare a tender opening register and minutes of the tender opening including the information disclosed to those present.

3.25.4 Tenders not opened and read out a tender opening shall not be considered further for evaluation, irrespective of the circumstances. A tender who for any reason was not available in the Tender opening platform of the Procuring Entity and whose price was not read will not be evaluated

3.26 Process to be Confidential

3.26.1 After the opening of tenders, information relating to the examination, clarification, evaluation and comparisons of tenders and recommendations arising there-from shall not be disclosed to a Tenderer or other person(s) not officially concerned with such process until conclusion of that process.

3.26.2 Conclusion of that process shall be deemed to have occurred, at the latest, by the date and time REREC notifies the successful bidder(s). In any event, official disclosure by REREC of any information upon conclusion of that process may only be to the unsuccessful bidders and may contain only the information permissible by law in summary form.

3.26.3 Any effort by a Tenderer to influence REREC or any of its staff members in the process of examination, evaluation and comparison of tenders and information or decisions concerning the Tender may result in the disqualification of the Tenderer.

3.27 Clarification of Tenders and Contacting REREC

3.27.1 To assist in the examination, evaluation and comparison of Tenders REREC may, at its discretion, ask the Tenderer for a clarification of its Tender. The request for

clarification and the response shall be in writing, and no change in the prices or substance of the Tender shall be sought, offered, or permitted.

- 3.27.2 The Tenderer is required to provide timely clarification or substantiation of the information that is essential for effective evaluation of its qualifications. It is the responsibility of the Tenderer to provide in writing the clarification or substantiation which should reach REREC within five (5) days from the date of REREC's query. Such writing may include by electronic mail, facsimile or postal mail. Should there be no conclusive response within this period, it shall result in the Tenderer's disqualification.
- 3.27.3 Save as is provided in this paragraph and paragraph 3.27 above, no Tenderer shall contact REREC on any matter related to its Tender, from the time of the tender opening to the time the successful Tenderer is announced.
- 3.27.4 Any effort by a Tenderer to influence REREC in its decisions on tender evaluation, tender comparison, tender recommendation(s) or signing of Agreement may result in the disqualification of the Tenderer.

3.28 Preliminary Evaluation and Responsiveness

- 3.28.1 Prior to the detailed Technical and Financial evaluation, REREC will determine the substantial responsiveness of each Tender. For purposes of this tender, a substantially responsive Tender is one that conforms to the requirements of Preliminary Evaluation. REREC's determination of a Tender's responsiveness is to be based on the contents of the Tender itself without recourse to extrinsic evidence.
- 3.28.2 REREC will examine the Tenders to determine whether they conform to the Preliminary Evaluation Criteria set out in Section VI Evaluation Criteria.
- 3.28.3 Notwithstanding the contents of the foregoing sub-paragraphs, if a Tender is not substantially responsive, it will be rejected at the earliest stage of evaluation by REREC and cannot subsequently be made responsive by the firm by correction of any non-conformity.

3.29 Minor Deviations, Errors or Oversights

- 3.29.1 REREC may waive any minor deviation in a Tender that does not materially depart from the requirements of the Services set out in the Tender Document.
- 3.29.2 Such minor deviation -
- a) Shall be quantified to the extent possible
 - b) Shall be taken into account in the evaluation process and comparison of tenders and,
 - c) Shall be applied uniformly and consistently to all qualified Tenders duly received by REREC.
- 3.29.3 REREC may waive errors and oversights that can be corrected without affecting the substance of the Tender.
- 3.29.4 A material deviation or reservation is one –

- a) which affects in any substantial way the scope, quality, or ability of performance of the Services;
- b) which limits in any substantial way, inconsistent with the tendering documents, REREC's rights or the firm's obligations under any ensuing engagement; or,
- c) whose rectification would affect unfairly the competitive position of other firms presenting responsive tenders.

3.30 Technical Evaluation and Comparison of Tenders

3.30.1 REREC will further evaluate and compare the Tenders that have been determined to be substantially responsive, in compliance to the Technical Evaluation Criteria as set out in the Tender Document.

3.31 Financial Evaluation

3.31.1 The financial evaluation and comparison shall be as set out in the Financial Evaluation Criteria. The comparison shall be of the –

- a) Methodology of Charging for Services
- b) Audited Financial Statements or Bank Statements
- c) Quantified deviations, if any, as relates to any of the tender requirements

3.32 Preferences

3.32.1 Preferences for the certified Youth, Women and Persons with Disabilities will be applied as per the PPAD, 2015.

3.33 Tender Evaluation Period

3.33.1 The Evaluation Committee may conduct and complete evaluation of the tender within thirty (30) days of the validity period.

3.33.2 Notwithstanding the above, the evaluation period as stated in the Evaluation Criteria may be extended by REREC but in any event such evaluation will not exceed twenty one (21) days in the validity period of the tender.

3.34 Debarment of a contractor

3.34.1 A contractor that gives false information in the Tender about its qualification or which refuses to enter into a contract after notification of appointment shall be considered for debarment from participating in future public procurement.

3.35 Confirmation of Qualification for Appointment

3.35.1 REREC may confirm to its satisfaction whether a contractor's that is selected as having submitted the lowest compliant evaluated responsive tender is qualified to be appointed and perform any eventual assignment satisfactorily.

3.35.2 The confirmation will take into account the contractor's financial, technical, and performance capabilities. It will be based upon an examination of the documentary evidence of the contractor's qualifications submitted by it pursuant to paragraphs 3.11 and 3.15 as well as confirmation of such other information as REREC deems necessary

and appropriate. This may include offices and other facilities inspection and audits; cleanliness, orderliness of its offices, and, general satisfaction and good welfare of its staff.

- 3.35.3 An affirmative confirmation will be a prerequisite for appointment of the contractor. A negative confirmation will result in rejection of the contractor's Tender, in which event REREC will proceed to fill in the available gap by the next available lowest evaluated responsive tender to make a similar confirmation of that firm's capabilities to perform satisfactorily.

3.36 Notification of Appointment

- 3.36.1 Prior to the expiration of the period of tender validity, REREC shall notify the successful bidder(s) in writing that its Tender has been approved.
- 3.36.2 The notification of appointment shall not constitute the formation of the contract.
- 3.36.3 Simultaneously, on issuance of Notification of Appointment to the successful Bidder(s), REREC shall notify each unsuccessful Bidder(s) in writing that its Tender has been accepted.
- 3.36.2 Subject to paragraph 3.35.3, the successful contractors shall be those whose Tenders have been determined to be substantially responsive, compliant with the evaluation criteria and have been determined to be the lowest evaluated tenders, and further, where deemed necessary, that the contractors are confirmed to be qualified for appointment.
- 3.36.3 The appointment of contractor shall take into account the need for REREC to have appropriate representation in its regions.

3.37 Termination of Procurement Proceedings

- 3.37.1 REREC may at any time terminate procurement proceedings before Notice of Appointment or Rejection and shall not be liable to any person for the termination.
- 3.37.2 REREC shall give prompt notice of the termination to the contractors, and, on request from any firm, give its reasons for termination within fourteen (14) days of such request.

3.38 Acceptance of Appointment

- 3.38.1 At the same time as REREC notifies the successful Tenderers that they have been awarded as per this tender, REREC will send the Tenderer the Contract Agreement provided in the Tender Document together with any other necessary documents incorporating all agreements between the Parties.
- 3.38.2 Within fourteen (14) days of the date of notification of award, the successful Tenderer shall only sign the Contract Form and all the documents specified in that Form and return them to REREC within that period of fourteen (14) days.
- 3.38.3 REREC shall sign and date the Contract in the period between not earlier than fourteen (14) days from the date of notification of contract award. Further, REREC shall not sign the contract until and unless the authentic performance security is received in accordance with paragraph 3.36.

- 3.38.4 Failure of the successful Tenderer to sign the Contract, the award shall be annulled and its tender security forfeited in which event REREC shall notify the next lowest evaluated Tenderer that its Tender has been accepted.
- 3.38.5 Paragraph 3.33 together with the provisions of this paragraph 3.35 will apply with necessary modifications with respect to the Tenderer notified under sub-paragraph 3.35.3.
- 3.38.6 Within fourteen (14) days of the date of notification of award from REREC, the successful Tenderer shall furnish REREC with a Performance Security which shall be either one or a combination of the following:
- a) An original Bank Guarantee that is strictly in the form and content as prescribed in the Performance Security Form (Bank Guarantee) in the Tender Document.
- 3.38.7 The Performance Security shall be issued by a commercial bank licensed by the Central Bank of Kenya. The bank must be located in Kenya.
- 3.38.8 Upon Acceptance, the successful Tenderers will have to furnish the Corporation with a performance bond of **10% of the Contract price** from a reputable Local Commercial Bank.
- 3.38.9 REREC shall seek authentication of the Performance Security from the issuing bank. It is the responsibility of the successful Tenderer to sensitize its issuing bank on the need to respond directly and expeditiously to queries from REREC. The period for response shall not exceed three (3) days from the date of REREC's query. Should there be no conclusive response by the Bank within this period, such successful Tenderer's Performance Security may be deemed as invalid.
- 3.38.10 Failure of the successful Tenderer to furnish an authentic Performance Security, the award shall be annulled and the Tender Security forfeited, in which event REREC may notify the next lowest evaluated Tenderer that its Tender has been accepted.
- 3.38.11 Paragraph 3.35, 3.36 together with the provisions of this paragraph 3.37 will apply with necessary modifications, and as far as circumstances permit, with respect to the Tenderer notified under sub-paragraph 3.37.5.

3.39 Corrupt or Fraudulent Practices

- 3.39.1 REREC requires that contractors observe the highest standard of ethics during the procurement process and execution of contracts. When used in the present Regulations, the following terms are defined as follows: -
- a) *“Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of public official in the procurement process or in contract execution;*
- b) *“Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of REREC, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive REREC of the benefits of free and open competition.*

3. 39.2 REREC will nullify its notification of award if it determines that the contractor recommended has engaged in corrupt or fraudulent practices in competing for the contract in question.
3. 39.3 Further, a Tenderer who is found to have indulged in corrupt or fraudulent practices risks being debarred from participating in public procurement in Kenya.

3.40 Joint Venture

- 3.40.1 Tenders submitted by a joint venture of two or more firms, as partners shall comply with the following requirements: -
- a) The Tender Form and in case of a successful tender, the Contract Agreement Form, shall be signed so as to be legally binding on all partners of the joint venture.
 - b) One of the partners shall be nominated as being lead contractor, and this authorization shall be evidenced by submitting a Power of Attorney signed by legally authorized signatories of all the partners.
 - c) The Power of Attorney which shall accompany the tender, shall be granted by the authorized signatories of all the partners as follows:-
 - i. for local bidders, before a Commissioner of Oaths or a Notary Public or Magistrate of the Kenyan Judiciary.
 - ii. for a foreign bidder, before a Notary Public, or the equivalent of a Notary Public, and in this regard the bidder shall provide satisfactory proof of such equivalence.
 - iii. the lead contractor shall be authorized to incur liability and receive instructions for and on behalf of any and all the partners of the joint venture and the entire execution of the contract including payment shall be done exclusively with the lead contractor.
- 3.40.2 All partners of the joint venture shall be liable jointly and severally for the execution of the contract in accordance with the contract terms, and a relevant statement to this effect shall be included in the authorization mentioned in paragraph 3.3.1 (b) above as well as in the Form of Tender and the Contract Agreement Form (in case of the accepted tender).

The JV must be in either of the following forms –

- a) A registered JV agreement. The registration may either be:-
 - i. At the Ministry of Transport, Infrastructure, Housing and Urban Development or,
 - ii. At the Office of the Attorney General, or
 - b) A Letter of Intent to enter into a joint venture including a draft JV Agreement indicating at least the part of the Works to be executed by the respective partners.
- 3.40.3 a) The JV agreement should be signed by at least two directors from each company or firm that is a party to the JV
- b) The JV agreement must be under the company or firm seal
 - c) The Letter of Intent should be signed by at least one director from each company or firm that is a party to the intended joint venture.

- 3.40.4 A copy of the agreement entered into by the joint venture partners shall be submitted with the tender.

APPENDIX TO INSTRUCTIONS TO TENDERERS

The following information regarding the particulars of the tender shall complement and or amend the provisions of the Instructions to Bidders *hereinafter abbreviated as ITC*. Wherever there is a conflict between the provisions of the ITC and the Appendix, the provisions of the Appendix herein shall prevail over those of the ITC.

No.	<i>ITC Reference Clause</i>	<i>Particulars of Appendix</i>
1.	<i>Eligible Candidates</i>	<p>I. Only local firms whose Key Technical staff is registered with ERC are eligible to apply. i.e</p> <ul style="list-style-type: none"> • One supervisor with T3 Licence and Degree/Higher Diploma qualification in electrical/mechanical engineering. • Two technicians with T2 licence and Diploma in electrical/mechanical engineering. <p>II. Contractors who have NOT entered into frame contract with REREC for solar maintenance via Rfx 100000357</p> <p>Note</p> <p>1) Directors in one company should not be associated in any other bidding company within this tender. If one or more directors appear in more than one company, ALL those companies associated will be disqualified.</p> <p>2) If discovered that a director(s) have other companies and bid through proxies, ALL those companies will be disqualified.</p>
2.	<i>Contract period</i>	<i>This is a three (3) year frame contract tender. The contract shall be renewable annually based on performance.</i>
3.	<i>Tender Submission, Tender Number of Sets of and Tender Format</i>	<p><i>Bidders shall ensure that:</i></p> <ul style="list-style-type: none"> • Only one document is submitted on the e-procurement portal. • They upload all the required documents in pdf format into the web portal. • Documents shall be arranged according to order in the check list and as requested in specific sections
4.	<i>Performance bond</i>	<i>The successful bidder shall furnish an annual performance bond being the sum of Ksh 500,000.00</i>
5.	<i>Opening of Tenders</i>	<i>The tender shall be opened electronically at Kawi House Mini-Board Room on the date indicated in the instruction to tenderers.</i>
6.	<i>Tender Security</i>	<i>N/A for this tender</i>

No.	<i>ITC Reference Clause</i>	<i>Particulars of Appendix</i>
7.	<i>Documentary evidence of financial capability</i>	<i>The audited financial statements required must be those that are reported within 2 years (24) calendar months of the date of the tender document. The statement must be stamped and signed. The auditors must be currently registered as a practicing by ICPAK.</i>
8.	<i>Mode of Award of Contract</i>	<ol style="list-style-type: none"> <li data-bbox="581 422 1393 541">1. Contractors must choose to work from REREC Regions/Lots, they shall be required to choose ONLY preferred regions. <li data-bbox="581 558 1393 762">2. In case of a total cost tie between two bidders in one Lot, the one who scored higher in the Technical scores shall be awarded, and in case it is a tie in both total cost and technical score then the one with the most experience in work and staff shall be awarded. <li data-bbox="581 779 1393 898">3. Award of services shall be based on the lowest evaluated sum of quoted unit rates submitted by bidders. i.e. lowest evaluated successful bid per lot. <li data-bbox="581 915 1393 1035">4 The award shall be per lot basis, each bidder shall be awarded 1 lot. No bidder shall be awarded more than one lots in this tender, however, they are free to quote for many lots. <li data-bbox="581 1052 1393 1117">5. All REREC projects in a lot (Constituency/ies) shall be awarded to best evaluated bidders only.

SECTION IV – DETAILED EVALUATION CRITERIA

NO	PRELIMINARY EVALUATION
1	Submission of Certificate of Incorporation or Certificate of Registration and a valid business permit issued by relevant authority
2	Submission of e-PIN (itax PIN) Certificate, with both income and VAT obligations
3	Submission of Valid TAX Compliance Certificate
4	Submission of latest CR12 Certificate NOT MORE than 3 months old as at tender closing date.
5	Submission of duly Completed Confidential Business Questionnaire (Stamped and signed)
6	Submission of a copy of a valid/current Solar PV Contractor’s License from ERC, Kenya, CLASS C1 or V1.
7	Confirmation of Registration with NCA in Electrical Engineering or Mechanical Services
8	Confirmation that attachments were uploaded in Cfolders
9	Cofirmation that the bidder was not awarded contract for solar maintenance via Rfx 1000000357
10	Submission of catalogues and brochures in manufacturers letterhead containing technical data as provided in the technical specifications for all main equipment - Solar module, Batteries, Inverter/Charger, Energy Meter, LED Lights. Only one catalogue/brochure to be submitted per equipment.
11	Submission of manufacturers contact details including a valid official email address (gmail or yahoo email address will not be accepted) and website for international companies
12	Confirmation of business Premise, workshops and service center with relevant tools and equipment whether owned or leased with evidence of valid lease agreements and OSHA registration of workplace certificate.
13	Manufacture’s ISO9001:2015 certification or KEBS certification for local manufacturers for quality management for the key equipment i.e, Solar module, Batteries, Inverter/Charger, Energy Meter, LED lights should be valid
14	<u>Manufacturers ISO14001:2015 or NEMA / energy policy certification on Environmental Management Policy for key equipment - Solar module, Batteries, Inverter/Charger, Energy Meter, LED lights should be valid</u>
NO	TECHNICAL EVALUATION
1	
2	Confirmation that the bidder does not have a record of abandoned REREC Project
3	The bidder must have at least 2 years past experience in related projects (Solar PV systems installation) of similar scope and value. The bidder shall attach atleast 3 Completion Certificates as proof of previous work done/ experience
4	Verification of Professional Qualification and experience for key staff, which key staff shall be the Project Supervisor and two (2) Technicians.

	<ul style="list-style-type: none"> • The Project Supervisor must possess a Degree/Higher National Diploma in Electrical or Mechanical Engineering with 3 years' verifiable experience in Electro-Mechanical installation works supervision with 2 years being in Solar PV installation and ERC T3 license (Signed CV's by the Supervisors and the owner/director) • The technicians shall have at least a Diploma in Electrical or Mechanical Engineering with a minimum of three (3) years of experience in electro-mechanical works. The technicians MUST be holders of at least ERC T2 license <p><i>(CVs shall be signed by the employees and bidder representative)</i></p>
5	List of relevant tools, equipment, vehicles etc whether owned or leased with evidence of valid lease agreements where applicable.
6	The detailed specifications for Inverter, modules and charge controller MUST meet the minimum specifications stated in the tender document. Submission of more than one set specifications per equipment will render the tender non-responsive.
9	Verification of Professional manufacturer's authorizations and warranties. Email communication may be send to the proposed manufacturers for confirmation through the provided email address. Bids whose manufacturers don't respond within seven (7) will be considered non-responsive.
NO	FINANCIAL EVALUATION
1	Provide Audited Accounts for the last 2 years or at least 6 months certified bank statement.
2	Provide evidence (copies of supportive documents) of access to financial resources to undertake the works: cash in hand, lines of credit, letters of commitment from bank, etc.
3	Bidders written Authority to REREC to seek references from the tenderer's bankers;
4	Confirmation that the BQ for the evaluated lot has been fully completed.

OTHER REQUIREMENTS

- a) Any form of Canvassing will lead to disqualification

SECTION VI (1) TERMS OF REFERENCE

SOLAR MAINTENANCE PROGRAMME – 2020/2021 – 2022/2023

SECTION VI (1) TERMS OF REFERENCE

SOLAR MAINTENANCE PROGRAMME – 2020/2021 – 2022/2023

TERMS OF REFERENCE

1. Background

The Rural Electrification and Renewable Energy Corporation (REREC) is a state Corporation established under the Energy Act 2019, article 43(1). The Corporation has the mandate of spearheading Kenya's green energy drive, in addition to implementing rural electrification projects.

The Corporation plans to maintain solar PV systems installed in primary and secondary to support the digital learning programme (DLP). In this regard, The Corporation intends to procure contractors for the maintenance of the installed system on need basis for a contract period of one-year renewable two times based on performance.

The contractors are expected to do the work in conformity with the relevant technical standards, specifications, protocols and regulations (*Solar Photovoltaic Systems) Regulations, 2012*) and shall be required to demonstrate professional, technical and financial competency to undertake the works under the terms and conditions as shall be set forth herein and in the contract.

2. Scope of Work

Introduction

The scope of work involve supply, installation, testing and commissioning of the equipment and materials on need basis.

General Specifications

1. Tenderers are requested to submit with their offers the detailed brochures, catalogues, datasheets and drawings from the manufacturers for the products they intend to use.
Downloads from the internet will not be accepted.
2. The tenderers MUST offer ONLY one (1) set of detailed specifications per equipment.

3. Tenderers must indicate on the specifications sheets whether the equipment offered comply with the technical specifications. Specific values where applicable should be entered into the specifications sheet.
4. All the dimensions and capacities of the equipment to be supplied shall not be less than those required in these specifications. Deviations from the basic requirements, if any, shall be explained in detail in writing with the offer with supporting data such as calculation sheets, test reports and performance indices. REREC reserves the right to reject the products, if such deviations shall be such as to materially affect the use and operation of the products
5. The tenderers are requested to present information along with their offers as follows :
 - Shortest delivery period of each product
 - Information on proper representative and/or workshop for back-up service/repair and maintenance including the names and addresses
6. All offered equipment must comply with the relevant International (IEC) & local Standards.
7. If successful and awarded to job, the contractor shall provide a completion report together with the request for joint inspection or/and commissioning. The contractor completion report shall:
 - Contain the list of all installed equipment with respective serial numbers and manufacturers warranties (the employer may confirm the warranties with the manufacturer is he deems it necessary)
 - Be signed by at least a T2 technician with a valid license
 - Original equipment manufacturers contacts.
 - Properly filled installed equipment specifications datasheet
8. Commissioning shall only be arranged if the a satisfactory completion report is submitted
9. At least a T2 technician **MUST** be present throughout the joint inspection exercise.
10. The contractor representative signing the Commission exercise **MUST** be at least a T2 holder with a valid license.

3. Technical Specifications for Equipment and Accessories

A. Inverters – 1500W

	REREC Requirement		Tenderer Response
1	Name of Manufacturer, Brand Name, Model, Type		
2	Rated Continuous Output power –	1500W Pure sine wave for Power Inverter and 1000W Pure Sine Wave for Lighting Inverter	
3	Surge Power Capability	200% of rated continuous Power	
4	Peak Efficiency (Minimum)	85%	
5	Frequency	50HZ	
6	Nominal Input voltage	24VDC	
7	Output Voltage Range	220 - 240V AC (RMS)	
8	Output Voltage Regulation	+/- 5%	

9	Battery low shut down	(10.5+/-0.5) VDC	
10	Protection (electrical)	Overload and short circuit Low battery disconnect	
11	Power factor capability	-1 to +1	
12	Charging algorithm of charger	Constant voltage	
13	Charger input voltage range	200V to 250V AC	
14	Minimum rated Charging Current	20A	
15	Guarantee	5 years	

B. Inverter – 2,000W

	REREC Requirement	Tenderer Response
1	Name of Manufacturer, Brand Name	
2	Model No.	
3	Minimum Rated Continuous Output power	2KW Pure sine wave for Power Inverter
4	Main Features	Smart LCD setting (Working modes, Charge current, Charge voltage); WIFI / USB monitoring function,
5	MPPT efficiency	98%
6	Rated Continuous Output power –	1,800W Pure sine wave for Power Inverter
7	Surge Power Capability	300% of rated continuous Power
8	Peak Efficiency (Minimum)	>90%
9	Frequency	50/60HZ
10	Nominal Input voltage	24VDC
11	Output Voltage Range	220 - 240V AC (RMS)
12	Output Voltage Regulation	+/- 5%
13	Battery low shut down	(20.5+/-0.5) VDC
14	Low voltage battery recover	21VDC
15	High battery voltage cutoff	30VDC
16	Idle consumption	<30W with power saver mode option
17	Protection (electrical)	Overload and short circuit Low battery disconnect
18	Power factor capability	-1 to +1
19	Charging algorithm of charger	Constant voltage
20	Charger input voltage range	200V to 250VAC
21	Minimum rated Charging Current	40A
22	Maximum Charge current	60A
23	Display	LED + LCD
24	Operating temperature range	0 to 40 degree Celsius
25	Charge controller	MPPT – 60A, Built in
26	Audible noise	60dB Max

27	Guarantee	5 years	
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C. Inverter – 4,000W

	REREC Requirement	Tenderer Response
1	Name of Manufacturer, Brand Name	
2	Model No.	
3	Minimum Rated Continuous Output power	4KW Pure sine wave for Power Inverter
4	Main Features	Smart LCD setting (Working modes, Charge current, Charge voltage); WIFI / USB monitoring function,
5	MPPT efficiency	98%
6	Rated Continuous Output power –	3,000W Pure sine wave for Power Inverter
7	Surge Power Capability	300% of rated continuous Power
8	Peak Efficiency (Minimum)	>90%
9	Frequency	50/60HZ
10	Nominal Input voltage	48VDC
11	Output Voltage Range	220 - 240V AC (RMS)
12	Output Voltage Regulation	+/- 5%
13	Battery low shut down	(20.5+/-0.5) VDC
14	Low voltage battery recover	21VDC
15	High battery voltage cutoff	30VDC
16	Idle consumption	<30W with power saver mode option
17	Protection (electrical)	Overload and short circuit Low battery disconnect
18	Power factor capability	-1 to +1
19	Charging algorithm of charger	Constant voltage
20	Charger input voltage range	200V to 250VAC
21	Minimum rated Charging Current	40A
22	Maximum Charge current	80A
23	Display	LED + LCD
24	Operating temperature range	0 to 40 degree Celsius
25	Charge controller	MPPT – 80A, Built in
26	Audible noise	60dB Max
27	Guarantee	5 years

D. Charge Controller

	REREC Requirement	Tenderer Response
1	Name of Manufacturer, Brand Name, Model, Type	
2	Main features	Series or Shunt type, constant-voltage, pulse width - modulation (PWM) charging,

		with battery type (sealed/gel and flooded lead acid) selection provision and temperature compensation.	
3	Nominal Voltage	24V DC	
4	Rated solar charging current	As per description in the Bills of Quantities	
5	Earthing	Negative earth	
6	Metering	Digital metering for currents and voltages	
7	Operating temperature	40 to + 60° C	
8	Protection	Reversed polarity protection, Overload and short circuit protection, lightning and transients surge protection, Night reverse current protection (blocking diode or equivalent.)	
9	Self- Consumption	0.5% (Maximum) of rated current	
10	Status Indicators (minimum)	Charging and low battery visual indicators	
11	Guarantee	5 years	

E. Storage Batteries - 12V/200AH

	REREC Requirement		Tenderer Response
1	Name of Manufacturer, Brand Name, Model, Type		
2	Rated capacity	As per Description in the Bills of Quantities	
3	Deep Cycle		
4	Discharge rate to 1.75V/Cell for the Specified Capacities	Maximum 20 Hours	
5	Battery Type	Dry sealed batteries (Maintenance Free)	
6	Plate type	Flat plate or Tubular acceptable	
7	Electrolyte	Gel Type	
8	Nominal Voltage	12V. Supply may be in 12V or 6V mono-blocks	
9	Minimum Cycle Life	1,500 cycles at 50% daily depth of discharge	
10	Casing material	Polypropylene or similar translucent/transparent case	
11	Minimum charge retention	60% in 8 months	
12	Monthly self-discharge ratio	<3%	
13	Warranty	5 years	

F. Storage Batteries – 2v/400AH

	REREC Requirement	Tenderer Response
--	-------------------	-------------------

1	Name of Manufacturer, Brand Name		
2	Model No.		
3	Originality Verification system	Barcode or Serial number with batch number	
4	Rated capacity	400Ah @ 10hr , 1.80v per cell @ 25 degree Celsius	
5	Deep Cycle		
6	Discharge rate to 1.75V/Cell	Maximum 20 Hours	
7	Battery Type	Dry sealed batteries (Maintenance Free)	
8	Plate type	Tubular	
9	Electrolyte	Gel	
10	Nominal Voltage	2V	
11	Minimum Cycle Life	5,500 cycles at 30% daily depth of discharge	
12	Minimum Design life	20 years	
13	Maximum Charging current	120.0A	
14	Casing material	Polypropylene or similar translucent/transparent case	
15	Minimum charge retention	60% in 8 months	
16	Monthly self-discharge ratio	<4% at 25 degrees Celsius	
17	Operating temperature range	0 to 60 degrees Celsius	
18	Warranty	5 years	

G. Solar Photovoltaic Modules – 120W

	REREC REQUIREMENT	TENDERER RESPONSE
1.1	Name of Manufacturer, Brand Name, Model, Type	
1.2	Cell type	Polycrystalline /Mono crystalline
1.3	Solar cells encapsulated in EVA (ethylene-vinyl acetate); anti-reflection coating; Module on the front side protected by tempered, highly translucent glass.	
1.4	Glass-foil laminated in anodized aluminum-frame	
1.5	Weather resistant Junction box with 3 Bypass-diodes on the backside of the modules with protection class min. IP 65	
1.6	Wiring of the modules with pin-and-socket connector according to EN 50521	
1.7	Quantity of cells	36
1.8	Temperature coefficient PMPP:	$\leq -0.41\%/C$
1.9	Temperature coefficient Voc:	$\leq -0.32\%/C$
1.10	Temperature coefficient Isc:	$\leq 0.06\%/C$
1.11	Operating temperature range:	$-15^{\circ}C \leq T \leq 45^{\circ}C$
1.12	Module efficiency	at STC-conditions $> 17.0\%$

1.13	Current at maximum power point (A) (maximum)	6.6A	
1.14	Voltage at maximum Power Point (V) (minimum)	16.5V	
1.13	Maximum system voltage: 600v		
1.14	10 years product warranty		
1.15	25 years linear performance guarantee (90% up to 10 years and 80% up to 25 years)		
1.16	CE- conformity, DVE GS, TUV quality certified for product		
1.17	Horizontal and vertical assembly possible		
1.18	High Mechanical load (acc. IEC 61215 (5400Pa superimposed load and 2400Pa suction load))		
1.19	Pre-cabled with MC4 Plug –connectors (IP 65)		
1.20	Nominal power at IEC-Conditions (radiation 1000W/m ² , Air-Mass 1.5 25°C)		
1.21	Product certification	IEC 61215 (Ed.2)	
1.22	Protection class	II/ IEC 61730	
1.23	Salt mist corrosion test	IEC 61701 (Ed. 2)	
1.24	Documentation: English	Please indicate:	
1.25	Power Tolerance		
1.26	Cell dimension (length x width) in mm		
1.27	Module dimension (length x width x height) in mm		
1.28	Module weight in kg		

H. Solar PV modules – 300W

	REREC REQUIREMENT	TENDERER RESPONSE
1	Name of Manufacturer, Brand Name	
1	Model No.	
2	Cell type	Polycrystalline /Mono crystalline
	Originality Verification system	Barcode or Serial number with batch number
3	Solar cells encapsulated in EVA (ethylene-vinyl acetate); anti-reflection coating; Module on the front side protected by tempered, highly translucent glass.	
4	Glass-foil laminated in anodized aluminum-frame	
5	Wind load certification	0.024 bars
6	Front glass	High transmission, low iron, Tempered glass
7	Weather resistant Junction box with 3 Bypass-diodes on the backside of the modules with protection class min. IP 65	
8	Wiring of the modules with pin-and-socket connector according to EN 50521	
9	Quantity of cells	72
20	Temperature coefficient PMPP:	<=-0.45%/C

21	Temperature coefficient Voc:	$\leq -0.27\%/C$	
22	Temperature coefficient Isc:	$\leq 0.05\%/C$	
23	Operating temperature range:	$-0^{\circ}C \leq T \leq 45^{\circ}C$	
24	Nominal operating cell temperature (NOCT)	45 \pm 2 $^{\circ}C$	
25	Module efficiency	at STC-conditions $> 15.4\%$	
26	Current at maximum power point (A) (maximum)	8.07A	
27	Voltage at maximum Power Point (V) (minimum)	37.2V	
28	Open Circuit voltage (Voc)	45.4V	
29	Short circuit current (Isc)	8.98A	
30	Minimum rating	300W	
31	10 years product warranty		
32	25 years linear performance guarantee (90% up to 12 years and 80% up to 25 years)		
33	CE- conformity, DVE GS, TUV quality certified for product		
34	Horizontal and vertical assembly possible		
35	High Mechanical load (acc. IEC 61215 (5400Pa superimposed load and 2400Pa suction load))		
36	Pre-cabled with MC4 Plug –connectors (IP 65)		
37	Nominal power at IEC-Conditions (radiation 1000W/m ² , Air-Mass 1.5 25 $^{\circ}C$)		
38	Product certification	IEC 61215 (Ed.2)	
39	Protection class	II/ IEC 61730	
40	Salt mist corrosion test	IEC 61701 (Ed. 2)	
41	Documentation: English	Please indicate:	
42	Power Tolerance	Positive power tolerance -0/+3%	
43	Cell dimension (length x width) in mm		
44	Module dimension (length x width x height) in mm		
45	Module weight in kg		

I. Energy Metre

	REREC REQUIREMENT			TENDERER RESPONSE
		Units		
1	Name of Manufacturer, Brand Name			

1	Model No.			
2	Display			
3	Supply			
3.1	Certified voltage range	V AC	230 ±20%	
3.2	Operating voltage range	V AC	110 ... 276	
3.3	Certified frequency fn	Hz	50 ±2%	
3.4	Operating frequency range	Hz	44 ... 66	
3.5	Rated power dissipation (max.) P _v	VA (W)	<8 (0.6)	
4	Overload capability			
4.1	Voltage Un continuous	V AC	276	
	Voltage Un continuous	V AC	276	
4.2				
	Momentary (1 s)	V AC	300	
4.3	Current I _{max} continuous	A	80 or 125	
4.4	Momentary (10 ms)	A	2400 or 3750	
5	Display (readouts)			
5.1	Display type LCD	n° digits	8 (2 decimal)	
5.2	Digit dimensions	Mm	6.00 x 3	
5.3	Active energy: 1 display, 7-digit tariffs 2	kWh	0.01	
5.4	+ display import or export (arrow) overflow	kWh	999999.99	
5.6	Reactive energy: 1 display, 7-digit tariffs 2	kvarh	0.01	
5.7	+ display import or export (arrow) overflow	kvarh	999999.99	
5.8	Instantaneous active power: 1 display, 3-digit	W, kW, MW	000 ... 999	
	Instantaneous reactive power:	VAr, kVAr,	000 ... 999	
5.9	1 display, 3-digit	MVAr		
5.1	Instantaneous tariff measurement		1	
5.11	Display period refresh	s	1	
6	Measuring accuracy			
6.1	at 23 ±1°C, referred to nominal values			
6.2	Active energy and power acc.to EN 50470-3		B (1%) class 1	
6.3	Reactive energy and power acc. to EN 62053-23		2% class 2	
7	Measuring input			

7.1	Type of connection	phase/N	direct	
7.2	Operating range voltage	V AC	110 ... 276	
7.3	Current Iref	A	5A	
7.4	Current Imin	A	0.25A	
7.5	Operating range current (Ist ... Imax) direct connection	A	0.020 ... 80 or 125	
7.6	Operating frequency	Hz	44 ... 66	
7.8	Differential	%	1	
7.9	Pulse output S0		According to EN 62053-31	
7.1	Pulse output for active and reactive energy T1 and T2		yes	
7.11	Pulse quantity	imp/kWh	500	
7.12	Pulse duration	ms	30 or 50	
	Required voltage	V AC (DC)	5 ... 230 ±5% (5 ... 300) min.	
7.13			(max)	
	Permissible current pulse ON			
7.14	(max. 230V AC/DC)	mA	90	
	Permissible current Impulse OFF			
7.15	(leakage cur. max. 230V AC/DC)		1	
8	Embedded communication			
		µA		
8.1	Modbus RTU RS-485 - 3 wires	bps	up to 38.400	
8.2	M-Bus RS-485 - 2 wires	bps	up to 9.600 bps	
	Safety acc. to EN 50470-1			
8.3	Degree of pollution		2	
8.4	Operational voltage	V AC	300	
8.5	AC voltage test (EN 50470-3, 7.2)	kV	4	
8.6	Impulse voltage test	1.2/50 µs-kV	6	
8.7	Protection class (EN 50470)	class	II	
8.8	Housing material flame resistance UL 94	class	V0	
9	Environmental conditions			
9.1				
	Operating temperature	°C	-10 ... +55	
9.2	Limit temperature of transportation			
	and storage	°C	-25 ... +70	

9.3	Relative humidity (not condensation)	%	≤80	
	Degree protection housing when mounted in front (terminal)		IP51(*)/IP20	
9.4				

J. LED tube Lighting Fixtures

		REREC Requirement	Tenderer Response
1	Name of Manufacturer, Brand Name		
1	Model		
2	Type	Linear tube type with reflector fitted, 2 feet	
3	Power rating	8 - 10 watts	
4	Operating Voltage range	220-240V AC	
5	Power Factor of light assembly	1	
6	Minimum Efficacy (lumens/watt)	100	
7	Minimum life span	30,000 hours	
8	Minimum Wide beam angle	200	
9	Power Factor	> 0.9	
10	Color temperature	(4000K – 5000K)	
12	Number of switching cycle	200,000	
13	Warranty	3 year	

NB:

- a. Ordinary Tungsten and Compact Fluorescent Lamps will NOT be considered
- b. Attach detailed technical specifications in form of manufacturers datasheet for all equipment
- c. Only one datasheet per equipment should be provided. Where more than one datasheet per equipment has been provided the tender shall be deemed non-responsive.

4. Electrical fittings, Switchgear and Accessories

Electrical switchgear (such as switches, sockets, consumer units, lamp holders, fuses (etc) must be of high quality certified to the relevant Kenyan(KS), IEC, British(BS) or equivalent. Proof of such certification may be requested.

Installation Hardware

-Mounting structures should be Iron or Aluminium, strong enough to withstand Windstorms of 100km/hr and be painted to reduce corrosion

-Fasteners and other installation accessories (screws, bolts, etc.) should be galvanized or stainless steel

5. Installation Quality and Guidelines

PV Modules/ Arrays

- Modules or arrays have to be firmly fixed onto mounting structure to avoid rip off by strong winds.
- The module or array mounting structure should be corrosion resistance and the bolts and nuts used in mounting the module or array on to the structure should be stainless steel or galvanized.
- The siting of the module or array should be such that no object or objects will cast any shadows on it at any time of the day between 0900 and 1600 hours.
- The module or array siting should be such the cable run to the battery is kept to a minimum (3 metres Maximum)
- Modules or arrays should be tilted at an angle of between 10 and 15 degrees from horizontal plane facing the equator

Solar PV Charge Controller

- The siting of the charge controller should be such that cabling between Module/array and the Controller and the Controller and Battery be as short as possible
- Controllers should be installed at reasonable height above ground to enable user to easily check system status from the indicator lights/LED

Inverters

- The siting of the Inverter should be such that cabling between battery and inverter be as short as possible
- The Inverter should be located in a well-ventilated place
- The Inverter should be properly mounted on a suitable and appropriate surface - preferably on the wall

Solar PV Batteries

- Parallel connections of more than three batteries, where possible should be avoided. Batteries to be paralleled should be identical, i.e. same manufacturer, same voltage, and same capacity.
- The battery should be located in a well-ventilated place, away from naked lights and other system electronics.
- Batteries should be placed in well ventilated battery racks
- Batteries should be fully charged before they are taken to site

Electrical Installation (AC Wiring, Loads and installation accessories – Lamps, TVs, Radios, Switches, Sockets, Fuses etc)

- The electrical installation should be carried out to comply with Kenya Wiring Regulations (KS 662) for Electrical Installation in Buildings

6. User Training

A person shall be identified from the institution, who shall regulate the system usage and carry out routine maintenance of the systems. This person shall be provided with user training covering the following:

- System performance expectations and limitations
- Purpose of each component of the system
- How to operate and use the systems including safety
- Indicator Lights and their purpose
- How to deal with breakdowns
- Performance monitoring and data recording
- User manuals shall be availed at every institution
- Contacts for reporting faults/defects

A training attendance list shall be signed for the persons trained in each school

SECTION VI – FORMS TO BE FILLED

All forms 1-8 must be duly filled, Stamped and signed by the authorised signatory of the bidder.

FORM 1 - LETTER OF APPLICATION

RFX No..... Date:

Rural Electrification and Renewable Energy Corporation,
Kawi House, South C,
Behind Boma Hotel,
P.O. Box 34585 – 00100,
Nairobi, Kenya

Ladies and Gentlemen,

- a) Having read, examined and understood all of the Tender information provided in the Bid Document, the receipt of which is hereby duly acknowledged, we, the undersigned Bidder, hereby apply to be selected by you as a responsive bidder for Labor and Transport Services for
- b) We agree to abide by this Tender including all the terms for a **period of..... days (Bidder please indicate validity of your tender)** from the date fixed for tender opening as per the tender document, it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- c) We declare that we have read and understood requirements of **Clause 3.23** on Creation, Submission, modifications and withdrawal of Bids, and shall abide by this requirement and any deviation from this section shall lead to disqualification and REREC is not to blame
- d) This bid, together with your written appointment thereof, shall not constitute a contract between us and REREC until a formal contract is signed.
- e) We understand that you are not bound to accept any bid you may receive.
- f) We declare that the statements made and the information provided in our bid tender document are complete, true, and correct in every detail.

Yours sincerely,

Name of Bidder _____

Name and Capacity of authorized person signing the Bid _____

Signature of authorized person signing the Tender _____

Stamp or Seal of Bidder

NOTES:-

1. REREC requires a validity period of at least One Hundred and Twenty (120) days.
2. This form must be duly signed, stamped and/or sealed.

FORM 2- STATEMENT OF THE TENDERER'S PARTICULARS.

1 Name of Tenderer_____

2 Address_____

3 Legal Status_____

4 Registered Office_____

5 Date of Registration_____

(attach a copy of certificate of registration)

6 Detailed description of physical address of the office (Town, Road/street name, bulding & office) (attach copies of the office lease agreement and rent receipts)

7 DIRECTORS NAMES (attach the *Certificate of Confirmation of Directors and Shareholding*)

1. _____

2. _____

3. _____

4. _____

5. _____

Yours sincerely,

Name of Tenderer_____

Signature of duly authorized person signing the Tender_____

Name and Capacity of duly authorized person signing the Tender

Stamp or Seal of Tenderer

**FORM 3 PART I
TENDER FORM**

Date: Tender No.

Rural Electrification and Renewable Energy Corporation,
Kawi House, South C, Behind Boma Hotel,
P.O. Box 34585 – 00100,
Nairobi, Kenya.

Ladies and Gentlemen,

1. Having read, examined and understood the Tender Document including all Addenda, the receipt of which is hereby duly acknowledged, we, the undersigned Tenderer, offer to provide **Labor and Transport Services** for in accordance and conformity with the said tender document and in particular the Schedule of Prices that are made part of this Tender at our Totals for unit Price of Kshs..... VAT Inclusive.
Words.....
2. We undertake, if our Tender is accepted, to perform and provide the services in accordance with the Schedule of Requirements.
3. If our Tender is accepted, we will obtain a bank guarantee in a sum of **500,000/=** and WIBA Cover for our Staff, in the form(s) prescribed by Rural Electrification and Renewable Energy Corporation.
4. We agree to abide by this Tender for a period of **120 days** (Tenderer please indicate validity of your Tender) from the date fixed for tender opening as per the Tender Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. This Tender, together with your written acceptance thereof and your notification of award, shall not constitute a contract, between us. The contract shall be formed between us when both parties duly sign the written contract.
6. We understand that you are not bound to accept any Tender you may receive.
7. We agree to abide by the REREC Terms of Payment as stipulated under the Contract Conditions, and any alternative payment terms by the bidder for the same shall lead to disqualification.

Yours sincerely,

Name of Tenderer_____

Signature of duly authorized person signing the Tender_____

Name and Designation of duly authorized person signing the Tender_____

Stamp or Seal of Tenderer

***NOTES:**

This form must be duly signed and stamped.

FORM 3 PART II: PRICE SCHEDULE

**SCHEDULE FOR CHARGING OF SERVICES ON THE SCOPE OF WORK FOR REPAIR
& MAINTENANCE OF SOLAR PV SYSTEMS.**

Bidder are advised to fill separate form for each lot quoted region

1. DETAILED BOQ

Item	DESCRIPTION	Unit	Qty	Unit Price	VAT	Total
1	8W 2 FT LED tube light Fitting With Tube - AC	No.	1			
2	3 Gang 1 way Switch	No.	1			
3	2 Gang 1 way Switch	No.	1			
4	Switch Boxes	No.	1			
5	Joint Boxes	No.	1			
6	13A Socket Outlets	No.	1			
7	12v/200AH Solar Battery Deep Cycle - Gel	No.	1			
8	2v/400AH Gel Tubular solar battery	No.	1			
9	120W Solar Module	No.	1			
10	300W Solar Module	No.	1			
11	1,000W Inverter True Sine Wave	No.	1			
12	1,500W Inverter True Sine Wave	No.	1			
13	2,000W Inverter True Sine Wave	No.	1			
14	4,000W Inverter True Sine Wave	No.	1			
15	Energy Meter	No.	1			
16	30A Charge Controller	No.	1			
17	60A Charge Controller	No.	1			
18	60A 4 way consumer unit with 4MCBs each	No.	1			
19	1.5 sq.mm PVC Twin Cable with Earth	M	1			
20	2.5 sq.mm PVC Twin Cable with Earth	M	1			
21	10 sq.mm PVC Twin Cable with Earth	M	1			

22	16 sq.mm PVC Twin Cable with Earth	M	1			
23	50 sq.mm PVC Twin Cable	M	1			
24	60A Isolator double pole	No.	1			
25	100A Isolator double pole	No.	1			
26	60A Battery Fuse and Carrier; wall mounted	No.	1			
28	100A Battery Fuse and Carrier; wall mounted	No.	1			
29	100A Inverter Fuse and Carrier; wall mounted	No.	1			
30	150A Inverter Fuse and Carrier; wall mounted	No.	1			
31	Battery Rack 10x200AH batteries	No.	1			
32	Factory made Battery Rack 12x2Vx400AH batteries	No.	1			
33	Factory made Battery Rack 24x2Vx400AH batteries	No.	1			
34	2" Wood Screws	Pkts	1			
35	Tower Clips	Pkts	1			
36	20 SQ MM PVC Conduit H/G	No.	1			
38	Earth rod with clamps	No.	1			
39	Earth lead cable	M	1			
40	Roof mounting structure 14 no panel 120Wp	No.	1			
41	Roof mounting structure 6 no panel 300Wp	No.	1			
42	Roof mounting structure 10 no panel 300Wp	No.	1			
43	Loop-in boxes & Accessories	No.	1			
44	General cleaning & washing of solar PV modules, wiping, de-dusting and blowing of batteries, charge controllers & inverters	Lot	1			
	Labour cost					

45	Replacement of one (1) Fluorescent light	No.	1			
46	Replacement of one (1) socket/switch	No.	1			
47	Electrical wiring of one class including wall chasing and running of HG PVC conduits	No.	1			
48	Installation of one Solar Module and associate cabling	No.	1			
49	Installation of one Inverter and associate cabling	No.	1			
50	Installation of one Battery and associate cabling	No.	1			
51	Installation of one Charge Controller and associate cabling	No.	1			
	Transport Cost					
52	Transportation of materials from Nairobi to assigned region per. The rate to assume a return trip.	Km	1			
53	Transportation of materials from one school to another.	Km	1			
54	Transportation of used batteries per lot to designated collection point.	Km	1			
	Total					

SUMMARY FOR LOTS QUOTED

Region	Counties	Total Quote for County/Sub Counties
Region 1	Wajir	
	Mandera	
Region 2	Garissa	
	Tana River	
Region 4	Kitui - South	
	Kitui - East, Rural, Central	
	Mwingi - Const	
Region 9	Laikipia	
	Muranga	
	Embu	
	Nyandarua	
	Samburu	
Region 10	Kajiado	
	Nakuru	
	Bomet	
	Narok (Kilgoris, West & North)	
	Narok (South & East)	
Region 11	Baringo	
	Elgeyo Marakwet	
Region 13	Turkana (North, West & Loima)	
	Turkana (East, Centra & South)	
	West Pokot (Sigor & Kapeguria)	
	West Pokot (Kacheliba & P.south)	

FORM 4 - EXPERIENCE RECORD FORM

- 1. Name of company _____
- 2. Experience of the company as a Main Contractor in solar works. _____(Years)
- 3. Brief description of solar services offered in the past:

- 4. Experience of the company as a main Contractor in solar installation and repairs

Project Name	Description of service	Contract Amount in Kshs.	Start Date	End Date

Attach copies of completion certificates.

Signature.....

Date

FORM 5 - EXPERIENCE OF THE TENDERER'S PERSONNEL FORM

PERSONNEL

Give detailed information of the key supervisory personnel, who would be employed as full-time staff on the project if awarded contract. Give similar details for (a) Project Manager (b) Technicians (c) Safety Officer . This will be in the format below. Appointment letters for the key personnel should be provided.

(Copies of certificates for all the Management/Technical)

(a) Key Supervisory personnel

1. Name _____
2. Highest Level of Education _____
3. Speciality _____
4. Professional Registration (if any)_____
5. Length of service with company _____ Years:_____
6. Years of experience_____

(b) Project Manager

1. Name _____
2. Highest Level of Education _____
3. Speciality _____
4. Professional Registration (if any)_____
5. Length of service with company _____ Years:_____
6. Years of experience_____

(d) Technician 1

1. Name _____
2. Highest Level of Education _____
3. Speciality _____
4. Professional Registration (if any) _____
5. Length of service with company _____ Years _____
6. Years of experience _____

(d) Technician 2

1. Name _____
2. Highest Level of Education _____
3. Speciality _____
4. Professional Registration (if any) _____
5. Length of service with company _____ Years _____
6. Years of experience _____

(e) Safety Officer

1. Name _____
2. Highest Level of Education _____
3. Speciality _____
4. Professional Registration (if any) _____
5. Length of service with company _____ Years _____
6. Years of experience _____

Yours sincerely,

Name of Tenderer _____

Signature of duly authorized person signing the Tender _____

Name and Capacity of duly authorized person signing the Tender _____

Stamp or Seal of Tenderer

FORM 6 - DECLARATION FORM

Date _____

To: Rural Electrification and Renewable Energy Corporation,
P.O Box 34585 – 00100,
Kawi House, South C: Behind Boma Hotel,
Nairobi, KENYA.

Ladies and Gentlemen,

The Tenderer i.e. (full name and complete physical and postal address) _____
_____ declare the following: -

- a) That I/ We have not been debarred from participating in public procurement by anybody, institution or person.
- b) That I/ We have not been involved in and will not be involved in corrupt and fraudulent practices regarding public procurement anywhere.
- c) That I/We or any director of this firm is not a person within the meaning of paragraph 3.2 of ITT (Eligible Tenderers) of the Instruction to Tenderers below.
“The tenderer is not Procuring Entity’s employees, committee members, board members, Public Servants, Cabinet Members and their relatives (spouse and children) as per section 66 paragraph 11 of the PPAD Act 2015 are not eligible to participate in the Tender”
- d) That I/ We are not insolvent, in receivership, bankrupt or in the process of being wound up and is not the subject of legal proceedings and convictions relating to corrupt or fraudulent practices.
- e) That I/ We the directors are **not** associated with any other tenderer participating in this Tender.
- f) That I/We do hereby confirm that all the information given in this tender is accurate, factual and true to the best of our knowledge.
- g. The tenderer has fulfilled tax obligations evidenced by Valid Tax Compliance Certificate.
- h. The tenderer is not guilty of any serious violation of fair employment laws and Practices.

Yours sincerely,

Name of Tenderer _____

Signature of duly authorized person signing the Tender _____

Name and Capacity of duly authorized person signing the Tender _____

Stamp or Seal of Tenderer

FORM 7- COMMITMENT TO CARRY OUT QUALITY SOLAR MAINTENANCE WORKS

To:

Rural Electrification and Renewable Energy Corporation,
P.O Box 34585 – 00100,
Kawi House, South C, Behind Boma Hotel,
Nairobi, KENYA.

We M/s

of P.o Box

Commit myself to the following if our company/firm is qualified as a solar maintenance contractor

- I. We shall be carrying out work according to the set REREC safety requirements and procedures strictly adhering to “safety first” policy.
- II. We shall always ensure use of appropriate Personal Protective Equipments (PPE’s) while carrying out assigned works including use of branded uniforms by all our staff.
- III. We shall ensure use of appropriate tools in all assignments at all times
- IV. We guarantee that all our works/services shall be carried out according to REREC’s standards. The following documents shall always be available and used in all work sites to enhance adherence to quality:
 - a. Quality works/services check list – to enhance quality works
 - b. Site inspection forms – for site visit comments by REREC supervisory staff when work is in progress (i.e. evidence of supervision of each project prior to invoicing)
- V. We agree that failure to observe the commitments above shall form sufficient grounds for cancellation of our bid.

Signed by all directors listed in the CR12 form:

Director No. 1.....

Director No. 2.....

Director No. 3.....

Director No. 4.....

Yours sincerely,

Name of Tenderer

Signature of duly authorized person signing the Tender

Name and Capacity of duly authorized person signing the Tender

Stamp or Seal of Tenderer

FORM 8 - CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

All Tenderers are requested to give the particulars indicated in Part 1 and either Part 2 (a), 2 (b) or 2 (c), whichever applies to your type of business. You are advised that it is a serious offence to give false information on this form.

Part 1 – General

Business Name.....

Location of business premises.....

Plot No.Street/ Road

Postal Address Postal Code

Tel No..... Mobile and/ or CDMA No

E-mail:

Nature of your business

Registration Certificate No.....

Maximum value of business which you can handle at any time KShs.....

Name of your BankersBranch.....

*Names of Tenderer’s contact person(s)

Designation of the Tenderer’s contact person(s)

Address, Tel, Fax and E-mail of the Tenderer’s contact person(s)

.....

.....

Part 2 (a) Sole Proprietor

Your name in full
NationalityCountry of origin
*Citizenship details.....

Part 2 (b) Partnership

Give details of partners as follows: -

Names	Nationality	*Citizenship Details	Shares
1.....			
2.....			
3.....			
4.....			

Part 2 (c) Registered Company

Private or Public

State the nominal and issued capital of company-

Nominal KSh.....Issued KSh.....

Give details of all directors as follows

Name	Nationality	*Citizenship Details	Shares
1.....			
2.....			
3.....			
4.....			

Name of duly authorized person to sign for and on behalf of the Tenderer

.....

Designation of the duly authorized person.....

Signature of the duly authorized person.....

NOTES TO THE CONTRACTOR ON THE QUESTIONNAIRE

- 1. The address and contact person of the contractor provided above shall at all times be used for purposes of this tender.*
- 2. The details on this Form are essential and compulsory for all firms. Failure to provide all the information requested may lead to the contractor's disqualification.*

SECTION VII - TABLE OF CLAUSES ON GENERAL CONDITIONS OF CONTRACT

Clause No.	Headings
7.1	Definitions
7.2	Application
7.3	Standards
7.4	Supplier Rating
7.5	Use of Documents and Information
7.6.1.	Patent Rights
7.6 .2	Performance Bond
7.8	Packaging
7.9	Delivery & Documents
7.10	Insurance
7.11	Payment
7.12	Interest
7.13	Prices
7.14	Variation
7.15.	Assignment
7.16.	Subcontracting
7.17	Termination
7.18	Liquidated Damages
7.19	Warranty
7.20	Resolution of Disputes
7.21	Language and Law
7.22	Waiver
7.23	Force Majeure

GENERAL CONDITIONS OF CONTRACT

The General Conditions of Contract *hereinafter referred abbreviated as the GCC* shall form part of the Conditions of Contract in accordance with the law and REREC's guidelines, practices, procedures and working circumstances. The provisions in the GCC will apply unless an alternative solution or amendment is made under other parts of the Contract including the Special Conditions of Contract.

7.1 Definitions

In this contract, the following terms shall be interpreted as follows: -

- a) *“Day” means calendar day and “month” means calendar month.*
- b) *“The Contract” means the agreements entered into between REREC and the Contractor, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.*
- c) *“The Contract Price” means the price payable to the Contractor under the contract for the full and proper performance of its contractual obligations.*
- d) *“The Services” means services or art thereof to be provided by the Contractor and includes all of the materials and incidentals, which the Contractor is required to perform and provide to REREC under the contract.*
- e) *“The Procuring Entity” means Rural Electrification and Renewable Energy Corporation or its successor(s) and assignee(s) where the context so admits (hereinafter abbreviated as REREC).*
- f) *“The Contractor” means the individual or firm providing the services under this contract or his/ her/ its permitted heir(s), personal representative(s), successor(s) or permitted assign(s) where the context so admits. For the avoidance of doubt this shall mean the successful Tenderer(s) pursuant to the tender.*
- g) *Wherever used in the contract, “performance” shall be complete or be deemed to be complete, unless the circumstances indicate otherwise, when the services have been performed in accordance with the Contract and where REREC does not signify its approval to the Contractor, but without giving notice of dissatisfaction, on the expiration of thirty (30) days from date of documented completion of performance of the service.*
- h) *Supplier Rating Performance Scheme (SPRS) means the continuous evaluation of the Supplier's performance of the contract based on the parameters of timely delivery, quality of service, frequency of communication, timely response, innovation, dispute resolution.*

7.2 Application

These General Conditions shall apply to the extent that provisions of other parts of the contract do not supersede them.

7.3 Standards

The Services supplied under this contract shall conform to the standards mentioned in the Details of Service.

7.4 Supplier Performance Rating Scheme

7.4.1 REREC shall carry out Supplier Performance Rating to measure the annual performance of the Supplier's obligations and its conduct of the contract.

7.4.2 The Scheme will be updated periodically commencing with the date of execution of the contract by both parties. REREC shall provide the Supplier with a copy of the report.

7.4.3 REREC shall consider the Supplier's overall performance at the end of the performance period.

7.4.4 At the request of either party, the parties shall discuss and conclude deliberations on the annual report. At any such meetings and/or for the purposes of the deliberations, REREC Procurement Department shall appoint the Chairperson as well as the Secretariat.

7.5 Use of Contract Documents and Information

7.5.1 The Contractor shall not, without REREC's prior written consent, disclose the contract, or any provision thereof or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of REREC in connection therewith, to any person other than a person employed by the Contractor in the performance of the contract.

7.5.2 The Contractor shall not, without REREC's prior written consent, make use of any document or information enumerated in clause 7.5.1 above.

7.5.3 Any document, other than the contract itself, enumerated in clause 7.5.1 shall remain the property of REREC and shall be returned (including all copies) to REREC on completion of the Contractor's performance under the contract if so required by REREC.

7.6.1 Patent Rights

The Contractor shall indemnify REREC against all third party claims of infringement of patent, trademark, or industrial design rights arising from provision of the services or any part thereof.

7.6.2 Performance Security

7.6.2.1. Within fourteen (14) days of the date of the notification of contract award, the Contractor shall furnish to REREC the Performance Security which shall be either one or a combination of the following:-

- a) an original Bank Guarantee that is strictly in the form and content as prescribed in the Performance Security Form (Bank Guarantee) in the Tender Document.
- b) Confirmed Standby Letters of Credit (LC). All costs, expenses and charges levied by all banks party to the LC including confirmation charges shall be prepaid by the

successful Tenderer. Certain mandatory conditions of the LC shall be as prescribed in the Performance Security Form (LC) in the Tender Document.

- 7.6.2 The Performance Security shall be issued by a commercial bank licensed by the Central Bank of Kenya. The bank must be located in Kenya.
- 7.6.3 The Performance Security shall be the sum of ten percent (10%) of the contract price. It shall be in the currency of the contract price.
- 7.6.4 Failure of the Contractor to furnish the Performance Security, the award shall be annulled and the Tender Security forfeited, in which event REREC may notify the next lowest evaluated Tenderer that its Tender has been accepted.
- 7.6.5 The proceeds of the Performance Security shall be payable to REREC as compensation for any loss resulting from the Contractor's failure to comply with its obligations in accordance with the contract without REREC being required to demonstrate the loss it has suffered.
- 7.6.6 The Performance Security shall be valid for a minimum of sixty (60) days after satisfactory delivery for both Foreign and Local Contractors.
- 7.6.7 REREC shall seek authentication of the Performance Security from the issuing bank. It is the responsibility of the Contractor to sensitize its issuing bank on the need to respond directly and expeditiously to queries from REREC. The period for response shall not exceed three (3) days from the date of REREC's query. Should there be no conclusive response by the Bank within this period, such Contractor's Performance Security may be deemed as invalid and the Contract nullified, unless information to the contrary is received by REREC two (2) days before the expiry of the Contractor's Tender Security.
- 7.6.8 Subject to the provisions of this contract, the Performance Security will be discharged by REREC and returned to the Contractor not earlier than thirty (30) days following the date of completion of the Contractor's obligations under the contract, including any warranty obligations, under the contract.

7.7 Inspection and Tests

- 7.7.1 REREC or its representative(s) shall have the right to inspect and/or to test the services to confirm their conformity to the contract specifications. REREC shall notify the Contractor in writing in a timely manner, of the identity of any representative(s) retained for these purposes. Such visit and or inspection/ test shall in no way prejudice REREC's rights and privileges.
- 7.7.2 In appropriate circumstances, Inspection/Test Report(s) shall be completed upon conclusion of the inspection/ tests.
- 7.7.3 The inspections and tests may be conducted in the premises of the Contractor or its subcontractor(s). If conducted on the premises of the Contractor or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to REREC.
- 7.7.4 Should any inspected or tested services fail to conform to the specifications, REREC may reject the Service(s), and the Contractor shall either replace or remedy the rejected services or make alterations necessary to meet specification requirements free of cost to REREC.

7.7.5 REREC's right to inspect, test and where necessary, reject the services after provision shall in no way be limited or waived by reason of the services having previously been inspected, tested and passed by REREC or its representative(s) prior to the services performance / delivery.

7.7.6 For the avoidance of doubt, any acknowledgement by REREC on the Contractor's or sub-contractor's document shall not be conclusive proof or evidence of satisfactory performance without duly authorized approval by REREC.

7.7.7 Nothing in this clause 7.7 shall in any way release the Contractor from any warranty or other obligations under this Contract.

7.8 Packaging and Labelling

N/A

7.9 Delivery and Documents for Materials/ Equipment

7.9.1 Where applicable, delivery of the materials/ equipment shall be made by the Contractor to the place and in accordance with the terms specified by REREC in its Schedule of Requirements or as may be otherwise indicated.

7.9.2 The Contractor shall notify REREC of the full details of the delivered materials/ equipment by delivering the materials/ equipment with a full set of the following documents: -

a) *Contractor's invoice showing the materials/ equipment description, quantity, unit price and total price*

b) *Delivery note*

c) *Packing list identifying contents of each package*

7.9.3 It is the responsibility of the Contractor to ensure that the delivery documents are received by REREC at the designated delivery point at the time of delivery.

7.10 Insurance

7.10.1 The Contractor shall be responsible for and keep in force current appropriate insurance covers for its property and persons engaged in the performance and or provision of the Services under the contract.

7.10.2 The Contractor shall (*except in respect to losses, injuries or damage resulting from any act or neglect of REREC*) indemnify and keep indemnified REREC against all losses and claims for injuries or damage to any person or property whatsoever which may arise out of or in consequence of the contract and against all claims, demands, proceedings, damages, costs, charges, and expenses whatsoever in respect thereof or in relation thereto.

7.11 Payment

7.11.1 Payments shall be made promptly by REREC and shall not be less than thirty (30) days from completion of satisfactory performance and submission of invoice together with other required and related documents or as otherwise prescribed in the contract.

7.11.2 Payment shall primarily be through REREC's cheque or Real Time Gross Settlement (RTGS) or telegraphic transfer. Where applicable, a copy of a valid Performance Security,

stamped, certified as authentic by REREC, shall form part of the documents to be presented to REREC before any payment is made.

- 7.11.3 A Contractor who requests for a Letter of Credit (*hereinafter abbreviated as LC*)–
- a) *Shall meet the LC bank charges levied by its bank while REREC shall meet the LC bank charges levied by its bank.*
 - b) *Any extension and or amendment charges and any other costs that may result from the Contractor's delays, requests, mistakes or occasioned howsoever by the Contractor shall be to the Beneficiary's account.*
 - c) *The maximum number of extensions and amendments shall be limited to two (2).*
 - d) *Notwithstanding sub-clause 7.11.3 (a), should the Contractor require a confirmed LC, then all confirmation and any other related charges levied by both the Contractor's and REREC's bank shall be to the Beneficiary's account.*
 - e) *The LC shall be opened only for the specific Order within the validity period of the contract.*
 - f) *LCs shall be partial for partial performance or full for whole performance as per the contract.*
 - g) *The Contractor shall be required to submit a proforma invoice for each lot for use in the placement of order and opening of the LC. The proforma invoice shall be on total all-inclusive costs basis.*
 - h) *A copy of the Performance Security, stamped and certified as authentic by REREC, whose expiry date should not be less than sixty (60) days from the LC expiry date, shall form part of the documents to be presented to the Bank before any payment is affected.*

7.11.4 REREC shall have the sole discretion to accept or decline any Contractor's payment request through Letters of Credit without giving any reason for any decline.

7.12 Interest

Interest payment by REREC is inapplicable in the contract.

7.13 Prices

7.13.1 Subject to clause 7.14 herein below, prices charged by the Contractor for services performed under the contract shall be fixed for the period of the contract with no variations.

7.13.2 A price that is derived by a pre-disclosed incorporation or usage of an internationally accepted standard formula shall not be deemed to be a price variation within the meaning of this clause.

7.14 Variation of Contract

REREC and the Supplier may vary the contract only in accordance with the following: -

- a) *The quantity variation of services shall not exceed twenty percent (20%) of the original contract quantity.*
- b) *The cumulative value variation shall not exceed twenty five percent (25%) of the original contract value.*
- c) *The quantity variation must be executed within the period of the contract.*

7.15 Assignment

The Contractor shall not assign in whole or in part its obligations to perform under this contract, except with REREC's prior written consent.

7.16 Subcontracts

7.16.1 The Contractor shall notify REREC in writing of all subcontracts awards under this contract if not already specified in the tender. Such notification, in the original tender or obligation under the Contract shall not relieve the Contractor from any liability or obligation under the Contract.

7.16.2 In the event that an award is given and the contract is sub-contracted, the responsibility and onus over the contract shall rest on the Contractor who was awarded.

7.17 Termination of Contract

7.17.1 REREC may, without prejudice to any other remedy for breach of contract, by written notice sent to the Contractor, terminate this contract in whole or in part due to any of the following: -

- a) *if the Contractor fails to perform any or all of the services within the period(s) specified in the contract, or within any extension thereof granted by REREC.*
- b) *if the Contractor fails to perform any other obligation(s) under the contract.*
- c) *if the Contractor, in the judgment of REREC has engaged in corrupt or fraudulent practices in competing for or in executing the contract.*
- d) *by an act of force majeure.*
- e) *if the Contractor becomes insolvent or bankrupt*
- f) *if the Contractor has a receiving order issued against it, compounds with its creditors, or an order is made for its winding up (except for the purposes of its amalgamation or reconstruction), or a receiver is appointed over its or any part of its undertaking or assets, or if the Contractor suffers any other analogous action in consequence of debt.*
- g) *if the Contractor abandons or repudiates the Contract.*

7.17.2 In the event that REREC terminates the contract in whole or in part, it may procure, upon such terms and in such manner as it deems appropriate, services similar to those undelivered or not rendered, and the Contractor shall be liable to REREC for any excess costs for such similar services and or any other loss PROVIDED that the Contractor shall not be so liable where the termination is for convenience of REREC.

7.17.3 The Parties may terminate the Contract by reason of an act of *force majeure* as provided for in the contract.

7.17.4 The Contract may automatically terminate by reason of an act of *force majeure* as provided for in the Contract.

7.18 Liquidated Damages

Notwithstanding and without prejudice to any other provisions of the contract, if the Contractor fails to perform any or all of the services within the period specified in the

contract, REREC shall, without prejudice to its other remedies under the contract, deduct from the contract prices, liquidated damages sum equivalent to 0.5% of the performance price per day of delay of the delayed due services up to a maximum of ten percent (10%) of the performance price of the delayed due services.

7.19 Warranty

- 7.19.1 Where applicable, the Contractor warrants that the Services provided under the contract are of the highest quality or current specification and incorporate all recent improvements unless provided otherwise in the contract. The Contractor further warrants that any materials/ equipment provided under this contract shall have no defect arising from manufacture, materials or workmanship or from any act or omission of the Contractor that may develop under normal use of the materials/ equipment provided under the conditions obtaining in Kenya.
- 7.19.2 This warranty will remain valid for the period indicated in the special conditions of contract after the goods, or any portion thereof as the case may be, have been delivered to the final destination indicated in the contract.
- 7.19.3 REREC shall promptly notify the Contractor in writing of any claims arising under this Warranty.
- 7.19.4 Upon receipt of such a notice, the Contractor shall, with all reasonable speed, remedy the defective services without cost to REREC.
- 7.19.5 If the Contractor having been notified and fails to remedy the defect(s) within a reasonable period, REREC may proceed to take such remedial action as may be necessary, at the Contractor's risk and expense and without prejudice to any other rights which REREC may have against the Contractor under the contract.

7.20 Resolution of Disputes

- 7.20.1 REREC and the Contractor may make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract.
- 7.20.2 If, after thirty (30) days from the commencement of such informal negotiations both parties have been unable to resolve amicably a contract dispute, either party may resort to resolution before a recognized local forum for the resolution of disputes.

7.21 Language and Law

The language of the contract and the law governing the contract shall be the English language and the laws of Kenya respectively unless otherwise stated.

7.22 Waiver

Any omission or failure by REREC to exercise any of its rights or enforce any of the penalties arising from the obligations imposed on the Contractor shall in no way, manner or otherwise howsoever, alter, amend, prejudice, vary, waive or be deemed to alter, amend, prejudice, vary, waive or otherwise whatsoever any of REREC's powers and rights as expressly provided in and as regards this contract.

7.23 Force Majeure

- 7.23.1 Force majeure means any circumstances beyond the control of the parties, including but not limited to:
- a) *war and other hostilities (whether war be declared or not), invasion, act of foreign enemies, mobilization, requisition or embargo;*
 - b) *ionizing radiation or contamination by radio-activity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel, radioactive toxic explosives or other hazardous properties of any explosive nuclear assembly or nuclear components thereof;*
 - c) *Rebellion, revolution, insurrection, military or usurped power & civil war;*
 - d) *riot, commotion or disorder except where solely restricted to employees servants or agents of the parties;*
 - e) *Un-navigable storm or tempest at sea.*
- 7.23.2 Notwithstanding the provisions of the contract, neither party shall be considered to be in default nor in breach of its obligations under the Contract to the extent that performance of such obligations is prevented by any circumstances of *force majeure* which arise after the contract entered into by the parties.
- 7.23.3 If either party considers that any circumstances of *force majeure* are occurring or have occurred which may affect performance of its obligations it shall promptly notify the other party and provide reasonable proof of such circumstances.
- 7.23.4 Upon the occurrence of any circumstances of *force majeure*, the Contractor shall endeavor to continue to perform its obligations under the contract so far as is reasonably practicable. The Contractor shall notify REREC of the steps it proposes to take including any reasonable alternative means for performance, which is not prevented by *force majeure*. The Contractor shall not take any such steps unless directed so to do by REREC.
- 7.23.5 If the Contractor incurs additional costs in complying with REREC's directions under sub clause 7.23.4, then notwithstanding the provisions of the contract, the amount thereof shall be agreed upon with REREC and added to the contract price.
- 7.23.6 If circumstances of *force majeure* have occurred and shall continue for a period of twenty one (21) days then, notwithstanding that the Contractor may by reason thereof have been granted an extension of time for performance of the contract, either party shall be entitled to serve upon the other seven (7) days' notice to terminate the contract. If at the expiry of the period of twenty-eight (28) days, *force majeure* shall still continue, the contract shall terminate.

APPENDIX TO CONDITIONS OF CONTRACT

1. Employer: Rural Electrification and Renewable Energy Corporation (REREC)
Attention: Chief Executive Officer

Kawi House, Next to Boma Hotel South C

P.O. Box 34585 - 00100

Nairobi, Kenya

Tel.: +254-20-4953000/3600

Fax: +254-20-271 0944

E-mail: info@rea.co.ke

Contractor: M/S.

P.O. Box

, KENYA

Tel:

2. The Authorized Representatives are:

For the Employer: General Manager, Technical
Tel: 020-4953000/300

For the Contractor:
Tel:

3. The Works consist of:- **Construction of distribution line extension to supply
- KM (Ref :-----)**
4. The Start Date shall be **Seven (7)** days after the execution of this contract. This Shall however be subject to the Contractor providing the required insurances.
5. The duration of the Works isWeeks/Months
6. The expected completion period is Six Months from Date f Contract Signing.
7. The Site Possession Date shall be within seven days after execution of this Contract.
8. The Site is located at Constituency and is specified in the drawings which shall be attached to the Contract.

9. The Defects Liability Period is one (1) year from the completion date of the Works to the satisfaction of the Employer.
10. The amount of Performance Security shall be **Ksh. 500,000** in the form of an On Demand Bank Guarantee and shall be valid 30 days after completion of the Works
11. The contractor shall obtain Insurance for its Employees and Materials.
12. The Contractor shall take due care to ensure that no damage occurs to any property belonging to the land owner or third party while carrying out construction Works. In the event, that any damage occurs, the Contractor shall indemnify the Employer from any claim of liability and the Contractor shall be held liable. The Employer shall have the right to deduct an amount (from any payment due to the Contractor) equivalent to the claim being made by the land owner or Third Party. Such claim by the land owner or Third Party shall be paid to the claimant upon verification by the Employer, which verification shall be final and binding on the Contractor.
13. In the event that the Contractor realizes at the start of the construction Works that he/she may have to cut any trees or damage property of any kind belonging to a landowner or third party, he/she is required to inform the employer's representative for consent to cut any trees or damage to the said property, failure to which the Contractor will be held liable and clause 12 herein above shall apply.
14. The Contractor shall ensure that no materials in his or her possession for the implementation of the project is misplaced, stolen, damaged and or vandalized during the maintenance of the project.
15. Payments shall be effected within thirty (30) after receipt of duly signed statement of accounts and invoice. The REREC Terms of payment shall be as follows: 90% after commissioning, and 10% after the lapse of Defects Liability period which shall be **1 year** upon commissioning.
16. Contractor Rating shall include but not limited to the following parameters: Timely delivery/completion, Warning Letters issued, Accidents on sites and any other that the Employer may deem necessary.

SECTION VIII– DOCUMENTS TEMPLATES

DRAFT LETTER OF NOTIFICATION OF AWARD

To:

(Name and full address of the Successful Tenderer).....

Dear Sirs/ Madams,

RE: NOTIFICATION OF AWARD OF TENDER NO.

This is to notify that your tender for Selection of contractor for the repair and maintenance of solar PV Systems has been accepted.

This award shall be subject to you meeting the following requirements:

1. Please acknowledge receipt of this letter of notification signifying your acceptance within a period of 14 days from the date of award.
2. Kindly furnish us with an annual Performance Bond from a reputable Commercial Bank of Ksh. 500,000

This notification does not constitute a contract. The formal Contract agreement shall be entered into as and when they arise pursuant to the provisions of the Public Procurement and Asset Disposal Act, 2015 *(or as may be amended from time to time or replaced)*.

You may contact the Manager Procurement on the subject matter of this letter of notification of award.

We look forward to a cordial and mutually beneficial business relationship.

Yours faithfully,

CHIEF EXECUTIVE OFFICER
RURAL ELECTRIFICATION AND RENEWABLE ENERGY CORPORATION

Enclosures

DRAFT LETTER OF REGRET

To: *(Name and full address of the Unsuccessful Tenderer)*.....

Date:

Dear Sirs/ Madams,

RE: LETTER OF REGRET IN RESPECT OF TENDER NO.

We refer to your Tender dated..... and regret to inform you that following evaluation, your Tender is unsuccessful. It is therefore not accepted. The brief reasons are as follows:-

1.
2.
3. etc.

The successful bidder was _____.

However, this notification does not reduce the validity period of your Tender Security. In this regard, we request you to relook at the provisions regarding the Tender Security, Signing of Contract and Performance Security as stated in the Instructions to Tenderers.

You may collect the tender security from our *Legal Department (Guarantees Section), on the 2nd Floor, Kawi House, South C, Behind Boma Hotel, Nairobi* only after expiry of Thirty (30) days from the date hereof on Mondays and Wednesdays ONLY between 9.00 a.m. to 12.30 pm and 2.00p.m to 4.00p.m.

It is expected that by that time REREC and the successful bidder will have entered into a contract pursuant to the Public Procurement and Asset Disposal Act, 2015 *(or as may be amended from time to time or replaced)*. When collecting the Security, you will be required to produce the original or certified copy of this letter.

We thank you for the interest shown in participating in this tender and wish you well in all your future endeavors.

Yours faithfully,

**FOR: RURAL ELECTRIFICATION AND RENEWABLE ENERGY CORPORATION
CHIEF EXECUTIVE OFFICER**

CONTRACT AGREEMENT FORM

THIS AGREEMENT made this.....day of.....**20.....**BETWEEN **RURAL ELECTRIFICATION AND RENEWABLE ENERGY CORPORATION**, a company duly incorporated under the Companies Act, Chapter 486 of the Laws of Kenya, with its registered office situated at Kawi House, South C,Behind Boma Hotel, Nairobi in the Republic of Kenya and of Post Office Box Number 34585-00100, Nairobi in the Republic aforesaid (*hereinafter referred to as the "REREC"*) of the one part,

AND

..... (*Contractor's full name and principal place of business*) a duly registered entity according to the laws of (*State country*) and of Post Office Box Number/Physical Address (*Full address physical and postal of Contractor*)in the Republic aforesaid, (*hereinafter referred to as the "Contractor"*) of the other part;

WHEREAS REREC invited tenders for certain services, that is to say for under Tender Number.....

AND Whereas REREC has accepted the Tender by the Contractor for the services in the (*Hereinafter called "the Contract Price"*).

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 and the Tender Document.
2. Unless the context or express provision otherwise requires: -
 - a) reference to "this Agreement" includes its recitals, any schedules and documents mentioned hereunder and any reference to this Agreement or to any other document includes a reference to the other document as varied supplemented and or replaced in any manner from time to time.
 - b) any reference to any Act shall include any statutory extension, amendment, modification, re-amendment or replacement of such Act and any rule, regulation or order made thereunder.
 - c) words importing the masculine gender only, include the feminine gender or (as the case may be) the neutral gender.
 - d) words importing the singular number only include the plural number and vice-versa and where there are two or more persons included in the expression the "*Contractor*" the covenants, agreements obligations expressed to be made or performed by the Contractor shall be deemed to be made or performed by such persons jointly and severally.

- e) where there are two or more persons included in the expression the “*Contractor*” any act default or omission by the Contractor shall be deemed to be an act default or omission by any one or more of such persons.
3. In consideration of the payment to be made by REREC to the Contractor as hereinbefore mentioned, the Contractor hereby covenants with REREC to perform and provide the services and remedy any defects thereon in conformity in all respects with the provisions of the Contract.
4. REREC hereby covenants to pay the Contractor in consideration of the proper performance and provision of the services 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.
5. The following documents shall constitute the Contract between REREC and the Contractor and each shall be read and construed as an integral part of the Contract: -
 - a) this Contract Agreement
 - b) the Special Conditions of Contract as per the Tender Document
 - c) the General Conditions of Contract as per the Tender Document
 - d) the Price Schedules submitted by the Contractor and agreed upon with REREC.
 - e) the Details of Service as per REREC’s Tender Document
 - f) the Schedule of Requirements
 - g) REREC’s Notification of Award dated.....
 - h) the Tender Form signed by the Contractor
 - i) the Declaration Form signed by the Contractor/ successful Tenderer
 - j) the Warranty
 - h) project implementation schedule
6. In the event of any ambiguity or conflict between the contract documents listed above, the order of precedence shall be the order in which the contract documents are listed in 5 above except where otherwise mutually agreed in writing.
7. The Commencement Date shall be the working day immediately following the fulfillment of all the following: -
 - a) Execution of this Contract Agreement by REREC and the Contractor.
 - b) Issuance of the Performance Bond by the Contractor and confirmation of its authenticity by REREC.
 - c) Issuance of the Official Order by REREC to the Contractor.
 - d) Where applicable, Opening of the Letter of Credit by REREC.
8. The period of contract validity shall begin from the Commencement date and end on either -
 - a) sixty (60) days after the last date of the agreed performance schedule, or,
 - b) where a Letter of Credit is adopted as a method of payment, sixty (60) days after the expiry date of the Letter of Credit or the expiry date of the last of any such opened Letter of Credit whichever is later.

- Provided that the expiry period of the Warranty shall be as prescribed and further provided that the Warranty shall survive the expiry of the contract.
9. It shall be the responsibility of the Contractor to ensure that its Performance Security is valid at all times during the period of contract validity and further is in the full amount as contracted.
 10. Any amendment, change, addition, deletion or variation howsoever to this Contract shall only be valid and effective where expressed in writing and signed by both parties.
 11. No failure or delay to exercise any power, right or remedy by REREC shall operate as a waiver of that right, power or remedy and no single or partial exercise of any other right, power or remedy.
 12. Notwithstanding proper completion of performance or parts thereof, all the provisions of this Contract shall continue in full force and effect to the extent that any of them remain to be implemented or performed unless otherwise expressly agreed upon by both parties.
 13. Any notice required to be given in writing to any Party herein shall be deemed to have been sufficiently served, if where delivered personally, one day after such delivery; notices by electronic mail shall be deemed to be served one day after the date of such transmission and delivery respectively, notices sent by post shall be deemed served seven (7) days after posting by registered post (*and proof of posting shall be proof of service*), notices sent by courier shall be deemed served two (2) days after such receipt by the courier service for Local Suppliers and five (5) days for Foreign Suppliers.
 14. For the purposes of Notices, the address of REREC shall be Chief Executive Officer, Rural Electrification and Renewable Energy Corporation, 4th Floor, Kawi House, South C, Post Office Box Number 34585–00100, Nairobi, Kenya. The address for the Contractor shall be the Contractor’s address as stated by it in the Confidential Business Questionnaire provided in the Tender Document.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Kenya the day and year first above written.

SIGNED for and on behalf of **REREC**

CHIEF EXECUTIVE OFFICER

and in the presence of:-

COMPANY SECRETARY

SEALED with the **COMMON SEAL**
of the **CONTRACTOR**

in the presence of:-

DIRECTOR

Affix Contractor's Seal here

DIRECTOR'S FULL NAMES

and in the presence of:-

DIRECTOR/ COMPANY SECRETARY

DIRECTOR/ COMPANY SECRETARY'S FULL NAMES

DRAWN BY: -

C/o Rural Electrification and Renewable Energy Corporation,
4th Floor, Kawi House, South C,
Behind Boma Hotel,
Post Office Box Number 34585-00100,
NAIROBI, KENYA,

PERFORMANCE SECURITY FORM (BANK GUARANTEE)

(To Be Submitted On Bank’s Letterhead)

Date:

To:

Rural Electrification and Renewable Energy Corporation,
Kawi House, South C,
Behind Boma Hotel,
P.O Box 34585 – 00100,
Nairobi, Kenya.

WHEREAS..... (Hereinafter called “the Supplier”) has undertaken, in pursuance of your Tender Number..... (*Reference number of the Tender*) and its Tender dated (*Insert Supplier’s date of Tender taken from the Tender Form*) to supply (*Description of the goods*) (Hereinafter called “the Contract);

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by an acceptable bank for the sum specified therein as security for compliance of the Supplier’s performance obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Supplier a guarantee;

THEREFORE WE HEREBY AFFIRM that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total sum of..... (*amount of the guarantee in words and figures*) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of

(*Amount of guarantee*) as aforesaid, without you needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....20....

EITHER

SEALED with the)
COMMON SEAL)
of the said **BANK**)
)

thisday) _____
) BANK SEAL
of20....)
in the presence of :-)
) _____)
) _____)
and in the presence of:-)
) _____)
) _____)

OR

SIGNED by the **DULY AUTHORISED**
REPRESENTATIVE(S)/ ATTORNEY(S) of
The **BANK**

Name(s) and Designation of duly authorized representative(s)/ attorney(s) of the Bank

Signature(s) of the duly authorized person(s)

NOTES TO SUPPLIERS AND BANKS

1. *Please note that no material additions, deletions or alterations regarding the contents of this Form shall be made to the Performance Security Bond (the Bond) to be furnished by the successful Tenderer/ Supplier. If any are made, the Bond may not be accepted and shall be rejected by REREC. For the avoidance of doubt, such rejection will be treated as non-submission of the Bond where such Bond is required in the tender and Contract.*
2. *REREC shall seek authentication of the Performance Security from the issuing bank. It is the responsibility of the Supplier to sensitize its issuing bank on the need to respond directly and expeditiously to queries from REREC. The period for response shall not exceed five (5) days from the date of REREC’s query. Should there be no conclusive response by the Bank within this period, such Supplier’s Performance Security may be deemed as invalid and the Contract nullified.*
3. *The issuing Bank should address its response or communication regarding the bond to REREC.*

LIST OF REGIONS
DETAILS OF REGIONS

Item	Region	Counties	No. of additional Contractors required
1	Region 1	Wajir	1
2		Mandera	
3	Region 2	Garissa	1
4		Tana River	
5	Region 4	Kitui - South	2
6		Kitui - East, Rural, Central	
7		Mwingi - Const	
8	Region 9	Laikipia	1
9		Muranga	
10		Embu	
11		Nyandarua	
12		Samburu	
13	Region 10	Kajiado	2
14		Nakuru	
15		Bomet	
16		Narok (Kilgoris, West & North)	
17		Narok (South & East)	
18	Region 11	Baringo	1
19		Elgeyo Marakwet	
20	Region 13	Turkana (North, West & Loima)	3
21		Turkana (East, Centra & South)	
22		West Pokot (Sigor & Kapeguria)	
23		West Pokot (Kacheliba & P.south)	
TOTAL			11

END