



# KenGen

**Kenya Electricity Generating Company Limited**

**KGN-HYD (tana)-09-2017**

**OPEN NTIONAL TENDER FOR SUPPLY OF  
750KVA, 3.3KV/11KV, 50Hz, 3PHASE STEP-UP  
GENERATOR TRANSFORMER FOR SAGANA  
POWER STATION**

Kenya Electricity Generating Company Limited,  
Stima Plaza Phase III, Kolobot Road, Parklands,  
P.O. Box 47936,  
Nairobi, Kenya.  
[www.kengen.co.ke](http://www.kengen.co.ke)

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# SECTION I

## INVITATION TO TENDER

The Company invites sealed tenders from eligible candidates for the “*Tender for Supply of 750kva, 3.3kv/11kv, 50 Hz, 3phase Step-Up Generator Transformer*” whose specifications are detailed in the Tender Document.

Interested eligible candidates may obtain further information from and inspect the Tender Documents during official working hours starting at the date of advert at the office of:

Supply Chain Director

Tel: (254) (020) 3666000

Email: [tenders@kengen.co.ke](mailto:tenders@kengen.co.ke); Cc [lmwagodi@kengen.com](mailto:lmwagodi@kengen.com) ; [pmugo@kengen.com](mailto:pmugo@kengen.com)

Where the tender document may be collected upon payment of a non-refundable fee of **KShs.1, 000.00** paid in cash or through a bankers cheque at any KenGen finance office. The document can also be viewed and downloaded from the website [www.kengen.co.ke](http://www.kengen.co.ke) and [www.suppliers.treasury.go.ke](http://www.suppliers.treasury.go.ke). Bidders who download the tender document from the website **are advised to forward their particulars to facilitate any subsequent tender clarifications and addenda**. Downloaded documents are free of charge.

*Bidders are advised from time to time to be checking the website for any uploaded further information on this tender.*

Unless otherwise stated, tenders MUST be accompanied by a security in the format and amount specified in the tender documents and must be submitted in a plain sealed envelope and marked “**TENDER FOR SUPPLY OF 750KVA, 3.3KV/11KV, 50 HZ, 3PHASE STEP-UP GENERATOR TRANSFORMER FOR SAGANA POWER STATION.**” and addressed to: Company Secretary & Legal Affairs Director

**Kenya Electricity Generating Company Limited**  
**10<sup>th</sup> Floor, Pension Plaza**  
**Kolobot Road, Parklands**  
**P O Box 47936 - 00100**  
**NAIROBI, KENYA**

Tenders must be dropped in the tender box located on ground floor of Stima Plaza iii On or before: **12<sup>th</sup> July 2017 at 10.00Am.**

**There shall be mandatory site visit on 6<sup>th</sup> July 2017 as from 10.00am at Tana Power Stations**

Tenders will be opened on **12<sup>th</sup> July 2017 at 10.30Am** in the presence of the candidates’ representatives who choose to attend at Stima Plaza III, Executive Committee Room, 7<sup>th</sup> Floor. The company reserves the right to vary the quantities.

**SUPPLY CHAIN DIRECTOR**

## SECTION II

### INSTRUCTIONS TO TENDERERS

1. General
  - 1.1 The Employer as defined in the Appendix to Conditions of Contract invites tenders for Works Contract as described in the tender documents. The successful Tenderer will be expected to complete the Works by the Intended Completion Date specified in the said Appendix.
  - 1.2 Tenderers shall include the following information and documents with their tenders, unless otherwise stated (**as indicated in the Instruction to Tenderers** )
  - 1.3 The Tenderer shall bear all costs associated with the preparation and submission of his tender, and the Employer will in no case be responsible or liable for those costs.
  - 1.4 The Tenderer, at the Tenderer's own responsibility and risk, is encouraged to visit and examine the Site of the Works and its surroundings, and obtain all information that may be necessary for preparing the tender and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Tenderer's own expense.
  - 1.5 The procurement entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.
  - 1.6 The price to be charged for the tender document shall not exceed Kshs.1,000/= Downloaded documents will be free of charge. Bidders who download documents shall promptly notify the Procuring Entity.
  - 1.7 The procuring entity shall allow the tenderer to review the tender document free of charge before purchase.

#### **2. Tender Documents**

- 2.1 The complete set of tender documents comprises the documents listed here below and any addenda issued in accordance with clause 2.4 here below:-
  - (a) These instructions to Tenderers
  - (b) Form of Tender
  - (c) Conditions of Contract and Appendix to Conditions of Contract

- (d) Specifications
- (e) Drawings
- (f) Bills of Quantities/Schedule of Rates (whichever is applicable)
- (g) Other materials required to be filled and submitted in accordance with these Instructions and Conditions

2.2 The Tenderer shall examine all instructions, forms and specifications in the tender documents. Failure to furnish all information required by the tender documents may result in rejection of his tender.

2.3 A prospective Tenderer making inquiries of the tendering documents may notify the Employer in writing at the address indicated in the letter of invitation to tender. The Employer will respond to any request for clarification received earlier than seven [7] days prior to the deadline for submission of tenders. Copies of the Employer's response will be forwarded to all persons issued with tendering documents, including a description of the inquiry, but without identifying its source.

2.4 Before the deadline for submission of tenders, the Employer may modify the tendering documents by issuing addenda. Any addendum thus issued shall be part of the tendering documents and shall be communicated in writing to all Tenderers. Prospective Tenderers shall acknowledge receipt of each addendum in writing to the Employer.

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

### 3. Preparation of Tenders

3.1 All documents relating to the tender and any correspondence shall be in English Language.

3.2 The tender submitted by the Tenderer shall comprise the following:-

- (a) The Tender;
- (b) Tender Security;
- (c) Priced Bill of Quantities/Schedule of Rates for lump-sum

## Contracts

- (d) Any other materials required to be completed and submitted by Tenderers.

3.3 The Tenderer shall fill in rates and prices for all items of the Works described in the Bill of Quantities/Schedule of Rates. Items for which no rate or price is entered by the Tenderer will not be paid for when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities/Schedule of Rates. All duties, taxes and other levies payable by the Contractor under the Contract, as of 30 days prior to the deadline for submission of tenders, shall be included in the tender price submitted by the Tenderer.

3.4 The rates and prices quoted by the Tenderer shall not be subject to any adjustment during the performance of the Contract.

3.5 The unit rates and prices shall be in Kenya Shillings.

### **Tender security**

3.6. The tenderer shall furnish, as part of its tender, **a tender security in amount of Kenya Shillings (as indicated in the Instruction to Tenderers )**

The tender security is required to protect Kenya Electricity Generating Company Limited against the risk of Tenderer's conduct which would warrant the security's forfeiture, pursuant to paragraph 14.7

The tender security shall be denominated in Kenya Shillings or in another freely convertible currency, and shall be in the form of a bank guarantee or a bank draft issued by a reputable bank located in Kenya or abroad, in the form provided in the tender documents or another form acceptable to Kenya Electricity Generating Company Limited and valid for **at least 30days beyond tender validity**

Any tender not secured in accordance with paragraph 14.1 and 14.3 will be rejected by Kenya Electricity Generating Company Limited as non responsive, pursuant to paragraph 22.

Unsuccessful Tenderer's tender security will be discharged or returned as promptly as possible as but not later than thirty (30) days after the expiration of the period of tender validity prescribed by Kenya Electricity Generating Company Limited.

The successful Tenderer's tender security will be discharged upon the tenderer signing the contract, pursuant to paragraph 30, and furnishing the performance security, pursuant to paragraph 31.

The tender security may be forfeited:

- (a) if a tenderer withdraws its tender during the period of tender validity specified

by Kenya Electricity Generating Company Limited on the Tender Form; or

(b) in the case of a successful tenderer, if the tenderer fails:

(i) to sign the contract in accordance with paragraph 30  
or

(ii) to furnish performance security in accordance with paragraph 31

3.6 Tenders shall remain valid for a period of **Ninety (90) days** from the date of submission. However in exceptional circumstances, the Employer may request that the Tenderers extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made in writing.

3.7 The Tenderer shall prepare one original of the documents comprising the tender documents as described in these Instructions to Tenderers.

3.8 The original shall be typed or written in indelible ink and shall be signed by a person or persons duly authorised to sign on behalf of the Tenderer. All pages of the tender where alterations or additions have been made shall be initialed by the person or persons signing the tender.

3.9 Clarification of tenders shall be requested by the tenderer to be received by the procuring entity not later than 7 days prior to the deadline for submission of tenders.

3.10 The procuring entity shall reply to any written clarifications sought by the tenderer within 3 days of receiving the request to enable the tenderer to make timely submission of its tender.

#### 4. Submission of Tenders

4.1 The tender duly filled and sealed in an envelope shall;-

(a) be addressed to the Employer at the address provided in the invitation to tender;

[b] bear the name and identification number of the Contract as defined in the invitation to tender; and

[c] provide a warning not to open before the specified time and date for tender opening.

4.2 Tenders shall be delivered to the Employer at the address specified above not later than the time and date specified in the invitation to tender.

4.3 The tenderer shall not submit any alternative offers unless they are specifically required in the tender documents.

4.4 Only one tender may be submitted by each tenderer. Any tenderer who fails to comply with this requirement will be disqualified.

- 4.5 Any tender received after the deadline for opening tenders will be returned to the tenderer un-opened.
- 4.6 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with sub-clause 2.5 in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

## 5. Tender Opening and Evaluation

- 5.1 The tenders will be opened in the presence of the Tenderers' representatives who choose to attend at the time and in the place specified in the invitation to tender.
- 5.2 The Tenderers' names, the total amount of each tender and such other details as may be considered appropriate, will be announced at the opening by the Procuring Entity. Minutes of the tender opening, including the information disclosed to those present will also be prepared by the Procuring Entity.
- 5.3 Information relating to the examination, clarification, evaluation and comparison of tenders and recommendations for the award of the Contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's officials, processing of tenders or award decisions may result in the rejection of his tender.
- 5.4 Tenders determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows:
  - (a) Where there is a discrepancy between the amount in figures and the amount in words, the amount in words will prevail; and
  - (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will prevail, unless in the opinion of the Employer's representative, there is an obvious typographical error, in which case the adjustment will be made to the entry containing that error.
  - (c) In the event of a discrepancy between the tender amount as stated in the Form of Tender and the corrected tender figure in the main summary of the Bill of Quantities/Quotation, the amount as stated in the Form of Tender shall prevail.
  - (d) The Error Correction Factor shall be computed by expressing the



difference between the tender amount and the corrected tender sum as a percentage of the Corrected Builder's Work (i.e. corrected tender sum less P.C. and Provisional Sums).

(e) The Error Correction Factor shall be applied to all Builder's Work (as a rebate or addition as the case may be) for the purposes of valuations for Interim Certificates and valuation of variations.

(f) The amount stated in the tender will be adjusted in accordance with the above procedure for the correction of errors and with concurrence of the Tenderer, shall be considered as binding upon the Tenderer. If the Tenderer does not accept the corrected amount, the tender may be rejected and the Tender Security forfeited.

5.5 The tender evaluation committee shall evaluate the tender within fifteen (15) days of the validity period from the date of opening the tender.

5.6 Contract price variations shall not be allowed for contracts not exceeding one year (12 months)

5.7 Where contract price variation is allowed, the valuation shall not exceed 25% of the original contract price.

5.8 Price variation requests shall be processed by the procuring entity within 30 days of receiving the request

5.9 Preference where allowed in the evaluation of tenders shall not exceed 15%

5.10 To assist in the examination, evaluation, and comparison of tenders, the Employer at his discretion, may request [in writing] any Tenderer for clarification of the tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, telex or facsimile but no change in the tender price or substance of the tender shall be sought, offered or permitted.

5.11 The Tenderer shall not influence the Employer on any matter relating to his tender from the time of the tender opening to the time the Contract is awarded. Any effort by the Tenderer to influence the Employer or his employees in his decision on tender evaluation, tender comparison or Contract award may result in the rejection of the tender.

## 6. Award of Contract

6.1 The award of the Contract will be made to the Tenderer who has offered the lowest evaluated tender price.

6.2 Notwithstanding the provisions of clause 6.1 above, the Employer

reserves the right to accept or reject any tender and to cancel the tendering process and reject all tenders at any time prior to the award of Contract without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the action.

6.3 The Tenderer whose tender has been accepted will be notified of the award prior to expiration of the tender validity period in writing. This notification (hereinafter and in all Contract documents called the "Letter of Acceptance") will state the sum [hereinafter and in all Contract documents called the "Contract Price" which the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract. The contract shall be formed on the parties signing the contract. At the same time the other tenderers shall be informed that their tenders have not been successful.

6.4 The Contract Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be signed by the Employer and sent to the successful Tenderer, within 30 days following the notification of award. Within 21 days of receipt, the successful Tenderer will sign the Agreement and return it to the Employer.

6.5 Within fifteen (15) days after receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Performance Security amount stipulated in the Appendix to Conditions of Contract.

6.6 The parties to the contract shall have it signed within 30 days from the date of notification of contract award unless there is an administrative review request.

6.7 The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.

## 7. Corrupt and fraudulent practices

7.1 The procuring entity requires that the tenderer observes the highest standard of ethics during the procurement process and execution of the contract. A tenderer shall sign a declaration that he has not and will not be involved in corrupt and fraudulent practices.

7.2 The procuring entity will reject a tender if it determines that the tenderer recommended for award has engaged in corrupt and fraudulent practices in competing for the contract in question.

7.3 Further a tenderer who is found to have indulged in corrupt and fraudulent practices risks being debarred from participating in public procurement in Kenya.

## Appendix to Instructions to Tenderers

The following information for procurement of small works shall complement or amend the provisions of the instructions to tenderers.

Wherever there is a conflict between the provisions of the instructions to tenderers and the provisions of the appendix, the provisions of the appendix herein shall prevail over those of the instructions to tenderers

<b>Instructions to tenderers (reference e.g)</b>	<b>Particulars of appendix to instructions to tenderers</b>
Tender security	Amount of Tender Security is Ksh 40,000.00 and is valid for atleast 30days beyond tender validity
Tender validity	Tenders shall remain valid for 90 days after tender opening date.
<b>Tender closure</b>	<b>Tender closes on 12<sup>th</sup> July 2017 at 10.00pm</b>
<b>Site visit</b>	There shall be mandatory site visit on 6 <sup>th</sup> July 2017 at 10.00am at Tana Power Stations

<p><b>Evaluation criteria</b></p>	<p><b>Mandatory/Preliminary requirements</b></p> <ul style="list-style-type: none"> <li>➤ Dully filled and accurate bills of quantities (BQs).</li> <li>➤ Prices read out during tender opening shall be final and not subject to any amendment. Any arithmetic error which will be deemed as a major deviation shall therefore result into disqualification of the bidder at this stage.</li> <li>➤ Copy of Valid Tax Compliance or exemption Certificate.</li> <li>➤ Duly filled, signed and stamped Tender Form</li> <li>➤ Valid business permit</li> <li>➤ Duly completed and signed Mandatory site visit certificate</li> <li>➤ Duly Completed Mandatory Confidential Business Questionnaire</li> <li>➤ Sequential pagination/serialization of all pages in the tender document.</li> </ul> <p><b>Technical Evaluation Criteria</b></p> <ul style="list-style-type: none"> <li>➤ Experience in works of a similar nature and complexity for the last five (5) years. Details of clients who may be contacted for further information on those contracts must be submitted</li> <li>➤ Availability of equipment and tools</li> <li>➤ Qualifications and experience of key technical personnel proposed for the works</li> <li>➤ Method statement on how the Tenderer intends to execute the works.</li> <li>➤ A tentative program for the works</li> <li>➤ Compliance to the tenders technical specifications</li> <li>➤ Delivery period should be stated.</li> </ul> <p><b>Financial Evaluation Criteria</b></p> <p>The lowest compliant evaluated bidder will be considered for award.</p>
<p><b>Performance security</b></p>	<p>Performance is 10%</p>
<p><b>Notification of Award and Signing of Contract</b></p>	<p>The Notification of Award shall be sent to the successful tenderer immediately upon award accompanied with the draft letter of acceptance and draft contract form.</p> <p>The successful tenderer shall sign and return the letter of acceptance and contract for within 15 days.</p>

## **SECTION III**

### **CONDITIONS OF CONTRACT**

#### **Table of Clauses**

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## 1. Definitions

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

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

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

“The Completion Date” means the date of completion of the Works as certified by the Employer’s Representative.

“The Contract” means the agreement entered into by the Employer and the Contractor as recorded in the Agreement Form and signed by the parties.

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

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

“The Contract Price” is the price stated in the Notification of award.

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

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

“The Defects Liability Certificate” is the certificate issued by Employer’s Representative upon correction of defects by the Contractor.

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

“Drawings” include calculations and other information provided or approved by the Employer’s Representative for the execution of the Contract.

“Employer” means Kenya Electricity Generating Company Limited and is the party who employs the Contractor to carry out the Works.

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

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

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

“Employer’s Representative” is the person appointed by the Employer and notified to the Contractor for the purpose of supervision of the Works.

“Specification” means the Specification of the Works included in the Contract.

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

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

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

“ A Variation” is an instruction given by the Employer’s Representative which varies the Works.

“The Works” are what the Contract requires the Contractor to construct, install, and turnover to the Employer.

## 2. Contract Documents

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

- (1) Contract Agreement,
- (2) Notification of award
- (3) Letter of Acceptance,
- (4) Conditions of Contract
- (5) Technical Specifications
- (6) Drawings,
- (7) Bills of Quantities or Schedule of Rates [whichever is applicable]
- (8) Contractor’s Tender,
- (9) Applicable Addenda and Clarifications



### 3. Employer's Representative's Decisions

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

### 4. Works, Language and Law of Contract

4.1 The Contractor shall construct and install the Works in accordance with the Contract documents. The Works may commence on the Start Date and shall be carried out in accordance with the Program submitted by the Contractor, as updated with the approval of the Employer's Representative, and complete them by the Intended Completion Date.

4.2 The ruling language of the Contract shall be English language and the law governing the Contract shall be the law of the Republic of Kenya.

### 5. Safety, Temporary works and Discoveries

5.1 The Contractor shall be responsible for design of temporary works and shall obtain approval of third parties to the design of the temporary works where required.

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

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

### 6 Work Program and Sub-contracting

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

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

### 7 The site

7.1 The Employer shall give possession of all parts of the Site to the

Contractor.

- 7.2 The Contractor shall allow the Employer's Representative and any other person authorised by the Employer's Representative, access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.

## 8 Instructions

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

## 9 Extension of Completion Date

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

Delay by:-

- (a) force majeure, or
- (b) reason of any exceptionally adverse weather conditions, or
- (c) reason of civil commotion, strike or lockout affecting any of the trades employed upon the Works or any of the trades engaged in the preparation, manufacture or transportation of any of the goods or materials required for the Works, or
- (d) reason of the Employer's Representative's instructions issued under these Conditions, or
- (e) reason of the contractor not having received in due time necessary instructions, drawings, details or levels from the Employer's Representative for which he specifically applied in writing on a date which having regard to the date for Completion stated in the appendix to these Conditions or to any extension of time then fixed under this clause was neither unreasonably distant from nor unreasonably close to the date on which it was necessary for him to receive the same, or
- (f) delay on the part of artists, tradesmen or others engaged by the Employer in executing work not forming part of this Contract, or

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

## 10 Management Meetings

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

## 11 Defects

- 11.1 The Employer's Representative shall inspect the Contractor's work and notify the Contractor of any defects that are found. Such inspection shall not affect the Contractor's responsibilities. The Employer's Representative may instruct the Contractor to search for a defect and to uncover and test any Work that the Employer's Representative considers may have a defect. Should the defect be found, the cost of uncovering and making good shall be borne by the Contractor. However if there is no defect found, the cost of uncovering and making good shall be treated as a variation and added to the Contract Price.

- 11.2 The Employer's Representative shall give notice to the Contractor of any defects before the end of the Defects Liability Period, which begins at Completion, and is defined in the Appendix to Conditions of Contract.
- 11.3 Every time notice of a defect is given, the Contractor shall correct the notified defect within the length of time specified by the Employer's Representative's notice. If the Contractor has not corrected a defect within the time specified in the Employer's Representative's notice, the Employer's Representative will assess the cost of having the defect corrected by other parties and such cost shall be treated as a variation and be deducted from the Contract Price.

## 12 Bills of Quantities/Schedule of Rates

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

## 13 Variations

- 13.1 The Contractor shall provide the Employer's Representative with a quotation for carrying out the variations when requested to do so. The Employer's Representative shall assess the quotation and shall obtain the necessary authority from the Employer before the variation is ordered.
- 13.2 If the Work in the variation corresponds with an item description in the Bill of Quantities/Schedule of Rates, the rate in the Bill of Quantities/Schedule of Rates shall be used to calculate the value of the variation. If the nature of the Work in the variation does not correspond with items in the Bill of Quantities/Schedule of Rates, the quotation by the Contractor shall be in the form of new rates for the relevant items of Work.
- 13.3 If the Contractor's quotation is unreasonable, the Employer's Representative may order the variation and make a change to the Contract Price, which shall be based on the Employer's Representative's own forecast of the effects of the variation on the

Contractor's costs.

## 14 Payment Certificates and Final Account

- 14.1 The Contractor shall be paid after each of the following stages of Work listed herebelow (subject to re-measurement by the Employer's Representative of the Work done in each stage before payment is made). In case of lump-sum Contracts, the valuation for each stage shall be based on the quantities so obtained in the re-measurement and the rates in the Schedule of Rates.
- (i) Upon deciding that Works included in a particular stage are complete, the Contractor shall submit to the Employer's Representative his application for payment. The Employer's Representative shall check, adjust if necessary and certify the amount to be paid to the Contractor within 21 days of receipt of the Contractor's application. The Employer shall pay the Contractor the amounts so certified within 30 days of the date of issue of each Interim Certificate.
- 14.3 The Contractor shall supply the Employer's Representative with a detailed final account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer's Representative shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 30 days of receiving the Contractor's account if it is correct and complete. If it is not, the Employer's Representative shall issue within 21 days a schedule that states the scope of the corrections or additions that are necessary. If the final account is still unsatisfactory after it has been resubmitted, the Employer's Representative shall decide on the amount payable to the Contractor and issue a Final Payment Certificate. The Employer shall pay the Contractor the amount so certified within 60 days of the issue of the Final Payment Certificate.
- 14.4 If the period laid down for payment to the Contractor upon each of the Employer's Representative's Certificate by the Employer has been exceeded, the Contractor shall be entitled to claim simple interest calculated pro-rata on the basis of the number of days delayed at the Central Bank of Kenya's average base lending rate prevailing on the first day the payment becomes overdue. The Contractor will be required to notify the Employer within 15 days of receipt of delayed payments of his intentions to claim interest.

## 15. Insurance

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

## 16. Liquidated Damages

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

## 17. Completion and Taking Over

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

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

## 18. Termination

18.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract. These fundamental breaches of Contract shall include, but shall not be limited to, the following;

- (a) the Contractor stops Work for 30 days continuously without reasonable cause or authority from the Employer's Representative;
- (b) the Contractor is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (c) a payment certified by the Employer's Representative is not paid by the Employer to the Contractor within 30 days after the expiry of the payment periods stated in sub clauses 14.2 and 14.3 hereinabove.
- (d) the Employer's Representative gives notice that failure to correct a particular defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time.

18.2 If the Contract is terminated, the Contractor shall stop Work immediately, and leave the Site as soon as reasonably possible. The Employer's Representative shall immediately thereafter arrange for a meeting for the purpose of taking record of the Works executed and materials, goods, equipment and temporary buildings on Site.

## 19. Payment Upon Termination

- 19.1 The Employer may employ and pay other persons to carry out and complete the Works and to rectify any defects and may enter upon the Works and use all materials on Site, plant, equipment and temporary works.
- 19.2 The Contractor shall, during the execution or after the completion of the Works under this clause, remove from the Site as and when required within such reasonable time as the Employer's Representative may in writing specify any temporary buildings, plant, machinery, appliances, goods or materials belonging to him, and in default thereof, the Employer may (without being responsible for any loss or damage) remove and sell any such property of the Contractor, holding the proceeds less all costs incurred to the credit of the Contractor.
- 19.3 Until after completion of the Works under this clause, the Employer shall not be bound by any other provision of this Contract to make any payment to the Contractor, but upon such completion as aforesaid and the verification within a reasonable time of the accounts therefore the Employer's Representative shall certify the amount of expenses properly incurred by the Employer and, if such amount added to the money paid to the Contractor before such determination exceeds the total amount which would have been payable on due completion in accordance with this Contract, the difference shall be a debt payable to the Employer by the Contractor; and if the said amount added to the said money be less than the said total amount, the difference shall be a debt payable by the Employer to the Contractor.

## 20. Corrupt Gifts and Payments of Commission

- 20.1 The Contractor shall not;
- (a) Offer or give or agree to give to any person in the service of the Employer any gifts or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract with the Employer or for showing or forbearing to show favour or dis-favour to any person in relation to this or any other contract with the Employer.
  - (b) Any breach of this Condition by the Contractor or by anyone employed by him or acting on his behalf (whether with or without the knowledge of the Contractor) shall be an offence under the Laws of Kenya.

## 21. Settlement of Disputes

21.1 Any dispute arising out of the Contract which cannot be amicably settled between the parties shall be referred by either party to the arbitration and final decision of a person to be agreed between the parties. Failing agreement to concur in the appointment of an Arbitrator, the Arbitrator shall be appointed by the chairman of the Chartered Institute of Arbitrators, Kenya branch, on the request of the applying party.

## 22 Taxes

22.1.1 "**Taxes**" means all present and future taxes, levies, duties, charges, assessments, deductions or withholdings whatsoever, including any interest thereon, and any penalties and fines with respect thereto, wherever imposed, levied, collected, or withheld pursuant to any regulation having the force of law and "Taxation" shall be construed accordingly.

### 22.1.2 Local Taxation

Nothing in the Contract shall relieve the Contractor and/or his Sub-Contractors from their responsibility to pay any taxes, statutory contributions and levies that may be levied on them in Kenya in respect of the Contract. The Contract Price shall include all applicable taxes and shall not be adjusted for any of these taxes.

22.1.3 The Contractor shall be deemed to be familiar with the tax laws in the Employer's Country and satisfied themselves with the requirements for all taxes, statutory contributions and duties to which they may be subjected during the term of the Contract.

22.1.4 In instances where discussions are held between the Employer and the Contractor regarding tax matters, this shall not be deemed to constitute competent advice and hence does not absolve the Contractor of their responsibility in relation to due diligence on the tax issue as per 3.21.2 above.

### Tax Deduction

22.1.5 If the Employer is required to make a tax deduction by Law, then the deduction shall be made from payments due to the Contractor and paid directly to the Kenya Revenue Authority. The Employer shall upon remitting the tax to Kenya Revenue Authority furnish the Contractor with the relevant tax deduction certificates.

22.1.6 Where the Contractor is paid directly by the Financiers and the



Employer is not able to deduct tax, then the Contractor will be required to pay the tax deduction to Kenya Revenue Authority in the name of the Employer and furnish the Employer with an original receipt thereof as evidence of such payment. In absence of the said evidence, the Employer will not process any subsequent payments to the Contractor.

### **Tax Indemnity**

22.1.7 The Contractor shall indemnify and hold the Employer harmless from and against any and all liabilities, which the Employer may incur for any reason of failure by the Contractor to comply with any tax laws arising from the execution of the Contract whether during the term of the Contract or after its expiry.

22.1.8 The Contractor warrants to pay the Employer (within fourteen (14) days of demand by the Employer), an amount equal to the loss, liability or cost which the Employer determines has been (directly or indirectly) suffered by the Employer for or on account of the Contractor's Tax liability arising from the Contract.

22.1.9 Where the amount in 3.21.8 above remains unpaid after the end of the fourteen (14) days moratorium, the Employer shall be entitled to compensation for financing charges.

## **APPENDIX TO CONDITIONS OF CONTRACT**

THE EMPLOYER IS

Name: **KENYA ELECTRICITY GENERATING COMPANY LIMITED**

Address: : **STIMA PLAZA, KOLOBOT ROAD, PARKLANDS, P.O. BOX 47936, NAIROBI**

Name of Employer's Representative: **ELIJAH KIBATHI**

Title; **ASSISTANT OPERATION MANAGER -UPPER TANA.**

**Telephone:** **0711036000**

The name (and identification number) of the Contract is \_\_\_\_\_

The Works consist of **Supply Of 750kva, 3.3kv/11kv, 50hz, 3phase Step-Up Generator Transformer For Sagana Power Station.**

The commencement Date shall be **the date of contract signature**

The contract duration shall be **Six (6) months from Commencement Date.**

---

The Site is located at **Sagana power station** and is defined in the specifications.

---

The Defects Liability Period is One Year.

Amount of Performance Security is 10% of the contract sum

Within fifteen (15) days of receipt of the notification of Contract award, the successful tenderer shall furnish to Kenya Electricity Generating Company Limited the performance security in the amount specified in Special Conditions of Contract.

The proceeds of the performance security shall be payable to Kenya Electricity Generating Company Limited as compensation for any loss resulting from the Tenderer's failure to complete its obligations under the Contract.

The performance security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to Kenya Electricity Generating Company Limited and shall be in the form of a bank guarantee or an irrevocable letter of credit issued by a reputable bank located in Kenya or abroad, acceptable to Kenya Electricity Generating Company Limited, in the form provided in the

tender documents.

The performance security will be discharged by Kenya Electricity Generating Company Limited and returned to the Candidate not later than thirty (30) days following the date of completion of the Tenderer's performance obligations under the Contract, including any warranty obligations, under the Contract.

Conditions of Contract	Appendix to Conditions of Contract
Clause 3.2	Assistant Operation Manager –Upper Tana
Clause 10.3	A Contract management meeting shall be held regularly and attended by the Employer's Representative and the Contractor. Its business shall be to review the plans for the remaining Work. The Employer's Representative shall record the business of management meetings and provide copies of the record to those attending the meeting and the Employer.
Clause 14.5	Advance payment is <b>NOT</b> applicable

## **SECTION IV** **TECHNICAL SPECIFICATIONS**

### **Introduction.**

Sagana power station is located 150 km from Nairobi in Nyeri County.

### **SUPPLY OF SAGANA TRANSFORMER**

#### **GENERAL**

##### **1. General**

This specification is based on IEC 60076, BS 171 and any other related international specification. Any deviations from the specifications shall be mentioned as a specific item in your offer & be highlighted in the technical schedule.

The transformer shall be suitable for outdoor use, shall be of core type, mineral oil filled, Air Natural Oil Natural (ONAN) cooling with adequate heat exchangers mounted on the sides of the transformer tank through isolating valves.

##### **2. Core Material**

All transformer cores shall be fabricated from cold-rolled grain-oriented or other approved steel having low-loss characteristics.

##### **3. Core Construction**

The magnetic circuit shall be of core construction designed to avoid static discharges and the development of short circuit paths within itself or to the earthed clamping structure. Mitred joints between cores and yokes shall be employed.

All parts of the core shall be of robust design capable of withstanding mechanical shocks. Bracing of the core and winding assembly shall be adequate to prevent any movement relative to the tank during normal lifting, transportation and handling of the transformer.

All structural members of the assembled cores shall be of steel except where conventional core-bolt clamping is replaced by an approved taping or branded-clamping technique.

Adequate fitments shall be provided for lifting the completed core and windings. Suitable accommodation, attached to each transformer, shall be provided for the storage of any removable parts of the lifting facility.

All castings shall be fettled, and structural steel shall be adequately protected against corrosion before being built into the structure. Any non-magnetic or high resistance

alloy included in the design shall be subject to approval.

#### **4. Core Insulation**

Individual laminations shall be insulated with material, which will not deteriorate due to the action of pressure.

The magnetic circuit shall be earthed such that with the earthing removed, the magnetic circuit shall be insulated from the clamping and supporting structure and all structural parts.

#### **5. Core Earthing**

All metal parts of the transformer except individual core laminations, core bolts and side-clamping plates shall be maintained at earth potential.

The magnetic circuit shall be earthed to the clamping structure through one removable core-insulation-test link only.

The connection to the link shall be on the same side of the core as the main clamping-structure earth connection to the tank and taken from the extreme edge of the top yoke.

#### **6. Core Flux Density**

The maximum flux density in any part of the core and yokes at normal ratio, frequency and voltage shall not lead to saturation.

#### **7. Winding Conductor Material**

The windings shall be of high-conductivity electrolytic copper and transposed winding conductors shall be employed where appropriate. Copper foil or sheet windings may also be acceptable.

#### **8. Winding Clamping and Bracing**

The windings shall be designed to reduce to a minimum the out-of balance electro-magnetic forces in the transformer at all voltage ratios.

The windings and connections shall be adequately braced to withstand mechanical shocks and electro-magnetic impulsive forces which may occur during handling, transportation and transient-current surges.

The stacks of windings shall receive adequate shrinkage treatment before final assembly.

Coil-clamping rings shall be of approved material but axially laminated material other than Bakelite paper shall not be used. Where such paper-paper rings are used it will only be approved, as major insulation between the windings and earth if the creepage-voltage stress obtained by dividing the line voltage by the creeping distance to earth does not exceed 200kV per meter. Metal clamping rings shall be earthed.

Any metal pieces in contact with non-metallic clamping rings shall be so designed and secured that they do not weaken the electrical or the mechanical properties of the rings.

If the winding is built up of sections or disc coils, separated by spacers, the clamping arrangements shall ensure that equal pressure is applied to all columns of spacers.

All such spacers shall be of approved material and shall receive adequate shrinkage treatment before assembly.

## **9. Winding Insulation**

All windings shall be fully insulated as defined in IEC 60076.

The insulation of windings and connections shall be free from insulating composition liable to soften, ooze out, shrink or collapse during service.

The insulating media shall be of Kraft paper defined in IEC 60085.

The neutral points of the star winding shall be insulated.

## **10. Bushing Insulators**

Porcelain Insulators shall be used at the 11kV, 3.3KV, and star point terminals.

## **11. Oil & Winding Temperature Indicating Devices**

The transformers shall be provided with a temperature monitoring system of the resistance temperature detector type to provide both alarm and trip functions on high temperature. The monitoring device shall be suitably housed in a sheet steel enclosure mounted local to the transformer. The electrical supply for the monitoring device shall be able to use a 24 V DC system.

Two RTD (P100), one for OTI and one for WTI shall be installed for temperature indication at the remote Control room

## **12. Oil level indicators**

*Supply, installation and commissioning of electric Winch system Sagana Power Station*

The transformers shall be provided with oil level indicating device with alarm function on low oil level.

A transducer shall be incorporated for remote level transmission to the Control room

**13. Winding Temperature-Operated Relays**

The operating voltage for the coils of the associated auxiliary relays shall be 24 V d.c.

An independent pair of voltage-free contacts shall be provided and shall be suitable in all respects for the operation of a trip relay.

Independent adjustment of the relay-operating-temperature settings shall be provided.

**14. Cable Boxes and terminations**

The power cable boxes shall be designed to accommodate XLPE or PVC insulated, single core armoured and PVC sheathed cables.

The contractor shall supply non-magnetic blank gland plate suitable for drilling on site to receive glands supplied by others.

**15. Lifting and Haulage**

Lifting lugs shall be of ample dimensions designed so that standard lifting shackles can be readily attached.

A minimum of four jacking pads suitably located in accessible positions shall be provided to enable the transformer to be raised or lowered using hydraulic or screw jacks. The pads shall be adequately braced and project a sufficient distance from the transformer side to enable a standard jack to be properly located.

Four anchor points shall be fitted to each transformer at not more than 760mm from the base to enable the transformer complete to be hauled in any direction.

**16. Structure Earthing**

A substantial earthing terminal capable of carrying the maximum possible earth-fault current shall be provided close to the base of the framework structure. The terminal shall be designed to carry this current without damage, for duration at least equal to the short circuit period of three seconds for which the main windings shall be designed, in accordance with IEC 60076. The terminal shall be connected to the station earth system.

**17. Bonding**

Substantial bonding-connection studs shall be provided and all transformer ancillary equipment and housings not forming an integral part of the main transformer structure shall be securely bonded to the earth system.

**18. Off-Load Tap Changer**

The Sagana transformer shall be provided with a tap changer for varying its effective transformation ratio whilst the transformer is Off Load. The Off Load tap changer shall comply with IEC 60214.

Equipment for local hand operations shall be provided and shall comply with the following:

- The equipment shall be suitable for supervisory control and indication.
- Each operation of the local control shall cause one Tap movement only, the handle having to be returned to the “off” position for each successive operation.
- The local operation shall be clearly labeled in an approved manner to indicate the direction of Tap changing.

Approved means shall be provided to safeguard the transformer if failure occurs which causes a tap change not to be completed.

**19. Buchholz Relay**

- Transformer shall be provided with a gas and oil actuated relay of double float type (Buchholz relay) with alarm and tripping contacts to detect slow accumulation of gas or sudden changes of oil pressure. This shall be complete with lockable ball shut-off valves in open and closed position and flange couplings to facilitate easy removal without lowering oil level in the main tank or conservator.
- Bleed valve for gas venting and test valve, shall be accessible from ground level.
- All contacts to be suitably wired and terminated at the marshalling kiosk.

**20. Pressure Relief Device**

- A pressure relief device shall be provided and mounted at a suitable position where the trip actuating flag will be clearly visible from the ground.
- The pressure relief device should be spring-actuated type operating instantly once a pressure of 0.552+ 5% bar is sensed and shroud to direct the oil away from the tank.



- The device should be self-latching once the over pressures condition ceases. However, it should be provided with a mechanical indicator and trip contacts wired to the marshalling kiosk, which is not self-resetting.
- The device should also be capable of withstanding full vacuum, which may be applied to the transformer tank during maintenance without affecting its operating characteristics.
- A Pressure–vacuum gauge for sealed tank design shall be provided.

## 21. Quality Assurance.

The transformers shall be designed, manufactured and tested to ISO 9001:2000 or higher and all other relevant and related international standards.

## 22 Marshalling Kiosk

This shall be located on the LV side of the transformer. It shall have terminal Block with enough terminals to accommodate all the protection and Controls cables including the remote signals to Control room.

The Tap changer shall be placed on the left hand side of the transformer viewed from the LV side bushing side of the TX.

## 22 Earthing Point

The TX shall be provided with two earthing points on the bottom of HT side.

## 23 Documents

The following documents shall be provided with your offer:

- Copy of ISO certification.
- References
- Brochures etc, illustrating your transformer manufacturing process.

The following documents shall be delivered by courier in **three hard and soft copies** to KenGen, at time of shipping:

- Assembly, wiring & schematic drawings, (as built)
- Certified Test reports
- Detailed Installation / maintenance manuals for the transformer and tap changer.

## 24 DELIVERY

The delivery is to be made to our Port of Mombasa, Kenya within  
*Supply, Installation and Commissioning of Electric Winch System Sagana Power Station*

Twenty four (24) weeks of award of contract.

**SPECIFIC REQUIREMENTS FOR SAGANA TRANSFORMER**

Size (KVA)	750
Nominal Voltage Rating – High Voltage (V)	11,000
(No load) Low Voltage(V)	3,300
Type of cooling	ONAN
Frequency	50Hz
Vector Group	Ynd1
Phases	3
Minimum impulse withstand voltage 1/50 wave for High voltage winding(KV)	125
Termination: High voltage	Cable box
HT spindle diameter	-
Low voltage	Cable box
Tap changer: Tap range	Offload ± 5%
Tap steps	2.5%
Type of windings: High voltage	Disk
Low voltage	Helical
Type of insulation: High voltage	Kraft paper
Low voltage	Kraft paper
Tapings	Kraft paper
Tapping connections	Kraft paper
Core laminations	Inorganic coating
Thickness of transformer tank(mm)	
Sides	Not less than 8

Bottom	Not less than 8
Thickness of radiator fins/cooling tubes (mm)	1
*Fixed losses at Nominal ratio	Required with bid
*Load losses at 75 <sup>0</sup> and nominal ratio	Required with Bid
*Total losses at 75 <sup>0</sup> and nominal ratio	Required with Bid
*Hottest spot temperature at CMR	(Ambient temperature 25 <sup>0</sup> C)
Total temperature	Required with Bid
Temperature rise	Required with Bid
*Oil temperature at CMR	
Total temperature	Required with Bid
Temperature rise	Required with Bid
*Regulation at 75 <sup>0</sup> and CMR as percentage of no load nominal voltage	
At unity power factor	Required with Bid
At 0.8 lagging power factor	Required with Bid
Transformer life in yrs (specify)	Required with Bid

- used during evaluation of the bids.

## 25 INSULATION LEVELS AND TESTS

- Complete transformer assembled for service, shall be capable of withstanding impulse and power frequency voltages in full compliance with the requirements of IEC 60076 Parts 3 including latest amendments.
- Transformers must be free of “Corona Discharge” at operating voltage level.

## 26 FACTORY TESTS

The following Factory tests shall be carried out at the factory of manufacture on the fully assembled transformer before shipment.

- a) Appearance Check
- b) Measurement of winding resistance
- c) Measurement of short circuit impedance and load loss
- d) Measurement of no-load loss and current
- e) Induced voltage withstand test
- f) Separate source AC voltage withstand test
- g) Measurement of voltage ratio at all taps.
- h) Check phase displacement(Vector group)
- i) Dielectric test of auxiliary wiring to earth
- j) Lightning Impulse (Full Wave)
- k) Temperature Rise (Heat Run)
- l) Measurement of sound pressure level
- m) Impulse Test (Chopped Wave)
- n) Functional test of devices (Bucholz relay, Pressure relief etc.)
- o) Tank mechanical and Oil leakage test
- p) Capacitance and dissipation factor test of windings.
- q) Oil tests (Dielectric, Tan-Delta, moisture, acidity and PCB content, DGA) **before** and **after** heat run test.
- r) Measurement of Insulation Resistance of the transformer winding, core, tank and frame.

Two KenGen’s Engineers shall witness & accept the tests above. KenGen will cater for accommodation and, return air tickets to the nearest airport in the country of the supplier/manufacturer. All other costs incurred during the witness tests shall be covered by the bidder. Test reports & certificates shall be issued. (***The successful bidder shall state the period for carrying out all the tests in the factory in days.***)

**(ii) SPECIFICATION AND PRICE SCHEDULE**

**PRICE SCHEDULE FOR SUPPLY OF SAGANA TRANSFORMER**

	ITEM	QUANTITY	COST
1	750KVA, 11KV/3.3KV mineral oil filled transformer complete with an offload tapchanger and all accessories including HT termination clamps	2	
2	Spare High voltage bushing	2 sets	
3	Spare low voltage bushing (3.3KV)	2 sets	
4	On load tap changer consumable spares (Please attach proposed separate list with bid)	LOT	
	<i>Total FOB</i>		
	<i>Sea Freight</i>		
	<i>Price CFR</i>		
	<i>CIF (Mombasa Port, Kenya)</i>		
<b>Total cost</b>			
<b>Delivery period</b>			
Country of origin			
Manufacturer			

Tenderer's Name	
Tenderer's Signature	
Date	

**SECTION V**  
**STANDARD FORMS**

- a. Form of Tender
- b. Contract Form
- c. Form of Tender Security
- d. Performance Bank Guarantee
- e. Bank Guarantee for Advance Payment
- f. Confidential Business Questionnaire

## FORM OF TENDER

TO: \_\_\_\_\_ [Name of Employer] \_\_\_\_\_ [Date]

\_\_\_\_\_ [Name of Contract]

Dear Sir,

1. In accordance with the Conditions of Contract, Specifications, Drawings and Bills of Quantities/Schedule of Rates for the execution of the above named Works, we, the undersigned offer to construct, install and complete such Works and remedy any defects therein for the sum of Kshs. \_\_\_\_\_ [Amount in figures] Kenya Shillings \_\_\_\_\_ [Amount in words]
2. We undertake, if our tender is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Employer's Representative's notice to commence, and to complete the whole of the Works comprised in the Contract within the time stated in the Appendix to Conditions of Contract.
3. We agree to abide by this tender until \_\_\_\_\_ [Insert date], and it shall remain binding upon us and may be accepted at any time before that date.
4. Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereof, shall constitute a binding Contract between us.
5. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_

Signature \_\_\_\_\_ in the capacity of \_\_\_\_\_  
duly authorised to sign on behalf of

Name of bidder: \_\_\_\_\_

[Address of Tenderer] \_\_\_\_\_

Witness; Name \_\_\_\_\_ Signature \_\_\_\_\_

**Note:** In accordance with **Clause 82** of the **Public Procurement and Asset Disposal Act 2015**

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



## CONTRACT FORM

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

WHEREAS THE Employer is desirous that the Contractor executes

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

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and shall be read and construed as part of this Agreement i.e.
  - (i) Letter of Acceptance
  - (ii) Form of Tender
  - (iii) Conditions of Contract
  - (iv) Appendix to Conditions of Contract
  - (v) Specifications
  - (vi) Drawings
  - (vii) Priced Bills of Quantities/Priced Schedule of Rates [whichever is applicable]
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby

covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.

4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The common Seal of \_\_\_\_\_

Was hereunto affixed in the presence of \_\_\_\_\_

Signed Sealed, and Delivered by the said \_\_\_\_\_

Binding Signature of Employer \_\_\_\_\_

Binding Signature of Contractor \_\_\_\_\_

In the presence of (i) Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

[ii] Name \_\_\_\_\_

Address \_\_\_\_\_

Signature \_\_\_\_\_

**FORM OF TENDER SECURITY**

(On bank letterhead)

WHEREAS .....(hereinafter called “the Tenderer”) has submitted his tender dated ..... for the **Tender for Supply of 750kva, 3.3kv/11kv, 50 Hz, 3phase Step-Up Generator Transformer for Sagana Power Station** .....  
..... (name of Contract)

KNOW ALL PEOPLE by these presents that WE ..... having our registered office at .....(hereinafter called “the Bank”), are bound unto .....(hereinafter called “the Employer”) in the sum of Kshs..... for which payment well and truly to be made to the said Employer, the Bank binds itself, its successors and assigns by these presents sealed with the Common Seal of the said Bank this ..... Day of .....20.....

THE CONDITIONS of this obligation are:

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

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

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

\_\_\_\_\_  
[date]

\_\_\_\_\_  
[signature of the Bank]

\_\_\_\_\_  
[witness]

\_\_\_\_\_  
[seal]

# **PERFORMANCE BANK GUARANTEE**

(On bank letterhead)

To: \_\_\_\_\_ (Name of Employer) \_\_\_\_\_ (Date)  
\_\_\_\_\_ (Address of Employer)

Dear Sir,

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

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

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

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

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

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

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

SIGNATURE AND SEAL OF THE GUARANTOR \_\_\_\_\_

Name of Bank \_\_\_\_\_

Address \_\_\_\_\_

Date \_\_\_\_\_

(Amend accordingly if provided by Insurance Company)

**5. MANDATORY CONFIDENTIAL BUSINESS QUESTIONNAIRE**

*(Must be filled by all applicants or Tenderers' who choose to participate in this tender)*

Name ..... of  
Applicant(s).....

**You are requested to give the particulars in Part 1 and either Part 2 (a), 2 (b) or 2 (c), whichever applies to your type of business. Part 2 (d) to part 2 (i / j) must be filled. You are advised that giving wrong or false information on this Form will lead to automatic disqualification/termination of your business proposal at your cost.**

***Part 1 – General***

Business Name:.....Certificate of Incorporation /  
Registration No. ....Location of business premises:

Country .....Physical address .....

Town .....Building.....

Floor.....Plot No. ....

Street / Road .....Postal Address .....

Postal / Country Code.....Telephone No's.....

Fax No's. ....E-mail address .....

Website .....

Contact Person (*Full Names*) ..... Direct / Mobile No's.....

Title ..... Power of Attorney (**Yes / No**)

If **yes**, attach written document.

Nature of Business (*Indicate whether manufacturer, distributor, etc*) .....

**(Applicable to Local suppliers only)**

Local Authority Trading License No. .... Expiry Date .....

Value Added Tax No.....

Value of the largest single assignment you have undertaken to date (**US D/KShs**)

***Supply, installed and commissioning of electric Winch system Sagana Power Station***

.....

Was this successfully undertaken? **Yes / No** .....(If **Yes**, attach reference)

Name (s) of your banker (s)

.....

Branches ..... Tel. No's. ....

**Part 2 (a) – Sole Proprietor (if applicable)**

Full names .....

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

.....

Company Profile ..... (Attach brochures or annual reports in case of public company)

**Part 2 (b) – Partnerships (if applicable)**

Give details of partners as follows:

**Full Names Nationality Citizenship Details Shares**

1. ....

2. ....

Company Profile ..... (Attach brochures)

**Part 2 (c) – Registered Company (if applicable - as per the CR12 form)**

Private or public .....

Company Profile ..... (Attach brochures or annual reports in case of public companies)

State the nominal and issued capital of the Company

Nominal KShs .....

Issued KShs .....

List of top ten (10) shareholders and distribution of shareholding in the company. Give details of all directors as

*Supply, installed and commissioning of electric Winch system Sagana Power Station*

follows:-

**Full Names Nationality Citizenship Details Shares**

1.....

2.....

**Part 2 (d) – Debarment**

I/We declare that I/We have not been debarred from any procurement process and shall not engage in any fraudulent, corrupt, coercive and obstructive acts with regard to this or any other tender by the KENGEN and any other public or private institutions.

Full Names .....

Signature .....

Dated this ..... day of .....2017.

In the capacity of .....

Duly authorized to sign Tender for and on behalf of .....

**Part 2 (e) – Bankruptcy / Insolvency / receivership.**

I/We declare that I/We have not been declared bankrupt or insolvent by the competent Authorities in Kenya and neither are we under receivership:

Full Names .....

Signature .....

Dated this ..... day of .....2017.

In the capacity of .....

Duly authorized to sign Tender for and on behalf of .....

**Part 2 (f) – Criminal Offence**

I/We, (Name (s) of Director (s)):-

a) .....

b) .....

Have not been convicted of any criminal offence relating to professional conduct or the making of false statements or misrepresentations as to its qualifications to enter into a procurement contract within a period of three (3) years preceding the commencement of procurement proceedings.

Signed .....

For and on behalf of M/s .....

In the capacity of .....

Dated this ..... day of .....2017.

Suppliers' / Company's Official Rubber Stamp .....

**Part 2 (g) – Conflict of Interest**

I/We, the undersigned state that I / We have no conflict of interest in relation to this procurement:

a) .....

b) .....

For and on behalf of M/s .....

In the capacity of .....

Dated this ..... day of .....2017

Suppliers' / Company's Official Rubber Stamp .....

**Part 2 (h) – Interest in the Firm:**

Is there any person/persons in KENGEN or any other public institution who has interest in the Firm? Yes/No

..... (Delete as necessary) Institution .....

(Title) (Signature) (Date)

**Part 2 (i or j) – Bank account details:**

AGPO firms must provide evidence from their bank that the account to which KenGen shall make payment has a youth or a woman or a PWD listed in the **CR12 form/partnership deed/sole proprietor certificate** as a MANDATORY signatory of that account,- **Sec.157 (11) of PPADA:**

Account No:.....Name of the person(s) in the CR12 form OR in the partnership deed OR in the sole proprietor certificate...../.....

ID No(s):...../.....Signature and stamp of the authorized Banker Representative.....Date.....

**Part 2(j or k) – Declaration**

*Supply, installed and commissioning of electric Winch system Sagana Power Station*



I / We, the undersigned state and declare that the above information is correct and that I / We give KENGEN authority to seek any other references concerning my / our company from whatever sources deemed relevant, e.g. Office of the Registrar of Companies, Bankers, etc.

Full names .....

Signature.....

For and on behalf of M/s .....

In the capacity of .....

Dated this ..... day of .....2017.

Suppliers' / Company's Official Rubber Stamp

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