



KENYA ELECTRICITY GENERATING COMPANY PLC

KGN-SONDU- 09-2019

**TENDER FOR SUPPLY AND COMMISSIONING OF
BACK UP SYSTEM FOR SONDU-MIRIU POWER
STATION DISTRIBUTED CONTROL SYSTEM.**

(OPEN NATIONAL).

Kenya Electricity Generating Company Limited
Stima Plaza Phase III, Kolobot Road, Parklands
P.O. BOX 47936-00100
NAIROBI.

Website: www.kengen.co.ke

April, 2019

Tender for Supply and Commissioning of Data Back Up System for Sondu-Miriu Power Station DCS

GUIDELINES TO PREPARATION OF BID DOCUMENT

In preparing the bid document in response to the tender, bidders are advised to note the following:

1. **Section I – Invitation to Tender.** This section gives guidelines on how and where to seek further clarification pertaining to the tender document; the form and amount of Tender Security required; where and when the tenders should be submitted; and place where tenders will be opened.
2. **Section II – Instruction to Tenderers.** This section guides tenderers on how to prepare their bid and how the tendering process will be carried out up to the award stage including notification of award to the successful bidder. **“Appendix to Instruction to Tenderers”** customizes clauses under Section II. **Wherever there is a conflict between the provisions of the Instructions to Tenderers under Section II and the provisions of the appendix, the provisions of the appendix prevail.**
3. **Evaluation Criteria:** This gives information on how the tender will be evaluated. Tenderers should be able to evaluate their bids before submission to determine in advance whether they meet the requirement of the bid or not. Through the evaluation criteria bidders will be able to note all the required documents that should be attached to the bid document.

Checklist of Document Forming the Bid

No.	Documents forming part of the bid	Remarks												
1	The main sections of the tender document that includes Section I – Invitation to Tender; Section II – Instruction to Tenderers, including Appendix to Instruction to Tenderers; and Section III – General Conditions of the Contract, including Special Conditions of Contract	These Sections remain as they are in the tender document.												
2	Duly filed mandatory business questionnaire with particulars of the supplier ,contractor and consultant and shall include: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="padding: 2px;">i. Name of supplier</td></tr> <tr><td style="padding: 2px;">ii. Registration details (ID/Registration/Incorporation Number)</td></tr> <tr><td style="padding: 2px;">iii. PIN Number</td></tr> <tr><td style="padding: 2px;">iv. List of directors, shareholders and beneficial owners(in case of a company)</td></tr> <tr><td style="padding: 2px;">v. Name of proprietor (for sole proprietor and business name)</td></tr> <tr><td style="padding: 2px;">vi. Name of partners (for partnerships)</td></tr> <tr><td style="padding: 2px;">vii. Business contact information (Telephone and Email Address)</td></tr> <tr><td style="padding: 2px;">viii. Postal Address</td></tr> <tr><td style="padding: 2px;">ix. Physical address</td></tr> <tr><td style="padding: 2px;">x. Tax compliance status</td></tr> <tr><td style="padding: 2px;">xi. Business permit /License number</td></tr> <tr><td style="padding: 2px;">xii. County of operations</td></tr> </table>	i. Name of supplier	ii. Registration details (ID/Registration/Incorporation Number)	iii. PIN Number	iv. List of directors, shareholders and beneficial owners(in case of a company)	v. Name of proprietor (for sole proprietor and business name)	vi. Name of partners (for partnerships)	vii. Business contact information (Telephone and Email Address)	viii. Postal Address	ix. Physical address	x. Tax compliance status	xi. Business permit /License number	xii. County of operations	
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4	Duly filled priced schedules	Prices quoted to be inclusive of taxes												
5	Duly filled and signed Form of Tender in the format provided in the tender document													
6	Duly filled and signed declaration form in the form provided OR tender Security Provided													
7	Bid document to be serialized/paginated on all pages													
8	Bidders are advised to use KenGen’ s tender document or ensure to align their bid to it													
9	Confirmation of a bid submission Online.													

Following the Executive Order No.2 of 2018 issued by The Presidency

1. **THAT** effective the **1st of July 2018**, all Public Procuring Entities shall maintain and continuously **update and publicize** (through the websites of the Public Procuring Entity, e-Citizen, Public Procurement Regulatory Authority platforms, public notice boards and/or official government publications):
 - Full Particulars of the awarded Bidder (Supplier, Contractor or Consultant);
 - Specification of goods and services, scope and schedule of works and contract value;
 - Technical and financial capacity of the awarded bidder (Supplier, Contractor or Consultant) and summary of reasons for the award;
 - Award Date and Contract Period;
 - Current market price of the specific goods, works or service, as well as price guidelines as published by the Public Procurement Regulatory Authority with regard to that specific item (*where applicable*);

2. In furtherance to above, the list of the awarded suppliers/contracts/consultants shall include the following information:
 - Name of Supplier
 - Registration Details (ID/Registration/Incorporation Number
 - PIN Number
 - List of Directors, Shareholders and Beneficial Owners (in case of a company)
 - Name of Proprietor (for sole Proprietor and Business name)
 - Name of Partners (for Partnerships)
 - Business Contacts Information (telephone and email address)
 - Postal address
 - Physical address
 - Tax Compliance Status
 - Business Permit/License Number
 - County of operation

In compliance to the executive order, the above details shall form part of mandatory requirement in the tender documents submitted.

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SECTION I INVITATION TO TENDER

The Company invites sealed tenders from eligible candidates for the “**Supply and Commissioning of Data Back Up System for Sondu-Miriu Power Station Distributed Control System**” 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;
Cc: dkorir@kengen.co.ke;
fmakau@kengen.co.ke

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. Bidders who download the tender document from the website **are advised to forward their particulars to facilitate any subsequent tender clarifications and addenda**. Downloaded copies 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 “**KGN-SONDU-09-2019 - Supply and Commissioning of Data Back Up System for Sondu-Miriu Power Station Distributed Control System**” and addressed to:

**Company Secretary & Legal Affairs Director
Kenya Electricity Generating Company PLC
10th Floor, RBS Pension Plaza
Kolobot Road, Parklands
P O Box 47936 - 00100
NAIROBI, KENYA**

On or before: **15th May, 2019 at 10.00 a.m.**

Tenders will be opened on **15th May, 2019 at 10.30 a.m.** in the presence of the candidates’ representatives who choose to attend at KenGen Pension Plaza 2, Tender Opening Room, Ground Floor. The company reserves the right to vary the quantities.

*KenGen adheres to high standards of integrity in its business operations.
Report any unethical behavior immediately to any of the provided anonymous hotline service.*

- 1) Call Toll Free: 0800722626;
- 2) Free-Fax: 00800 007788;
- 3) Email: kengen@tip-offs.com
- 4) Website: www.tip-offs.com

SUPPLY CHAIN DIRECTOR

SECTION II

INSTRUCTIONS TO TENDERERS

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2.1 Eligible Tenderers

- 2.1.1 This Invitation for Tenders is open to all tenderers eligible as described in the Invitation to Tender. Successful tenderers shall complete the supply of goods by the intended completion date specified in the Schedule of Requirements (Section VI).
- 2.1.2 The procuring entity's employees, committee members, board members and their relative (spouse and children) are not eligible to participate in the tender.
- 2.1.3 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 the Procuring entity 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 for tenders.
- 2.1.4 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices.

2.2 Eligible Goods

- 2.2.1 All goods to be supplied under the contract shall have their origin in eligible source countries.
- 2.2.2 For purposes of this clause, "origin" means the place where the goods are mined, grown, or produced. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components
- 2.2.3 The origin of goods is distinct from the nationality of the tenderer.

2.3 Cost of Tendering

- 2.3.1 The Tenderer shall bear all costs associated with the preparation and submission of its tender, and the procuring entity, will in no case be

responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

2.3.2 The price to be charged for the tender document collected from the Procuring Entity shall not exceed Kshs.1,000/=. Downloaded copies are free of charge.

2.3.3 All firms found capable of performing the contract satisfactorily in accordance with the set prequalification criteria shall be prequalified.

2.4. The Tender Document

2.4.1 The tender document comprises the documents listed below and addenda issued in accordance with clause 2.6 of these instructions to Tenderers

- (i) Invitation to Tender
- (ii) Instructions to tenderers
- (iii) General Conditions of Contract
- (iv) Special Conditions of Contract
- (v) Schedule of requirements
- (vi) Technical Specifications
- (vii) Tender Form and Price Schedules
- (viii) Tender Security Form
- (ix) Contract Form
- (x) Performance Security Form
- (xi) Manufacturer's Authorization Form
- (xii) Confidential Business Questionnaire

2.4.2 The Tenderer is expected to examine all instructions, forms, terms, and specifications in the tender documents. Failure to furnish all information required by the tender documents or to submit a tender not substantially responsive to the tender documents in every respect will be at the tenderers risk and may result in the rejection of its tender.

2.5 Clarification of Documents

2.5.1 A prospective tenderer requiring any clarification of the tender document may notify the Procuring entity in writing or by post at the entity's address indicated in the Invitation to Tender. The Procuring entity 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 the procuring entity. Written

copies of the Procuring entities response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective tenderers that have received the tender document.

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

2.6 **Amendment of Documents**

2.6.1 At any time prior to the deadline for submission of tenders, the Procuring entity, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, may modify the tender documents by amendment.

2.6.2 All prospective candidates that have received the tender documents will be notified of the amendment in email and will be binding on them.

2.6.3 In order to allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, the Procuring entity, at its discretion, may extend the deadline for the submission of tenders.

2.7 **Language of Tender**

2.7.1 The tender prepared by the tenderer, as well as all correspondence and documents relating to the tender exchange by the tenderer and the Procuring entity, shall be written in English language, provided that any printed literature furnished by the tenderer may be written in another language provided 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.

2.8 **Documents Comprising of Tender**

2.8.1 The tender prepared by the tenderers shall comprise the following components:

- (a) a Tender Form and a Price Schedule completed in accordance with paragraph 2.9, 2.10 and 2.11 below

- (b) documentary evidence established in accordance with paragraph 2.1 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 2.2 that the goods and ancillary services to be supplied by the tenderer are eligible goods and services and conform to the tender documents; and
- (d) tender security furnished in accordance with paragraph 2.14

2.9 **Tender Forms**

2.9.1 The tenderer shall complete the Tender Form and the appropriate Price Schedule furnished in the tender documents, indicating the goods to be supplied, a brief description of the goods, their country of origin, quantity, and prices.

2.10 **Tender Prices**

2.10.1 The tenderer shall indicate on the appropriate Price Schedule the unit prices and total tender price of the goods it proposes to supply under the contract

2.10.2 Prices indicated on the Price Schedule shall include all costs including taxes, insurances and delivery to the premises of the entity.

2.10.3 Prices quoted by the tenderer shall be fixed during the Tender's performance of the contract and not subject to variation on any account. A tender submitted with an adjustable price quotation will be treated as non-responsive and will be rejected, pursuant to paragraph 2.22

2.10.4 The validity period of the tender shall be **120 days after** the date of opening of the tender.

2.11 **Tender Currencies**

2.11.1 Prices shall be quoted in Kenya Shillings unless otherwise specified in the Appendix to Instructions to Tenderers.

2.12 **Tenderers Eligibility and Qualifications**

2.12.1 Pursuant to paragraph 2.1. the tenderer shall furnish, as part of its

Tender, documents establishing the tenderers eligibility to tender and Its qualifications to perform the contract if its tender is accepted.

- 2.12.2 The documentary evidence of the tenderers eligibility to tender shall establish to the Procuring entity's satisfaction that the tenderer, at the time of submission of its tender, is from an eligible source country as defined under paragraph 2.1
- 2.12.3 The documentary evidence of the tenderers qualifications to perform the contract if its tender is accepted shall be established to the Procuring entity's satisfaction;
- (a) that, in the case of a tenderer offering to supply goods under the contract which the tenderer did not manufacture or otherwise produce, the tenderer has been duly authorized by the goods' Manufacturer or producer to supply the goods.
 - (b) that the tenderer has the financial, technical, and production capability necessary to perform the contract;
 - (c) that, in the case of a tenderer not doing business within Kenya, the tenderer is or will be (if awarded the contract) represented by an Agent in Kenya equipped, and able to carry out the Tenderer's maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications.

2.13 Goods Eligibility and Conformity to Tender Documents

- 2.13.1 Pursuant to paragraph 2.2 of this section, the tenderer shall furnish, as part of its tender documents establishing the eligibility and conformity to the tender documents of all goods which the tenderer proposes to supply under the contract
- 2.13.2 The documentary evidence of the eligibility of the goods shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.
- 2.13.3 The documentary evidence of conformity of the goods to the tender documents may be in the form of literature, drawings, and data, and shall consist of:

- (a) a detailed description of the essential technical and performance characteristic of the goods;
- (b) a list giving full particulars, including available source and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period of two (2) years, following commencement of the use of the goods by the Procuring entity (*if applicable*); and
- (c) a clause-by-clause commentary on the Procuring entity's Technical Specifications demonstrating substantial responsiveness of the goods and service to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.

2.13.4 For purposes of the documentary evidence to be furnished pursuant to paragraph 2.13.3(c) above, the tenderer shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procurement entity in its Technical Specifications, are intended to be descriptive only and not restrictive. The tenderer may substitute alternative standards, brand names, and/or catalogue numbers in its tender, provided that it demonstrates to the Procurement entity's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

2.14 Tender Security

2.14.1 The tenderer shall furnish, as part of its tender, a tender security for the amount specified in the Appendix to Invitation to Tenderers.

2.14.2 The tender security shall be for the amount specified in the Appendix.

2.14.3 The tender security is required to protect the Procuring entity against the risk of Tenderer's conduct which would warrant the security's forfeiture, pursuant to paragraph 2.14.7

2.14.4 The tender security shall be denominated in Kenya Shillings or in another freely convertible currency, and shall be in the form of an on-demand bank guarantee issued by a reputable bank located in Kenya or where the bank is located abroad, it must have a local correspondent bank.

The Tender Security may also be in the form of an on-demand guarantee issued by a reputable insurance company approved by the Authority and

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in the form provided in the tender documents or another form acceptable to the Procuring entity.

The tender security must be valid for at least thirty (30) days beyond the validity of the tender.

2.14.5 Any tender not secured in accordance with paragraph 2.14.1 and 2.14.3 will be rejected by the Procuring entity as non-responsive, pursuant to paragraph 2.22

2.14.6 Unsuccessful Tenderer's tender security will be discharged or returned as promptly as possible, but not later than thirty (30) days after the expiration of the period of tender validity prescribed by the Procuring entity.

2.14.7 The successful Tenderer's tender security will be discharged upon the tenderer signing the contract, pursuant to paragraph 2.27 and furnishing the performance security, pursuant to paragraph 2.28

2.14.8 The tender security may be forfeited:

(a) if a tenderer withdraws its tender during the period of tender validity specified by the procuring entity 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 2.27

or

(ii) to furnish performance security in accordance with paragraph 2.28

2.15 **Validity of Tenders**

2.15.1 Tenders shall remain valid for **120 days after** the date of tender opening prescribed by the Procuring entity, pursuant to paragraph 2.18. A tender valid for a shorter period shall be rejected by the Procuring entity as non-responsive.

2.15.2 In exceptional circumstances, the Procuring entity may solicit the Tenderer's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The tender security provided under paragraph 2.14 shall also be suitably extended. A tenderer

may refuse the request without forfeiting its tender security. A tenderer granting the request will not be required nor permitted to modify its tender.

2.16 Format and Signing of Tender

2.16.1 The Tenderer shall prepare **two copies of the tender**, clearly marking each “**ORIGINAL TENDER**” and “**COPY OF TENDER**,” as appropriate. In the event of any discrepancy between them, the original shall govern.

2.16.2 The original and all copies of the tender shall be typed or written in indelible ink and shall be signed by the tenderer or a person or persons duly authorized to bind the tenderer to the contract. **The latter authorization shall be indicated by written power-of-attorney accompanying the tender. All pages of the tender, except for un-amended printed literature, shall be initialed by the person or persons signing the tender.**

2.16.3 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.

2.17 Sealing and Marking of Tenders

2.17.1 The Tenderer shall seal the original and each copy of the tender in separate envelopes, duly marking the envelopes as “ORIGINAL” and “COPY.” The envelopes shall then be sealed in an outer envelope.

2.17.2 The inner and outer envelopes shall:

- (a) be addressed to the Procuring entity at the address given in the Invitation to Tender:
- (b) bear, tender number and name in the Invitation for Tenders and the words, “**DO NOT OPEN BEFORE 15th May, 2019 at 10.00 a.m.**”

2.17.3 The inner envelopes shall also indicate the name and address of the tenderer to enable the tender to be returned unopened in case it is declared “late”.

2.17.4 If the outer envelope is not sealed and marked as required by paragraph 2.17.2, the Procuring entity will assume no responsibility for the tender’s misplacement or premature opening.

2.18 Deadline for Submission of Tenders

2.18.1 Tenders must be received by the Procuring entity at the address specified under paragraph 2.17.2 no later than **15th May, 2019 at 10.00 a.m.**

2.18.2 The Procuring entity may, at its discretion, extend this deadline for the submission of tenders by amending the tender documents in accordance with paragraph 2.6, in which case all rights and obligations of the Procuring entity and candidates previously subject to the deadline will therefore be subject to the deadline as extended

2.19 Modification and Withdrawal of Tenders

2.19.1 The tenderer may modify or withdraw its tender after the tender’s submission, provided that written notice of the modification, including substitution or withdrawal of the tenders, is received by the Procuring Entity prior to the deadline prescribed for submission of tenders.

2.19.2 The Tenderer’s modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of paragraph 2.17. A withdrawal notice may also be sent by cable, telex but followed by a signed confirmation copy, postmarked not later than the deadline for submission of tenders.

2.19.3 No tender may be modified after the deadline for submission of tenders.

2.19.4 No tender may be withdrawn in the interval between the deadline for submission of tenders and the expiration of the period of tender validity specified by the tenderer on the Tender Form. Withdrawal of a tender during this interval may result in the Tenderer’s forfeiture of its tender security, pursuant to paragraph 2.14.7

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

2.19.6 The procuring entity shall give prompt notice of the termination to the tenderers and on request give its reasons for termination within 14 days of receiving the request from any tenderer.

2.20 Opening of Tenders

2.20.1 The Procuring entity will open all tenders in the presence of tenderers' representatives who choose to attend, on **15th May, 2019 at 10.30 a.m.**

2.20.2 and in the location specified in the Invitation to Tender.

The tenderers' representatives who are present shall sign a register evidencing their attendance.

2.20.3 The tenderers' names, tender modifications or withdrawals, tender prices, discounts and the presence or absence of requisite tender security and such other details as the Procuring entity, at its discretion, may consider appropriate, will be announced at the opening.

2.20.4 The Procuring entity will prepare minutes of the tender opening.

2.21 Clarification of Tenders

2.21.1 To assist in the examination, evaluation and comparison of tenders the Procuring entity 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.

2.21.2 Any effort by the tenderer to influence the Procuring entity in the Procuring entity's tender evaluation, tender comparison or contract award decisions may result in the rejection of the tenderers' tender.

2.22 Preliminary Examination

2.22.1 The Procuring entity will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order.

2.22.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantify, the unit price shall prevail, and the total price shall be corrected. If the candidate does not accept the correction of the errors, its tender will be rejected, and its tender security forfeited. If there is a discrepancy between words and figures the amount in words will prevail

2.22.3 The Procuring entity may waive any minor informality or non-conformity or irregularity in a tender which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any tenderer.

2.22.4 Prior to the detailed evaluation, pursuant to paragraph 2.23 the Procuring entity will determine the substantial responsiveness of each tender to the tender documents. For purposes of these paragraphs, a substantially responsive tender is one, which conforms to all the terms and conditions of the tender documents without material deviations. The Procuring entity's determination of a tender's responsiveness is to be based on the contents of the tender itself without recourse to extrinsic evidence.

2.22.5 If a tender is not substantially responsive, it will be rejected by the Procuring entity and may not subsequently be made responsive by the tenderer by correction of the non conformity.

2.23 Conversion to Single Currency

2.23.1 Where other currencies are used, the procuring entity will convert these currencies to Kenya Shillings using the selling exchange rate on the date of tender closing provided by the Central Bank of Kenya.

2.24 Evaluation and Comparison of Tenders

2.24.1 The Procuring entity will evaluate and compare the tenders which have been determined to be substantially responsive, pursuant to paragraph 2.22

2.24.2 The tender evaluation committee shall evaluate the tender within 30 days of the validity period from the date of opening the tender.

2.24.3 A tenderer who gives false information in the tender document about its qualification or who refuses to enter into a contract after notification of contract award shall be considered for debarment from participating in future public procurement.

2.25 Preference

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

2.26 Contacting the Procuring entity

2.26.1 Subject to paragraph 2.21 no tenderer shall contact the Procuring entity on any matter related to its tender, from the time of the tender opening to the time the contract is awarded.

2.26.2 Any effort by a tenderer to influence the Procuring entity in its decisions on tender, evaluation, tender comparison, or contract award may result in the rejection of the Tenderer's tender.

2.27 Award of Contract

(a) Post-qualification

2.27.1 In the absence of pre-qualification, the Procuring entity will determine to its satisfaction whether the tenderer that is selected as having submitted the lowest evaluated responsive tender is qualified to perform the contract satisfactorily.

2.27.2 The determination will take into account the tenderer financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the tenderers qualifications submitted by the tenderer, pursuant to paragraph 2.12.3 as well as such other information as the Procuring entity deems necessary and appropriate.

2.27.3 A positive determination will be a prerequisite for award of the contract to the tenderer. A negative determination will result in rejection of the Tenderer's tender, in which event the Procuring entity will proceed to the next lowest evaluated tender to make a similar determination of that Tenderer's capabilities to perform satisfactorily.

(b) **Award Criteria**

2.27.4 The Procuring entity will award the contract to the successful tenderer(s) whose tender has been determined to be substantially responsive and has been determined to be the lowest evaluated tender, provided further that the tenderer is determined to be qualified to perform the contract satisfactorily.

(c) **Procuring entity's Right to Vary quantities**

2.27.5 The Procuring entity reserves the right at the time of contract award to increase or decrease the quantity of goods originally specified in the Schedule of requirements without any change in unit price or other terms and conditions

(d) **Procuring entity's Right to accept or Reject any or All Tenders**

2.27.6 The Procuring entity reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, 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 Procuring entity's action

2.28 Notification of Award

2.28.1 Prior to the expiration of the period of tender validity, the Procuring entity will notify the successful tenderer in writing that its tender has been accepted.

2.28.2 The notification of award will constitute the formation of the Contract but will have to wait until the contract is finally signed by both parties

2.28.3 Upon the successful Tenderer's furnishing of the performance security pursuant to paragraph 2.28, the Procuring entity will promptly notify each unsuccessful Tenderer and will discharge its tender security, pursuant to paragraph 2.14

2.29 Signing of Contract

2.29.1 At the same time as the Procuring entity notifies the successful tenderer that its tender has been accepted, the Procuring entity will send the

tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.

2.29.2 The parties to the contract shall have it signed within **fifteen (15) days** from the date of notification of contract award unless there is an administrative review request.

2.29.3 Within **fifteen (15) days** of receipt of the Contract Form, the successful tenderer shall sign and date the contract and return it to the Procuring entity.

2.30 Performance Security

2.30.1 Within **fifteen (15) days** of the receipt of notification of award from the Procuring entity, the successful tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents, or in another form acceptable to the Procuring entity.

2.30.2 Failure of the successful tenderer to comply with the requirements of paragraph 2.27 or paragraph 2.28 shall constitute sufficient grounds for the annulment of the award and forfeiture of the tender security, in which event the Procuring entity may make the award to the next lowest evaluated Candidate or call for new tenders.

2.31 Corrupt or Fraudulent Practices

2.31.1 The Procuring entity requires that tenderers 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;

(i) “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

(ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring entity, and includes collusive practice among tenderer (prior to or after tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the Procuring entity of the benefits of free and open competition;

- 2.31.2 The procuring entity will reject a proposal for award if it determines that the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- 2.31.3 Further a tenderer who is found to have indulged in corrupt or fraudulent practices risks being debarred from participating in public procurement in Kenya.

APPENDIX TO INSTRUCTIONS TO TENDERERS

The following information regarding the particulars of the tender shall complement supplement or amend the provisions of the instructions to tenderers. Wherever there is a conflict between the provision 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

The following information regarding the particulars of the tender shall complement supplement or amend the provisions of the instructions to tenderers. Wherever there is a conflict between the provision of the instructions to tenderers and the provisions of the appendix, the provisions of the appendix herein shall prevail over those of the instructions to tenderers

INSTRUCTIONS TO TENDERERS REFERENCE	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO TENDERS
2.1.1 Eligibility	This tender is reserved for Citizen Contractors
2.5.2 Clarification	Clarifications to the tender shall be responded to for request received no later than 3 days to the tender closing date
2.10.2 Tender Prices	Prices indicated in the tender price schedule shall include all cost including taxes, insurance and delivery to KenGen
2.14.4 Tender Security	Tender security shall be of the amount of One Hundred and Fifty Thousand Shillings (Kes.150,000.00), valid for 30days beyond Tender validity Period (150 days)
2.15.1 Tender Validity	The tender is valid for 120 days from opening date
2.18.3 Deadline and Submission of Tender	Tender closing date 15th May, 2019 at 10.00 a.m. and Opening date and time 15th May, 2019 at 10.30 a.m.
2.24 Evaluation Criteria	The following shall be the evaluation Criteria A) Preliminary evaluation may include but not limited to the following requirements: <ul style="list-style-type: none"> ➤ Duly completed tender form ➤ Duly completed price schedule ➤ Duly completed technical specifications schedule accompanied by supporting literature for all materials ➤ Duly filled and signed confidential business questionnaire

- Valid Tax Compliance Certificate
- Certificate of incorporation
- Proof of physical address and licensing with the local county government
- Duly Signed and Stamped Manufacturer's authorization
- Warranty Period of at least **12 months**
- Tenderers shall incorporate all product brochures, clearly high-lightened on specific areas showing conformity to technical specifications specified in this tender document
- Last two years audited accounts (2016-2017).

N/B The Executive order No. 2 shall form part of the mandatory requirements.

B) Technical Evaluation Requirements

Compliance to Specification.

All equipment offered shall comply fully with the tender specifications.

Equipment shall be supplied complete with all relevant software licenses and hardware accessories

Evidence of after sales support and **warranty services**

Attach manufacturers' statement of commitment to extend Technical support and warranty for the equipment to be supplied

Experience in Similar works

Attach manufacturers' statement of commitment to extend Technical support and warranty for the equipment to be supplied.

Warranty period is 12 months

- PASS/FAIL" scoring technique on the various parameters outlined in the schedule of technical specifications in Section V.

D)Financial Evaluation

- This will take into account the bidder's tender price after subjecting the bid to preliminary and technical

	evaluation.
2.27.7	KenGen may at its own discretion conduct due diligence on the eligible bidders to establish their ability to perform the contract.

SECTION III:
GENERAL CONDITIONS OF CONTRACT

Table of Clauses

- 3.1 Definitions
- 3.2 Application
- 3.3 Country of Origin
- 3.4 Standards
- 3.5 Use of Contract documents and information
- 3.6 Patent Rights
- 3.7 Performance security
- 3.8 Inspection and Tests
- 3.9 Packing
- 3.10 Delivery and documents
- 3.11 Insurance
- 3.12 Payment
- 3.13 Price
- 3.14 Assignments
- 3.15 Sub contracts
- 3.16 Termination for default
- 3.17 Liquidated damages
- 3.18 Resolution of Disputes
- 3.19 Language and law
- 3.20 Force Majeure
- 3.21 Taxes

3.1 Definitions

3.1.1 In this Contract, the following terms shall be interpreted as indicated:-

- (a) “The Contract” means the agreement entered into between the Procuring entity and the tenderer, as recorded in the Contract Form

signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

- (b) “The Contract Price” means the price payable to the tenderer under the Contract for the full and proper performance of its contractual obligations
- (c) “The Goods” means all of the equipment, machinery, and/or other materials, which the tenderer is required to supply to the Procuring entity under the Contract.
- (d) “The Procuring entity” means the organization purchasing the Goods under this Contract.
- (e) “The Tenderer” means the individual or firm supplying the Goods under this Contract.

3.2 Application

3.2.1 These General Conditions shall apply in all Contracts made by the Procuring entity for the procurement installation and commissioning of equipment

3.3 Country of Origin

3.3.1 For purposes of this clause, “Origin” means the place where the Goods were mined, grown or produced.

3.3.2 The origin of Goods and Services is distinct from the nationality of the tenderer.

3.4 Standards

3.4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.

3.5 Use of Contract Documents and Information

3.5.1 The tenderer shall not, without the Procuring entity’s prior written consent, disclose the Contract, or any provision therefore, or any specification, plan, drawing, pattern, sample, or information furnished by

or on behalf of the Procuring entity in connection therewith, to any person other than a person employed by the tenderer in the performance of the Contract.

3.5.2 The tenderer shall not, without the Procuring entity's prior written consent, make use of any document or information enumerated in paragraph 3.5.1 above

3.5.3 Any document, other than the Contract itself, enumerated in paragraph 3.5.1 shall remain the property of the Procuring entity and shall be returned (all copies) to the Procuring entity on completion of the Tenderer's performance under the Contract if so required by the Procuring entity

3.6 **Patent Rights**

3.6.1 The tenderer shall indemnify the Procuring entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Procuring entity's country

3.7 **Performance Security**

3.7.1 Within **fifteen (15) days** of receipt of the notification of Contract award, the successful tenderer shall furnish to the Procuring entity the performance security in the amount specified in Special Conditions of Contract.

3.7.2 The proceeds of the performance security shall be payable to the Procuring entity as compensation for any loss resulting from the Tenderer's failure to complete its obligations under the Contract.

3.7.3 The performance security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Procuring entity 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 the Procuring entity, in the form provided in the tender documents.

3.7.4 The performance security will be discharged by the Procuring entity 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

3.8 Inspection and Tests

3.8.1 The Procuring entity or its representative shall have the right to inspect and/or to test the goods to confirm their conformity to the Contract specifications. The Procuring entity shall notify the tenderer in writing in a timely manner, of the identity of any representatives retained for these purposes.

3.8.2 The inspections and tests may be conducted in the premises of the tenderer or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the tenderer 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 the Procuring entity.

3.8.3 Should any inspected or tested goods fail to conform to the Specifications, the Procuring entity may reject the equipment, and the tenderer shall either replace the rejected equipment or make alterations necessary to make specification requirements free of costs to the Procuring entity.

3.8.4 The Procuring entity's right to inspect, test and where necessary, reject the goods after the Goods' arrival shall in no way be limited or waived by reason of the equipment having previously been inspected, tested and passed by the Procuring entity or its representative prior to the equipment delivery.

3.8.5 Nothing in paragraph 3.8 shall in any way release the tenderer from any warranty or other obligations under this Contract.

3.9 Packing

3.9.1 The tenderer shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract.

3.9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract

3.10 Delivery and Documents

3.10.1 Delivery of the Goods shall be made by the tenderer in accordance with the terms specified by Procuring entity in its Schedule of Requirements and the Special Conditions of Contract

3.11 Insurance

3.11.1 The Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacturer or acquisition, transportation, storage, and delivery in the manner specified in the Special conditions of contract.

3.12 Payment

3.12.1 The method and conditions of payment to be made to the tenderer under this Contract shall be specified in Special Conditions of Contract

3.12.2 Payments shall be made promptly by the Procuring entity as specified in the contract

3.13 Prices

3.13.1 Prices charged by the tenderer for goods delivered and services performed under the Contract shall not, with the exception of any price adjustments authorized in Special Conditions of Contract, vary from the prices by the tenderer in its tender.

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

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

3.13.4 Price variation request shall be processed by the procuring entity within 30 days of receiving the request.

3.14. Assignment

3.14.1 The tenderer shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring entity's prior written consent

3.15 Subcontracts

3.15.1 The tenderer shall notify the Procuring entity in writing of all subcontracts awarded under this Contract if not already specified in the tender. Such notification, in the original tender or later, shall not relieve the tenderer from any liability or obligation under the Contract

3.16 Termination for default

3.16.1 The Procuring entity may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the tenderer, terminate this Contract in whole or in part

(a) if the tenderer fails to deliver any or all of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring entity

(b) if the tenderer fails to perform any other obligation(s) under the Contract

(c) if the tenderer, in the judgment of the Procuring entity has engaged in corrupt or fraudulent practices in competing for or in executing the Contract

3.16.2 In the event the Procuring entity terminates the Contract in whole or in part, it may procure, upon such terms and in such manner as it deems appropriate, equipment similar to those undelivered, and the tenderer shall be liable to the Procuring entity for any excess costs for such similar goods.

3.17 Liquidated Damages

3.17.1. If the tenderer fails to deliver any or all of the goods within the period(s) specified in the contract, the procuring entity shall, without prejudice to its other remedies under the contract, deduct from the contract prices liquidated damages sum equivalent to 0.5% of the delivered price of the

delayed items up to a maximum deduction of 10% of the delayed goods. After this the tenderer may consider termination of the contract.

3.18 Resolution of Disputes

3.18.1 The procuring entity and the tenderer shall make every effort to resolve amicably by direct informal negotiation and disagreement or dispute arising between them under or in connection with the contract

3.18.2 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 require adjudication in an agreed national or international forum, and/or international arbitration.

3.19 Language and Law

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

3.20 Force Majeure

3.20.1 The tenderer shall not be liable for forfeiture of its performance security or termination for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

3.21 Taxes

3.21.1 "**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.

3.21.2 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.

3.21.3 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.

3.21.4 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

3.21.5 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.

3.21.6 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

3.21.7 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.

3.21.8 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.

3.21.9 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.

SECTION IV

SPECIAL CONDITIONS OF CONTRACT

- 4.1. Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, between the GCC and the SCC, the provisions of the SCC herein shall prevail over these in the GCC.
42. Special conditions of contract as relates to the GCC

GENERAL CONDITION S OF	SPECIAL CONDITIONS OF CONTRACT
3.6	Performance Security Shall be 10 % value of the Contract Sum and 30 days beyond Tender Validity Period
3.8	Terms of Payment Shall be 30 days Credit Period from the date of the Invoice upon submission of an invoice & Submission of the Report by the Inspection & Acceptance
3.9	Prices charged by the Service Provider for the service performed under the Contract shall not, with the exception of any Price adjustments authorized
3.14.	The procuring entity's and the contractor shall make every effort to resolve amicably by direct informal negotiations. Any disagreement or dispute arising Arbitration where necessary shall be by the Chartered Institute of Arbitrators Kenya Chapter or other International body.
3.17	The contract shall be 12Months from commencement date
3.18	Any notices given by one party to the other pursuant to this contract shall be sent to the other party by E-mail and confirmed in writing to the other party's address specified in the SCC

SECTION V

TECHNICAL SPECIFICATIONS & SCHEDULE OF REQUIREMENTS

This part will include any deliverables under the service contract

REQUIREMENT	MINIMUM REQUIREMENTS/SPECIFICATIONS	TENDERER'S OFFER (Must be filled)
Brand Name	Indicate	
Model	Indicate	
Country of Origin	Specify	
Dimensions	Indicate	
Weight	Indicate	
Storage controllers	Dual controllers with 8GB non-volatile memory per controller.	
Network interfaces	Management network: One 100BASE-TX dedicated management port per controller Interface ports: Four 1000BASE-T ports per controller.	
Hard disk drives.	24 hot-pluggable 3.5" 7.2K RPM NL-SAS drives	PS6100E7: 24 hot-pluggable 3.5" 7.2K RPM NL-SAS drives PS6100X: 24 hot-pluggable 3.5" 7.2K RPM NL-SAS drives
Drive capacities	1TB, 2TB, 3TB, 4TB	
System capacity	12TB	
Self-Encrypting Drives (SED)	3TB, 4TB NL-SAS SEDs	
Host protocol	Any standards-compliant iSCSI initiator	
Operating systems and hypervisors	Microsoft® Windows Server® 2016 standard including Hyper-V® VMware® ESX Server or as per OS requirements of data backup application.	
RAID supported	RAID 5, RAID 6, RAID 10 and RAID 502; PS6100XS: RAID-6 accelerated.	
TCP network support	IPv4, IPv6 core support.	
Expansion option	Can be combined with other arrays in the same SAN group, online. A maximum of 16 total members per group.	
Reliability	Redundant hot-swappable controllers with vertical port sharing Hot-swappable disks and power supplies.	
Enclosure monitoring system	Automatic spare configuration and utilization	

	SMART Automatic bad block replacement Auto-Stat Disk Monitoring System (ADMS) to monitor health of data on disk drives.	
Management interfaces	SAN Headquarters multi-group performance and event monitoring tool; Serial console; Ability to configure a separate management network ; SNMP, telnet, SSH, HTTP, Web (SSL), host scripting; Multi-administrator support.	
Security	CHAP authentication; Access control for iSCSI; Access control for management interface, including Active Directory, LDAP or RADIUS support.	
Notification methods	SNMP traps, email, syslog	
Power	Power supplies: 240Vac Mains, Dual Redundant	
Rack support	ReadyRails™ II static rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded-hole racks.	
Software Licenses and Accessories	Supply and install all necessary licenses and accessories	
freestanding rack	Size 20U freestanding rack mount Server cabinet type APC (or equivalent) complete with 2No. PDUs and 2No. Cooling fans”.	
Warranty	1 Year	

10.2.2 SERVER

REQUIREMENT	MINIMUM REQUIREMENTS/SPECIFICATIONS	TENDERER'S OFFER (Must be filled)
Brand Name	Indicate	
Model	Indicate	
Country of Origin	Specify	
Manufacturer	Indicate	
Dimensions	Indicate	
Weight	Indicate	
Processor	Intel® Xeon® Scalable processors, up to 22 cores per processor, 1No.	
Memory	16 DDR4 DIMM slots, speeds up to 2666MT/s, 32GB	
Storage controllers	Internal controllers: PERC H330, H730p, H740p, HBA330, Software RAID (SWRAID) S140 Boot Optimized Storage Subsystem: HWRAID 2 x M.2 SSDs 120GB, 240 GB External PERC (RAID): H840 External HBAs (non-RAID): 12 Gbps SAS HBA.	
Drive bays	Front drive bays: Up to 10 x 2.5" SAS/SATA (HDD/SSD) with up to 4 NVMe SSD max 48TB or up to 4 x 3.5 SAS/SATA HDD max 40TB DVD-ROM	
Hard Disk Size	5TB	
Form factor	Rack (1U)	
Power supplies	Hot plug power supplies with full redundancy	
Embedded on the Server	iDRAC9 with Lifecycle Controller iDRAC Direct iDRAC REST API with Redfish Quick Sync 2 BLE/wireless Module.	
Consoles	OpenManage Mobile OpenManage Power Center OpenManage Essentials.	
Integrations	OpenManage integrations: Microsoft® System Center, VMware® vCenter™, BMC Software	
Connections	OpenManage connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNibus, IBM Tivoli® Network Manager, CA Network and Systems Management.	
Security	TPM 1.2/2.0 optional Cryptographically signed firmware Hardware Root of Trust Secure Boot System Lockdown System Erase	

I/O & Ports	Network daughter cards 2 x 1GE Ports: Video, 1 x USB 2.0, dedicated iDRAC Direct USB, Video, serial, 2 x USB 3.0, dedicated iDRAC network port Riser: 1 x FH/HL	
Operating system Installed Complete with all applicable licenses	Microsoft Windows Server® 2016 standard with Hyper-V VMware® ESXi or as per requirements of Data Backup application.	
Display unit	24" Video Display Unit	
Input Devices	Standard Keyboard-UK & Mouse	
freestanding rack	Size 20U freestanding rack mount Server cabinet type APC (or equivalent) complete with 2No. PDUs and 2No. Cooling fans".	
Warranty	1year	

The TENDERER'S OFFER column MUST be filled, otherwise the bid shall be considered non-responsive.

5.1 PARTICULARS

1. INTRODUCTION:

The scope of work for installation and commissioning of an online data back up and restore system for the Distributed Control System (DCS) at Sondu-Miriu power station.

The system shall comprise a Server, Server operating system, Storage unit, Data Back up application software and any other software applications and licenses that may be necessary to complete the entire scope of the works as specified.

The server shall be of type Dell PowerEdge R440 or equivalent, while the storage hardware shall be Dell EqualLogic PS6100E or equivalent as specified.

2. DETAILED SCOPE OF WORK

The scope shall include:

- Supply and installation of new server as specified
- Supply and installation of Network Attached Storage hardware as specified
- Supply, installation, configuration and test of Data Backup Software with key features as specified. The software shall be supplied complete with appropriate licenses and capable of supporting the existing number of clients.
- Supply and installation of Server operating system which shall preferably be Microsoft Windows Server 2016 Standard Edition OEM or any other Operating

system compatible with the data Back up software complete with necessary licenses.

- Supply and installation of Kaspersky Antivirus software complete with necessary licenses for the server
- Data backup and restore tests on the system
- An initial full disk image back up from all disks in the currently existing DCS system servers and workstations.
- Training of staff.

3.MANUFACTURER’S AUTHORIZATION AND EXPERIENCE OF BIDDERS

The bidders shall provide a valid letter of authorization from Storage device, Server, and Data Back up software manufacturers, and attach evidence of successful execution of at least three contracts of similar nature within the last five years.

4. WORKS PROGRAMME

The works shall be accomplished within Eight weeks. The contractor shall provide the detailed work plan with detailed timelines for each activity.

5.SOFTWARE LICENSES

All software to be supplied must be duly licensed and the bidders shall assess the adequacy of the proposed software and licenses and recommend any additional requirements above what has been proposed in the tender. Any additional software and licenses recommended shall be included in the Bill of quantities and costed appropriately.

Licensing for all supplied software shall be perpetual, but shall include vendor support for a period of not less than three years.

6.WARRANTY

The successful bidder shall provide comprehensive warranty for all software , hardware and works for a period of one year, and shall remedy any defects (including supply of spares, services, works and replacement of whole units with new ones) arising in the system at no cost to KenGen.

7.TAKING OVER CERTIFICATE

On satisfactory completion of the system test and commissioning, the Employer shall issue a Taking over Certificate, whose date shall be the effective date of commencement of the warranty period.

8.TRAINING

On site hands on training for five (5) KenGen staff shall be offered by the contractor during the system installation and commissioning. This training will give emphasis on the

installations and configurations done during implementation of the project.

To facilitate this process, KenGen staff shall work closely with the contractor during project implementation.

In addition, the contractor shall offer comprehensive training on the following courses to three staff at a certified local training centre:

- (i) Administering Windows Server 2016 or any other operating system to be supplied with the Server.
- (ii) Data back up software to be supplied.

The server operating system course shall take a minimum of five days, while the training for the data backup software shall be not less than three days.

The successful bidder shall submit their training proposals for consideration and prior approval by KenGen before undertaking the training.

9. TECHNICAL DOCUMENTATION

The contractor will prepare and supply comprehensive installation and maintenance manual documents both in soft and hard copies.

10. TECHNICAL SPECIFICATIONS

10.1 DATA BACKUP AND RESTORE APPLICATION

The **Data backup** application shall have at the minimum, the following features.

Client Desktop or Server Operating system Compatibility-Multiplatform support (Windows, Linux etc), Business network architecture (Distributed Control System compatible) application, database, and operating system aware.

Supported Back up data destination type-Local disk, USB external disk or Network attached storage.

End-to-End Encryption -Integrated 256-bit Advanced Encryption Standards (AES) encryption or better.

Bandwidth and Storage Efficient Backups-Built-in global source-side data deduplication and bandwidth throttling capabilities for fine tuning backup performance.

Visual Control of Backups- Automatable reports for backup/restore status of all client machines, dashboard view of status of backup and restore processes.

Diagnostic Utility- Scans and diagnoses the status of services and accessibility of various components for ease of troubleshooting and resolution of issues affecting the system.

Audit Trail-Reports to provide accountability and traceability to the actions performed within the environment.

Supports Open File Backups-Ensuring that the work-in-progress files are also protected.

Flexible Management-Files can be backed up continuously, event based, as per schedule, or manually. The application shall also be capable of allowing configuration of destinations, and selection from full image, incremental, differential or custom backup types.

File and Folder Backups-Allowing control of backup by selecting individual files and folders when you don't want a full image copy.

Full Image Backup capability- To recover all data with a mirror image of entire system disk or a selected partition.

Active Disk Cloning-To Make an exact replica of an active system without having to stop and restart and enable migration of all data (OS, applications, files) to a different disk.

Creation of boot media – to enable system recovery to the same or new hardware.

Universal Restore- To ease restoration of current system to new hardware.

Ability to create a recovery tool- To enable creation of an all-in-one recovery tool on an external drive that contains everything you need to restart your system, including the required boot media and full image backups of entire system.

Parallel Restores-Multiple restore jobs can be submitted and viewed simultaneously. Upon completion of the restores, a summary will identify errors for each job.

SCHEDULE OF REQUIREMENTS

This part will include any deliverables under the service contract

REQUIREMENT	MINIMUM REQUIREMENTS/SPECIFICATIONS	TENDERER'S OFFER (Must be filled)
Brand Name	Indicate	
Model	Indicate	
Country of Origin	Specify	
Dimensions	Indicate	
Weight	Indicate	
Storage controllers	<u>Dual controllers with 8GB non-volatile memory per controller.</u>	
Network interfaces	<u>Management network: One 100BASE-TX dedicated management port per controller</u> <u>Interface ports: Four 1000BASE-T ports per controller.</u>	
Hard disk drives.	<u>24 hot-pluggable 3.5" 7.2K RPM NL-SAS drives</u>	PS6100XS 2.5" 10K RPM SAS drives PS6100XS 3.5" 10K RPM SAS drives PS6100XS 3.5" 7.2K RPM SAS drives
<u>Drive capacities</u>	<u>1TB, 2TB, 3TB, 4TB</u>	
<u>System capacity</u>	<u>12TB</u>	
<u>Self-Encrypting Drives (SED)</u>	<u>3TB, 4TB NL-SAS SEDs</u>	
<u>Host protocol</u>	<u>Any standards-compliant iSCSI initiator</u>	
<u>Operating systems and hypervisors</u>	<u>Microsoft® Windows Server® 2016 standard including Hyper-V®</u> <u>VMware® ESX Server or as per OS requirements of data backup application.</u>	
<u>RAID supported</u>	<u>RAID 5, RAID 6, RAID 10 and RAID 502; PS6100XS: RAID-6 accelerated.</u>	
<u>TCP network support</u>	<u>IPv4, IPv6 core support.</u>	
<u>Expansion option</u>	<u>Can be combined with other arrays in</u>	

	<u>the same SAN group, online. A maximum of 16 total members per group.</u>	
<u>Reliability</u>	<u>Redundant hot-swappable controllers with vertical port sharing</u> <u>Hot-swappable disks and power supplies.</u>	
<u>Enclosure monitoring system</u>	<u>Automatic spare configuration and utilization</u> <u>SMART</u> <u>Automatic bad block replacement</u> <u>Auto-Stat Disk Monitoring System (ADMS) to monitor health of data on disk drives.</u>	
<u>Management interfaces</u>	<u>SAN Headquarters multi-group performance and event monitoring tool; Serial console; Ability to configure a separate management network ; SNMP, telnet, SSH, HTTP, Web (SSL), host scripting; Multi-administrator support.</u>	
<u>Security</u>	<u>CHAP authentication; Access control for iSCSI; Access control for management interface, including Active Directory, LDAP or RADIUS support.</u>	
<u>Notification methods</u>	<u>SNMP traps, email, syslog</u>	
<u>Power</u>	<u>Power supplies: 240Vac Mains, Dual Redundant</u>	
<u>Rack support</u>	<u>ReadyRails™ II static rails for tool-less mounting in 4-post racks with square or unthreaded round holes or tooled mounting in 4-post threaded-hole racks.</u>	
<u>Software Licenses and Accessories</u>	Supply and install all necessary licenses and accessories	
<u>Warranty</u>	1 Year	

10.2.2 SERVER

REQUIREMENT	MINIMUM REQUIREMENTS/SPECIFICATIONS	TENDERER'S OFFER (Must be filled)
Brand Name	Indicate	
Model	Indicate	
Country of Origin	Specify	
Manufacturer	Indicate	
Dimensions	Indicate	
Weight	Indicate	
Processor	Intel® Xeon® Scalable processors, up to 22 cores per processor, 1No.	
Memory	16 DDR4 DIMM slots, speeds up to 2666MT/s, 32GB	
Storage controllers	Internal controllers: PERC H330, H730p, H740p, HBA330, Software RAID (SWRAID) S140 Boot Optimized Storage Subsystem: HWRAID 2 x M.2 SSDs 120GB, 240 GB External PERC (RAID): H840 External HBAs (non-RAID): 12 Gbps SAS HBA.	
Drive bays	Front drive bays: Up to 10 x 2.5" SAS/SATA (HDD/SSD) with up to 4 NVMe SSD max 48TB or up to 4 x 3.5 SAS/SATA HDD max 40TB DVD-ROM	
Hard Disk Size	5TB	
Form factor	Rack (1U)	
Power supplies	Hot plug power supplies with full redundancy	
Embedded on the Server	iDRAC9 with Lifecycle Controller iDRAC Direct iDRAC REST API with Redfish Quick Sync 2 BLE/wireless Module.	
Consoles	OpenManage Mobile OpenManage Power Center OpenManage Essentials.	
Integrations	OpenManage integrations: Microsoft® System Center,	

	VMware® vCenter™, BMC Software	
Connections	OpenManage connections: Nagios & Nagios XI, Oracle Enterprise Manager, HP Operations Manager, IBM Tivoli Netcool/OMNIbus, IBM Tivoli® Network Manager, CA Network and Systems Management.	
Security	TPM 1.2/2.0 optional Cryptographically signed firmware Hardware Root of Trust Secure Boot System Lockdown System Erase	
I/O & Ports	Network daughter cards 2 x 1GE Ports: Video, 1 x USB 2.0, dedicated iDRAC Direct USB, Video, serial, 2 x USB 3.0, dedicated iDRAC network port Riser: 1 x FH/HL	
Operating system Installed Complete with all applicable licenses	Microsoft Windows Server® 2016 standard with Hyper-V VMware® ESXi or as per requirements of Data Backup application.	
Display unit	24" Video Display Unit	
Input Devices	Standard Keyboard-UK & Mouse	
Warranty	1year	

The TENDERER'S OFFER column MUST be filled, otherwise the bid shall be considered non-responsive.

SECTION VI PRICE SCHEDULE

This part includes all deliverables under the service contract.

11. PRICE SCHEDULES

General

- i) The tenderer shall complete all schedules. Schedules shall be read in conjunction with the specification.
- ii) The total prices in the Main Summary of price schedules shall be deemed to include for the whole of the contract works in accordance with the specification.
- iii) Any prices omitted from any section or part of prices schedule shall be deemed to have been included in another section of part.
- iv) All prices shall be shown inclusive of duty and of all taxes current at the time of tendering.

Table of Price Schedules

Item Number	Item Description	Quantity	Basic Unit Price exclusive of all levies & charges	Any other levies/Taxes (Please specify)	Unit Price inclusive of all levies/ Taxes
1	Supply and installation of new server (complete with VDU, Keyboard & Mouse) as specified.	1			
2.	Size 20U ventilated cabinet complete with 2No.240Vac power distribution units (PDUs) for item No.1				
3.	3KVA online Rack mount UPS Type APC, GE or Merlin Gerin for item No.1				
4.	Supply and installation of Network Attached Storage hardware Complete with applicable licenses as specified.	1			
5.	Supply and installation of Microsoft Windows Server 2016 Standard Edition complete with applicable licenses. (or Operating system as per requirements of Data backup application)	1			
6.	Supply and installation of Kaspersky Antivirus software	1			

	complete with necessary licenses for the server.				
7.	Supply, installation and configuration of data back up and restore application complete with applicable licenses.	1			
8.	System commissioning, Data backup and restoration tests.	Lot			
9.	Manufacturer's technical documentation and user manuals for the devices	Lot			
10.	Training (both at site and at certified training center)	Lot			
11	Any other costs (Itemize)	Lot			
12.	Size 20U freestanding rack mount Server cabinet type APC (or equivalent) complete with 2No. PDUs and 2No. Cooling fans”.	Lot			
	Total Inclusive of VAT				

The price should be inclusive of all taxes.

Signature of tenderer _____ Date _____

Delivery Period _____

Note: In case of discrepancy between unit price and total, the unit price shall prevail.

SECTION VII

STANDARD FORMS

The following schedules form the Contract Schedules and must be completed in their entirety by the Tenderer at the time of tendering.

The Performance Security form is a sample and shall only be completed by the Approved Tenderer.

The Tenderer shall enter in the spaces on the Tender Form and bill of Quantity, price schedules the appropriate unit of currency to which he has tendered.

- 7.1 Form of tender
- 7.2 Contract form
- 7.3 Confidential Questionnaire form
- 7.4 Tender security form
- 7.5 Performance security form
- 7.6 Manufacturer's Authorization Form

7.1 FORM OF TENDER

Date _____ Tender No. _____

To: _____
[name and address of procuring entity]

Gentlemen and/or Ladies:

1. Having examined the tender documents including Addenda Nos. *[insert numbers]*.the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply deliver, install and commission (..... *(insert equipment description)* in conformity with the said tender documents for the sum of *(total tender amount in words and figures)* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Tender.

2. We undertake, if our Tender is accepted, to deliver install and commission the equipment in accordance with the delivery schedule specified in the Schedule of Requirements.

3. If our Tender is accepted, we will obtain the guarantee of a bank in a sum of equivalent to _____ percent of the Contract Price for the due performance of the Contract , in the form prescribed by *(Procuring entity)*.

4. We agree to abide by this Tender for a period of *[number]* days from the date fixed for tender opening of the Instructions to tenderers, 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 constitute a Contract, between us, subject to signing of the Contract by the parties.

6. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____ 20 _____

[signature]

[in the capacity of]

Duly authorized to sign tender for an on behalf of _____

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.**”

7.2 CONTRACT FORM

THIS AGREEMENT made the _____ day of _____ 20__ between
..... [name of **the Employer**] of [country of **the Employer**] (hereinafter
called "**the Employer**") of the one part and [name of **the Supplier**] of
..... [city and country of **the Supplier**] (hereinafter called "**the Supplier**") of the other
part;

WHEREAS the Employer invited tenders for] and has accepted a tender by the
tenderer for the supply of in the sum of [contract
price in words and figures] (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 referred to:
2. The following documents shall be deemed to form and be read and construed as part of this Agreement viz:
 - (a) the Tender Form and the Price Schedule submitted by the tenderer
 - (b) the Schedule of Requirements
 - (c) the Technical Specifications
 - (d) the General Conditions of Contract
 - (e) the Special Conditions of contract; and
 - (f) the Procuring entity's Notification of Award and Tenderer's Acceptance
 - (g) Applicable addenda and clarifications
3. In consideration of the payments to be made by the Procuring entity to the tenderer as hereinafter mentioned, the tenderer hereby covenants with the Procuring entity to provide the goods and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The Procuring entity hereby covenants to pay the tenderer in consideration of the provisions of the goods 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 hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed by _____ the _____ (for the Procuring entity

Signed by _____ the _____ (for the tenderer in the presence of _____

(Amend accordingly if provided by Insurance Company)

7.3 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 of your tender or termination of your contract or debarment of your firm at your cost.

Part 1 – General

Business Name:.....

.....

Certificate of Incorporation / Registration No.....

.....

Location of business premises: CountryPhysical address

.....

Town

.....Building.....

.....

Floor.....Plot No.

.....

Street / RoadPostal 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

KRA PIN No.....

Value of the largest single assignment you have undertaken to date In

(USD/KShs)

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

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 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 of2018.

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 of2018.

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 of2019.

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 of2019

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) – Experience: NOTE: THIS SECTION IS MANDATORY ONLY IF IT FORMS PART OF TECHNICAL EVALUATION. IT'S ALSO NOT NECESSARY FOR ALREADY PRE-QUALIFIED OR DIRECT PROCUREMENT FIRMS. ITS ALSO NOT APPLICABLE FOR AGPO FIRMS TENDERS.

Please list here below similar projects accomplished or companies / clients you have supplied with similar items or materials in **the years prescribed.**

	Company Name	Country	Contract/Order No.	Value	Contact person (Full Names)	E-mail address	Cell phone No.
1							
2							

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

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 thisday of2019.
Suppliers' / Company's Official Rubber Stamp.....

7.4 TENDER SECURITY FORM

(To be on the Banks Letterhead)

WHEREAS [*name of the tenderer*]
(hereinafter called “the tenderer”) has submitted its tender dated
..... [*date of submission of tender*] for
..... [*name and/or description of the equipment*]
(hereinafter called “the Tender”)

KNOW ALL PEOPLE by these presents that **WE** of
..... having our registered office at
(hereinafter called “the Bank”), are bound unto the **Kenya Electricity
Generating Company Limited** (hereinafter called “the Procuring entity”) in
the sum of for which payment well and truly to be made
to you, 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 the tenderer withdraws its Tender during the period of tender validity specified by the tenderer on the Tender Form; or
2. If the tenderer, having been notified of the acceptance of its Tender by the Procuring entity during the period of tender validity:
 - (a) fails or refuses to execute the Contract Form, if required; or
 - (b) fails or refuses to furnish the performance security in accordance with the Instructions to tenderers;

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

This tender 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 above date.

[Signature of the bank] _____

7.5 PERFORMANCE SECURITY FORM

(To be on the Banks Letterhead)

To
[name of Procuring entity]

WHEREAS [name of tenderer] (hereinafter called “the tenderer”) has undertaken , in pursuance of Contract No. _____
_____ [reference number of the contract] for dated _____ 20 ____
_____ to supply [description of goods] (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the tenderer shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Tenderer’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the tenderer a guarantee:

NOW THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the tenderer, up to a total of [amount of the guarantee in words and figure] and we undertake to pay you, upon your first written demand declaring the tenderer 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 the _____ day of _____ 20 ____

Signed and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

7.6 MANUFACTURER'S AUTHORIZATION FORM

To *[name of the Procuring entity]*

WHEREAS*[name of the manufacturer]* who are established and reputable manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]* do hereby authorize *[name and address of Agent]* to submit a tender, and subsequently negotiate and sign the Contract with you against tender No. *[reference of the Tender]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Tenders.

[signature for and on behalf of manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person authorized.