

KENYA ELECTRICITY GENERATING COMPANY PLC

KGN-GDD-058-2020

TENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING
OF CONTROL VALVE DIAGNOSIS SOFTWARE AND
ACCESSORIES FOR OLKARIA GEOTHERMAL STEAMFIELDS
(OPEN INTERNATIONAL)

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

Website: www.kengen.co.ke

MARCH, 2020

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EXECUTIVE ORDER NO. 2 OF 2018

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

- **1. THAT** effective the **1**st **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.

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 2	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 Duly filed mandatory business questionnaire with particulars of the supplier,	These Sections remain as they are in the tender document.
	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	
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	
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 Original and Copy	

SECTION I INVITATION TO TENDER

The Company invites sealed tenders from interested bidders for the **Supply, Install and Commission** of Control Valve Diagnosis Software and Accessories for Olkaria Geothermal Steamfields whose specifications are detailed in the Tender Document.

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

Supply Chain Director Tel: (254) (020) 3666000

Email: tenders@kengen.co.ke; CC. WNyangweso@kengen.co.ke

You can view and download the document from the website www.kengen.co.ke free of charge. You 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-GDD-058-2020 – Tender for Supply, Install and Commission of Control Valve Diagnosis Software and Accessories for Olkaria Geothermal Steamfields" and addressed to:

Company Secretary & Legal Affairs Director Kenya Electricity Generating Company Limited 10th Floor, Stima Plaza Phase II Kolobot Road, Parklands P O Box 47936 - 00100 NAIROBI, KENYA

On or before: 22nd April 2020 at 2.00PM

The tender will be opened on 22nd April 2020 at 2.30PM in the presence of the candidates' representatives who choose to attend at Stima Plaza I, Supply Chain Office, Ground Floor.

SUPPLY CHAIN DIRECTOR

SECTION II

INSTRUCTIONS TO TENDERERS Table of Clauses

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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.
- 2.13.4For 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

- 2.14.1The 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 in the amount of (*Specify the amount*).
- 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 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

- 2.16.1The 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, 22nd April 2020 at 2.00PM"
- 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 22nd April 2020 at 2.00PM
- 2.18.2The 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.
- 2.19.3No 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.
- 2.19.6The 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, at 22nd April 2020 at 2.30PM and in the location specified in the Invitation to Tender.
 - The tenderers' representatives who are present shall sign a register evidencing their attendance.
- 2.20.2The 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.
- 2.20.3 The Procuring entity will prepare minutes of the tender opening.

2.21 Clarification of Tenders

- 2.21.1To 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.
- 2.21.2Any 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

- 2.22.1The 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.
- 2.22.2Arithmetical 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
- 2.22.3The 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.
- 2.22.4Prior 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

- 2.24.1The Procuring entity will evaluate and compare the tenders which have been determined to be substantially responsive, pursuant to paragraph 2.22
- 2.24.2The tender evaluation committee shall evaluate the tender within 30 days of the validity period from the date of opening the tender.

2.24.3A 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**

- 2.27.1In 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.
- 2.27.2The 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.
- 2.27.3A 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
- 2.28.3Upon 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.
- 2.29.2The 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.
- 2.30.2Failure 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

- 2.31.1The 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;
- 2.31.2The 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.
- 2.31.3Further 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.

INSTRUCTIONS	PARTICULARS OF APPENDIX TO			
TO	INSTRUCTIONS TO TENDERS			
TENDERERS				
REFERENCE				
2.1.1	This Invitation for Tender is OPEN INTERNATIONAL to all			
	tenderers eligible as described in the Invitation to Tender			
2.5.1	QUESTIONS AND CLARIFICATIONS			
	The procuring entity will respond in writing to any request for any			
	clarification of the tender documents, which it receives not later			
	than Seven (7) days prior to the deadline for the submission of			
	tenders			
	Further information and/or clarification may also be obtained from			
	the Employer's representative at the following address: -			
	Supply Chain Director			
	Kenya Electricity Generating Company PLC			
	Stima Plaza, Phase III; Kolobot Road, Parklands			
	P O Box 47936 - 00100			
	NAIROBI, KENYA			
	, , , , , , , , , , , , , , , , , , , ,			
	Email; tenders@kengen.co.ke; cc: wnyangweso@kengen.co.ke			
2.10.4	Tenders shall remain valid for 120 days after the date of tender			
	opening The tender convity shall be in the amount of Venus Shillings True			
	The tender security shall be in the amount of Kenya Shillings Two			
	Hundred Thousand (200,000). Or equivalent in a freely			
2.16.2	The Tenderer shall prepare two copies of the tender clearly			
2.10.2	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.			
2.18.1	Tender Closing date 22 nd April 2020 at 2.00PM			
	Tenders Opening date: 22 nd April 2020 at 2.30PM			
2.22.2	No correction of errors. The tender sum as submitted and read-			
	out during the tender opening shall be absolute and final and shall			
	not be the subject of correction, adjustment or amendment in any			
	way by any person or entity			
	The delivery period shall be within 6 months after date of signing			
	of Contract.			

2.24.1

The following shall be the evaluation Criteria

A) Mandatory Evaluation Criteria based on Pass/Fail:

- ➤ Duly completed, signed and stamped Tender Form.
- ➤ Duly completed, signed and Stamped Price Schedules.
- > Tender validity of 120 days.
- Manufacturer's Authorization Letter to tender if bidder is not the Manufacturer.
- ➤ All items in the Schedule must be quoted to be considered responsive.
- ➤ Valid Tax Compliance Certificate issued by Kenya Revenue Authority for Local Suppliers and Revenue Authority in the country of domicile.
- > Sequential pagination/serialization of all pages in the tender document.
- ➤ Audited financial statements for the past two (2) years
- Notarized Power of Attorney for the person(s) signing the tender on behalf of the tenderer.
- Submit an "original" and one "copy of the tender" document.
- ➤ Goods supplied shall be under 12 months warranty
- Evidence of incorporation in the country of domicile i.e. Certificate of Incorporation/Registration.
- Duly completed, signed and stamped "Mandatory Confidential Business Questionnaire".
- The Tender Security in the amount of **KES 200,000** or equivalent in a freely convertible currency.
- Tender Security has to be valid for thirty days beyond the validity of the tender i.e. 150 days from the date of tender closing.

B) Technical Evaluation Criteria:-

- Compliance to technical specifications.
- ➤ Provide Catalogues, technical and descriptive literature written in English to prove that the products offered comply with the Technical Specifications.
- ➤ Software to have capacity for at least 100 control valves
- Software to be compatible with latest windows operating system
- ➤ Capable of carrying diagnostic and calibration of actuated valves made by different manufacturers, both analogue and digital
- Quote for all items in tender including installation and training
- Product support and warranty

Functions to diagnose, produce pdf reports, trend, calibrate, store data, memory

C) Financial Evaluation Criteria:-

- Check and report arithmetic errors. No correction of errors shall be made in accordance to PPADA 2015.
- ➤ Award shall be based on the total lowest evaluated price and technically compliant bidder.

KenGen PLC 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

3.11.1The 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

REFERENCE	SPECIAL CONDITIONS OF CONTRACT
OF GCC	
3.7.1	Performance security shall be at 10% of the Contract Price.
3.7.4	The supplier shall be required to expressly confirm that the goods supplied shall be under 12 month's warranty.
3.8.1	All consignments subject to Pre-Export Verification of Conformity (PVoC) to Standards Programme must obtain a Certificate of Conformity (CoC) issued by PVoC Country Offices Prior to shipment. The Certificate is a mandatory Customs Clearance document in Kenya; Consignments arriving at Kenyan Ports without this document will be denied entry into the Country.
3.10.1	Delivery Period The Goods shall be shipped within 3 months from the issuance of the Letter of Credit (LC).
3.11.1	Insurance KenGen PLC shall arrange for insurance of all imports with local underwriter against loss or damage from the point of origin to final destination.
3.12.2	 Payment shall be through Letter of Credit and under the following conditions:- Payment shall be effected upon presentation of a complete set of shipping documents to the advising bank as will be stipulated in the Letter of Credit (LC). The supplier shall be required to meet all the LC bank charges incurred in their country; while KenGen PLC will meet those incurred in Kenya. Any extension and or amendment charges and other costs that may result from the Supplier's delays, requests, mistakes or occasioned howsoever by the Supplier shall be to the Supplier's account. The number of LC extensions shall be limited to a maximum of two (2) only, but not exceeding one quarter (3 months) each, at the cost of the Supplier.

	 Should the Supplier require a confirmed LC, then all confirmation and any other related charges levied by both the Supplier's and KenGen's bank shall be to the Supplier's account. The LC shall be opened only for the specific order within the validity period of the contract. The Supplier shall be required to submit a proforma Invoice for use in the placement of order and opening of the LC. The Proforma Invoice shall be on the total Cost and Freight (CFR) basis showing the freight charges separately from the Free on Board (FOB) cost. KenGen will meet the Freight Insurance Cost. A copy of the performance security, stamped and certified as authentic by KenGen, whose expiry date shall not be less than 30 days from the LC expiry date, shall form part of the documents to be presented to the bank before any payment is made. Advance Payment Advance payment is not applicable. Prices Prices shall be fixed during the Supplier's performance of the Contract and not subject to variation on any account.
	,
3.18.2	Arbitration where necessary shall be by the Chartered Institute of Arbitrators Kenya Chapter or other International body.
3.20	a) "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.
	b) Local Taxation
	i. 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.
	ii. The Contract Price shall include all applicable
	taxes and shall not be adjusted for any of these taxes.

- ii. Tax exemption granted under this Contract shall be for an official aid funded project and shall be as provided under the applicable tax laws in Kenya.
- v. 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. This shall include applicable local or foreign withholding tax, excise duty, Value Added Tax (VAT), importation duties, Local government taxes, and any other taxes not mentioned herein.
- v. 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 (i).

c) Tax Deduction

- i. 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.
- ii. Where payments for the Contract Price are made directly by the financiers to the Contractor, the Contractor and the financiers shall make the necessary arrangements with Employer to ensure that withholding income tax is remitted to the Kenya Revenue Authority.

d) Tax Indemnity

i. The Contractor shall indemnify and hold the Employer harmless from and against any and

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

SECTION V

TECHNICAL SPECIFICATIONS

5.1 Introduction

KenGen has installed several pneumatically actuated control valves in its geothermal Steamfields for control of steam and water pressures and flows. The control valves are from different manufacturers, including Emerson (Fisher), Metso and Masoneilan. The employer wishes to procure a valve diagnosis software that can perform calibration and diagnostic tests on all these makes of control valves.

The Control Valve Diagnostic Software should allow maintenance and operations personnel to monitor the health and performance of control valves when the valves are online to improve reliability by spotting problems before they affect the process. This software should also be used in configuration, calibration and diagnostics of fieldvue instrumentation. It should allow monitoring of control valves when the valves are online without disturbing the process and therefore identify which control valves require maintenance during turnarounds.

5.2 Requirements

No.	Item Description	Quantity
1.	Control Valve Diagnosis Software with a capacity for 100 tags	1
2.	Compatible Laptops for installing and operating the Control Valve Diagnosis Software	4
3.	Printed Circuit Board (PCB) for digital valve controller DVC6205 (to be supplied as per sample)	10
4.	USB Hart Modem	4
5.	Commissioning and user training for 15 technicians	1

5.3 Specifications for the Control Valve Diagnosis Software

- 1. The control valve diagnostic software should have capacity for at least 100 tags (100 different control valves)
- 2. The control valve diagnostic software should communicate with HART DVCs and should permit the user to perform Configuration, Calibration, and Diagnostics on HART and FOUNDATION Fieldbus digital valve controllers through a HART Modem.
- **3.** Provide validation of assembly rebuild and detailed insight into the physical condition of the valve/actuator assembly.
- **4.** Have the ability to preconfigure calibration and diagnostics in the workshop with Batch Runner.
- **5.** Concurrent Batch Runner to run Signature test, Step-Response test, or Auto calibration on multiple valves at the same time.
- **6.** Merge Database feature to provide ability to automate multiple Control Valve Diagnosis Software databases and tags into single or multiple stations.
- 7. Tests air operated control valves from different manufactures
- 8. The software should have capacity to diagnose both Analogue and Digital control valves

- 9. The software should have capacity to perform Pass / Fail performance standards
- **10.** The software should have capacity to generate detailed multi-page PDF reports
- 11. The hardware and accessories should be Field Portable, Battery Powered
- **12.** Capable to quickly check system health, valve stroke life, and other key valve performance indicators all while the process is running.
- **13.** Easily execute standardized tests such as Ramp, Step, and Valve Signatures providing insight into potential leaks and dynamic performance by quantifying friction, actuator spring settings, and valve seating profile.
- **14.** Compatible to latest windows operating system; intel Pentium, 4GB memory, 50gb hard drive;
- **15.** Network compatibility: HART Mux (MTL, P&F); HART, Wireless HART; FOUNDATION Fieldbus H1, HSE; Emerson MS OPC; (HART & FF); FDT 1.2 compliant

5.4 Specifications for Hardware

Computer and processor:

- 1. 1 gigahertz (GHz) processor Memory
- 2. 512 megabytes (MB) RAM (Windows XP)
- 3. 1 gigabyte (GB) RAM (All other Operating Systems)
- 4. Hard disk: No Trending 65 MB available storage space, Trending 125 MB available storage space
- 5. Drive: CD-ROM Drive
- 6. Display: 1024 X 768 resolution
- 7. I/O (Control Valve Diagnosis Software): USB Port required for instrument level step-ups

HART communications should have at least one of the following interfaces:

- 1. HART Modem Standard RS-232 Port.
- 2. HART Multiplexer Standard RS-232 Port.
- 3. MACTek VIATOR USB HART Modem USB Port.
- 4. MACTek VIATOR Bluetooth HART Interface.
- 5. Windows Bluetooth Serial Port Profile (SPP).

Supported Languages - Control Valve Diagnosis Software in English Operating System - Windows 7 Professional SP1 (32 and 64 bit)Internet Explorer 6.0 or later Microsoft Windows Installer 3.1 or 3.5; required by Microsoft.NET Framework)

5.5 Specifications for USB HART Modem

- 1. Easy to install Virtual Serial Port for any Windows application
- 2. Compact size 3.0" x 2.0" x 0.8" (70mm x 51mm x 20mm)
- 3. Certified to meet HART Physical Layer Spec HCF_SPEC-54
- 4. HART Foundation Registered
- 5. CE Certified, CE Declaration
- 6. RoHS (lead free), RoHS Declaration
- 7. 1500 Vdc Opto Isolation between HART and USB circuits
- 8. USB 1.1 and 2.0 compatible
- 9. Integral standard USB type A connector
- 10. Integral heavy duty HART Minigrabber connectors
- 11. Self powered, no external power supply or batteries needed
- 12. 48" (1.2m) cable length

- 13. Rugged ABS plastic enclosure with rubber boot
- 14. HART Modem Test Program to be included
- 15. Guaranteed to work with Windows 7 through 10

5.6 Training

- 1. To cover Software installation and update, field application, trouble shooting, report generation.
- 2. Trainees to be issued with certificates traceable to the OEM.
- 3. Trainees to be hold a minimum of Diploma in Engineering.
- 4. Number 15, employer to provide venue and meals, trainer to provide training material and its staff cost

5.1 PARTICULARS

[Text of Technical Specifications to be inserted in the tender documents by the Procuring entity, as applicable]

SECTION VI

SCHEDULE OF REQUIREMENTS

No.	Item Description	Unit	Qty
1.	Control Valve Diagnosis Software with capacity of at	set	1
	least 100 tags.		
2.	Compatible Laptops for installing and operating the	pc	4
	Control Valve Diagnosis Software		
3.	Printed Circuit Board (PCB) for digital valve controller	рс	10
	DVC6205 (to be supplied as per sample)		
4.	USB HART Modem	pc	4
5.	Commissioning and site training of KenGen staff (15)	set	1

SECTION VII

PRICE SCHEDULE FOR GOODS

No	Item description	Unit	Quantity	Unit Price	Total	
1.	Control Valve Diagnosis Software with capacity of 100 tags complete with manual.	set	1			
2.	Compatible Laptops for installing and operating the Control Valve Diagnosis Software	pc	4			
3.	Printed Circuit Board (PCB) for digital valve controller DVC6205 (to be supplied as per sample)	pc	10			
4.	USB HART Modem	pc	4			
5.	Commissioning and site training of KenGen staff (15)	set	1			
Tota	Total Cost (FOB)					
Discount (%) if any						
Sea l	Sea Freight Charges to Mombasa					
Othe	Other Charges (if any)					
Tota	Total Cost & Freight (CFR) MOMBASA					
Cour	Country of origin					
Curr	Currency of Tender					
Deli	Delivery Period (in months)					

Signature of tenderer

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

SECTION VIII STANDARD FORMS

8.1 **FORM OF TENDER**

		Date
То:		Tender No
[name and ad	ldress of procuring entity]	
Gentlemen and/or Lac	dies:	
Nosundersigned, offer to equipment descript	supply deliver, install and of ion) in conformity w	ts including Addenda bers].the receipt of which is hereby duly acknowledged, we, the commission (
		ccepted, to deliver install and commission the equipment in in the Schedule of Requirements.
perce		ain the guarantee of a bank in a sum of equivalent to or the due performance of the Contract, in the form prescribed ntity).
	ctions to tenderers, and it s	a period of [number] days from the date fixed for tender shall remain binding upon us and may be accepted at any time
		itten acceptance thereof and your notification of award, shall ing of the Contract by the parties.
6. We unders	stand that you are not bound	d to accept the lowest or any tender you may receive.
Dated this	day of	20
[signature]		[in the capacity of]
Duly authorized to sig	gn tender for an on behalf o	f
Note: In accordance v	with Clause 82 of the Publi	ic 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.

8.2 CONFIDENTIAL BUSINESS QUESTIONNAIRE FORM

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

Part 1 – General:			
Business Name Location of business premises			
Plot No			
Postal Address	Tel No	Fax	E mail
Nature of Business			
Registration Certificate No			
Maximum value of business which y			
Name of your bankers		Branch	

	Part 2 (a) – Sole		
		Age	
•		rigin	
•	Citizenship details		
			• • • • • • • • • • • • • • • • • • • •
	•••••		
•	Part 2 (b) Partners	hin	
Given details of partners a		шр	
Name	Nationality	Citizenship Details	Shares
	•	Chizenship Betans	
-			
2			
	Part 2 (c) – Reg	istered Company	
Private or Public	-		
State the nominal and issu	ed capital of company-		
Issued Kshs			
Given details of all director	ors as follows		
Name	Nationality	Citizenship Details	Share
1			
2			
3			
4			

• If a Kenya Citizen, indicate under "Citizenship Details" whether by Birth, Naturalization or registration.

8.3 TENDER SECURITY FORM

(To be on the Banks Letterhead)

WHEREAS	[name of the tenderer]
(hereinafter of submission	called "the tenderer") has submitted its tender dated [date of tender] for
description	of the equipment] (hereinafter called "the Tender")
(hereinafter of Company Li	L PEOPLE by these presents that WE
Sealed with t	he Common Seal of the said Bank thisday of20
THE COND	OITIONS of this obligation are:-
specifi 2. the Pro (a) the (b)	If the tenderer withdraws its Tender during the period of tender validity ed by the tenderer on the Tender Form; or If the tenderer, having been notified of the acceptance of its Tender by ocuring entity during the period of tender validity: fails or refuses to execute the Contract Form, if required; or fails or refuses to furnish the performance security in accordance with the Instructions to tenderers;
first written provided that is due to it, o	te to pay the Procuring entity up to the above amount upon receipt of its demand, without the Procuring entity having to substantiate its demand, in its demand the Procuring entity will note that the amount claimed by its wing to the occurrence of one or both of the two conditions, specifying the dition or conditions.
the period of	guarantee will remain in force up to and including thirty (30) days after tender validity, and any demand in respect thereof should reach the Bank the above date.
[Signa	ature of the bank]
(Amen	d accordingly if provided by Insurance Company)

8.4 CONTRACT FORM

[<i>name</i> of the	AGREEMENT made the day of 20 between			
the Su	upplier] (hereinafter called "the Supplier") of the other part;			
for the	REAS the Employer invited tenders for			
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) (b)	the Tender Form and the Price Schedule submitted by the tenderer the Schedule of Requirements			
(c) (d)	the Technical Specifications the General Conditions of Contract			
(e) (f) (g)	the Special Conditions of contract; and the Procuring entity's Notification of Award and Tenderer's Acceptance 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.			
	ITNESS whereof the parties hereto have caused this Agreement to be executed in accordance heir respective laws the day and year first above written.			
Signed	d by the (for the Procuring entity			
Signed	d by the (for the tenderer in the presence of			
(Amen	– ad accordingly if provided by Insurance Company)			

8.5 **PERFORMANCE SECURITY FORM**

(To be on the Banks Letterhead)

To
WHEREAS
"the Contract"). [description of goods] (hereinafter called
AND WHEREAS it has been stipulated by you in the said Contract that the tendered 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
This guarantee is valid until the day of 20
Signed and seal of the Guarantors
[name of bank or financial institution]
[address]
[date]

8.6 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
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.