

KENYA CIVIL AVIATION AUTHORITY



TENDER NO. KCAA/026/2019-2020

TENDER DOCUMENT

FOR

**SUPPLY, INSTALLATION AND COMMISSIONING
OF VHF RADIOS IN VARIOUS STATIONS**

DATE OF NOTICE: TUESDAY, 28/01/2020

**CLOSING DATE: WEDNESDAY, 12TH FEBRUARY, 2020 AT
11:00 AM.**

BIDDERS TO NOTE:-

**ALL BIDDERS MUST NOTE THAT KCAA COMMUNICATES ONLY IN
WRITING TO ALL INTERESTED BIDDERS DURING THE ENTIRE
TENDERING PROCESS.**

TABLE OF CONTENTS

Contents

Introduction.....	3
SECTION I – INVITATION TO TENDER.....	4
SECTION II – INSTRUCTIONS TO TENDERERS.....	5
SECTION II - INSTRUCTIONS TO TENDERERS.....	6
Appendix to instructions to tenderers	19
SECTION III - GENERAL CONDITIONS OF CONTRACT	21
SECTION IV - SPECIAL CONDITIONS OF CONTRACT	27
SECTION V – SCHEDULE OF REQUIREMENTS.....	28
SECTION VI – TECHNICAL SPECIFICATIONS	29
SECTION VII - STANDARD FORMS.....	37

Introduction

Kenya Civil Aviation Authority herein referred to as KCAA wishes to invite bids for the **supply, Installation and Commissioning of VHF Radios in various stations.**

SECTION I – INVITATION TO TENDER

DATE OF NOTICE: 28/01/2020

TENDER REF NO.KCAA/026/2019-2020

TENDER NAME: TENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING OF VHF RADIOS IN VARIOUS STATIONS.

1.1 The Kenya Civil Aviation Authority now invites bids from eligible firms for the **Supply, Installation and Commissioning of VHF Radios in various stations.**

1.2 Interested eligible candidates may obtain further information from and inspect the tender documents at KCAA Procurement Office on ground floor, Aviation House Building, Jomo Kenyatta International Airport during normal office working hours (8.00am-1.00pm, 2.00pm – 5.00pm). Bidders may also view and download the bidding document from KCAA website: www.kcaa.or.ke or www.tenders.go.ke and immediately forward their particulars for records and for the purposes of receiving any further tender clarifications and/or addendums to procurement@kcaa.or.ke.

1.3 A complete set of tender documents may be obtained by interested candidates upon payment of a non-refundable fee of One thousand Kenya shillings (Ksh 1,000.00) in cash or bankers cheque payable to Director General, Kenya Civil Aviation Authority. Bidders who download the tender document will not be required to pay.

1.4 Prices quoted should be net inclusive of all taxes and delivery costs, must be expressed in Kenya shillings or one major easily convertible foreign currency and shall remain valid for a period of 120 days from the Closing date of the tender.

1.6 Completed tender documents are to be enclosed in plain sealed envelopes marked with tender reference number and be deposited in the Tender Box at **Ground floor, Aviation House, Jomo Kenyatta International Airport** or be addressed to:

**The Director General,
Kenya Civil Aviation Authority,
P.O Box 30163-00100, Nairobi**

so as to be received on or before **Wednesday, 12th February, 2020 at 1100 hours.**

1.7 Tenders will be opened immediately thereafter in the presence of the Candidates or their representatives who choose to attend at **KCAA Auditorium on Ground Floor, Aviation House, JKIA, Nairobi.**

**MANAGER PROCUREMENT
For: DIRECTOR GENERAL**

SECTION II – INSTRUCTIONS TO TENDERERS

TABLE OF CONTENTS

Page

Contents

2.1 Eligible Tenderers	6
2.13. Goods Eligibility and Conformity to Tender Document.....	10
2.14 Tender Security	10
2.15 Validity of Tenders.....	11
2.16 Format and Signing of Tender	11
2.17 Sealing and Marking of Tenders.....	12
2.18 Deadline for Submission of Tenders	12
2.19 Modification and Withdrawal of Tenders.....	12
2.20 Opening of Tenders.....	13
2.21 Clarification of Tenders	13
2.22 Preliminary Examination and Responsiveness.....	14
2.23 Conversion to Single Currency	14
2.24 Evaluation and Comparison of Tenders.....	14
2.25 Contacting the Procuring Entity.....	16
2.26 Award of Contract.....	16
2.27 Notification of Award.....	17
2.28 Signing of Contract.....	17
2.29 Performance Security	18
2.30 Corrupt or Fraudulent Practices.....	18

SECTION II - INSTRUCTIONS TO TENDERERS

2.1 Eligible Tenderers

- 2.1.1 This Invitation for Tenders is open to all tenderers eligible as described in the Appendix to Instructions to Tenderers. Successful tenderers shall complete the supply, installation, training and commissioning of the equipment by the intended completion date specified in the tender documents.
- 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 unless where specially allowed under section 131 of the Act.
- 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 involved in corrupt or fraudulent practices or debarred from participating in public procurement shall not be eligible.

2.2 Eligible Equipment

- 2.2.1 All equipment to be supplied and installed 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 equipment(s) are 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 equipment is distinct from the nationality of the tenderer and shall be treated thus in the evaluation of the tender.

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 shall not exceed Ksh.1000.00
- 2.3.3 The procuring entity shall allow the tenderer to review the tender document free of charge before purchase.

2.4. Contents of 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) Bank Guarantee for Advance Payment Form
- (xii) Manufacturer's Authorization Form
- (xiii) Confidential Business Questionnaire Form
- (xiv) Declaration form
- (xv) Request for Review Form

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 Tender Documents

2.5.1 A prospective tenderer making inquiries of the tender documents may notify the Procuring entity in writing or by post at the entity's address indicated in the invitation for tenders. 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 Tender Documents

2.6.1 At any time prior to the deadline for submission of tender, 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 issuing an addendum.

2.6.2 All prospective tenderers that have obtained the tender documents will be notified of the amendment in writing or by post 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 the 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 2.12 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 2.13 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
- (e) Confidential Business Questionnaire

2.9 Tender Form

2.9.1 The tenderer shall complete the Form of Tender and the appropriate Price Schedule furnished in the tender documents, indicating the equipment to be supplied, installed and commissioned and a brief description of the equipment, 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 where applicable and total tender price of the equipment and installation it proposes to supply under the contract.

2.10.2 Prices indicated on the Price Schedule shall be entered separately in the following manner:

- (i) the price of the equipment quoted EXW (ex-works, ex-factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable:
- (ii) charges for inland transportation, insurance, and other local costs incidental to delivery of the goods to their final destination; and
- (iii) installation charges shall also be indicated separately for each equipment

2.10.3 Prices quoted by the tender shall remain fixed during the Tender's performance of the contract. A tender submitted with an adjustable price quotation will be treated as non-responsive and will be rejected, pursuant to paragraph 2.22 unless otherwise agreed by the parties.

2.11 Tender Currencies

2.11.1 Prices shall be quoted in the following currencies:

- (a) For equipment that the tenderer will supply from within Kenya, the prices shall be quoted in Kenya Shillings; and
- (b) For equipment that the tenderer will supply from outside Kenya, the prices may be quoted in US Dollars or in another freely convertible currency.
- (c) Cost of installation, training and commissioning will be in Kenya Shillings.

2.12 Tenderers Eligibility and Qualifications

2.12.1 Pursuant to paragraph 2.2 the tenderers 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.

2.12.1 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 2.2

2.12.2 The documentary evidence of the tenderers qualifications to perform the contract if its tender is accepted shall establish to the Procuring entity's satisfaction;

- (a) that, in the case of a tenderer offering to supply equipment under the contract which the tenderer did not manufacture or otherwise produce, the tenderer has been duly authorized by the Equipment Manufacturer or producer to supply the equipment
- (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 Document

- 2.13.1 Pursuant 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 equipment which the tenderer proposes to supply under the contract
- 2.13.2 The documentary evidence of the eligibility of the goods shall consist of 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 equipment 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 equipment
 - 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 equipment for a period of two (2) years, following commencement of the use of the equipment by the Procuring entity; 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 commentary 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 and form specified in the Appendix to Instructions to Tenderers.
- 2.14.2 The tender security shall be in the amount not exceeding 2 percent of the tender price.
- 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

- a) Cash
- b) A bank guarantee
- c) Such insurance guarantee approved by the Authority
- d) Letter of credit.

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 2.27.1 or
 - ii) to furnish performance security in accordance with paragraph 2.28
- c) If the tenderer rejects correction of an arithmetic error in the tender.

2.15 Validity of Tenders

2.15.1 Tenderers shall remain valid for 60 days or as specified in the tender documents after date of tender opening prescribed by the Procuring entity, pursuant to paragraph 2.20. A tender valid for a shorter period shall be rejected by the Procuring entity as non-responsive.

2.14.9 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 Procuring entity 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. 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 on the Invitation to Tender.

(b) bear the tender number and name in the Invitation to Tender and the words "DO NOT OPEN BEFORE **Wednesday, 12th February, 2020 at 1100 hours.**"

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 not later than **Wednesday, 12th February, 2020 at 1100 hours.**

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

2.18.3 Bulky tenders which will not fit in the tender box shall be received by the procuring entity as provided for in the Appendix.

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

2.20 Opening of Tenders

2.20 The Procuring entity will open all tenders in the presence of tenderers' representatives who choose to attend, at **1100 hours on Wednesday, 12th February, 2020** and in the following location.

KCAA Auditorium, on Ground floor, Aviation House, JKIA Nairobi

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

2.20.1 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.

2.20.2 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 and Responsiveness

- 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 quantity, 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 may be 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 effect 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 those 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 Procuring entity's evaluation of a tender will exclude and not take into account
- (a) in the case of equipment manufactured in Kenya or equipment of foreign origin already located in Kenya, sales and other similar taxes, which will be payable on the goods if a contract is awarded to the tenderer; and
 - (b) any allowance for price adjustment during the period of execution of the contract, if provided in the tender.

2.24.3 The comparison shall be of the ex-factory/ex-warehouse/off-the-shelf price of the goods offered from within Kenya, such price to include all costs, as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods.

2.24.4 The Procuring entity's evaluation of a tender will take into account, in addition to the tender price and the price of incidental services, the following factors, in the manner and to the extent indicated in paragraph 2.23.5 and in the technical specifications:

- (a) delivery and installation schedule offered in the tender;
- (b) deviations in payment schedule from the specifications in the Special Conditions of Contract;
- (c) the cost of components, mandatory spare parts and service;
- (d) the availability in Kenya of spare parts and after-sales service for the equipment offered in the tender;

2.24.5 Pursuant to paragraph 2.24.4 the following evaluation methods will be applied

(a) Delivery schedule

- (i) The Procuring entity requires that the equipment under the Invitation for Tenders shall be delivered at the time specified in the Schedule of Requirements. Tenders offering deliveries longer than the procuring entity's required delivery time will be treated as non-responsive and rejected.

(b) Deviation in payment schedule

Tenderers shall state their tender price for the payment of schedule outlined in the special conditions of contract. Tenders will be evaluated on the basis of this base price. Tenderers are, however, permitted to state an alternative payment schedule and indicate the reduction in tender price they wish to offer for such alternative payment schedule. The Procuring entity may consider the alternative payment schedule offered by the selected tenderer.

(c) Spare parts and after sales service facilities

Tenderers must offer items with service and spare parts back-up. Documentary evidence and locations of such back-up must be given. Where a tenderer offers items without such back-up in the country, he must give a documentary evidence and assurance that he will establish adequate back-up for items supplied.

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

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

2.25 Contacting the Procuring Entity

2.25.1 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.

2.25.2 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.

2.26 Award of Contract

(a) Post-Qualification

2.26.1 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.

2.26.2 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.

2.26.3 An affirmative 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

2.26.4 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.

2.26.5 To qualify for contract awards, the tenderer shall have the following:

- a) Necessary qualifications, capability experience, services, equipment and facilities to provide what is being procured.
- b) Legal capacity to enter into a contract for procurement
- c) Shall not be insolvent, in receivership, bankrupt or in the process of being wound up and is not the subject of legal proceedings relating to the foregoing.
- d) Shall not be debarred from participating in public procurement.

(c) Procuring Entity's Right to accept or Reject any or All Tenders

2.26.6 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 tenderer of the grounds for the procuring entity's action

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

2.26.8 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.

2.26.9 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.

2.27 Notification of Award

2.27.1 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.

2.27.2 The notification of award will signify the formation of the Contract but will have to wait until the contract is finally signed by both parties. Simultaneous other tenderers shall be notified that their tenders have not been successful.

2.27.3 Upon the successful Tenderer's furnishing of the performance security pursuant to paragraph 2.29, the Procuring entity will simultaneously inform the other tenderers that their tenders have not been successful

2.28 Signing of Contract

2.27.4 At the same time as the Procuring entity notifies the successful tenderer that its tender has been accepted, the procuring entity will simultaneously inform the other tenderers that their tenders have not been successful.

2.27.5 Within fourteen (14) days of receipt of the Contract Form, the successful tenderer shall sign and date the contract and return it to the Procuring entity.

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

2.29 Performance Security

2.29.1 Within Thirty (30) 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.

2.29.2 Failure of the successful tenderer to comply with the requirements of paragraph 2.28 or paragraph 2.29 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.

2.30 Corrupt or Fraudulent Practices

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

2.30.2 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.

2.30.3 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 for procurement of the goods shall complement or amend the provisions of the instructions to tenderers. Wherever there is a conflict between the provisions of the instructions to tenderers and the provisions of the appendix, the provisions of the appendix herein shall prevail over those of the instructions to tenderers:

Instructions to tenderers	Particulars of appendix to instructions to tenderers
2.1	The eligible vendor shall supply, Installation and Commissioning of VHF Radios in various stations.
2.3.2	The price to be charged for the tender document shall be KES 1,000 and free for downloading from the website.
2.5	Any request for clarification of the tender documents, MUST be received not later than seven (7) days prior to the deadline for the submission of tenders to enable the Authority consider and respond in good time.
2.10	Tender Prices to be given in Kenya Shillings or any other freely convertible foreign currency and should include all taxes (DDP 2010).
2.12	Tenderers Eligibility and Qualifications: A bidder shall be a duly registered experienced firm or a joint venture of duly registered experienced firms with an existing agreement or with the intent to enter into such an agreement supported by a letter of intent.
2.14	Bidders shall provide a tender security of KES.500,000/- or equivalent in easily convertible foreign currency based on Central Bank of Kenya prevailing rate during the day of tender opening in form of a banker's cheque, bank guarantee or Insurance Guarantee from a reputable insurance company recognized by PPRA. The tender security should be valid for 120 days from the date of tender opening.
2.15	Validity of Tenders: Tender shall remain valid for a period of 120 days from the date of the tender opening.
2.17	The bidder shall provide two hard copies comprising of: 1 original document in paper format , 1 copy (hard) – all paginated.
2.18	Deadline for Submission of Tenders Closing Date: Wednesday, 12/02/2020 at 1100 hours.
2.18.3	Bulky bidding documents which will not fit in the tender box shall be received and recorded at the Manager Procurement Office, on ground floor, Aviation House, at JKIA Nairobi.
2.20	The bidding documents will be opened in public immediately after the time of closing the tender.
2.22	Evaluation of the tenders shall be done using the criteria set out in the tender document.

2.24	Due diligence: KCAA shall perform a due diligence during Tender evaluation process which may include but not limited to: Interviewing technical staff Verification of company premises Visiting referees sites Verification of performance at refereed sites
2.27	The successful bidder shall provide a performance security of 10% of the Contract value.

SECTION III - GENERAL CONDITIONS OF CONTRACT

Table of Contents

	page
SECTION III - GENERAL CONDITIONS OF CONTRACT	21
3.1 Definitions	22
3.2 Application	22
3.3 Country of Origin	22
3.4 Standards.....	22
3.5 Use of Contract Documents and Information.....	22
3.6 Patent Rights	23
3.7 Performance Security	23
3.8 Inspection and Tests.....	23
3.9 Packing.....	24
3.10 Delivery and Documents.....	24
3.11 Insurance	24
3.12 3.12 Payment	24
3.13 Prices	24
3.14 Assignment.....	24
3.15. Subcontracts.....	25
3.16. Termination for Default	25
3.17. Termination for convenience	25
3.18. Liquidated Damages.....	25
3.19. Resolution of Disputes	25
3.20. Language and Law	25
3.21. Force Majeure	26
3.22 Notices.....	26

SECTION III - GENERAL CONDITIONS OF CONTRACT

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, training and commissioning of equipment to the extent that they are not superseded by provisions of other part of contract.

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.

3.3.1 The origin of Goods and Services is distinct from the nationality of the tenderer and will be treated thus in the evaluation of the tender.

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 Candidate 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 twenty eight (28) days of receipt of the notification of Contract award, the successful tenderer shall furnish to the Procuring entity the performance security where applicable 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) Cash
- b) Bank guarantee
- c) Such insurance guarantee approved by the Authority
- d) Letter of credit

3.7.4 The performance security will be discharged by the Procuring entity and returned to the Candidate not late 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 equipment 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. 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 equipment 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 equipment after the equipment arrival and installation 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 and packaging of the equipment 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 equipment, documents and installation of the same 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 equipment 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

3.12 Prices

3.12.3 Prices charged by the tenderer for equipment delivered and installation 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.

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

3.12.5 Where contract price variation is allowed, the variation shall not exceed 10% of the original contract price.

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

3.13 Assignment

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 equipment 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 equipment.

3.17. Termination for convenience

3.18. Liquidated Damages

3.18.1 If the tenderer fails to deliver and/or install any or all of the items 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.

3.19. Resolution of Disputes

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

3.19.2 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 that the dispute be referred for resolution to the formal mechanisms specified in the SCC.

3.20. Language and Law

3.20.1 The language of the contract and the law governing the contract shall be English language and the Laws of Kenya respectively unless otherwise specified in the SCC

3.21. Force Majeure

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

3.22 Notices

3.22.1 Any notice given by one party to the other pursuant to this contract shall be sent to other party by post or by fax or Email and confirmed in writing to the other party's address specified.

3.22.2 A notice shall be effective when delivered or on the notices effective date, whichever is later.

SECTION IV - SPECIAL CONDITIONS OF CONTRACT

- 4.1 Special conditions of contract shall supplement the general conditions of contract, wherever there is a conflict between the GCC and the SCC, the provisions of the SCC herein shall prevail over those in the GCC.
- 4.2 Special conditions of contract with reference to the general conditions of contract.

General conditions of contract reference	Special conditions of contract
3.6	The eligible vendor shall supply, Installation and Commissioning of VHF Radios in various stations.
3.7	Successful bidder to provide a performance security 10% of the Contract price
3.12	Payment will be made within 30 days upon receipt of invoices as will be agreed in the contract.
3.13	Price adjustments not allowed
3.20	As per the laws of Kenya

SECTION V – SCHEDULE OF REQUIREMENTS

Scope of Supply: Deliverables

No	Description	Unit	Qty
1.	Jomo Kenyatta International Airport	NO	1
2.	Moi International Airport	NO	1
3.	Eldoret International Airport	NO	2
4.	Wilson Airport	No	1
5.	Kisumu International Airport	No	1
6.	Malindi Airport	No	1
7.	Lokichoggio Airport	No	1
8.	Diani Airport	No	1
9.	Ngong station	No	1
10.	Wajir Airport	No	1
11	Mua Hills station	No	1

SECTION VI –

TECHNICAL SPECIFICATIONS FOR EMERGENCY VHF EQUIPMENT

1. SCOPE OF SUPPLY

The scope of supply and installation shall include the provision of one complete VHF dual communication systems frequency 121.5 MHz at each of the following locations:

- (i) Jomo Kenyatta International Airport (JKIA)
- (ii) Moi International Airport, Mombasa
- (iii) Eldoret International Airport, Eldoret
- (iv) Kisumu International Airport, Kisumu
- (v) Malindi Airport, Malindi
- (vi) Wilson Airport, Nairobi
- (vii) Wajir Airport, Wajir
- (viii) Lokichoggio Airport, Lokichoggio
- (ix) Diani Airport

It will also include the supply of one complete VHF dual communication system frequency 128.7 MHz at the following location:

- (i) Eldoret International Airport.
- (ii) Ngong VHF Station
- (iii) Mua Hills

2. FUNCTIONAL REQUIREMENTS

General Requirements

- The equipment shall be compact, fully solid state, highly reliable and use state of art technology.
- The design and selection of equipment shall be consistent with the requirements of long-term trouble free operation with highest degree of reliability and maintainability.
- The system shall be VDL Mode 2 compliant to allow for Data link implementation and Digital multimode equipment will be preferred.
- The system shall be designed for continuous operation (24 hours a day and 365 days a year).
- The design life of the equipment shall be a minimum of 10 years. This life shall be achievable through normal and regular maintenance and without major dismantling or overhauling.
- All types of spares and spare modules shall be made available during life time of the equipment for maintenance, repair and operation of the equipment.
- Safety and protection of personnel during normal operation and maintenance or during malfunctioning of any equipment shall be provided as an integrated feature of design, manufacture and installation.

- Adequate protection shall be included for ensuring safety of personnel from any possible hazards, including EMI radiation, high voltages etc. The Tenderer shall furnish the details of EMI and Safety Standards met by his equipment and safety features built in.
- The equipment shall be constructed on a modular basis throughout, using plug-in type components to the maximum practical extent.
- Parts subject to failure, wear, corrosion or other deteriorations or requiring occasional inspection, adjustment or replacement shall be made accessible and capable of easy removal. Preferably, all plug in units and modules shall fit on slide rails and shall be removable from front of cabinet.
- Connectors shall be secured to prevent insertions of units in the wrong way or into a wrong slot.
- Input/output termination cables shall be properly labelled to readily permit identification of the incoming/outgoing wiring. All interconnecting cables shall also be appropriately labelled to facilitate convenient interconnection and minimize chances of incorrect connection.
- All interconnecting cables required to connect the equipment shall be supplied. All cables shall be fully assembled, connector pre-terminated and factory tested as part of overall system check.
- Filters and switching units for main/standby will be provided where required to eliminate interference for collocated equipment and enable local and remote switching.
- For the VHF Area Cover equipment, the equipment will be connected to an existing remote control unit at JKIA using existing VSAT links.

3. Mains Power Supply

- All equipment shall operate with an uninterrupted AC power varying from 230 Volts ($\pm 10\%$) single phase 50 Hz $\pm 5\%$.
- A duplicate power supply shall be offered which will interface with AC power of 230 Volts ($\pm 10\%$) single phase 50 Hz $\pm 5\%$.
- Each unit of the duplicate power supply shall feed complete system as a redundancy to each other.
- The dc power supply shall be operated with the 24 or 48 Vdc float charged battery system (dc power).
- The dc power system shall be provided by the tenderer with the capacity of at least 4 hours for both the transmitter and receiver.
- In the event of both ac power failure, all the systems shall automatically switch over to a dc power supply without any interruption to the operation of the systems.
- Reliable over voltage and over current protection circuits shall be provided in the power supply units.
- The power supply units shall be self-protecting, and protect connected equipment against interference, noise, voltage dips, surges and impulses.
- Mains power supplies used shall be rugged enough to withstand above stated variation in mains voltage and frequency over a long period of

time so that the failures in the equipment due to power supply are minimized.

- The equipment shall allow for the storage of frequencies and operational programs in non-volatile memory, so that, in the event of a power failure and/or complete discharge of the batteries, the entire operational re-establishment of the station shall take place immediately and automatically once power is restored, as some stations are unmanned and in remote places.

4. Reliability

- The equipment design shall employ the most suitable engineering techniques, materials and components and rigorous inspection during manufacturing to ensure a very high MTBF of equipment. The estimated MTBF figures shall be indicated and supported by calculation, which shall be enclosed.
- Technical specifications for the provision of VHF Transmitters & Receivers equipment for use shall comply with ICAO Specifications Annex 10 Vol. III.
- New, unused and most current models incorporating all recent improvements in design and materials will be quoted for and proof of design and manufacture dates will be provided.

5. Detailed Technical Specifications

No.	Item	Specification
A.	General	
	Frequency Range	108 – 156 MHz
	Channel Spacing	8.33 KHz and 25 KHz
	Frequency stability	1 ppm or better(standard VCOs on TX and Rx)
	Power supply	AC: 230 V ac +/- 10 %, 47 – 63 Hz DC: 18 to 72 V dc nominal
	Operating Temperature	-15°C to +55°C
	Operating relative humidity	5% to 90%
	Compliance	ICAO Annex 10
B.	Transmitter	
1.	RF Power output	Adjustable between 0 to 50 watt CW (47dBm ±1.5 dB) from 108 to 156MHZ.
2.	Distortion factor	<5% @ 90% modulation depth (1KHZ tone @ Max RF power.
3.	Output impedance	50 ohms
4.	Modulation level	Adjustable: 0 to 85% (does not exceed 95%)
5.	Audio frequency response	350 to 2500Hz (8.33 kHz) 300 to 3400Hz (25kHz)
6.	Signal to Noise ratio	(S+N)/N ≥45dBm @80% modulation (1 KHZ tone)

7.	Emissions –Harmonics -Spurious	<-93dBc <-83dBc
8.	Recording Output level	100mV ± 6dB on 10 K Ohms at 1000 Hz, 85% Modulation
9.	Microphone Sensitivity	2mv ± 3 dB, 200mV ± 3dB
11.	Transmitter RF output protection.	Operation with short /open circuit without any damage. TX shut down when VSWR ≥ 3.
13.	Primary and backup AF lines.	Intelligently supports both. (4 wire E&M)
14.	Main and Standby Changeover facility.	Embedded functions (selectable)
15.	Remote control & monitoring.	Be able to support.
C. Receiver		
	Frequency Range	108 – 156 MHz
	Receiver Sensitivity	12dB SINAD with -107 dBm @ 1 kHz 30% AM modulation. (25KHZ and 8.33KHZ AM – DSB)
	Squelch	Adjustable
	Receiver dynamic range.	From -107dBm to +13dBm
	Input impedance	50 Ohms
	Blocking	>7 dBm @ 500kHz frequency offset
	Harmonic Distortion	< 5% @ 90% Modulation depth
	Adjacent Channel Rejection.	>45 dB @ 80% modulation depth
	Image and spurious rejection response	>80dB.
10.	Frequency response	350 to 2500Hz (8.33kHz) 300 to 3400Hz (25kHz)
11.	Primary and backup AF Line.	Intelligently supports both (4 W E&M)
12.	Main and Standby facility	Embedded functions (selectable)
13.	Remote control and monitoring.	Be able to support.
Interfaces		
	Analog interfaces	<ul style="list-style-type: none"> • Double Standard ANSI 4W E & M audio port
	Digital Interfaces	<ul style="list-style-type: none"> • On board IEEE 802.3 10 Base T or 100 Base T (configurable) • E1/T1 port • RS 232 for UTC time
	Monitoring and Control interfaces	<ul style="list-style-type: none"> • RS232 port for local facilities • RS485 port for monitoring and control
	Auxiliary interfaces	<ul style="list-style-type: none"> • Tx/Rx balanced recorder output • General alarm status output

		<ul style="list-style-type: none"> PTT activation response output
Aerial/Antenna		
Environmental conditions		
Temperature range	-20° to + 55° C	
Relative humidity	up to 90%	
Non-operating / storage environment:	Temperature range: -40° to + 70° C	
Altitude (operational)	15000 ft. (MLS)	
Safety	According to EN 60950 (4th edition – 2000) specification	
EMI / RFI:	According to EN specifications for CE marking According to ETSI 301 489-1 and ETSI 301 489-22 specifications	
Training	<ul style="list-style-type: none"> Training for Two Technical Personnel in each site. 	
Warranty	A warranty of 3 years commencing from date of signing of the site acceptance certificate by both parties.	
VHF Antenna Requirements		
Electrical Specifications	Frequency:	108 MHz to 156 MHz
	Nominal impedance:	50 Ohm
	Polarization:	Vertical
	Horizontal plane radiation:	Omni (± 0.5 db)
	Vertical plane radiation:	78° @ -3dB
	VSWR:	< 2 (<1.6 @ 118 to 137 MHz)
	Gain ISO:	2 dBi
	Maximum RF power:	500 W continuous
	Operative temperature:	-40° to +70 °C
Mechanical Specifications	Input connector:	Type N female
	Antenna material	Grey fiberglass
	Radome:	Non-corrosive aluminium
	Fastening kit:	
	Antistatic protection:	All metal parts DC grounded
	Wind load at 150Km/h:	150 N
	Dimensions and weight:	L=1300 mm, diam.=125 mm
	Mounting:	on flange (by 3 M8 stainless steel fixed screw)
VHF Cavity Band Pass Filter	Frequency band	118 to 156 MHz
	Insertion loss	0.5 to 2 dB
	VSWR	$\leq 1.5:1$
	Selectivity (one cavity):	≥ 12 dB @ 500 kHz (2 dB)
	Max Continuous Power	100 W r.m.s. / 400W p.e.p
	Operative temperature range	from -20°C to +55°C
	Nominal Impedance	50 Ohm
	Input-Output connectors	Type N female

		Height 3U
	Rack requirements	One 19" 19U lockable rack for each airport External dimensions : 910 x 600 x 800 mm Internal useful height: 885 mm Internal useful width: 482.6 mm Internal useful depth: 630 mm Weight:< 60 kg Colour: RAL 5024 Conform to RETMA and DIN 41494 specifications
	Remote Control Unit (RCU):	Capable of: <ul style="list-style-type: none"> • VoIP protocol according to the EUROCAE ED137 • Powerful interface based around a touch screen • Colour LCD display • TX and RX audio communications management
	Spare Parts	The bidder shall supply two (2) modules each for the transmitter and receiver, 2 complete AC power supply system, 2 DC power supply system including a charger unit and batteries and a set of consumables spares as recommended by the manufacturer.

EVALUATION CRITERIA

Kenya Civil Aviation Authority will consider the following three stages to evaluate the tender as follows.

- a) Mandatory tender requirements
- b) Technical evaluation on system specifications and the bidders' capacity to deliver the contract

- c) Financial Evaluation.
- d) Due diligence

(a) MANDATORY TENDER REQUIREMENTS

The submission of the following mandatory items will be required in the determination of the completeness of the bid and responsiveness of bidders. Bids that do not contain all the information required will be declared non-responsive and shall not be evaluated further.

No.	Documents to be submitted
1.	Ineligibility: - Bidders and associated firms who have existing ongoing contracts with KCAA which have delayed beyond the original scheduled completion period in the contract or having none performing records or terminated contracts are not eligible to
2.	Project commitment/plan – Bidders MUST attach sample project plan/work programme clearly indicating the expected completion of the project within shortest time possible . Please note, there shall be no extension of period.
3.	Provide copy of the company Business permit issued by the County Government of operation
4.	Copy of company registration/incorporation certificate
5.	Copy of CR12 certificate
6.	Tender security of Kshs. 500,000.00 - in form of a bank guarantee or a banker's cheque from a reputable bank in Kenya or from insurance companies allowed by public procurement Oversight Authority and valid for 120 days from the date of closing of the
7.	Valid Tax Compliance certificate
8.	Correctly duly filled, stamped and signed Form of Tender with a validity period of 90 days
9.	Written power of attorney of the signatory of the tender to commit the tenderer.
10.	Correctly Dully filled confidential questionnaire (Indicate all the directors and respective shares)
11.	Manufacturer's Authorization: Bidders MUST attach proof of a valid appointment of dealership by the manufacturer of the Walkie Talkies (should be attached to the tender document). NB: KCAA will have the rights of confirmation of the same.
12.	1 Original & 1 copy of bid documents (Ensure serialization/pagination of ALL pages for the bid submitted)
13.	Audited Financial statements for the last two years (2018 or 2017 & 2016)
14.	Duly signed Sworn Anti-corruption affidavit by the commissioner for oaths
15.	Submit a statement in the bidder's letter head that the company is not insolvent, in receivership, bankrupt or in the process of being wound up.
16.	Submit a statement in the bidder's letter head indicating that the person or his or her sub-contractor, if any is not debarred from participating in procurement proceedings
17.	Submit a statement in the bidder's letter head indicating that the person participating in procurement proceedings has not been convicted of corrupt or fraudulent practices
18.	MUST have the necessary Communications Authority of Kenya (CAK), license(s) for the installation of radio equipment. Documentary evidence shall be attached with

(B) TECHNICAL EVALUATION CRITERIA

Bidders shall be required to meet **ALL** the technical requirements as per the technical specifications provided in section VI of this tender document for **supply, Installation and Commissioning of VHF Radios in various stations**. Bidders **MUST** attach all the technical brochures for **ALL** the components of the proposed system. Bidders **MUST** attach a checklist of responsiveness indicating the pages where specific items can be found.

Bidders MUST meet all the technical requirements to proceed to financial evaluation.

(C) FINANCIAL EVALUATION CRITERIA

Financial evaluation shall be conducted for the bidders who will have passed the technical evaluation as outlined in (B) above.

The financial evaluation will include checking for arithmetic errors where necessary and shall take into account any financial discounts stated in the bid document. The winning bidder will be the lowest evaluated bidder.

(D) DUE DILIGENCE

KCAA shall conduct a due diligence to confirm and verify the information provided by the tenderer who submitted the lowest evaluated responsive tender to be awarded the contract in accordance with Kenya's Public Procurement and Asset Disposal Act 2015 (PPADA).

SECTION VII - STANDARD FORMS

Notes on standard forms

1. The tenderer shall complete and submit with its tender the form of tender and price schedules pursuant to instructions to tenderers clause 9 and in accordance with the requirements included in the special conditions of contract.
2. When requested by the appendix to the instructions to tenderers, the tenderer should provide the tender security, either in the form included herein or in another form acceptable to the KCAA pursuant to instructions to tenderers clause 12.3
3. The contract form, the price schedules and the schedule of requirements shall be deemed to form part of the contract and should be modified accordingly at the time of contract award to incorporate corrections or modifications agreed by the tenderer and the KCAA in accordance with the instructions to tenderers or general conditions of contract.
4. The performance security and bank guarantee for advance payment forms should not be completed by the tenderers at the time of tender preparation. Only the successful tenderer will be required to provide performance/entity and bank guarantee for advance payment forms in accordance with the forms indicated herein or in another form acceptable to the KCAA and pursuant to the – conditions of contract.
5. The principal's or manufacturer's authorization form should be completed by the principal or the manufacturer, as appropriate in accordance with the tender documents.

FORM OF TENDER

Date _____

Tender No. KCAA/026/2019-2020

**To: Kenya Civil Aviation Authority
P.O BOX 30163-00100, Nairobi**

Gentlemen and/or Ladies:

Gentlemen and/or Ladies:

1. Having examined the tender documents including Addenda Nos..... [insert numbers) of which is hereby duly acknowledged, we the undersigned, offer to **supply, Installation and Commissioning of VHF Radios in various stations** 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 supply, install and commission ATM grade network for the Authority in accordance with the schedule specified in the Schedule of Requirements.
3. If our Tender is accepted, we will obtain the tender guarantee in a sum 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. Until a formal Contract is prepared and executed, this Tender, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

Dated this _____ day of _____ 2020

[Signature]

[In the capacity of]

duly authorized to sign tender for and on behalf of

PRICE SCHEDULE FORM

TITLE OF TENDER: SUPPLY, INSTALLATION AND COMMISSIONING OF VHF RADIOS IN VARIOUS STATIONS.

TENDER NUMBER: KCAA/026/2019-2020

NAME OF TENDERER: -----

No	Description	Unit	Qty	Unit Price in Kshs	Total Price in Kshs
1.	Jomo Kenyatta International Airport	NO	1		
2.	Moi International Airport	NO	1		
3.	Eldoret International Airport	NO	2		
4.	Wilson Airport				
5.	Kisumu International Airport	No	1		
6.	Malindi Airport	No	1		
7.	Lokichoggio Airport	No	1		
8.	Diani Airport	No	1		
9.	Ngong station	No	1		
10.	Wajir Airport	No	1		
11.	Mua Hills station	No	1		
	Total cost for supply, installation and commissioning of VHF radios in various stations to be transferred to form of tender.				

NOTE

- **The awarded bidder will have to provide a sample for approval**
- **Bidders to indicate the expected delivery period**
- **All prices quoted shall be inclusive of all applicable taxes (DDP 2010).**
- **Bidders MUST provide a detailed breakdown of the prices for all the items to be installed including spare parts and services to be provided.**
- **Any item omitted from the list above should be added in the table, quantified and described accordingly.**

Authorized Official

Name _____

Signature _____

Date and official stamp _____

CONTRACT FORM

THIS AGREEMENT made the ____ day of _____ 20____ between..... [name of procurement entity] of[country of Procurement entity](hereinafter called "the KCAA") of the one part and[name of tenderer] of[city and country of tenderer](hereinafter called "the tenderer") of the other part.

WHEREAS the KCAA invited tenders for certain materials and spares. Viz.....[brief description of materials and spares] and has accepted a tender by the tenderer for the supply of those materials and spares in the sum of[contract price in words and figures]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 KCAA’s Notification of Award.
3. In consideration of the payments to be made by the KCAA to the tenderer as hereinafter mentioned, the tenderer hereby covenants with the KCAA to provide the materials and spares and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The KCAA hereby covenants to pay the tenderer in consideration of the provision of the materials and spares 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, sealed, delivered by_____ the _____(for the KCAA)

Signed, sealed, delivered by_____ the _____(for the tenderer)

in the presence of_____.

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 applied to your type of business.

You are advised that it is a serious offence to give false information on this form.

<p>Part 1 General</p> <p>Business Name</p> <p>Location of Business Premises</p> <p>Plot No,..... Street/Road.....</p> <p>Postal address Tel No. Fax Email.....</p> <p>Nature of Business</p> <p>Registration Certificate No.</p> <p>Maximum value of business which you can handle at any one time – Kshs.....</p> <p>Name of your bankers</p> <p>Branch</p>															
	<p>Part 2 (a) – Sole Proprietor</p>														
	<p>Your full.....Age.....</p>	<p>name</p>	<p>in</p>												
	<p>Part 2 (b) – Partnership</p>														
	<p>Given details of partners as follows</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 35%;">Name</th> <th style="width: 30%;">Nationality</th> <th style="width: 25%;">Citizenship details</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> </tbody> </table>				Name	Nationality	Citizenship details	1.	2.
	Name	Nationality	Citizenship details												
1.												
2.												
	<p>Part 2 (c) – Registered Company</p>														
	<p>Private or Public:</p> <p>State the nominal and issued capital of company</p> <p>Nominal Kshs..</p> <p>..... Issued</p> <p>Kshs.....</p> <p>Given details of all directors as follows</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 35%;">Name</th> <th style="width: 30%;">Nationality</th> <th style="width: 25%;">Citizenship details</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> <tr> <td style="text-align: center;">2.</td> <td>.....</td> <td>.....</td> <td>.....</td> </tr> </tbody> </table>				Name	Nationality	Citizenship details	1.	2.
	Name	Nationality	Citizenship details												
1.												
2.												
	<p>Date.....Signature of Candidate.....</p>														

TENDER SECURITY FORM

Whereas[name of the tenderer] (hereinafter called "the tenderer")has submitted its tender dated.....[date of submission of tender] for the provision of

[Name and/or description of the services]

(Hereinafter called "the Tenderer").....

KNOW ALL PEOPLE by these presents that WE.....

Of.....having registered office at.....

[name of location](hereinafter called "the Bank")are bound unto.....

[name of KCAA](hereinafter called "the KCAA") in the sum of

for which payment well and truly to be made to the said KCAA, 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 KCAA 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 to the KCAA up to the above amount upon receipt of its first written demand, without the KCAA having to substantiate its demand, provided that in its demand the KCAA 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 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] ((Amend accordingly if provided by Insurance Company)

PERFORMANCE SECURITY FORM

To:

[name of the KCAA]

WHEREAS..... [Name of tenderer] (hereinafter called "the tenderer") has undertaken, in pursuance of Contract No.[reference number of the contract] dated _____ 20_____ to

supply.....

[Description services](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:

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 figures],

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 your 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

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date] (Amend accordingly if provided by Insurance Company)

BANK GUARANTEE FOR ADVANCE PAYMENT

To.....

[name of tender].....

Gentlemen and/or Ladies:

In accordance with the payment provision included in the special conditions of contract, which amends the general conditions of contract to provide for advance payment,

.....

[name and address of tenderer][hereinafter called "the tenderer"] shall deposit with the KCAA a bank guarantee to guarantee its proper and faithful performance under the said clause of the contract in an amount

of

[amount of guarantee in figures and words].

We, the

[bank or financial institution], as instructed by the tenderer, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the KCAA on its first demand without whatsoever right of objection on our part and without its first claim to the tenderer, in the amount not exceeding

[amount of guarantee in figures and words].

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

This guarantee shall remain valid and in full effect from the date of the advance payment

received by the tenderer under the Contract until [date].

Yours truly, Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

REPUBLIC OF KENYA

IN THE MATTER OF OATHS AND STATUTORY DECLARATION ACT

CHAPTER 15 LAWS OF KENYA

AND

IN THE MATTER OF

THE PUBLIC PROCUREMENT AND ASSET DISPOSAL ACT, 2015

I, holder of Identity card no.....and care of P. O. Box and being a resident of in the Republic of Kenya do hereby make oath and state as follows: -

1. **THAT** I am the Chief Executive/Managing Director/Principal Officer /Director of (name of the Candidate) which is a Candidate in respect of Tender Number to supply goods, render services and/or carry out works for Kenya Civil Aviation Authority and duly authorized and competent to make this Affidavit.
2. **THAT** the aforesaid Candidate has not been requested to pay any inducement to any member of the Board, Management, Staff and/or employees and/or agents of Kenya Civil Aviation Authority, which is the procuring entity.
3. **THAT** the aforesaid Candidate, its servants and/or agents have not offered any inducement to any member of the Board, Management, Staff and/or employees and/or agents of Kenya Civil Aviation Authority.
4. **THAT** the aforesaid candidate has not committed any offence under the Laws of Kenya or the Procurement Laws or been debarred from participating in any tenders by virtue of non-performance/poor-performance or any other legal reason and is not undergoing any adverse disciplinary action/claim before the Public Procurement and Disposal Authority.
5. **THAT** the aforesaid candidate, its directors and shareholders have not been convicted of corrupt or fraudulent practices in any court of competent jurisdiction within the Republic of Kenya.

6. **THAT** the aforesaid candidate has not defaulted in his/her/their/its tax obligations per the tax laws of the Republic of Kenya.
7. **THAT** the aforesaid candidate has not been in breach of the employment laws of the Republic of Kenya.
8. **THAT** what is deponed to hereinabove is true to the best of my knowledge information and belief.

SWORN at by the said }

..... }

Name of Chief Executive/Managing Director/ }

Principal Officer/Director }

on this day of 20... }

}

}

DEPONENT

Before me }

}

Commissioner for Oaths