

### REPUBLIC OF KENYA

# MINISTRY OF TRANSPORT, INFRASTRUCTURE, HOUSING AND URBAN DEVELOPMENT,

OF PUBLIC WORKS
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(SUPPLIES BRANCH)

SB/8/2016/2017: SUPPLY OF MICROBUS, AMBULANCE, DIESEL

**CLOSING DATE: 11th October, 2016** 

TIME: 10:00AM (EAST AFRICAN TIME)

A complete tender document can be downloaded from supplier portal https://supplier.treasury.go.ke

#### SB/8/2016/2017: SUPPLY OF MICROBUS, AMBULANCE, DIESEL

- i) MTD-976-044-16, Microbus , Ambulance, Diesel
- ii) MTD-1135-401-16, Single Cab Pickup 4x4,2400 3200cc, Ambulance
- iii) MTD-1102-401-16, Heavy Duty Ambulance 4x4, 4000-4200cc
- iv) MTD-1661-401-16, Single Cab Pickup 4x4, 2400-3200cc Ambulance with Fiber Glass Body
  - v) MTD-1662-401-16, Heavy Duty Ambulance 4x4, 4000-4200cc, Diesel with Fiber Glass Body
- vi) MTD-1754-044-16, Ambulance ,Medium Size, Diesel
- vii) MTD-977-044-16, MICROBUS, AMBULANCE, DIESEL
- viii) MTD-1856-401-16, SINGLE CAB PICK UP 4X4 2200-3200cc AMBULANCE
- ix) MTD-2142-046-16 Executive microbus, Diesel 7 passengers.

### TABLE OF CONTENTS

			PA	GE
SECTION	I	-	INVITATION TO TENDER	1
SECTION	II	-	INSTRUCTIONS TO TENDERERS	2
SECTION	III	-	GENERAL CONDITIONS OF CONTRACT	.18
SECTION	IV	-	SPECIAL CONDITIONS OF CONTRACT	. 24
SECTION	V	-	PRICE SCHEDULE FOR GOODS	27
SECTION	VI	-	TECHNICAL SPECIFICATIONS	28
SECTION	VII	-	EVALUATION CRITERIA	.29
SECTION	VIII	-	STANDARD FORMS	31
8.1	FORI	M OF	ΓENDER	32
8.2			NTIAL BUSINESS NAIRES FORMS	33
8.3	TENI	DER S	ECURITY FORM	34
8.4	CON	TRAC	T FORM	35
8.5	PERF	FORM	ANCE SECURITY FORM	36
8.6			ARANTTE FOR ADVANCE FORM	37
8.7	MAN FORI		CTURER'S AUTHORIZATION	38
8.8	LETT	ΓER O	F NOTIFICATION OF AWARD	39

SECTION I - INVITATION TO TENDER

DATE: 19<sup>th</sup> September, 2016

TENDER REF NO.: - SB/8/2016/2017

TENDER NAME: - Supply of Microbus, Ambulance, Diesel

- 1.1 The Principal Secretary, State Department of Public Works, Ministry of Transport and Infrastructure, Housing and Urban Development, invites sealed bids from eligible candidates for Supply of Microbus, Ambulance, Diesel to Government Ministries / Departments & Institutions for a period of Two (2) years commencing on the date of Contract Signing.
- 1.2 Interested eligible candidates may obtain further information from **supplier portal https://supplier.treasury.go.ke** and inspect the tender documents at the Office of <u>the Officer-In-Charge</u>, Supplies Branch, Likoni Road, Industrial Area, P. O. Box 30071 00100, Nairobi during normal working hours.
- 1.3 A complete set of tender documents may be obtained by interested candidates upon payment of non-refundable fees of Kshs. 1,000 (Kenya Shillings One Thousand Only) in cash or Bankers cheque payable to The Officer-In-Charge, Supplies Branch, Likoni Road, Industrial Area, P. O. Box 30071 00100, Nairobi.
- 1.4 Completed tender documents are to be submitted online or enclosed in plain sealed envelopes marked with tender reference number and be deposited in the Tender Box at <u>Supplies Branch</u>, <u>Likoni Road</u>, <u>Industrial Area</u>, <u>Nairobi</u> or be addressed to <u>The Officer-In-Charge</u>, <u>Supplies Branch</u>, <u>Likoni Road</u>, <u>Industrial Area</u>, P. O. Box 30071 00100, <u>Nairobi</u> so as to be received on or before <u>11th October</u>, <u>2016</u> at 10.00 am (<u>East African Time</u>).
- 1.5 Tenderers shall be required to furnish a Tender / Bid Security of KShs. 100,000 (Kenya Shillings One Hundred Thousand Only) payable in bankers' cheque or cash to the Permanent Secretary, Ministry of Public Works or a bid bond from a Commercial Bank / Eligible Insurance Company in the format provided in the Tender Documents to remain in force for a period of One Hundred and Fifty (150) days from the closing date of the tender.
- 1.6 Prices quoted should be net inclusive of all taxes and delivery must be in Kenya Shillings and shall remain valid for <u>One Hundred and Twenty (120) days</u> from the closing date of the tender.
- 1.7 Tenders will be opened immediately thereafter in the presence of the Candidates or their representatives who choose to attend at <u>Supplies Branch</u>, <u>Likoni Road</u>, <u>Industrial Area</u>, <u>Nairobi</u>.

OFFICER INCHARGE SUPPLIES BRANCH FOR PRINCIPAL SECRETARY STATE DEPARTMENT OF PUBLIC WORKS.

### SECTION II - INSTRUCTIONS TO TENDERERS

### **Table of Clauses**

		Page
2.1	Eligible tenderers	3
2.2	Eligible goods	3
2.3	Cost of tendering	3
2.4	Contents of Tender document	3
2.5	Clarification of documents	4
2.6	Amendment of documents	4
2.7	Language of tender	4
2.8	Documents comprising the tender	5
2.9	Tender forms	5
2.10	Tender prices	5
2.11	Tender currencies	6
2.12	Tenderers eligibility and qualifications	6
2.13	Goods' eligibility and conformity to	
	Tender Documents	6
2.14	Tender security	7
2.15	Validity of tenders	7
2.16	Format and signing of tenders	8
2.17	Sealing and marking of tenders	8
2.18	Deadline for submission of tender	9
2.19	Modification and withdrawal of tenders	9
2.20	Opening of tenders	9
2.21	Clarification of tenders	10
2.22	Preliminary examination	10
2.23	Conversion to single currency	10
2.24	Evaluation and comparison of tenders	11
2.25	Preference	14
2.26	Contacting the procuring entity	14
2.27	Award of contract	14
(a)	Post qualification	14
(b)	Award criteria	15
(c)	Procuring entity's right to vary quantities	15
(d)	Procuring entity's right to accept or	
	Reject any or all tenders	15
2.28	Notification of award	15
2.29	Signing of contract	15
2.30	Performance security	16
2.31	Corrupt or fraudulent practices	16

#### 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 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 changed for the tender document shall not exceed Kshs.5,000/=
- 2.3.3 All firms found capable of performing the contract satisfactorily in accordance to the set prequalification criteria shall be pre-qualified.

#### 2.4 Contents of Tender Documents

- 2.4.1 The tender document comprises the documents listed below and addendum 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 (S.33)
- 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 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.

#### **Preparation 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 2.1.2 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 2.2.1 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 be entered separately in the following manner;
  - (i) the price of the goods 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

- 2.10.1 Prices quoted by the tender 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
- 2.10.2 The validity period of the tender shall be 120 days from 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; and
- (c) a clause-by-clause commentary on the Procuring entity's Technical Specifications demonstrating substantial responsiveness of the goods and service to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.
- 2.13.4 For purposes of the documentary evidence to be furnished pursuant to paragraph 2.13.3(c) above, the tenderer shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procurement entity in its Technical Specifications, are intended to be descriptive only and not restrictive. The tenderer may substitute alternative standards, brand names, and/or catalogue numbers in its tender, provided that it demonstrates to the Procurement entity's satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

#### 2.14 Tender Security

- 2.14.1 The tenderer shall furnish, as part of its tender, a tender security Kshs. 100,000.00 for each Tender.
- 2.14.2 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
- 2.14.3 The tender security shall be denominated in Kenya Shillings or in another freely convertible currency, and shall be in the form of a bank guarantee or a bank draft issued by a reputable bank located in Kenya or abroad, or a guarantee issued by a reputable insurance company in the form provided in the tender documents or another form acceptable to the Procuring entity and valid for thirty (30) days beyond the validity of the tender.
- 2.14.4 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
- 2.14.5 Unsuccessful Tenderer's tender security will be discharged or returned as promptly as possible as but not later than thirty (30) days after the expiration of the period of tender validity prescribed by the Procuring entity.
- 2.14.6 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
- 2.14.7 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 or as specified in the Invitation to Tender after the date of tender opening prescribed by the Procuring entity, pursuant to paragraph 2.18. A tender valid for a shorter period shall be rejected by the Procuring entity as non-responsive.
- 2.15.2 In exceptional circumstances, the Procuring entity may solicit the Tenderer's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The tender security provided under paragraph 2.14 shall also be suitably extended. A tenderer may refuse the request without forfeiting its tender security. A tenderer granting the request will not be required nor permitted to modify its tender.

#### 2.16 Format and Signing of Tender

- 2.16.1 The 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. The latter authorization shall be indicated by written power-of-attorney accompanying the tender. All pages of the tender, except for unamended 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.

#### **Submission of Tenders**

#### 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 following address: The Officer-in - Charge,

Supplies Branch, State Department of Public Works, P. O. Box 30071-00100, LIKONI ROAD.

- (b) Bear, tender number and name in the Invitation for Tenders and the words, "DO NOT OPEN BEFORE," 11th October, 2016, 10.00 am East African Time (as per Tender Notice).
- 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**

Tenders must be received by the Procuring entity at the address specified under paragraph 2.17.2 no later than 11th October, 2016, 10.00 am East African Time (as per Tender Notice).

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

#### 2.19 Modification and Withdrawal of Tenders

- 2.19.1 The tenderer may modify or withdraw its tender after the tender's submission, provided that written notice of the modification, including substitution or withdrawal of the tenders, is received by the Procuring prior to the deadline prescribed for submission of tenders.
- 2.19.2 The Tenderer's modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of paragraph 2.17. A withdrawal notice may also be sent by cable, telex but followed by a signed confirmation copy, postmarked not later than the deadline for submission of tenders.
- 2.19.3 No tender may be modified after the deadline for submission of tenders.
- 2.19.4 No tender may be withdrawn in the interval between the deadline for submission of tenders and the expiration of the period of tender validity specified by the tenderer on the Tender Form. Withdrawal of a tender during this interval may result in the Tenderer's forfeiture of its tender security, pursuant to paragraph 2.14.7
- 2.19.5 The procuring entity may at any time terminate procurement proceedings before contract award and shall not be liable to any person for the termination.

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

#### **Opening and Evaluation of Tenders**

#### 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 10.00 am East African Time on 11th October, 2016 (as per Tender Notice) and in the location specified in the Invitation to Tender.
- 2.20.2 The tenderers' representatives who are presence shall sign a register evidencing their attendance.
- 2.20.3 The tenderers' names, tender modifications or withdrawals, tender prices, discounts and the presence or absence of requisite tender security and such other details as the Procuring entity, at its discretion, may consider appropriate, will be announced at the opening.
- 2.20.4 The Procuring entity will prepare minutes of the tender opening.

#### 2.21 Clarification of Tenders

- 2.21.1 To assist in the examination, evaluation and comparison of tenders the Procuring entity may, at its discretion, ask the tenderer for a clarification of its tender. The request for clarification and the response shall be in writing, and no change in the prices or substance of the tender shall be sought, offered, or permitted.
- 2.21.2 Any effort by the tenderer to influence the Procuring entity in the Procuring entity's tender evaluation, tender comparison or contract award decisions may result in the rejection of the tenderers' tender.

#### 2.22 Preliminary Examination

- 2.22.1 The Procuring entity will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order.
- 2.22.2 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantify, the unit price shall prevail, and the total price shall be corrected. If the candidate does not accept the correction of the errors, its tender will be rejected, and its tender security forfeited. If there is a discrepancy between words and figures the amount in words will prevail
- 2.22.3 The Procuring entity may waive any minor informality or non-conformity or irregularity in a tender which does not constitute a material deviation, provided such waiver does not prejudice or 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 these currencies to Kenya Shillings using the selling exchange rate on the rate 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 22.
- 2.24.2 The Procuring entity's evaluation of a tender will exclude and not take into account:
  - (a) in the case of goods manufactured in Kenya or goods 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
  - (c) 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 23.5 and in the technical specifications:
  - (a) delivery schedule offered in the tender;
  - (b) deviations in payment schedule from that specified 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 services 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 goods 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 spares parts backup. Documentary evidence and locations of such back-up must be given.

#### (d) Bid Evaluation Criteria

The specifications of the item(s) offered by the bidder will be examined and compared with the requirement's specifications and check lists drawn up for all items showing the main requirements specified and whether or not each bid complies with the requirements.

Certain deviations from the required specification are critical to the performance (or capacity) or efficient operation of the equipment concerned. Deviations of this type are classified as major deviations. Bids with one or more major deviations from the requirements will in all cases be rejected as technically non-responsive. Deviation from any requirement listed as mandatory in the technical specifications is considered a major deviation. Deviations which are not critical to the performance or efficient operation of the equipment are considered minor and will not result in rejection of the bid but the bidder

will lose points on such deviations.

#### (e) Technical Evaluation

A point system will be used to rate all the technically responsive bidders with the maximum score being **60 points** distributed as below.

#### (i) <u>Technical compliance</u>

Determined by the information given by the tenderer. Minor deviation from the specification may be allowed. A maximum of 30 points will be allotted to the tenderer whose equipment meet all the specifications.

#### (ii) Spare parts availability

This is to be determined by the information supplied by the tenderer as regards to local firms that deal with stocking of spare parts for the make of equipment and physical check on these dealers may be done to confirm availability of spares whose equipment spare parts dealership is proven that will earn **5 points**.

#### (iii) Workshop facilities and after sales service

This is to be determined from information supplied by the tenderer as well as physical checks and the procuring entities past experience. A maximum of **5 points** will be allotted for quantity and quality of servicing facilities as well as efficiency and reliability of the service rendered by the appointed local agent.

#### (iv) Performance rating

A maximum of **5 points** will be allotted to tenderers on the basis of recorded past performance of equipment in the Country. Points covered will be reliability, life expectancy and suitability for local working conditions and tenderer's past record. A point will be awarded for each of the factors.

#### (v) Manufacturer's warranty

This is to be determined from information supplied by the tenderer. This will be on the duration of warranty with a maximum of **5 points** being allotted to the tenderer with a warranty, as indicated in that particular specification. This is important and mandatory

as failure to provide warranty will mean automatic disqualification. Warranty has to be supported by equipment manufacturer.

#### (vi) Concurrence with vehicle and plant standardisation

A maximum of **2 points** will be allotted to tenderers on the basis of standardisation with current Government fleet, with the most populous make scoring 2 points and all other tenderers by proportion to their numbers.

#### (vii) Dealership

To be determined by information supplied by the tenderer as well as past experience of the procuring entity. Proven dealership will be allotted **3 points** and equipment with no local dealer or agent will be disqualified.

(viii) Environmental compatibility will earn a maximum of **5 points** basing on NEEMA and other international standards.

#### (f) Commercial Evaluation

Only bids scoring **45 points** (**75%**) or more in the technical evaluation will be considered for further commercial evaluation. For the purpose of determining the lowest evaluated bid, the procuring entity shall take factors other than the price into account in the following manner. The lowest financial bid will be allotted a maximum of 40 points and the other bids will be allotted points in proportion to their bid prices as shown here below:

Lowest bid x 40 Bid price

Bids will be ranked according to their combined technical (St) and financial (sf) scores using weights.

**T** = Weight given to the technical evaluation, maximum 60%;

P = the weight given to the financial evaluation, maximum point 40%.

T+P = 100%.

Sf is determined by the following formular.

$$\mathbf{Sf} = \underbrace{\frac{\text{Lowest Bid}}{\text{Bid price}}} x40$$

 $\mathbf{S} = \mathbf{St} + \mathbf{Sf}$ 

**S** being the total combined weighted financial and technical score.

Firm will be ranked as per the combined financial and technical scores.

#### 2.25 Preference

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

#### 2.26 Contacting the Procuring entity

- 2.26.1 Subject to paragraph 2.21 no tenderer shall contact the Procuring entity on any matter related to its tender, from the time of the tender opening to the time the contract is awarded.
- 2.26.2 Any effort by a tenderer to influence the Procuring entity in its decisions on tender, evaluation, tender comparison, or contract award may result in the rejection of the Tenderer's tender.

#### 2.27 Award of Contract

#### (a) Post-qualification

- 2.27.1 In the absence of pre-qualification, the Procuring entity will determine to its satisfaction whether the tenderer that is selected as having submitted the lowest evaluated responsive tender is qualified to perform the contract satisfactorily.
- 2.27.2 The determination will take into account the tenderer financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the tenderers qualifications submitted by the tenderer, pursuant to paragraph 2.12.3 as well as such other information as the Procuring entity deems necessary and appropriate.
- 2.27.3 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

2.27.4 Subject to paragraph 10, 23 and 28 the Procuring entity will award the contract to the successful tenderer(s) whose tender has been determined to be substantially responsive and has been determined to be the lowest evaluated tender, provided further that the tenderer is determined to be qualified to perform the contract satisfactorily.

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

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

#### (d) Procuring entity's Right to Accept or Reject Any or All Tenders

2.27.6 The Procuring entity reserves the right to accept or reject any tender, and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or tenderers of the grounds for the Procuring entity's action.

#### 2.28 Notification of Award

- 2.28.1 Prior to the expiration of the period of tender validity, the Procuring entity will notify the successful tenderer in writing that its tender has been accepted.
- 2.28.2 The notification of award will constitute the formation of the Contract but will have to wait until the contract is finally signed by both parties.
- 2.28.3 Upon the successful Tenderer's furnishing of the performance security pursuant to paragraph 2.28, the Procuring entity will promptly notify each unsuccessful Tenderer and will discharge its tender security, pursuant to paragraph 2.14

#### 2.29 Signing of Contract

- 2.29.1 At the same time as the Procuring entity notifies the successful tenderer that its tender has been accepted, the Procuring entity will send the tenderer the Contract Form provided in the tender documents, incorporating all agreements between the parties.
- 2.29.2 The parties to the contract shall have it signed within 30 days from the date of notification of contract award unless there is an administrative review request.
- 2.29.3 Within thirty (30) 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 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.

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

#### 2.31 Corrupt Fraudulent Practices

- 2.31.1 The Procuring entity requires that tenderers observe the highest standard of ethics during the procurement process and execution of contracts. In pursuance of this policy, the Procuring entity:-
  - (a) defines, for the purposes of this provision, the terms set forth below as follows:
    - a. "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution; and
    - b. "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of 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;
  - (b) 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;
  - (c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded any contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract.
- 2.31.2 The procuring entity will reject a proposal for award if it determines that the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- 2.31.3 Further a tenderer who is found to have indulged in corrupt or fraudulent practices risks being debarred from participating in public procurement in Kenya.
- 2.31.4 Furthermore, tenderers shall be aware of the provision stated in the General Conditions of Contract.

### **Section III - General Conditions of Contract**

### **Table of Clauses**

	Page
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 19
3.12	Payment
3.13	Prices
3.14	Assignments
3.15	Sub contracts
3.16	Termination for default
3.17	Liquidated damages
3.18	Resolution of Disputes

Suppl	ies Branch; Tender No	o. SB/8/2016/2017: Supply of Microbus, Ambulance, Diese	ŀ
3.19	Language and law	20	
3 20	Force Maieure	20	

#### 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 of goods.

#### 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.
- 3.2.2 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 Candidate shall not, without the Procuring entity's prior written consent, disclose the Contract, or any provision thereof; or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of 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 5.1 above.
- 3.5.3 Any document, other than the Contract itself; enumerated in paragraph 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

3.5.1 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 thirty (30) 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 on 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 Goods, and the tenderer shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost 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 Goods having previously been inspected, tested, and passed by the Procuring entity or its representative prior to the Goods' delivery.
- 3.8.5 Nothing in paragraph 8 shall in any way release the tenderer from any warranty or other obligations under this Contract.

#### 3.9 Packing

- 3.9.1 The tenderer shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract.
- 3.9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract.

#### 3.10 Delivery and Documents

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

#### 3.11 Insurance

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

#### 3.12 Payment

3.12.1 Payments shall be made promptly by Government Ministries, Departments or Institutions upon delivery of items procured through purchase orders by the respective entities.

#### 3.13 Prices

- 3.13.1 Prices shall be net inclusive of all taxes and no variation of prices; except in the case of variation of taxes or other charges payable to the Government.
- 3.13.2 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.
- 3.13.3 Contract price variations shall not be allowed for contracts not exceeding one year (12 months)
- 3.13.4 Where contract price variation is allowed, the variation shall not exceed 10% of the original contract price.
- 3.13.5 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, Goods 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 goods 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 any 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.

#### Supplies Branch; Tender No. SB/8/2013/2014: Supply of Trucks, High Sided, 4×4

#### **Section IV** - **Special Conditions of Contract**

- **4.0** 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 those in the GCC.
- **4.1** The participating tenderer is expected to furnish the Procuring Entity with the following documents / information **pursuant to clause 2.12 of the Instructions to Tenderers**: -
  - (a) Valid Trade License/s, copies to be attached
  - (b) Reliable communication services e.g. fixed line telephone, fax, P.O. Box etc.
  - (c) Evidence of past performance copies of local purchase orders (LPOs) from established organizations to be attached, if any.
  - (d) The Tenderer <u>MUST</u> posses a Certificate of Incorporation or Certificate of Registration of Business Name, Copy <u>MUST</u> be attached.
  - (e) The Tenderer <u>MUST</u> posses' valid Value Added Tax (VAT) Certificate and PIN N°., Copies **MUST** be attached.
  - (f) Valid Tax compliance certificate, Copies <u>MUST</u> be attached.
  - (g) Copy of Registration Certificate from the Insurance Regulatory Authority for candidates using insurance guarantee as tender security.
  - (h) Sample / Technical Brochure or Catalogue MUST be submitted for each item offered.
- **4.2** Form of Tender and confidential business questionnaire MUST be dully filled by the applicant / an authorized representative.
- **4.3** Tenderers <u>MUST</u> submit a set of two (2) Samples (if applicable) bearing KEBS diamond mark of quality or any other relevant recognized Standardization mark. Tenderers who does not qualify for contract award and may wish to collect their samples and shall do so within a period of thirty (30) days of Tender Notification.
- **4.4** Tenderers shall be required to furnish a Tender / Bid Security of KShs. 100,000 (Kenya Shillings One Hundred Thousand Only) payable in bankers' cheque or cash to the Principle Secretary, Ministry of Transport and Infrastructure, Housing and Urban Development or a bid bond from a Commercial Bank / Eligible Insurance Company in the format provided in the Tender Documents to remain in force for a period of One Hundred and Fifty (150) days from the closing date of the tender.
- **4.5** Prices quoted should be net inclusive of all taxes and delivery must be in Kenya Shillings and shall remain valid for <u>One Hundred and Twenty (120)</u> days from the closing date of the tender.
- **4.6** Tenderers shall be required to provide <u>a manufacturer's authorization in the format prescribed in section VIII.</u> The said manufacturer's authorization should also be accompanied by relevant guarantees and warranty. Franchise holders <u>MUST</u> provide authorization from principal Manufacturers in the format prescribed in Section VIII.

- **4.7** Original manufacturers' brochures containing technical data must accompany all equipment quoted. Web site down load will not be acceptable unless they are original manufacturer's PDF format. Samples MUST be submitted to Supplies Branch's Procurement Office a day before the tender closing date.
- **4.8** Tenderers shall be required to provide evidence of financial stability for at least three years. These should be in form of Audited Financial Statements and / or Bank Statements. Failure to submit the evidence may render the tender non-responsive.
- 4.9 Tenderers shall be required to submit their offers in a set of two copies each one marked "ORIGINAL OFFER" and the other "COPY OF OFFER". The original and copy shall be sealed in separate envelopes duly marked as "ORIGINAL" and "COPY". In those Offers, the tenderer will also be required to park the TECHNICAL DATA and the FINANCIAL DATA separately from one another, so as to enable Technical and Financial Evaluations to be conducted independently. The envelopes shall then be sealed in one plain unmarked outer envelope bearing only the tender number pursuant to clause 2.16 of the Instructions to Tenderers.

#### **4.10** <u>Delivery</u>

Delivery shall be on "as and when required" basis to Ministries / Departments & Institutions. (See clause 10 of the General Conditions of Contract)

#### **4.11 Payment**

This being a tender for the supply of Microbus Ambulance, Deisel (Compartibility Model) to the government / Departments & Institutions for a period of Two (2) years commencing from the date of Contract Signing, respective Ministries / Departments & Institutions shall pay directly to the contractor on receipt of goods ordered, which in any case shall be within 45 days of receipt. (See clause 3.12 of the General Conditions of Contract)

- **4.12** Goods supplied against the contract proceeding from this procurement shall be fully insured against loss, damage incidental to manufacture or acquisition, transportation, storage and delivery to the tune of 110% of the contract value and the procuring entity will not be liable for any damage or loss prior to delivery (See clause 3.11 of the General Conditions of Contract).
- **4.13** Successful tenderers shall be required to submit a performance security of KShs. 150,000 (Kenya Shillings One Hundred and fifty Thousands only) on receipt of a letter of notification of award in accordance with clause 3.7 of the General Conditions of Contract.
- **4.14** Prices quoted <u>SHALL BE IN KENYA SHILLINGS</u> and should include all costs of shipment and handling until the goods are actually received at the respective Procuring Entity's premises.

- 4.15 TENDERERS ARE REQUIRED TO ENSURE THAT ALL PAGES OF THEIR TENDER DOCUMENTS ARE PROPERLY SERIALIZED AND STAMPED/SIGNED AND THE DOCUMENT SHOULD BE PROPERLY BOUND. LOOSE TENDER DOCUMENTS WILL BE DECLARED NON RESPONSIVE.
- **4.16** Blacklisted and suspended firms are not eligible for this procurement.
- **4.17** Each tenderer must attach to the tender document a copy of the official receipt issued from the cash office for the purchase of the tender document.
- **4.18** TENDERERS ARE ADVISED TO QUOTE THEIR BID PRICES IN THE ORIGINAL PRICE SCHEDULE PROVIDED IN THIS TENDER DOCUMENT. INTRODUCTION OF A PRICE SCHEDULE DIFFERENT FROM THE ONE PROVIDED IN THIS DOCUMENT IN SECTION (VI) WILL LEAD TO DISQUALIFICATION.
- **4.19** All items to be supplied must be properly marked, or imprinted **GOK**.
- **4.20** Tenderers shall not change the technical specifications specified in section (V) of this tender document.
- **4.21** Test Runs, Training of Procuring entity's staff

The successful bidder, or his local service organisation or Agent, will, after the delivery of the Bid items at the delivery point, assist the procuring entity and furnish the necessary instructions in relation to the test running and commissioning of the Bid items.

The successful tenderer will furnish assistance in the training of operator/driver and maintenance staff for the bid items. This shall be considered as after sales service.

**4.22** The tenderers (applicants) shall be required to prepare and submit **TECHNICAL DATA SHEET FORM** for each item quoted showing how it has met the requirements outlined in this Tender Document. **FAILURE TO SUBMIT THIS IMPORTANT DOCUMENT TO THE PROCURING THE ENTITY WILL LEAD TO DISQUALIFICATION.** 

### **4.23** Special conditions of contract as relates to the GCC

REFERENCE OF GCC	SPECIAL CONDITIONS OF CONTRACT	
3.7.1 Performance security	This shall be KShs. 150,000.00 (Kenya Shillings One Hundred	
	and Fifty only.	
3.10.1 Delivery of goods	The delivery period for the goods shall be within a period of 30	
	days and not exceeding 45 days on placing an LPO unless	
	specifically indicated by the respective procuring entity	
3.12.1 Terms of payment	Payment shall be made after full delivery of goods as prescribed	
	in the LPO.	
3.13.1 Prices	The prices offered shall be fixed for the period stated in the	
	Tender Invitation.	
2.25.1 Preference	Preference-: 30% preference will be given to tenders submitted	
	by Business Enterprises owned by Youth, Women and Persons	
	with Disabilities.	

2.24.5.E.(i)Technical compliance	Determined by the information given by the tenderer. Minor deviation from the specification may be allowed. A maximum of <b>30 points</b> will be allotted to the tenderer whose equipment meet all the specifications.
(ii) Spare parts availability	This is to be determined by the information supplied by the tenderer as regards to local firms that deal with stocking of spare parts for the make of equipment and physical check on these dealers may be done to confirm availability of spares whose equipment spare parts dealership is proven that will earn 5 points.
(iii) Workshop facilities and after sales service	This is to be determined from information supplied by the tenderer as well as physical checks and the procuring entities past experience. A maximum of <b>5 points</b> will be allotted for quantity and quality of servicing facilities as well as efficiency and reliability of the service rendered by the appointed local agent.

(iv) Performance rating	A maximum of <b>5 points</b> will be allotted to tenderers on the basis of recorded past performance of equipment in the Country. Points covered will be reliability, life expectancy and suitability for local working conditions and tenderer's past record. A point will be awarded for each of the factors.		
(v) Manufacturer's warranty	This is to be determined from information supplied by the tenderer. This will be on the duration of warranty with a maximum of <b>5 points</b> being allotted to the tenderer with a warranty, as indicated in that particular specification. This is important and mandatory as failure to provide warranty will mean automatic disqualification. Warranty has to be supported by equipment manufacturer.		
(vi) Concurrence with vehicle and plant standardisation	A maximum of <b>2 points</b> will be allotted to tenderers on the basis of standardisation with current Government fleet, with the most populous make scoring 2 points and all other tenderers by proportion to their numbers.		
(vii) <u>Dealership</u>	To be determined by information supplied by the tenderer as well as past experience of the procuring entity. Proven dealership will be allotted <b>3 points</b> and equipment with no local dealer or agent will be disqualified.		
(viii) Environmental compatibility	Environmental compatibility will earn a maximum of <b>5 points</b> basing on		

# Section V - Schedule of Requirements

## **Supply of Microbus, Ambulance, Diesel**

(THIS BID FORM TO BE FILLED BY ALL TENDERERS)

Name of tenderer			Tender Number			_Page of		
ITEM NO.	ITEM DESCRIPTION	UNIT OF ISSUE	QUANTITY	DUTY FREE UNIT PRICE (KShs.)	DUTY PAID UNIT PRICE (KShs.)	INCIDENTAL COSTS	TOTAL DUTY FREE UNIT PRICE (KShs.)	TOTAL DUTY PAID UNIT PRICE (KShs.)
i)	Microbus, Ambulance, Diesel	NO.	As and When Required					
ii)	Single Cab Pickup 4x4, 2400-3200cc, Ambulance	NO.	As and When Required					
iii)	Heavy Duty Ambulance, 4x4, 4000-4200cc, Diesel	NO.	As and When Required					
iv)	Single Cab Pickup, 4x4, 2400-3200cc, Ambulance with Fiber Glass Body	NO.	As and When Required					
v)	v) Heavy Duty Ambulance, 4x4, 4000-4200cc, Diesel with Fiber Glass body	NO.	As and When Required					
vi)	Ambulance, Medium Size, Diesel	NO.	As and When Required					
	gnature of Tendo authorized Offici							
(1.3			ame			Signatur	re I	<b>D</b> ate

Note: Actual Item Quantities have no Contractual Obligation.

#### SECTION VI - TECHNICAL SPECIFICATIONS

#### 5.1 General

- 5.1.1 These specifications describe the requirements for goods. Tenderers are requested to submit with their offers the detailed specifications, drawings, catalogues, etc for the products they intend to supply
- 5.1.2 Tenderers must indicate on the specifications sheets whether the equipment offered comply with each specified requirement.
- 5.1.3 All the dimensions and capacities of the equipment to be supplied shall not be less than those required in these specifications. Deviations from the basic requirements, if any shall be explained in detail in writing with the offer, with supporting data such as calculation sheets, etc. The procuring entity reserves the right to reject the products, if such deviations shall be found critical to the use and operation of the products.
- 5.1.4 The tenderers are requested to present information along with their offers as follows:
  - (i) Shortest possible delivery period of each product.
  - (ii) Information on proper representative and/or workshop for back-up service/repair and maintenance including their names and addresses.

#### TECHNICAL SPECIFICATIONS PARTICULARS

(See a set sheets of technical specifications attached at the back of this document)

	IICROBUS, AMBULANCE, DIESEL			
NO. S	SPECIFICATION NO.	DESCRIPTION		
	MTD-979-044-16	MICROBUS, AMBULANCE., DIESEL		
		SINGLE CAB PICK UP 4X4 2400-3200cc AMBULANCE		
MTD-1102-401-16		HEAVY DUTY AMBULANCE 4X4 4000-4200cc DIESEL		
ı	MTD-1661-401-16	SINGLE CAB PICK UP 4X4 2400-3200cc AMBULANCE WITH FIBRE GLASS BODY		
ľ	MTD-1662-401-16 MTD-1856-401-16 MTD-2102-401-16	HEAVY DUTY AMBULANCE 4X4 4000-4200cc DIESEL WITH FIBRE GLASS BODY SINGLE CAB PICK UP AMBULANCE 4X4 2200- 3200cc, DIESEL. HEAVY DUTY AMBULANCE 4X4 L.W.B, 2900-		

MTD-979-044-16	MICROBUS, AMBULANCE, DIESEL
MTD-1856-401-16	SINGLE CAB PICK UP 4X4 2200-3200CC
	AMBULANCE

### 1. MTD-979-044-16 MICROBUS, AMBULANCE, 2400-2800cc, DIESEL

	SPECIFICATION	REQUIREMENT	TENDERER'S
	MAKE	-	
	MODEL	-	
	COUNTRY OF ORIGIN	-	
	MANUFACTURER'S LITERATURE , AUTHORITY AND SPECIFICATIONS SUPPLIED	Yes mandatory	(Y/N)
1.	GENERAL		
a)	A Standard production 4 door micro bus ambulance of latest design in current production.	Yes, Yes, Yes	(Y/N)
b)	Supplied new.	Yes	(Y/N)
c)	Designed to heavy duty export specifications, suitable of operating in tropical conditions	Yes, Yes	(Y/N)
d)	Suitable for patients transportation over paved and un-paved (rough) roads.	Yes	(Y/N)
e)	To be built as a two stretcher ambulance.	Yes	(Y/N)
2.	DIMENSIONS AND WEIGHTS		
a)	Overall length, approx.	4,700mm	mm
b)	Overall width, approx.	1,700mm	mm
c)	Overall height, approx.	2,000mm	mm
d)	Wheelbase, approx.	2,500mm	mm
e)	Max. G.V.W, approx.	2,700Kg	kg
f)	Kerb weight, approx.	1,500Kg	kg
g)	Passenger room height, min.	1,370mm	mm

h)	Passenger room length, min.	3020mm	mm
3.	ENGINE		
a)	Make	-	
b)	Model	-	
c)	Country of origin	-	
d)	Engine performance curves supplied.	Yes _	(Y/N)
e)	Engine type, Diesel	Yes	(Y/N)
f)	4 Stroke, water cooled.	Yes, Yes	(Y/N)
g)	Piston displacement range.	2,400-2,800cc	cc
h)	Number of cylinders	4	
i)	Maximum power output, /rpm.	70 Kw 4,800rpm	Kw rpm
j)	Maximum torque developed /rpm.	175Nm/2,800rpm	Nm rpm
k)	Air filter, disposable/oil bath	specify	
1)	Oil and fuel filter type	Disposable	
m)	Average fuel consumption (on full load) at a) Urban driving	specify	Km/l
	b) Steady 50Km/h	specify	Km/l
	c) Steady 80Km/h	specify	Km/l
n)	Fuel tank capacity, approx.	60Lt	Lt
o)	Extra fuel tank fitted.	specify	
4.	CLUTCH AND TRANSMISSION		
a)	Clutch, coil spring type, dry single plate,	specify	
b)	All synchromesh gearbox.	Yes	(Y/N)
c)	Gear speeds, min	4F,1R	
5.	BRAKES AND TYRES		
a)	Brakes, hydraulic - internal expanding drum	Yes, Yes	(Y/N)
b)	Mechanical parking brake, to act on rear wheels	Yes _	(Y/N)
c)	Locally available single purpose tires	Yes _	(Y/N)
d)	Optimum tire size	600-13,8PR	

#### SUSPENSION AND STEERING 6. Independent, heavy duty front and rear suspension Yes, Yes (Y/N)a) b) Heavy duty leaf and coil springs with hydraulic specify front rear (telescopic) shock absorbers. Assisted steering Yes (Y/N)c) d) Right Hand drive steering Yes (Y/N)7. ELECTRICAL SYSTEM AND INSTRUMENTS System voltage, negative earth, with alternator a) charging 12V, Yes, Yes Battery capacity, approx. 1x12V, 50Ah b) (Y/N)c) Full lighting to conform to Cap 403 Yes Subs.23-Kenya Traffic Act. Standard instruments and gauges (or warning d) Yes (Y/N)lights) for charging circuit, oil pressure, coolant temperature etc. SPECIAL FITTINGS One full length (on one side) stretcher carrier to fit \_\_\_\_ (Y/N) Yes a) and lock (in position) one standard hospital stretcher, above wheel arch. Specify material Material b) Standard hospital stretcher fitted. .size size 550mmx1900mm 2 piece foldable foam bench with hard wearing Yes (Y/N)c) water proof uphostery, to be able to seat patients, or take one lying down, supplied with back rest, and lockers underneath. Full length chrome plated roof hand rail fitted. Yes (Y/N)d) 2no.internal grip handles fitted at rear to support Yes e) (Y/N)patients entering the ambulance. Seats with safety belts conforming f) Yes (Y/N)to KEBS 06-664: 1985 standard, fitted at front of ambulance for attendants with space underneath for first aid kit. Two tone siren fitted. Yes (Y/N)g) Amber, turning (flasher) lamps, mounted on the 1 h) ambulance roof. min.

(Y/N)

Yes

Buzzer fitted in cabin, to be operated from the

front of the ambulance cell.

i)

j)	2no. roof lamps(one above attendants seat and other above stretcher) with independent switches fitted in ambulance.	Yes	(Y/N)
k)	2x12V sockets, plugs and switches fitted conveniently in ambulance cell.	Yes	(Y/N)
1)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)
m)	Drinking water tank fitted in ambulance, stainless steel, round, capacity.	Yes,10litres	(Y/N)
n)	Search (spot) light fitted at front, operated by the driver.	Yes	(Y/N)
o)	Rear search (spot) light fitted.	Yes	(Y/N)
p)	Sliding-hook for Intravenous apparatus fitted laterally at centre of ambulance.	Yes	(Y/N)
q)	First aid kit supplied.	Specify size, type and list items	
r)	Oxygen unit set with medium size oxygen cylinder, pressure regulator, flow meter, mucus aspirator and inhalation mask supplied.	Yes Specify make, details and attach literature	(Y/N)
t)	Partition panel between driver and patient compartment fitted.	Yes	(Y/N)
u)	Linoleum on plywood floor fitted.	Yes	(Y/N)
v)	Secure, lockable spare wheel carrier fitted on ambulance roof or any other convenient place.	Yes	(Y/N)
w)	Fire extinguisher supplied.	Yes	(Y/N)
9	IDENTIFICATION MARKS		
a)	Rear, left and right sides to be fitted with suitable size cross sign.	Yes	(Y/N)
b)	Front ambulance window to have illuminated AMBULANCE sign above it.	Yes	(Y/N)
9.	EQUIPMENT (ACCESSORIES) ETC		
a)	Heavy duty front fender, fitted	Yes	(Y/N)
b)	Jack, wheel brace and manufacturer's standard tools, supplied.	Yes	(Y/N)
c)	Sunvisors supplied, 2no.	Yes	(Y/N)
d)	Rear view mirrors supplied, 2no. external, 1no. internal.	Yes	(Y/N)
e)	FM, MW, SW radio fitted.	Yes	(Y/N)
f)	CD changer fitted.	Yes	(Y/N)

c)	Any other equipment supplied.	specify	
10.	WARRANTY	specify	
a)	Each vehicle supplied should carry a statement of warranty.	Yes	(Y/N)
b)	Vehicle warranty min., 40,000 Km or 12 Months whichever occurs first.	specify	Km Months
11.	MANUALS		
a)	All literature in English language	Yes	(Y/N)
b)	Repair Manual, supplied.	1 per Vehicle	(Y/N)
c)	Parts catalogue, supplied	One set per vehicle	(Y/N)
d)	Drivers handbook and service schedule supplied.	1 per Vehicle	(Y/N)
12.	OTHER REQUIREMENT		
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act and to have a certificate from the vehicle inspection centre.	Yes (Mandatory)	(Y/N)
b)	Ambulance to be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	(Y/N)
c)	Vehicle to be registered with the registrar of motor vehicles.	Yes (Mandatory)	
d)	Firm@s Status: (Franchise holder/ Dealer/Agent)	Specify	
e)	Availability of spares	Indicate motor vehicle dealers who stock spare parts.	
f)	Indicate names and physical addresses of dealers/agents where back-up service can be obtained.	Specify	
g)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes (Mandatory)	(Y/N)

2. MTD - 1135 - 401 - 16 SINGLE CAB P/UP AMBULANCE, 4x4, L.W.B, 2400-3200cc, DIESEL

TENDERER'S Column to be completed by tenderer

SPECIFICATION	REC	UIRED	TENDERER'S	
SI LCH ICATION	KLQ	OIKLD	ILINDLINLIND	ıl

	Make	-	
	Model	-	
	Country of origin	-	
	Manufacturer's literature, authority and specifications supplied.	Yes (Mandatory)	(Y/N)
1.	GENERAL		
a)	A standard production, 4x4 diesel, single cab pick up ambulance of latest design in the class, robust construction in current production.	Yes,Yes,Yes	(Y/N)
b)	Supplied new.	Yes	(Y/N)
c)	Designed to heavy duty specifications, capable of operating in tropical conditions in extremes of mud and dust.	Yes,Yes	(Y/N)
d)	Most suitable for operating on both "on and off" road conditions.	Yes	(Y/N)
e)	Built and specially equipped to transport the sick / injured to and from hospital.	Yes	(Y/N)
2.	DIMENSIONS, WEIGHTS AND PERFORMANC	<u>CE</u>	
a)	Overall length, min.	4,400 mm	mm
b)	Overall width, approx.	1,700 mm	mm
c)	Overall height, approx.	1,800 mm	mm
d)	Wheelbase, approx.	3,000 mm	mm
e)	Max. G.V.W., approx.	2,500-3,500 Kg	Kg
f)	Kerb weight, approx.	1,500-2,100 Kg	Kg
g)	Pay load approx.	1,100-1,500Kg	Kg
h)	Turning radius, approx	6,000 mm	mm
3.	ENGINE		
a)	Make	-	
b)	Model	-	-
c)	Country of origin	-	
d)	Engine performance curves supplied.	Yes	(Y/
e)	Engine type Diesel, 4 Stroke.	Yes,Yes	(Y/
f)	Engine cooling system, water.	Yes	(Y/
g)	Piston displacement.	2,400 - 3,200 cc	

Specify

h)

Number of cylinders.

i)	Maximum power output / rpm, min.	55Kw/4000rpm	HP/rpm
j)	Maximum torque developed / rpm, min.	175NM/2000rpm	NM/rpm
k)	Air filter, disposable/oil bath	Specify	
1)	Oil and fuel filter type.	Disposable	
m)	Average fuel consumption (on full load) at a) Urban driving	Specify	Km/l
	b) Steady 50 Km/h	Specify	Km/l
	c) Steady 80 Km/h	specify	Km/l
n)	Fuel tank capacity, approx.	75 Lt	Lt
o)	Extra fuel tank fitted.	Yes	(Y/N)
	Capacity	specify	Lt
4.	<b>CLUTCH AND TRANSMISSION</b>		
a)	Clutch type, dry, single plate diaphragm type.	Yes, Yes, Yes	
b)	Hydraulic, clutch actuation.	Yes	(Y/N)
c)	Manual I synchromesh gearbox	Yes	(Y/N)
d)	Transmission speeds	5F/1R	speed
e)	Limited slip differential/Differential lock.	Yes	(Y/N)
f)	Freewheeling (front) hubs fitted.	Yes	(Y/N)
g)	Drive configuration	4x4	(Y/N)
5.	BRAKES AND TYRES		
a)	Hydraulic actuation with anti lock braking system (Abs).	Yes	(Y/N)
b)	Brakes, disc at front or all round	Specify front	
		Rear	
c)	Mechanical Parking brake, to act on rear wheels	Yes	(Y/N)
d)	Tire (size) locally available.	Yes	(Y/N)
e)	Optimum tire size.	Specify	
6.	SUSPENSION AND STEERING		
a)	Independent Heavy duty front and rear suspension.	Yes	(Y/N)
b)	Heavy-duty coil springs with telescopic dampers.	Yes	
c)	Power steering.	Yes (Mandatory)	
d)	Right hand drive steering.	Yes	(Y/N)

7.	ELECTRICAL SYSTEM AND INSTRUMENTS		
a)	System voltage, negative earth, with alternator charging.	12V, Yes	(Y/N
b)	Battery capacity.	1x12V,80AH	AI
c)	Full lighting to conform to Cap.403 Subs.23 Kenya Traffic Act.	Yes	(Y/N
d)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes, Yes,Yes	(Y/N
8	<u>EQUIPMENT</u>		
a)	Heavy duty front fender fitted.	Yes	(Y/N
b)	Heavy duty towing hitch and hook at rear and front respectively.	Yes	(Y/N
c)	Sunvisors supplied.	Yes	(Y/N
d)	Rear view mirrors, external 2 No. and inside 1 No. supplied.	Yes,Yes	(Y/N
e)	Spare wheel and external carrier with lock fitted.	Yes	(Y/N
f)	Manufacturer's standard tools supplied.	Yes,Yes	(Y/N
g)	Cab to seat 3 comfortably, drivers seat adjustable and safety belts provided for all forward facing seats to conform to KEBS 06-664:1985 STANDARD.	Yes, Yes, Yes Mandatory	(Y/N
h)	Extra heavy duty suspension - ie 4 and 2 double traction shock absorbers at rear and front respectively.	Yes	(Y/N
i)	Air conditioner	Yes	(Y/N
j)	Suitable jack and wheel spanner provided	Yes	(Y/N
k)	Radio system with FM, MW, SW/CD changer	Yes	(Y/N
B 9.	BODY CONSTRUCTION GENERAL		
a)	Detailed engineering drawings of body supplied.	Yes <b>Mandatory</b>	(Y/N
b)	An all steel /Aluminium / light alloy fabricated body.	Yes Specify material	(Y/N
c)	All body construction and installations to comply with the chassis manufacturer's specifications	Yes	(Y/N
10.	BODY DIMENSIONS		•
a)	Outside Length appr.	1700mm	mn

1700mm

b)	Outside width appr.	1450mm	mm
c)	Inside height appr.	1500mm	mm
11.	BODY CONSTRUCTION		
a)	Body panels to be suitably secured by sealed rivets/spot welding	Specify method	
b)	Lockable (with key from inside and outside) 1No. door fitted at the rear of the body. i) Height, approx. ii) Width, approx.	1200mm 800mm	mm mm
c)	Rear door suitably hinged and to open outwards.	180°	o
d)	Non-slip (chequered) steps provided for all doors.	Yes	(Y/N)
e)	Sliding windows at each side i) Number ii) Height iii) Width	2no. 540mm 750mm	no. mm mm
f)	Windows to be suitably reinforced with a metal grill.	Yes	Y/N
g)	Non-opening window to be fitted on the rear door.	specify window dimensions.	
12.	OTHER CONSTRUCTION DETAILS.		
a)	Roof reinforced at two positions, equidistant from roof centre lengthwise.  Body rear, and doors suitably reinforced. (to be	400mm	mm
b)	shown on the drawing)	Yes	(Y/N)
c)	Provide runner to channel away water.	Yes	(Y/N)
d)	Any other reinforcements.	Specify	
C. 13.	SPECIAL FITTINGS AND EQUIPMENTS	L	
a)	One full length detachable stretcher fitted	Yes	(Y/N)
b)	1 piece foldable foam bench with hard wearing water proof upholstery and able to seat at least 4 people.	Yes	(Y/N)
c)	Full length chrome plated roof hand rail fitted.	Yes	(Y/N)
d)	2no.internal grip handles fitted at rear to support patients entering the ambulance.	Yes	(Y/N)
e)	Two tone siren fitted.	Yes	(Y/N)
f)	Amber, turning (flasher) lamps, mounted on the ambulance roof.	Yes	(Y/N)

g)	Buzzer fitted in cabin, to be operated from the front of the ambulance cell.	Yes	(Y/N)
h)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)
i)	Sliding-hook for Intravenous apparatus fitted laterally at centre of ambulance.	Yes	(Y/N)
j)	First aid kit supplied.	Specify size, list items	
k)	Oxygen unit set with medium size oxygen cylinder, pressure regulator, flow meter, and mucus aspirator and inhalation mask supplied. (1.8m <sup>3</sup> capacity)	Yes Specify size, list items, attach brochures	(Y/N)
1)	Secure, lockable spare wheel carrier fitted on ambulance roof or any other convenient place.	Yes	(Y/N)
m)	Fire extinguisher supplied.	Yes Specify size, type	(Y/N)
n)	Drip Stand/flowmetre	Yes, Specify size, type, attach brochures	(Y/N)
o)	Stainless steel metal bin, 9 lts	Yes	(Y/N)
p)	Curtain rails with curtains.	Yes	(Y/N)
q)	Flow metre supplied.	Yes Specify size, type, attach brochure	(Y/N)
r)	First Aid Kit supplied.	Yes Specify size, type, list items	(Y/N)
s)	Removable wash hand basin.	Yes	(Y/N)
t)	Medical equipment storage facility.  a) Under bench seats b) Cardboard with necessary compartments.	Yes	(Y/N)
14	IDENTIFICATION MARKS		
a)	Rear, left and right sides to be fitted with suitable size cross sign.	Yes	(Y/N)
b)	Front ambulance window to have illuminated <b>AMBULANCE</b> , sign on it.	Yes <b>Mandatory</b>	(Y/N)
15)	BODY FINISH AND PAINTING	,	
a)	All exterior body panels made non-corrosive and all external steel / metal fittings to be galvanized or painted, (colour to be specified by user).	Yes,Yes	(Y/N)
b)	Anti-rust compound applied under body for seaside operation.	Yes Specify compound	(Y/N)
16.	WARRANTY		
	Specimen of warranty to be submitted when		

a)	tendering.	Yes	(Y/N)
b)	Each vehicle/equipment supplied to carry a statement of warranty.	Yes <b>Mandatory</b>	(Y/N)
c)	Warranty duration min, 12 Months or 40,000 Km whichever occurs first.	Specify	Months
17.	MANUALS		
a)	All literature in the English language.	Yes	(Y/N)
b)	Repair manuals/CD supplied.	Specify which available 1 per vehicle/equipment  Mandatory	(Y/N)
c)	Parts catalogue/CD supplied.	Specify which available 1 per vehicle/equipment  Mandatory	(Y/N)
d)	handbooks and service schedule supplied.	1 per vehicle/equipment	(Y/N)
18.	OTHER REQUIREMENTS		
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act and have a certificate from the vehicle inspection unit.	Yes <b>Mandatory</b>	(Y/N)
b)	Body builders to have truck body inspected (by Certifying officer, Vehicle Inspection Unit) for compliance with Traffic Act prior to delivery to user.	Yes	(Yes/No)
c)	Vehicle to be inspected by the Chief Mechanical and Transport Engineer for compliance with the specifications during body construction and prior to delivery to the user.	Yes <b>Mandatory</b>	(Y/N)
d)	Chevrons and reflectors fitted on rear to conform to Kenya Traffic Act.	Yes	(Yes/No)
e)	Franchise holder (representative in Kenya) If not, specify relationship with the Franchise holder	Yes Specify whether agent/dealer	(Y/N)
f)	Availability of spares.	Indicate dealers who stock spare parts.	
g)	Names and addresses of dealers/agents where back- up service can be obtained indicating the location of the workshop facilities.	Specify	
h)	Firm to offer local training services for the drivers on daily maintenance checks and operation of the vehicle for a minimum of two days.	Yes Specify number of days.	(Y/N)

## **3.** MTD - 1102 - 401 - 16 HEAVY DUTY AMBULANCES, 4x4, L.W.B., 4,000-4,200cc, DIESEL

TENDERER'S Column to be completed by tenderer TENDERERS

	IDERER'S Column to be completed by tenderer TENDERS SPECIFICATION	REQUIRED	TENDERER'S
	Make	-	
	Model	-	
	Country of origin	-	
	Manufacturer's literature, authority and specifications supplied.	Yes (Mandatory)	(Y/N)
1.	GENERAL		
a)	A standard production, 4x4 diesel ambulance of latest design in the class, robust construction in current production.	Yes,Yes,Yes	(Y/N)
b)	Supplied new.	Yes	(Y/N)
c)	Designed to heavy duty specifications, capable of operating in tropical conditions in extremes of mud and dust.	Yes,Yes	(Y/N)
d)	Most suitable for operating on both "on and off" road conditions.	Yes	(Y/N)
e)	Built and specially equipped to transport the sick / injured to and from hospital.	Yes	(Y/N)
2.	DIMENSIONS, WEIGHTS AND PERFORMANCE		
a)	Overall length, approx.	5,000 mm	mm
b)	Overall width, approx.	1,700 mm	mm
c)	Overall height, approx.	1,800 mm	mm
d)	Wheelbase, approx.	2,900 mm	mm
d) e)	Wheelbase, approx.  Max. G.V.W., approx.	2,900 mm 3,000 Kg	mm Kg
		•	Kg
e)	Max. G.V.W., approx.	3,000 Kg	Kg
e) f)	Max. G.V.W., approx.  Kerb weight, approx.	3,000 Kg 2,000 Kg	Kg
e) f)	Max. G.V.W., approx.  Kerb weight, approx.  Turning radius, approx	3,000 Kg 2,000 Kg	Kg
e) f) g)	Max. G.V.W., approx.  Kerb weight, approx.  Turning radius, approx  4.	3,000 Kg 2,000 Kg	Kg
e) f) g) 3.	Max. G.V.W., approx.  Kerb weight, approx.  Turning radius, approx  4.	3,000 Kg 2,000 Kg 6,000 mm	Kg
e) f) g)  3. a)	Max. G.V.W., approx.  Kerb weight, approx.  Turning radius, approx  4.  ENGINE  Make	3,000 Kg 2,000 Kg 6,000 mm	

e)	Engine type Diesel, 4 Stroke.	Yes,Yes	(Y/N)
f)	Engine cooling system, water.	Yes	(Y/N)
g)	Piston displacement.	4,000 - 4,200 cc	cc
h)	Number of cylinders.	6	No.
i)	Maximum power output / rpm, approx.	80Kw/4000rpm	HP/rpm
j)	Maximum torque developed / rpm, approx.	260NM/2000rpm	NM/rpm
k)	Air filter, disposable/oil bath	specify	
1)	Oil and fuel filter type.	Disposable	
m)	Average fuel consumption (on full load) at a) Urban driving	Specify	Km/l
	b) Steady 50 Km/h	Specify	Km/l
	c) Steady 80 Km/h	specify	Km/l
n)	Fuel tank capacity, approx.	75 Lt	Lt
o)	Extra fuel tank fitted.	Yes	(Y/N)
	Capacity	specify	Lt
4.	CLUTCH AND TRANSMISSION		
a)	Clutch type, dry, single plate diaphragm type.	Yes, Yes, Yes	
b)	Hydraulic, clutch actuation.	Yes	(Y/N)
c)	Manual I synchromesh gearbox,	Yes	(Y/N)
d)	Transmission speeds	5F/1R	speed
e)	4WD or with selector from 2WD to 4WD.	With selector	
f)	Limited slip differential/Differential lock.	Yes	(Y/N)
e)	Freewheeling (front) hubs fitted.	Yes	(Y/N)
g)	Drive configuration	4x4	(Y/N)
5.	BRAKES AND TYRES		
a)	Hydraulic actuation with anti lock braking system (Abs).	Yes	(Y/N)
b)	Brakes, disc at front or all round	Specify front	
		Rear	
c)	Mechanical Parking brake, to act on rear wheels	Yes	(Y/N)
d)	Tire (size) locally available.	Yes	(Y/N)
e)	Optimum tire size.	750-16, 12PR	(1/11)
<b>6.</b>	SUSPENSION AND STEERING	/30-10, 121 K	
	Independent Heavy duty front and rear suspension.	Yes	(V/N)
a) b)	• • • • • • • • • • • • • • • • • • • •	Yes	(Y/N)
b)	Heavy-duty coil springs with telescopic dampers.	168	

c)	Power steering.	Yes (Mandatory)	
d)	Right hand drive steering.	Yes	(Y/N)
7.	OTHER REQUIREMENT		
a)	All exterior body panels made non-corrosive and all external steel fitting to be galvanized or painted.	Yes,Yes	(Y/N
b)	Anti-rust compound applied to underbody for sea side operation.	Yes Specify compound	(Y/N
c)	Body finish, high gloss colour (to be specified by user)	Yes	(Y/N
	5.		
8.	ELECTRICAL SYSTEM AND INSTRUMENTS		T
a)	System voltage, negative earth, with alternator charging.	12V, Yes	(Y/N
b)	Battery capacity.	1x12V,80AH	AH
c)	Full lighting to conform to Cap.403 Subs.23 Kenya Traffic Act.	Yes	(Y/N
d)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes, Yes, Yes	(Y/N
9	EQUIPMENT		
a)	Heavy duty front fender fitted.	Yes	(Y/N
b)	Heavy duty towing hitch and hook at rear and front respectively.	Yes	(Y/N
d)	Sunvisors supplied.	Yes	(Y/N
e)	Rear view mirrors, external 2 No. and inside 1 No. supplied.	Yes,Yes	(Y/N
f)	Spare wheel and external carrier fitted.	Yes	(Y/N
h)	Manufacturer's standard tools supplied.	Yes,Yes	(Y/N
i)	Safety belts provided for all forward facing seats to conform to KEBS 06-664:1985.	Yes Mandatory	(Y/N
	Front dual airbags.	Yes	(Y/N
k)	E . 1 10 1 11	Yes	(Y/N
k) l)	Extra heavy duty suspension - ie 4 and 2 double traction shock absorbers at rear and front respectively.		
	traction shock absorbers at rear and front	Yes Mandatory	(Y/N

a)	One full length (on one side) stretcher carrier to fit and lock (in position) one standard hospital stretcher, above wheel arch.	Yes	(Y/N)
	Stretcher to made of non-corrosive, lightweight material.	Yes	(Y/N
b)	Hospital stretcher to have hardwearing water proof material (mattress) with a provision of patient safety belt.	Specify material.	
c)	2 piece foldable foam bench with hard wearing water proof upholstery, to be able to seat patients/attendance	Yes	(Y/N)
e)	2no. grip handles fitted at rear to support patients entering the ambulance.	Yes	(Y/N)
f)	Two tone siren fitted.	Yes	(Y/N)
g)	Amber, turning (flasher) lamp, mounted on the ambulance roof.	Yes	(Y/N)
h)	2no. roof lamps with independent switches fitted in ambulance.	Yes	(Y/N)
j)	4x12V sockets, plugs and switches fitted conveniently in ambulance cell.	Yes	(Y/N)
k)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)
1)	Drinking water tank fitted in ambulance.	Yes	(Y/N)
m)	Search (spot) light fitted at front, operated by the driver.	Yes	(Y/N)
n)	Rear search (spot) light fitted.	Yes	(Y/N)
o)	Sliding-hook for Intravenous apparatus fitted.	Yes	(Y/N)
p)	First aid kit supplied.	Yes Specify type and list items	(Y/N)
q)	Oxygen unit set with oxygen cylinder, pressure regulator, flow meter, and mucus aspirator and inhalation mask supplied. Oxygen cylinder capacity, approx. 3.5litre	Yes Specify make, size and attach brochures Yes	(Y/N)
r)	Linoleum on plywood floor fitted.	Yes	(Y/N)
s)	Secure, lockable spare wheel carrier fitted on ambulance roof or any other convenient place.	Yes	(Y/N)
t)	Suction unit 12V d.c operated supplied.	Yes, specify make ,type and attach brochures	(Y/N)
u)	Ambu bag with face mask supplied (for adults and Paediatrics)	Yes	(Y/N)
v)	Fire extinguisher supplied.	Yes, specify make, type and size	(Y/N)

11	IDENTIFICATION MARKS		
a)	Rear, left and right sides to be fitted with suitable size cross sign.	Yes	(Y/N)
b)	Front ambulance window to have illuminated <b>AMBULANCE</b> , sign on it.	Yes Mandatory	(Y/N)
12	WARRANTY		
a)	Specimen of vehicle warranty to be submitted when tendering.	Yes	(Y/N)
b)	Each vehicle supplied to carry a statement of warranty.	Yes Mandatory	(Y/N)
c)	Warranty duration min., 24 Months or 50,000 Km whichever occurs first.	specify	Months Km
П	13 MANUALS		,
a)	All literature in English language.	Yes	(Y/N)
b)	Repair manuals supplied.	Yes Mandatory	(Y/N)
c)	Parts catalogue supplied.	Yes Mandatory	(Y/N)
d)	Drivers handbook and service schedule supplied.	Yes Mandatory	(Y/N)
e)	Manufacturer's standard tool kit supplied.	Yes Mandatory	(Y/N)
14	OTHER REQUIREMENTS	<del>,</del>	
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes Mandatory	(Y/N)
b)	Pre delivery inspection to be done by the Chief Mechanical and Transport Engineer prior to delivery to the user	Yes Mandatory	(Y/N)
c)	Franchise holder (representative in Kenya) If not, specify relationship with the Franchise holder	Yes Specify whether agent/dealer	(Y/N)
d)	Availability of spares	Indicate motor vehicle dealers who stock spare parts	(Y/N)
e)	Names and addresses of dealers/agents where back- up service can be obtained indicating the location of the workshop facilities		

4. MTD - 1661 - 401 - 16 SINGLE CAB P/UP AMBULANCE, 4x4, L.W.B, 2200-3200cc, DIESEL WITH FIBRE GLASS BODY

### TENDERER'S Column to be completed by tenderer

	SPECIFICATION	REQUIRED	TENDERER'S
	Make	-	
	Model	-	
	Country of origin	-	
	Manufacturer's literature, authority and specifications supplied.	Yes (Mandatory)	(Y/N)
1.	GENERAL	(Manadatory)	
a)	A standard production, 4x4 diesel, single cab pick up ambulance, with fibre glass body of latest design in the class, robust construction in current production.	Yes,Yes,Yes (Mandatory)	(Y/N)
b)	Supplied new.	Yes	(Y/N)
c)	Designed to heavy duty specifications, capable of operating in tropical conditions in extremes of mud and dust.	Yes,Yes	(Y/N)
d)	Most suitable for operating on both "on and off" road conditions.	Yes	(Y/N)
e)	Built and specially equipped to transport the sick / injured to and from hospital.	Yes	(Y/N)
2.	DIMENSIONS, WEIGHTS AND PERFORMANC	<u>E</u>	
a)	Overall length, min.	4,400 mm	mm
b)	Overall width, approx.	1,700 mm	mm
c)	Overall height, approx.	1,800 mm	mm
d)	Wheelbase, approx.	2,900 mm	mm
e)	Max. G.V.W., approx.	2,800 Kg	Kg
f)	Kerb weight, approx.	1,700 Kg	Kg
g)	Pay load approx.	1,100Kg	Kg
h)	Turning radius, approx	6,000 mm	mm
3.	ENGINE		
a)	Make	-	
b)	Model	-	

c)	Country of origin	-	
d)	Engine performance curves supplied.		
		Yes	(Y/N)
e)	Engine type Diesel, 4 Stroke.	Yes,Yes	(Y/N)
f)	Engine cooling system, water.	Yes	(Y/N)
g)	Piston displacement.	2,400 - 3,200 cc	cc
h)	Number of cylinders.	Specify	No.
i)	Maximum power output / rpm, approx.	75Kw/4000rpm	HP/rpm
j)	Maximum torque developed / rpm, approx.	175NM/2000rpm	NM/rpm
k)	Air filter, disposable/oil bath	Specify	
1)	Oil and fuel filter type.	Disposable	
m)	Average fuel consumption (on full load) at a) Urban driving	Specify	Km/l
	b) Steady 50 Km/h	dy 50 Km/h Specify dy 80 Km/h specify	Km/l
	c) Steady 80 Km/h	1 1	Km/l
n)	Fuel tank capacity, approx.		Lt
0)	Extra fuel tank fitted.	Yes	(Y/N)
	Capacity	specify	Lt
4.	CLUTCH AND TRANSMISSION		
a)	Clutch type, dry, single plate diaphragm type.	Yes, Yes, Yes	
b)	Hydraulic, clutch actuation.	Yes	(Y/N)
c)	Manual I synchromesh gearbox	Yes	(Y/N)
d)	Transmission speeds	5F/1R	speed
e)	Limited slip differential/Differential lock.	Yes	(Y/N)
f)	Freewheeling (front) hubs fitted.	Yes	(Y/N)
g)	Drive configuration	4x4	(Y/N)
5.	BRAKES AND TYRES		
a)	Hydraulic actuation with anti lock braking system (Abs).	Yes	(Y/N)
b)	Brakes, disc at front or all round	Specify	
		front	
		Rear	
c)	Mechanical Parking brake, to act on rear wheels	Yes	(Y/N)
d)	Tire (size) locally available.	Yes	(Y/N)
e)	Optimum tire size.		

		Specify	
6.	SUSPENSION AND STEERING		
a)	Independent Heavy duty front and rear suspension.	Yes	(Y/N)
b)	Heavy-duty coil springs with telescopic dampers.	Yes	
c)	Power steering.	Yes ( <b>Mandatory</b> )	
d)	Right hand drive steering.	Yes	(Y/N)
7.	ELECTRICAL SYSTEM AND INSTRUMENTS		
a)	System voltage, negative earth, with alternator charging.	12V, Yes	(Y/N)
b)	Battery capacity.	1x12V,80AH	AH
c)	Full lighting to conform to Cap.403 Subs.23 Kenya Traffic Act.	Yes	(Y/N)
d)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes, Yes,Yes	(Y/N)
8	EQUIPMENT		
a)	Heavy duty front fender fitted.	Yes	(Y/N)
b)	Heavy duty towing hitch and hook at rear and front respectively.	Yes	(Y/N)
c)	Sunvisors supplied.	Yes	(Y/N)
d)	Rear view mirrors, external 2 No. and inside 1 No. supplied.	Yes,Yes	(Y/N)
e)	Spare wheel and external carrier with lock fitted.	Yes	(Y/N)
f)	Manufacturer's standard tools supplied.	Yes,Yes	(Y/N)
	Cal. 4 4.2	Yes, Yes, Yes	(Y/N)
g)	Cab to seat 3 comfortably, drivers seat adjustable and safety belts provided for all forward facing seats to conform to KEBS 06-664:1985 STANDARD.	<b>Mandatory</b>	(1/11)
g) h)	and safety belts provided for all forward facing seats	, ,	(Y/N)
h)	and safety belts provided for all forward facing seats to conform to KEBS 06-664:1985 STANDARD.  Extra heavy duty suspension - ie 4 and 2 double traction shock absorbers at rear and front respectively.  Air conditioner	Mandatory	
h)	and safety belts provided for all forward facing seats to conform to KEBS 06-664:1985 STANDARD.  Extra heavy duty suspension - ie 4 and 2 double traction shock absorbers at rear and front respectively.	<b>Mandatory</b> Yes	(Y/N)

### **B BODY CONSTRUCTION**

9. GENERAL

a)	Detailed engineering drawings of body supplied.	Yes <b>Mandatory</b>	(Y/N)
b)	With a fibre glass pick up body.	Yes	(Y/N)
	All body construction and installations to comply	Mandatory	
c)	with the chassis manufacturer's specifications	Yes	(Y/N)
10.	BODY DIMENSIONS		1
a)	Outside Length appr.	1700mm	mm
b)	Outside width appr.	1450mm	mm
c)	Inside height appr.	1500mm	mm
11.	BODY CONSTRUCTION		
a)	Body to be suitably fabricated with fibre glass	Yes	(Y/N)
b)	Lockable (with key from inside and outside) 1No. door fitted at the rear of the body. i) Height, approx. ii) Width, approx.	1200mm 800mm	mm mm
c)	Rear door suitably hinged and to open outwards.	180°	0
d)	Non-slip (chequered) steps provided for all doors.	Yes	(Y/N)
e)	Sliding windows at each side i) Number ii) Height iii) Width	2no. 540mm 750mm	no. mm mm
f)	Windows to be suitably reinforced with a metal grill.	Yes	Y/N
g)	Non-opening window to be fitted on the rear door.	specify window dimensions.	
12.	OTHER CONSTRUCTION DETAILS.		•
a)	Roof reinforced at two positions, equidistant from roof centre lengthwise.	400mm	mm
b)	Body rear, and doors suitably reinforced. (to be shown on the drawing)	Yes	(Y/N)
c)	Provide runner to channel away water.	Yes	(Y/N)

d)	Any other reinforcements.	Specify	
C. 13.	SPECIAL FITTINGS AND EQUIPMENTS		
a)	One full length detachable stretcher fitted	Yes	(Y/N)
b)	1 piece foldable foam bench with hard wearing water proof upholstery and able to seat at least 4 people.	Yes	(Y/N)
c)	Full length chrome plated roof hand rail fitted.	Yes	(Y/N)
d)	2no.internal grip handles fitted at rear to support patients entering the ambulance.	Yes	(Y/N)
e)	Two tone siren fitted.	Yes	(Y/N)
f)	Amber, turning (flasher) lamps, mounted on the ambulance roof.	Yes	(Y/N)
g)	Buzzer fitted in cabin, to be operated from the front of the ambulance cell.	Yes	(Y/N)
h)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)
i)	Sliding-hook for Intravenous apparatus fitted laterally at centre of ambulance.	Yes	(Y/N)
j)	First aid kit supplied.	Specify size, type and list items	
k)	Oxygen unit set with medium size oxygen cylinder, pressure regulator, flow meter, and mucus aspirator and inhalation mask supplied. (1.8m <sup>3</sup> capacity)	Yes Specify make, size, type , list items and attach brochures	(Y/N)
	Secure, lockable spare wheel carrier fitted on		
1)	ambulance roof or any other convenient place.	Yes	(Y/N)
m)	Fire extinguisher supplied.	Yes Specify type and size	(Y/N)
n)	Drip Stand/flowmetre	Yes Specify type and size, attach brochure	(Y/N)
0)	Stainless steel metal bin, 9 lts	Yes	(Y/N)
p)	Curtain rails with curtains.	Yes	(Y/N)
q)	Flow metre supplied.	Yes	(Y/N)
r)	First Aid Kit supplied.	Yes Specify type, list items and size, attach	(Y/N)

		brochure	
s)	Removable wash hand basin.	Yes	(Y/N)
t)	Medical equipment storage facility.  a) Under bench seats b) Cardboard with necessary compartments.	Yes	(Y/N)
14	IDENTIFICATION MARKS		
a)	Rear, left and right sides to be fitted with suitable size cross sign.	Yes	(Y/N)
b)	Front ambulance window to have illuminated <b>AMBULANCE</b> , sign on it.	Yes <b>Mandatory</b>	(Y/N)
15)	BODY FINISH AND PAINTING		
a)	All exterior body panels made non-corrosive and all external fittings painted, (colour of body to be specified by user).	Yes,Yes	(Y/N)
b)	Anti-rust compound applied under body for seaside operation.	Yes Specify compound	(Y/N)
16.	WARRANTY		
a)	Specimen of warranty to be submitted when tendering.	Yes	(Y/N)
b)	Each vehicle/equipment supplied to carry a statement of warranty.	Yes <b>Mandatory</b>	(Y/N)
c)	Warranty duration min, 12 Months or 40,000 Km whichever occurs first.	Specify	Months
17.	MANUALS		
a)	All literature in English language.	Yes	(Y/N)
b)	Repair manuals/CD supplied.	Specify which available 1 per vehicle/equipment Mandatory	(Y/N)
c)	Parts catalogue/CD supplied.	Specify which available 1 per vehicle/equipment Mandatory	(Y/N)
d)	handbooks and service schedule supplied.	1 per vehicle/equipment	(Y/N)
18.	OTHER REQUIREMENTS		
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act and have a certificate from the vehicle inspection unit.	Yes <b>Mandatory</b>	(Y/N)

b)	Body builders to have truck body inspected (by Certifying officer, Vehicle Inspection unit) for compliance with Traffic Act prior to delivery to user.	Yes	(Yes/No)
c)	Vehicle to be inspected by the Chief Mechanical and Transport Engineer for compliance with the specifications during body construction and prior to delivery to the user.	Yes <b>Mandatory</b>	(Y/N)
d)	Chevrons and reflectors fitted on rear to conform to Kenya Traffic Act.	Yes	(Yes/No)
e)	Franchise holder (representative in Kenya) If not, specify relationship with the Franchise holder	Yes Specify whether agent/dealer	(Y/N)
f)	Availability of spare parts.	Indicate dealers who stock spare parts.	
g)	Names and addresses of dealers/agents where back- up service can be obtained indicating the location of the workshop facilities.	Specify	
h)	Firm to offer local training services for the drivers on daily maintenance checks and operation of the vehicle for a minimum of two days.	Yes Specify number of days.	(Y/N)

## 5. MTD - 1662 - 401 - 16 HEAVY DUTY AMBULANCE, 4x4, L.W.B., 4,000-4,200cc, DIESEL WITH

TENDERER'S Column to be completed by tenderer TENDERERS

REQUIRED	TENDERER'S
-	
-	
-	
Yes (Mandatory)	(Y/N)
	- - - Yes

#### A standard production, 4x4 diesel ambulance with Yes, Yes, Yes (Y/N)a) fibre glass body, of latest design in the class, robust (Mandatory) construction in current production. Supplied new. Yes b) (Y/N)Designed to heavy duty specifications, capable of c) Yes, Yes (Y/N)operating in tropical conditions in extremes of mud and dust. Most suitable for operating on both "on and off" d) Yes (Y/N)

	road conditions.		
e)	Built and specially equipped to transport the sick / injured to and from hospital.	Yes	(Y/N)
2.	<b>DIMENSIONS, WEIGHTS AND PERFORMAN</b>	<u>CE</u>	
a)	Overall length, approx.	5,000 mm	mm
b)	Overall width, approx.	1,700 mm	mm
c)	Overall height, approx.	1,800 mm	mm
d)	Wheelbase, approx.	2,900 mm	mm
e)	Max. G.V.W., approx.	3,000 Kg	Kg
f)	Kerb weight, approx.	2,000 Kg	Kg
g)	Turning radius, approx	6,000 mm	mm
3.	ENGINE		
a)	Make	-	
b)	Model	-	
c)	Country of origin	-	
d)	Engine performance curves supplied.	Yes	(Y/N)
e)	Engine type Diesel, 4 Stroke.	Yes, Yes	(Y/N)
f)	Engine cooling system, water.	Yes	(Y/N)
g)	Piston displacement.	4,000 - 4,200 cc	cc
h)	Number of cylinders.	6	No.
i)	Maximum power output / rpm, approx.	80Kw/4000rpm	HP/rpm
j)	Maximum torque developed / rpm, approx.	260NM/2000rpm	NM/rpm
k)	Air filter, disposable/oil bath	specify	
1)	Oil and fuel filter type.	Disposable	
m)	Average fuel consumption (on full load) at a) Urban driving	Specify	Km/l
	b) Steady 50 Km/h	Specify	Km/l
	c) Steady 80 Km/h	specify	Km/l
n)	Fuel tank capacity, approx.	75 Lt	Lt
o)	Extra fuel tank fitted.	Yes	(Y/N)
	Capacity	specify	Lt
4.	CLUTCH AND TRANSMISSION		
a)	Clutch type, dry, single plate diaphragm type.	Yes, Yes, Yes	
b)	Hydraulic, clutch actuation.	Yes	(Y/N)
c)	Manual I synchromesh gearbox,	Yes	(Y/N)
			-

d)	Transmission speeds	5F/1R	speed
e)	4WD or with selector from 2WD to 4WD.	With selector	
f)	Limited slip differential/Differential lock.	Yes	(Y/N)
e)	Freewheeling (front) hubs fitted.	Yes	(Y/N)
g)	Drive configuration	4x4	(Y/N)
5.	BRAKES AND TYRES		
a)	Hydraulic actuation with anti lock braking system (ABS).	Yes	(Y/N)
b)	Brakes, disc at front or all round	Specify front	
		Rear	
c)	Mechanical Parking brake, to act on rear wheels	Yes	(Y/N)
d)	Tire (size) locally available.	Yes	(Y/N)
e)	Optimum tire size.	750-16, 8PR	
6.	SUSPENSION AND STEERING		
a)	Independent Heavy duty front and rear suspension.	Yes	(Y/N)
b)	Heavy-duty coil springs with telescopic dampers.	Yes	
c)	Power steering.	Yes (Mandatory)	
d)	Right hand drive steering.	Yes	(Y/N)
7.	OTHER REQUIREMENT		
a)	With a fibre glass pick up body	Yes, Yes	(Y/N)
b)	Anti-rust compound applied to underbody for sea side operation.	Yes (Mandatory)	(Y/N)
c)	Body finish, high gloss colour (to be specified by user)	Yes	(Y/N)
	6.		
8.	ELECTRICAL SYSTEM AND INSTRUMENTS		<del>,</del>
a)	System voltage, negative earth, with alternator charging.	12V, Yes	(Y/N)
b)	Battery capacity.	1x12V,80AH	AH
c)	Full lighting to conform to Cap.403 Subs.23 Kenya Traffic Act.	Yes	(Y/N)
d)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes, Yes, Yes	(Y/N)
9	EQUIPMENT		

a)	Heavy duty front fender fitted.	Yes	(Y/N)
b)	Heavy duty towing hitch and hook at rear and front respectively.	Yes	(Y/N)
d)	Sunvisors supplied.	Yes	(Y/N)
e)	Rear view mirrors, external 2 No. and inside 1 No. supplied.	Yes, Yes	(Y/N)
f)	Spare wheel and external carrier fitted.	Yes	(Y/N)
h)	Manufacturer's standard tools supplied.	Yes, Yes	(Y/N)
i)	Safety belts provided for all forward facing seats to conform to KEBS 06-664:1985.	Yes Mandatory	(Y/N)
k)	Front dual airbags.	Yes	(Y/N)
1)	Extra heavy duty suspension - i.e. 4 and 2 double traction shock absorbers at rear and front respectively.	Yes	(Y/N)
m)	Air conditioner	Yes Mandatory	(Y/N)
n)	Radio system with FM, MW, SW/CD changer	Yes	(Y/N)

### 10. SPECIAL FITTINGS

a)	One full length (on one side) stretcher carrier to fit and lock (in position) one standard hospital stretcher, above wheel arch.	Yes	(Y/N)
	Stretcher to be made of non-corrosive, lightweight material.	Yes	(Y/N
b)	Hospital stretcher to have hardwearing water proof material (mattress) with a provision of patient safety belt.	Specify material.	
c)	2 piece foldable foam bench with hard wearing water proof upholstery, to be able to seat patients/attendance	Yes	(Y/N)
e)	2no. grip handles fitted at rear to support patients entering the ambulance.	Yes	(Y/N)
f)	Two tone siren fitted.	Yes	(Y/N)
g)	Amber, turning (flasher) lamp, mounted on the ambulance roof.	Yes	(Y/N)
h)	2no. roof lamps with independent switches fitted in ambulance.	Yes	(Y/N)
j)	4x12V sockets, plugs and switches fitted conveniently in ambulance cell.	Yes	(Y/N)
k)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)

1)	Drinking water tank fitted in ambulance.	Yes	(Y/N)
m)	Search (spot) light fitted at front, operated by the driver.	Yes	(Y/N)
n)	Rear search (spot) light fitted.	Yes	(Y/N)
o)	Sliding-hook for Intravenous apparatus fitted.	Yes	(Y/N)
p)	First aid kit supplied.	Yes Specify make, size and list of items	(Y/N)
q)	Oxygen unit set with oxygen cylinder, pressure regulator, flow meter, and mucus aspirator and inhalation mask supplied. Oxygen cylinder capacity, approx. 3.5litre	Yes Specify make, type, size and attach brochures Yes	(Y/N)
r)	Linoleum on plywood floor fitted.	Yes	Eluc (Y/N)
s)	Secure, lockable spare wheel carrier fitted on ambulance roof or any other convenient place.	Yes	(Y/N)
t)	Suction unit 12V d.c operated supplied.	Yes Specify make, attach brochures	(Y/N)
u)	Ambu bag with face mask supplied (for adults and Paediatrics)	Yes Specify type and quantity	(Y/N)
v)	Fire extinguisher supplied.	Yes Specify make, type and size	(Y/N)
11	IDENTIFICATION MARKS	1	
a)	Rear, left and right sides to be fitted with suitable size cross sign.	Yes	(Y/N)
b)	Front ambulance window to have illuminated <b>AMBULANCE</b> , sign on it.	Yes Mandatory	(Y/N)
12	WARRANTY		
a)	Specimen of vehicle warranty to be submitted when tendering.	Yes	(Y/N)
b)	Each vehicle supplied to carry a statement of warranty.	Yes Mandatory	(Y/N)
c)	Warranty duration min., 24 Months or 50,000 Km whichever occurs first.	specify	Months Km
	13 MANUALS		
a)	All literature in the English language.	Yes	(Y/N)
b)	Repair manuals supplied.	Yes Mandatory	(Y/N)

c)	Parts catalogue supplied.	Yes Mandatory	(Y/N)
d)	Driver's handbook and service schedule supplied.	Yes Mandatory	(Y/N)
e)	Manufacturer's standard tool kit supplied.	Yes Mandatory	(Y/N)
14	OTHER REQUIREMENTS		_
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes Mandatory	(Y/N)
b)	Pre delivery inspection to be done by the Chief Mechanical and Transport Engineer prior to delivery to the user	Yes Mandatory	(Y/N)
c)	Franchise holder (representative in Kenya) If not, specify relationship with the Franchise holder	Yes Specify whether agent/dealer	(Y/N)
d)	Availability of spare parts	Indicate motor vehicle dealers who stock spare parts	(Y/N)
e)	Names and addresses of dealers/agents where back- up service can be obtained indicating the location of		

### 7. MTD-1754-044-16 AMBULANCE, MEDIUM SIZE, DIESEL

the workshop facilities

	SPECIFICATION	REQUIREMENT	TENDERER'S
	MAKE	-	
	MODEL	-	
	COUNTRY OF ORIGIN	-	
	MANUFACTURER'S LITERATURE, AUTHORITY AND SPECIFICATIONS SUPPLIED	Yes mandatory	(Y/N)
1.	GENERAL		
a)	A Standard production, medium size ambulance of latest design in current production.	Yes, Yes, Yes	(Y/N)
b)	Supplied new.	Yes	(Y/N)
c)	Designed to heavy duty export specifications, suitable of operating in tropical conditions	Yes, Yes	(Y/N)

d)	Suitable for patients transportation over paved and un-paved (rough) roads.	Yes	(Y/N)
e)	To have 4 doors and steps , 2 driver compartment doors, one side door and rear double doors in patient compartment.	Yes	(Y/N)
2.	DIMENSIONS AND WEIGHTS		
a)	Overall length, approx.	5,300mm	mm
b)	Overall width, approx.	1,800mm	mm
c)	Overall height, approx.	2,500mm	mm
d)	Wheelbase, approx.	2,600mm	mm
e)	Max. G.V.W, approx.	2,900Kg	kg
f)	Kerb weight, approx.	1,600Kg	kg
g)	Passenger room height, min.	1,500mm	mm
h)	Passenger room length, min.	3100mm	mm
3.	ENGINE	,	
a)	Make	-	
b)	Model	-	
c)	Country of origin	-	
d)	Engine performance curves supplied.	Yes	(Y/N)
e)	Engine type, Diesel	Yes	(Y/N)
f)	4 Stroke, water cooled.	Yes, Yes	(Y/N)
g)	Piston displacement, approx.	2,500-3,500cc	cc
h)	Number of cylinders	4	
i)	Maximum power output, /rpm, min.	90Kw 3,800rpm	Kw rpm
j)	Maximum torque developed /rpm, approx.	175Nm/2,800rpm	Nm rpm
k)	Air filter, disposable/oil bath	specify	
1)	Oil and fuel filter type	Disposable	
m)	Average fuel consumption (on full load) at a) Urban driving	specify	Km/l

	b) Steady 50Km/h	specify	Km/l
	c) Steady 80Km/h	specify	Km/l
n)	Fuel tank capacity, approx.	60Lt	Lt
	Extra fuel tank fitment.	specify	
4.	CLUTCH AND TRANSMISSION		
a)	Clutch, coil spring type, dry single plate,	specify	
b)	All synchromesh gearbox.	Yes	(Y/N)
c)	Gear speeds, min	4F,1R	
d)	Wheel drive	4x4	
5.	BRAKES AND TYRES		
a)	Brakes, hydraulic - internal expanding drum	Yes, Yes	(Y/N)
b)	Mechanical parking brake, to act on rear wheels	Yes	(Y/N)
c)	Locally available single purpose tires	Yes	(Y/N)
d)	Optimum tire size	Specify	
6.	SUSPENSION AND STEERING		
a)	Independent, heavy duty front and rear suspension	Yes, Yes	(Y/N)
b)	Heavy duty leaf and coil springs with hydraulic (telescopic) shock absorbers.	specify front rear	
c)	Power steering	Yes	(Y/N)
d)	Right Hand drive steering	Yes	(Y/N)
7.	ELECTRICAL SYSTEM AND INSTRUMENTS		
a)	System voltage, negative earth, with alternator charging	12V, Yes, Yes	
b)	Battery capacity, approx.	1x12V, 50Ah	
c)	Full lighting to conform to Cap 403 Subs.23-Kenya Traffic Act.	Yes	(Y/N)
d)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc.	Yes	(Y/N)

8.	SPECIAL FITTINGS		
a)	One full length stretcher carrier to fit and lock (in position) one standard hospital stretcher in patient room.	Yes	(Y/N)
b)	Suitable standard hospital stretchers fitted with wheels and safety stopper.	Specify material ,size 550mmx1900mm approx.	material size
c)	Suitable foldable squad foam bench with hard wearing water proof uphostery, to be able to seat patients, or take one lying down, supplied with back rest, and lockers underneath.	Yes	(Y/N)
d)	Full length chrome plated roof hand rail fitted.	Yes	(Y/N)
e)	2no.internal grip handles fitted at rear to support patients entering the ambulance.	Yes	(Y/N)
f)	Seats with safety belts conforming	Yes	(Y/N)
	to KEBS 06-664: 1985 standard, fitted at front of ambulance for attendants with space underneath for first aid kit.		
g)	Two tone siren fitted.	Yes	(Y/N)
h)	Amber, turning (flasher) lamps, mounted on the ambulance roof. min.	1	
i)	Buzzer fitted in cabin, to be operated from the front of the ambulance cell.	Yes	(Y/N)
j)	2no. roof lamps (one above attendants seat and other above stretcher) with independent switches fitted in ambulance.	Yes	(Y/N)
k)	2x12V sockets, plugs and switches fitted conveniently in ambulance cell.	Yes	(Y/N)
1)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)
m)	Drinking water tank fitted in ambulance, stainless steel type.	Yes,Yes,Yes,10litres	(Y/N)
n)	Search (spot) light fitted at front, operated by the driver.	Yes	(Y/N)
o)	Rear search (spot) light fitted.	Yes	(Y/N)
p)	Sliding-hook and Intravenous apparatus fitted laterally at centre of ambulance (in-built).	Yes	(Y/N)
q)	First aid kit supplied.	Specify make, size	

		and attach brochures	
r)	Oxygen unit set with medium size oxygen cylinder 10l, pressure regulator, flow meter, mucus aspirator and inhalation masks supplied.	Specify make, size and attach brochures	(Y/N)
t)	Partition between driver and patient compartment fitted.	Yes	(Y/N)
u)	Linoleum on plywood floor fitted.	Yes	(Y/N)
v)	Secure, lockable spare wheel carrier fitted on ambulance roof or any other convenient place.	Yes	(Y/N)
w)	Fire extinguishers supplied.	Yes specify type, make and size	(Y/N)
9	OTHER FITTINGS & MEDICAL EQUIPMENT	ΓS	
a)	Medicine storage and cabinet fitted	Yes	(Y/N)
b)	A suitable rescuer seat fitted in front of patients head.	Yes	(Y/N)
c)	Stain less waste bin supplied.	Yes	(Y/N)
d)	Oxygen resuscitator	Yes Specify make, type and attach literature	(Y/N)
e)	stethoscope	Yes Specify make, type and attach literature	(Y/N)
f)	Burn kit	Yes Specify make, type and attach literature	(Y/N)
g)	Tools for air tank change	Yes Specify make, type and attach literature	(Y/N)
h)	Sphygmomanometer-for checking blood pressure	Yes Specify make, type and attach literature	(Y/N)
i)	Oxylator(oxygen supply device, microvent body, mask, filter, pressure control)-for patients who stopped breathing	Yes Specify make, type and attach literature	(Y/N)
j)	Moveable oxylator(oxygen supply device,	Yes	(Y/N)

	microvent body, mask, filter, pressure control)-for	Specify make, type	
	patients who stopped breathing	and attach literature	
		and attach interactive	•••••••••••
k)	Pulsa animatananit	Yes	(Y/N)
K)	Pulse oximeter unit	Specify make, type	(1/11)
		and attach literature	
	DI I '	and attach interactive	••••••
1)	Blood sugar unit	Yes	(Y/N)
		Specify make, type	
		and attach literature	
m)	Thermometer, 34-42.2 °C	Yes	(V/N)
111)		Specify make, type	(Y/N)
		and attach literature	
		Yes	(V/N)
n)	Manual resuscitator		(Y/N)
ŕ		Specify make, type	
		and attach literature	(X7/X1)
o)	Automated external defibrillator- for heart disease	Yes	(Y/N)
,	patients.	Specify make, type	
		and attach literature	/X7/XT)
p)	Traction splint(adult/child)- to fix patients fracture	Yes	(Y/N)
Γ/	point safely by pulling.	Specify make, type	
		and attach literature	
q)	Head immobilizer- to fix patients head and neck	Yes	(Y/N)
47	safely.	Specify make, type	(1/1/)
		and attach literature	
	Modicing how plastic	Yes	(Y/N)
r)	Medicine box-plastic	Specify make, type	(-,-,/
		and attach literature	
	Wall clock near rescuer seat		
t)	wan clock hear rescuer seat	Yes	(Y/N)
u)	2 ventilators on each side of the wall of patient rm.	Yes	(Y/N)
**)	Suitable and secure storage for oxygen cylinder 101	Vaa	(\$7 /\$T)
v)	and supply kit.	Yes	(Y/N)
	and suppry kit.		
w)	Suitable suction equipment portable and	Yes	(Y/N)
vv <i>)</i>		Specify make, type	
	rechargeable supplied.	and attach literature	•••••
x)	Suitable sink fitted	Yes	(Y/N)
10	IDENTIFICATION MADIZO		
10	IDENTIFICATION MARKS		
a)	Rear, left and right sides to be fitted with suitable	Yes	(Y/N)
a)	rear, tert and right sides to be fitted with suitable	1 68	(1/1 <b>N</b> )

	size cross sign.		
	<u> </u>		
b)	Front ambulance window to have illuminated AMBULANCE sign above it.	Yes	(Y/N)
11.	EQUIPMENT (ACCESSORIES) ETC		
a)	Heavy duty front fender, fitted	Yes	(Y/N)
b)	Jack, wheel brace and manufacturer's standard tools, supplied.	Yes	(Y/N)
c)	Sunvisors supplied, 2no.	Yes	(Y/N)
d)	Rear view mirrors supplied, 2no. external, 1no. internal.	Yes	(Y/N)
e)	FM radio fitted.	Yes	(Y/N)
f)	Camera and colour monitor fitted	Yes mandatory	(Y/N)
g)	A suitable inverter to be installed	Yes mandatory	(Y/N)
h)	CD changer fitted.	Yes	(Y/N)
i)	A suitable A/C charger fitted.	Yes	(Y/N)
j)	Air conditioning and heater system both compartments fitted.	Yes	(Y/N)
k)	Patient room should be insulated against heat and noise.	Yes	(Y/N)
1)	Any other equipment supplied.	specify	
12.	WARRANTY		
a)	Each vehicle /equipment supplied should carry a statement of warranty.	Yes	(Y/N)
b)	Vehicle warranty min., 40,000 Km or 12 Months whichever occurs first.	specify	Km Months
13.	MANUALS		
a)	All literature in English language	Yes	(Y/N)
b)	Repair Manual/CD, supplied.	1 per Vehicle (Mandatory)	(Y/N)
c)	Parts catalogue/CD, supplied	One set per vehicle (Mandatory)	(Y/N)

d)	Drivers handbook, warranty and service schedule supplied.	1 per Vehicle	(Y/N)
14.	OTHER REQUIREMENT		
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act and to have a certificate from the vehicle inspection centre.	Yes (Mandatory)	(Y/N)
b)	Ambulance to be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	(Y/N)
c)	Vehicle to be registered with the registrar of motor vehicles.	Yes (Mandatory)	
d)	Firm"s Status: (Franchise holder/ Dealer/Agent)	Specify	
e)	Availability of spares	Indicate motor vehicle dealers who stock spare parts.	
f)	Indicate names and physical addresses of dealers/agents where back-up service can be obtained.	Specify	
g)	Adequate training on the operation and maintenance of vehicle/machines to be provided as per customers request	Yes (Mandatory)	(Y/N)
h)	Adequate training on repairs especially on new models with new technology provided by the experts from the manufacturer at suppliers cost.	Yes (Mandatory)	(Y/N)
i)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes (Mandatory)	(Y/N)

	SPECIFICATION	REQUIREMENT	TENDERER'S
A.	CAB-CHASSIS.		
	MAKE	-	
	MODEL	-	
	COUNTRY OF ORIGIN	-	
	MANUFACTURER'S LITERATURE AND SPECIFICATIONS SUPPLIED	Yes	(Yes/No)
1.	GENERAL		
a)	A standard production, medium truck, 4x2, 7-8 ton, mobile clinic, of latest design, robust construction, in current production, marketed in Kenya.	Yes, Yes, Yes	(Yes/No)
b)	Supplied new, unused.	Yes	(Yes/No)
c)	Designed to heavy duty export specifications, capable of operating in tropical conditions over paved and unpaved roads.	Yes, Yes, Yes	(Yes/No)
d)	Suitable for mobile clinic.	Yes	(Yes/No)
e)	Control Forward/Normal	specify	
f)	Any items not included in this specification but which are deemed necessary for efficient or improved operation of the equipment shall be fitted.	Yes	(Yes/No)
2.	DIMENSIONS AND WEIGHTS		
a)	Overall length, approx.	7,500mm	mm
b)	Overall width,approx.	2,200mm	mm
c)	Overall height,min.	2,600mm	mm
d)	Wheelbase, min.	4,200mm	mm
e)	Length of chassis aft of cab, min.	5,500mm	mm
f)	Kerb weight, min. (excluding body).	3,500Kg	kg
g)	Max. G.V.W, min.	10,000Kg	kg

h)	Payload approx.	7,000 - 8000Kg	kg
i)	Permissible front (steering) axle load, max.	8,000Kg	kg
j)	Permissible rear (for dual wheels) axle load, max.	10,000Kg	kg
3.	ENGINE		
a)	Make	-	
b)	Model	-	
c)	Country of origin	-	
d)	Engine performance curves supplied.	Yes	(Yes/No)
e)	Diesel Engine, water cooled, 4 Stroke.	Yes, Yes, Yes	(Yes/No)
f)	Mode of aspiration. (Natural/Turbocharged)	specify	
g)	Piston displacement, approx.	5,500-10,000cc	сс
h)	Number of cylinders, min.	6	no.
i)	Maximum power output / rpm, min.	180HP / 2800rpm	HP/rpm
j)	Maximum torque developed /rpm, min.	500Nm /1800rpm	Nm/rpm
k)	Air cleaner type, disposable/ oil bath.	specify	
1)	Oil and fuel filter type	disposable	
m)	Average fuel consumption (on full load)	specify	km/l
n)	Fuel tank capacity, approx.	200Lt	Lt
o)	Extra fuel tank fitted	Yes	(Yes/No)
	Capacity	specify	Lt
p)	Engine derated for altitude.	7,000ft ASL	
4.	CLUTCH AND TRANSMISSION		<u> </u>
a)	Clutch, dry type, single plate	Yes, Yes	(Yes/No)
b)	Clutch, system actuation, Hydraulic	Yes	(Yes/No)
c)	Gearbox, synchromesh.	Yes	(Yes/No)
d)	Number of speeds,min.	5F, 1R	F/ R
e)	Drive configuration.	4x2	X
5.	BRAKES, TYRES AND SUSPENSION.		
a)	Brakes, hydraulic-pneumatic assisted.	Yes	(Yes/No)

		•	•		
b)	Mechanical parking brake to act on transmission.	Yes	(Yes/No)		
c)	Rear tyres.	Dual			
d)	Tires size locally available.	Yes	(Yes/No)		
e)	Optimum tire size	specify			
f)	Suspension, front and rear heavy duty leaf springs with telescopic shock absorbers at front.	Yes, Yes	(Yes/No)		
6.	STEERING, CONTROL AND CAB.				
a)	Right Hand drive steering	Yes	(Yes/No)		
b)	Steering Type.	assisted			
c)	All steel, spacious cab to seat 3 passengers comfortably.	Yes, Yes	(Yes/No)		
d)	Adjustable driver's seat.	Yes	(Yes/No)		
e)	All front seats to be fitted with safety belts conforming to KEBS 06-664: 1985 standard.	Yes (Mandatory)	(Yes/No)		
7.	ELECTRICAL SYSTEM AND INSTRUMENTS				
a)	System voltage, negative earth.	24V, Yes	(Yes/No)		
b)	Battery capacity and size.	specify	АН		
c)	Full lighting to conform to Cap 403 Subs.23-Kenya Traffic Act.	Yes	(Yes/No)		
d)	Standard instruments, gauges and warning lights for charging circuit, oil pressure, coolant temperature etc.	Yes	(Yes/No)		
8.	EQUIPMENT ETC.				
a)	Heavy duty type front fender.	Yes	(Yes/No)		
b)	Laminated (safety) windshield.	Yes	(Yes/No)		
c)	Sun visors supplied.	Yes	(Yes/No)		
d)	Rear view mirrors (external both sides and internal) supplied.	Yes	(Yes/No)		
e)	Full size spare tyre with rim and carrier mounted under truck.	Yes	(Yes/No)		

f)	Hydraulic (telescopic) jack, wheel brace and manufacturer's standard tools supplied.	Yes, Yes, Yes	(Yes/No)
g)	Vehicle to be fitted with electronic speed Governor.	Mandatory	(Yes/No)
h)	Governor to limit maximum speed to 80km/hr.	Mandatory	(Yes/No)
i)	Governor to be tamper proof.	Mandatory	(Yes/No)
j)	Governor to be inspected by the Chief Mechanical &Transport Engineer, before delivery.	Mandatory	(Yes/No)
k)	Any other equipment (or accessories) supplied.	specify	
В	SUPERSTRUCTURE		
9a)	GENERAL		
i)	Vehicle supplier to build or sub-contract to a Reputable body builder.	Specify	
ii)	If the work is sub contracted, name sub-contractor.	Specify sub- contractor	
iii)	All body construction and fitments to comply with Kenya Traffic Act, Cap 403.	Yes	(Yes/No)
iv)	All body construction and installations to comply with the chassis manufacturer's specifications.	Yes	(Yes/No)
b)	BODY DIMENSIONS		
i)	Outside Length appr.	5500mm	mm
ii)	Outside width appr.	2200mm	mm
iii)	Inside height appr.	2000mm	mm
c)	BODY CONSTRUCTION		
i)	Two heavy-duty hydraulic outboard stands attached to each side of mainframe structure at the rear.	Yes	(Yes/No)
ii)	All mounting brackets shall be so designed that drilling will be done only through the side of the chassis frame.	Yes	(Y/N)
iii)			

	Body floor fabricated from non corrosive chequered plate laid full width reinforced with box/channel sections at suitable points.	Yes	(Y/N)
iv)	Body cross bearers of channel sections, 100 x 50 x 4.5mm, equidistantly spaced at a maximum of 500mm apart.	Yes, Yes, Yes	(Yes/No)
v)	Well seasoned hardwood timber runners of approx. dimensions 60x80mm capped with inverted steel channel section at the top and placed between body frame and chassis.	Yes Specify timber size	(Yes/No)
vi)	Body securely welded onto suitable steel tubular section frame of min. dimensions 80mm x 80mm x 6mm secured to the chassis by U bolts of min dia. 16mm.	Yes Specify size of frame and U-bolts	(Yes/No)mm
vii)	Totally enclosed box type aluminium /light metal alloy/ steel body with aluminium/steel profiles and reinforcements Min. Aluminium /steel plate thickness	1.2mm	mm
viii	Appropriate storage compartments provided with drawers, shelves and locks as necessary.	Yes	(Yes/No)
ix)	A 50mm diameter pipe with a slit to be welded on both sides of body at a height of about 2.25m for holding side tents.	Yes	(Yes/No)
x)	Suitable size tool box to be fitted under the body on the left side.	Yes	(Yes/No)
xi)	Suitable size rear mud guards fitted.	Yes	(Yes/No)
d)	REAR /SIDE DOORS		
i)	one double door in the rear opening outwards.	Yes	(Yes/No)
ii)	Back entrance- ladder/steel/aluminium with non skid steps.	Yes	(Yes/No)
	Fitted with 2 side doors on either sides near cab	Yes	(Yes/No)
e)	WINDOWS/VENTILLATION		
i)	Two sliding windows at the right and two similar ones on the left of appr. Dimensions.	550x650mm	xmm
ii)	An electric fan suitably positioned on the roof.		

		Yes	(Yes/No)
ii)	Ventilation opening on the sides, min. no.	2no.	no.
f)	BODY FINISH		
i)	All body steelwork to be thoroughly cleaned, under seal coat applied before priming with red oxide and intercoat prior to application of both internal and external finish. Aluminium body works to be prepared before painting.	Yes, Yes, Yes	(Yes/No)
g)	INTERIOR LIGHTING AND POWER POINTS		
i)	24 volt emergency fluorescent lights to be fitted and connected to vehicle battery.	Yes	(Yes/No)
ii)	4 off interior roof lamps, wired in PVC cable enclosed in conduit and with switches adjacent to rear door	Yes	(Yes/No)
iii)	4 off power points, two on each side of the body and wired into appropriate fuse board which in turn is wired to the generator.	Yes	(Yes/No)
iv)	Two external power points, one on the side the other at the rear.	Yes	(Yes/No)
v)	Installation bars on ceiling and florescent lights		(Yes/No)
	installed.	Yes	(105/110)
С	MOBILE CLINIC EQUIPMENTS	L	
10)	REFRIGERATOR		
a)	Make	-	
b)	Model	-	
c)	Country of origin	-	
d)	Fridge capacity,min.	12 Cu.Ft	Cu.Ft
e)	Freezer compartment capacity.	Specify	Cu.Ft
f)	Two doors, one for freezer compartment the other for the cooling compartment.	Yes	(Yes/No)
g)	Power input.	220-250V AC	V AC

h)	Supplied with fridge guard.	Yes	(Yes/No)
i)	Supplied with thermostat.	Yes	(Yes/No)
j)	Warranty duration min. 12 Months.	specify	Months
11)	PORTABLE GENERATOR		
a)	Make	-	
b)	Model	-	
c)	Country of origin	-	
d)	Manufacturers literature and specifications supplied.	Yes	(Yes/No)
e)	A standard production new portable generator, of latest design, robust construction, in current production, marketed in Kenya.		
f)	Power output ,min.	12KVA/ 220-240V	V
g)	Output current phase.	3- phase	Phase
h)	Easily removable from vehicle but with a suitable storage compartment	Yeş specify	(Yes/No)
i)	Warranty duration min. 12 Months.		
12.	ELECTRICAL HOT WATER BATH		
a)	Make	_	
b)	Model	-	
c)	Country of origin	-	
d)	Manufacturers literature and specifications supplied.	Yes	(Yes/No)
e)	With bottle carriers 5No, min.	Specify	No.
f)	Total capacity of bath 20Litres ,min.	Specify	lit.
g)	With temperature control mechanism and range.	Yes 20-110 Degrees Centigrade	(Yes/No)Degrees Centigrade

h)	With timing system, range.	Yes 0-24 Hrs	(Yes/No) Hrs
i)	Removable from vehicle but with a suitable storage compartment.	Yes	(Yes/No)
j)	Warranty duration min. 12 Months.	specify	Months
13.	HOT AIR OVEN		
a)	Make	_	
b)	Model	-	
c)	Country of origin	-	
d)	Manufacturers literature and specifications supplied.	Yes	(Yes/No)
e)	Electrically powered, capable of drying Glassware/plastic ware.	Yes	(Yes/No)
f)	Capacity, min.	50 lit.	50 lit
g)	With temperature control mechanism and range	Yes 30-200 Degrees Centigrade	(Yes/No)Degrees Centigrade
h)	Removable from vehicle but with a suitable storage compartment	Yes	(Yes/No)
i)	Warranty duration min. 12 Months.	specify	Months
14)	DOCTORS FACILITIES/EQUIPMENT:  ai. Suitable space for doctor to examine patients with a table and 2 seats, examination bed, separate room with waiting bench to seat 5 min. and proper lighting.	Yes(Mandatory)	(Y/N)
a)	Equipment for handling, restraint and transport:  ii. One full length detachable stretcher fitted.  Movable backward and forward, fixed on the	Yes(Mandatory)	(Y/N)
	RHS of rear cabin. With foldable supports and trolleys for ease of movement of patients to the clinic.	Tick items to be supplied and attach detailed brochures	

a) iii.	Vacuum splints, mattresses, wheel chair, sheet/transfer sheet, stretcher supports, stretcher	Yes(Mandatory)	(Y/N)
	immobilization for immobilization	Tick items to be supplied and attach detailed brochures	
b)	1 piece foldable foam bench with hard wearing water proof upholstery and able to seat at least 4 people.	Yes	(Y/N)
c)	Full length chrome plated roof hand rail fitted.	Yes	(Y/N)
d)	2no.internal grip handles fitted at rear to support patients entering the clinic.	Yes	(Y/N)
e)	Two tone siren fitted.	Yes	(Y/N)
f)	Amber, turning (flasher) lamps, mounted on the roof.	Yes	(Y/N)
g)	Portable radio station, furniture, intercom, acoustic system for public speaking, buzzer fitted	Yes(Mandatory)	(Y/N)
	in clinic and to be operated from the front of the clinic.	Tick items to be supplied and attach detailed brochures	
h)	Electrical ventilation fan fitted in clinic cell.	Yes	(Y/N)
i)	Sliding-hook for Intravenous apparatus fitted laterally at centre of clinic.	Yes	(Y/N)
j)	First aid kits supplied.	Specify sizes and attach brochure	
k)	Equipment for resuscitation-breath:		
	i. Fixed and portable installation-Oxygen unit set with medium size oxygen cylinder, pressure regulator, flow meter, and mucus aspirator and inhalation mask supplied. (1.8m³ capacity). ii.Vacuum for secretions, tracheal intubation equipment, laryngoscope, light ventilation equipment.	Yes(Mandatory)  Tick items to be supplied and attach detailed brochures	(Y/N)
1)	Monitoring equipment-defibrillation-evaluation-drugs administration/solutions:		
		Yes(Mandatory)	(Y/N)

Defibrillator, pulse oximeter, manual tonometer, lamp for pupils examination, injector tools, heating system for infusions, infusion system with pressure meter, reflex hammer, automatic tonometer, capnometry tools, central thermometer	Tick items to be supplied and attach detailed brochures	
Sanitary materials:		
Probes (intubation, aspiration), syringes, infusion sets, dressings,bandages,intravenous tubes, insulation foils for burns, replanting freezer container, suitcase for rapid intervention, special intervention kits(minitracheostomy, urinary probing, stomach probing),cannulas for central intravenous access and needles for paediatric intra-bone access.	Yes(Mandatory)  Tick items to be supplied and attach detailed brochures	(Y/N)
Protective equipment:  Overalls, gloves, boots, helmet, glasses.	Yes(Mandatory) Tick items to be supplied and attach detailed brochures	(Y/N)
Secure, lockable spare wheel carrier fitted on clinic roof or any other convenient place.	Yes	(Y/N)
Fire extinguisher supplied.	Yes	(Y/N)
Drip Stand/flow metre	Yes	(Y/N)
Stainless steel metal bin, 9 lts	Yes	(Y/N)
Curtain rails with curtains.	Yes	(Y/N)
Removable hand wash basin, tap and container.	Yes	(Y/N)
Medical equipment storage facility		(Y/N)
<ul><li>a) Under bench seats</li><li>b) Wooden/cardboard cabinets with necessary compartments.</li></ul>	specify	(1/11)
WARRANTY		
Specimen of vehicle warranty to be submitted when	Yes	(Yes/No)
	lamp for pupils examination, injector tools, heating system for infusions, infusion system with pressure meter, reflex hammer, automatic tonometer, capnometry tools, central thermometer  Sanitary materials:  Probes (intubation, aspiration), syringes, infusion sets, dressings, bandages, intravenous tubes, insulation foils for burns, replanting freezer container, suitcase for rapid intervention, special intervention kits(minitracheostomy, urinary probing, stomach probing), cannulas for central intravenous access and needles for paediatric intra-bone access.  Protective equipment:  Overalls, gloves, boots, helmet, glasses.  Secure, lockable spare wheel carrier fitted on clinic roof or any other convenient place.  Fire extinguisher supplied.  Drip Stand/flow metre  Stainless steel metal bin, 9 lts  Curtain rails with curtains.  Removable hand wash basin, tap and container.  Medical equipment storage facility.  a) Under bench seats  b) Wooden/cardboard cabinets with necessary compartments.  WARRANTY	lamp for pupils examination, injector tools, heating system for infusions, infusion system with pressure meter, reflex hammer, automatic tonometer, capnometry tools, central thermometer  Sanitary materials:  Probes (intubation, aspiration), syringes, infusion sets, dressings, bandages, intravenous tubes, insulation foils for burns, replanting freezer container, suitcase for rapid intervention, special intervention kits (minitracheostomy, urinary probing, stomach probing), cannulas for central intravenous access and needles for paediatric intra-bone access.  Protective equipment:  Overalls, gloves, boots, helmet, glasses.  Protective equipment:  Secure, lockable spare wheel carrier fitted on clinic roof or any other convenient place.  Fire extinguisher supplied.  Yes  Stainless steel metal bin, 9 lts  Yes  Curtain rails with curtains.  Yes  Removable hand wash basin, tap and container.  Yes  specify  Medical equipment storage facility.  a) Under bench seats b) Wooden/cardboard cabinets with necessary compartments.  WARRANTY

	tendering.		
b)	Each vehicle/equipment supplied to carry a statement of warranty.	Yes Mandatory	(Yes/No)
c)	Warranty duration min, 12 Months or 40,000 Km whichever occurs first.	specify	Km Months
12	MANUALS	,	
a)	All literature in English language.	Yes	(Yes/No)
b)	Repair manuals/CD supplied.	1 per vehicle/equipment	(Yes/No)
c)	Parts catalogue supplied.	1 per vehicle/equipment	(Yes/No)
d)	Driver's handbook and service schedule supplied.	1 per vehicle	(Yes/No)
13	OTHER REQUIREMENTS		
<u>a)</u>	Body builders to have truck body inspected (by Certifying officer, Vehicle inspection Centre) for compliance with The Traffic Act prior to delivery to the user.	Yes <u>Mandatory</u>	(Yes/No)
b)	Vehicle to be registered with the Registrar of Motor Vehicles.	Yes	(Yes/No)
c)	Vehicle to be inspected by the Chief Mechanical and Transport Engineer for compliance with the specification during body construction and prior to delivery to the user.	Yes Mandatory	(Yes/No)
d)	Franchise holder (representative in Kenya)	Yes Specify whether	(Yes/No)
	If not, specify relationship with the Franchise holder	agent/dealer	
e)	Availability of spare parts.	Indicate motor vehicle dealers who stock spare parts.	
f)	Names and addresses of dealers/agents where back- up service can be obtained indicating the location of the workshop facilities.	Specify	
g)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes(Mandatory)	(Yes/No)

h) Chevrons and reflectors fitted on rear to conform to Kenya Traffic Act.	Yes	(Yes/No)
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# **6.** MTD – 1856 – 401 – 16 SINGLE CAB P/UP AMBULANCE, 4x4, L.W.B, 2200-3200cc, DIESEL

TENDERER'S Column to be completed by tenderer

SPECIFICATION	REQUIRED	TENDERER'S
Make	-	
Model	-	
Country of origin	-	
Manufacturer's literature, authority and specifications supplied.	Yes (Mandatory)	(Y/N)

#### 1. **GENERAL**

a)	A standard production, 4x4 diesel, single cab pick up ambulance of latest design in the class, robust construction in current production.	Yes,Yes,Yes	(Y/N)
b)	Supplied new.	Yes	(Y/N)
c)	Designed to heavy duty specifications, capable of operating in tropical conditions in extremes of mud and dust.	Yes,Yes	(Y/N)
d)	Most suitable for operating on both "on and off" road conditions.	Yes	(Y/N)
e)	Built and specially equipped to transport the sick / injured to and from hospital.	Yes	(Y/N)

#### 2. <u>DIMENSIONS, WEIGHTS AND PERFORMANCE</u>

a)	Overall length, min.	4,700 mm	mm
b)	Overall width, approx.	1,700 mm	mm
c)	Overall height, approx.	1,800 mm	mm
d)	Wheelbase, approx.	2,900 mm	mm
e)	Max. G.V.W., approx.	2,800kg	Kg
f)	Kerb weight, approx.	1,700 Kg	Kg

g)	Pay load approx.	1,100Kg	Kg
h)	Turning radius, approx	6,000 mm	mm
3.	<u>ENGINE</u>		
a)	Make	-	
b)	Model	-	
c)	Country of origin	-	
d)	Engine performance curves supplied.	Yes	(Y/N)
e)	Engine type Diesel, 4 Stroke.	Yes,Yes	(Y/N)
f)	Engine cooling system, water.	Yes	(Y/N)
g)	Piston displacement.	2,200 - 3,200 cc	cc
h)	Number of cylinders.	Specify	No.
i)	Maximum power output / rpm, min.	75Kw/4000rpm	HP/rpm
j)	Maximum torque developed / rpm, min.	175NM/2000rpm	NM/rpm
k)	Air filter, disposable/oil bath	Specify	
1)	Oil and fuel filter type.	Disposable	
m)	Average fuel consumption (on full load) at a) Urban driving	Specify	Km/l
	b) Steady 50 Km/h	Specify	Km/l
	c) Steady 80 Km/h	specify	Km/l
n)	Fuel tank capacity, approx.	75 Lt	Lt
o)	Extra fuel tank fitted.	Yes	(Y/N)
	Capacity	specify	Lt
4.	CLUTCH AND TRANSMISSION		
a)	Clutch type, dry, single plate diaphragm type.	Yes, Yes, Yes	
b)	Hydraulic, clutch actuation.	Yes	(Y/N)
c)	Manual 1 synchromesh gearbox	Yes	(Y/N)
d)	Transmission speeds	5F/1R	speed
e)	Limited slip differential/Differential lock.	Yes	(Y/N)
f)	Freewheeling (front) hubs fitted.	Yes	(Y/N)
g)	Drive configuration	4x4	(Y/N)
5.	BRAKES AND TYRES	<u> </u>	
a)	Hydraulic actuation with anti lock braking system (Abs).	Yes	(Y/N)
b)	Brakes, disc at front or all round	Specify front	

		Rear	
С	Mechanical Parking brake, to act on rear wheels	Yes	(Y/N)
d	Tire (size) locally available.	Yes	(Y/N)
e	Optimum tire size.	Specify	
6	S. SUSPENSION AND STEERING		
a	) Independent Heavy duty front and rear suspension.	Yes	(Y/N)
b	Heavy-duty coil springs with telescopic dampers.	Yes	
c	) Power steering.	Yes (Mandatory)	
d	Right hand drive steering.	Yes	(Y/N)
7.	ELECTRICAL SYSTEM AND INSTRUMENTS		
a)	System voltage, negative earth, with alternator charging.	12V, Yes	(Y/N)
b)	Battery capacity.	1x12V,80AH	AH
c)	Full lighting to conform to Cap.403 Subs.23 Kenya Traffic Act.	Yes	(Y/N)
d)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes, Yes,Yes	(Y/N)
8	<u>EQUIPMENT</u>		
a)	Heavy duty front fender fitted.	Yes	(Y/N)
b)	Heavy duty towing hitch and hook at rear and front respectively.	Yes	(Y/N)
c)	Sunvisors supplied.	Yes	(Y/N)
d)	Rear view mirrors, external 2 No. and inside 1 No. supplied.	Yes,Yes	(Y/N)
e)	Spare wheel and external carrier with lock fitted.	Yes	(Y/N)
f)	Manufacturer's standard tools supplied.	Yes, Yes	(Y/N)
g)	Cab to seat 3 comfortably, drivers seat adjustable and safety belts provided for all forward facing seats to conform to KEBS 06-664:1985 STANDARD.	Yes, Yes, Yes <b>Mandatory</b>	(Y/N)
h)	Extra heavy duty suspension - ie 4 and 2 double traction shock absorbers at rear and front respectively.	Front 2 Rear 2	(Y/N)
i)	Air conditioner	Yes	(Y/N)
i) j)	Suitable jack and wheel spanner provided	Yes	(Y/N)
k)	Radio system with FM, MW, SW/CD changer	Yes	(Y/N)

#### **BODY CONSTRUCTION**

#### 9. GENERAL

B

a)	Detailed engineering drawings of body supplied.	Yes <b>Mandatory</b>	(Y/N)
b)	An all steel /Aluminium / light alloy fabricated body.	Yes Specify material	(Y/N)
c)	All body construction and installations to comply with the chassis manufacturer's specifications	Yes	(Y/N)
10.	BODY DIMENSIONS		
a)	Outside Length appr.	2000mm	mm
b)	Outside width appr.	1500mm	mm
c)	Inside height appr.	1500mm	mm
11.	BODY CONSTRUCTION		
a)	Body panels to be suitably secured by sealed rivets/spot welding	Specify method	
b)	Lockable (with key from inside and outside) 1No. door fitted at the rear of the body. i) Overall height, approx. ii) overall width, approx.	1300mm 1200mm	mm mm
c)	Rear door suitably hinged and to open outwards.	180°	o
d)	Non-slip (chequered) steps provided for all doors.	Yes	(Y/N)
e)	Sliding windows at each side i) Number ii) Height iii) Width	2no. 540mm 750mm	no. mm mm
f)	Windows to be suitably reinforced with a metal grill.	Yes	Y/N
g)	Non-opening window to be fitted on the rear door.	specify window dimensions.	
12.	OTHER CONSTRUCTION DETAILS.		
a)	Roof reinforced at two positions, equidistant from roof centre lengthwise.	400mm	mm
b)	Body rear, and doors suitably reinforced. (to be shown on the drawing)	Yes	(Y/N)
c)	Provide runner to channel away water.	Yes	(Y/N)
d)	Any other reinforcements.	Specify	

13.	SPECIAL FITTINGS AND EQUIPMENTS		
a)	One full length detachable stretcher fitted	Yes	(Y/N)
b)	1 piece foldable foam bench with hard wearing water proof upholstery and able to seat at least 4 people.	Yes _	(Y/N)
c)	Full length chrome plated roof hand rail fitted.	Yes	(Y/N)
d)	2no.internal grip handles fitted at rear to support patients entering the ambulance.	Yes _	(Y/N)
e)	Two tone siren fitted.	Yes	(Y/N)
f)	Amber, turning (flasher) lamps, mounted on the ambulance roof.	Yes _	(Y/N)
g)	Buzzer fitted in cabin, to be operated from the front of the ambulance cell.	Yes _	(Y/N)
h)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)
i)	Sliding-hook for Intravenous apparatus fitted laterally at centre of ambulance.	Yes _	(Y/N)
j)	First aid kit supplied.	Specify size, list items	
k)	Oxygen unit set with medium size oxygen cylinder, pressure regulator, flow meter, and mucus aspirator and inhalation mask supplied. (1.8m <sup>3</sup> capacity)	Yes Specify size, list items, attach brochures	(Y/N)
1)	Secure, lockable spare wheel carrier fitted on ambulance roof or any other convenient place.	Yes _	(Y/N)
m)	Fire extinguisher supplied.	Yes Specify size, type	(Y/N)
n)	Drip Stand/flowmetre	Yes, Specify size, type, attach brochures	(Y/N)
o)	Stainless steel metal bin, 9 lts	Yes _	(Y/N)
p)	Curtain rails with curtains.	Yes	(Y/N)
q)	Flow metre supplied.	Yes Specify size, type, attach brochure	(Y/N)
r)	First Aid Kit supplied.	Yes Specify size, type, list items	(Y/N)
s)	Removable wash hand basin.	Yes	(Y/N)
t)	Medical equipment storage facility. c) Under bench seats d) Cardboard with necessary compartments.	Yes	(Y/N)
14	IDENTIFICATION MARKS	,	
a)	Rear, left and right sides to be fitted with suitable	Yes _	(Y/N)

	size cross sign.		
b)	Front ambulance window to have illuminated <b>AMBULANCE</b> , sign on it.	Yes <b>Mandatory</b>	(Y/N)
15)	BODY FINISH AND PAINTING		
a)	All exterior body panels made non-corrosive and all external steel / metal fittings to be galvanized or painted, (colour to be specified by user).	Yes,Yes	(Y/N)
b)	Anti-rust compound applied under body for seaside operation.	Yes Specify compound	(Y/N)
16.	WARRANTY		
a)	Specimen of warranty to be submitted when tendering.	Yes	(Y/N)
b)	Each vehicle/equipment supplied to carry a statement of warranty.	Yes <b>Mandatory</b>	(Y/N)
c)	Warranty duration min, 12 Months or 40,000 Km whichever occurs first.	Specify	Months
17.	MANUALS		
a)	All literature in the English language.	Yes	(Y/N)
b)	Repair manuals/CD supplied.	Specify which available 1 per vehicle/equipment  Mandatory	(Y/N)
c)	Parts catalogue/CD supplied.	Specify which available 1 per vehicle/equipment  Mandatory	(Y/N)
d)	handbooks and service schedule supplied.	1 per vehicle/equipment	(Y/N)
18.	OTHER REQUIREMENTS		
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act and have a certificate from the vehicle inspection unit.	Yes <b>Mandatory</b>	(Y/N)
b)	Body builders to have truck body inspected (by Certifying officer, Vehicle Inspection Unit) for compliance with Traffic Act prior to delivery to user.	Yes	(Yes/No)
c)	Vehicle to be inspected by the Chief Mechanical and Transport Engineer for compliance with the specifications during body construction and prior to delivery to the user.	Yes <b>Mandatory</b>	(Y/N)
d)	Chevrons and reflectors fitted on rear to conform to Kenya Traffic Act.	Yes	(Yes/No)

e)	Franchise holder (representative in Kenya) If not, specify relationship with the Franchise holder	Yes Specify whether	(Y/N)
		agent/dealer	
f)	Availability of spares.	Indicate dealers who stock spare parts.	
g)	Names and addresses of dealers/agents where back- up service can be obtained indicating the location of the workshop facilities.	Specify	
h)	Firm to offer local training services for the drivers on daily maintenance checks and operation of the vehicle for a minimum of two days.	Yes Specify number of days.	(Y/N)

# 7. MTD - 2102 - 401 - 16 HEAVY DUTY AMBULANCES, 4x4, L.W.B., 2,900-4,200cc, DIESEL

TENDERER'S Column to be completed by tenderer TENDERERS

SPECIFICATION	REQUIRED	TENDERER'S
Make	-	
Model	-	
Country of origin	-	
Manufacturer's literature, authority and specifications supplied.	Yes (Mandatory)	(Y/N)
1 CENEDAI		

#### 1. GENERAL

a)	A standard production, 4x4 diesel ambulance of latest design in the class, robust construction in current production.	Yes,Yes,Yes	(Y/N)
b)	Supplied new.	Yes	(Y/N)
c)	Designed to heavy duty specifications, capable of operating in tropical conditions in extremes of mud and dust.	Yes,Yes	(Y/N)
d)	Most suitable for operating on both "on and off" road conditions.	Yes	(Y/N)
e)	Built and specially equipped to transport the sick / injured to and from hospital.	Yes	(Y/N)

#### 2. <u>DIMENSIONS, WEIGHTS AND PERFORMANCE</u>

a)	Overall length, approx.	5,000 mm	mm
b)	Overall width, approx.	1,700 mm	mm

c)	Overall height, approx.	1,800 mm	mm
d)	Wheelbase, approx.	2,900 mm	mm
e)	Max. G.V.W., approx.	3,000 Kg	Kg
f)	Kerb weight, approx.	2,000 Kg	Kg
g)	Turning radius, approx	6,000 mm	mm
	0		•

8.

#### 3. ENGINE

a)	Make	-	
b)	Model	-	
c)	Country of origin	-	
d)	Engine performance curves supplied.	Yes	(Y/N)
e)	Engine type Diesel, 4 Stroke.	Yes,Yes	(Y/N)
f)	Engine cooling system, water.	Yes	(Y/N)
g)	Piston displacement.	2,900 - 4,200 cc	cc
h)	Number of cylinders.	6	No.
i)	Maximum power output / rpm, approx.	80Kw/4000rpm	HP/rpm
j)	Maximum torque developed / rpm, approx.	260NM/2000rpm	NM/rpm
k)	Air filter, disposable/oil bath	specify	
1)	Oil and fuel filter type.	Disposable	
m)	Average fuel consumption (on full load) at a) Urban driving	Specify	Km/l
	b) Steady 50 Km/h	Specify	Km/l
	c) Steady 80 Km/h	specify	Km/l
n)	Fuel tank capacity, approx.	75 Lt	Lt
o)	Extra fuel tank fitted.	Yes	(Y/N)
	Capacity	specify	Lt

# 4. <u>CLUTCH AND TRANSMISSION</u>

a)	Clutch type, dry, single plate diaphragm type.	Yes, Yes, Yes	
b)	Hydraulic, clutch actuation.	Yes	(Y/N)
c)	Manual I synchromesh gearbox,	Yes	(Y/N)
d)	Transmission speeds	5F/1R	speed
e)	4WD or with selector from 2WD to 4WD.	With selector	
f)	Limited slip differential/Differential lock.	Yes	(Y/N)
e)	Freewheeling (front) hubs fitted.	Yes	(Y/N)
g)	Drive configuration	4x4	(Y/N)

5.	BRAKES AND TYRES		
a)	Hydraulic actuation with anti lock braking system (Abs).	Yes	(Y/N)
b)	Brakes, disc at front or all round	Specify front	
		Rear	
c)	Mechanical Parking brake, to act on rear wheels	Yes	(Y/N)
d)	Tire (size) locally available.	Yes	(Y/N)
e)	Optimum tire size.	750-16, 12PR	
6.	SUSPENSION AND STEERING		
a)	Independent Heavy duty front and rear suspension.	Yes	(Y/N)
b)	Heavy-duty coil springs with telescopic dampers.	Yes	
c)	Power steering.	Yes (Mandatory)	
d)	Right hand drive steering.	Yes	(Y/N)
7.	OTHER REQUIREMENT		
a)	All exterior body panels made non-corrosive and all external steel fitting to be galvanized or painted.	Yes,Yes	(Y/N)
b)	Anti-rust compound applied to underbody for sea side operation.	Yes Specify compound	(Y/N)
c)	Body finish, high gloss colour (to be specified by user)	Yes	(Y/N)
8.	9.  ELECTRICAL SYSTEM AND INSTRUMENTS		
a)	System voltage, negative earth, with alternator charging.	12V, Yes	(Y/N)
b)	Battery capacity.	1x12V,80AH	AH
c)	Full lighting to conform to Cap.403 Subs.23 Kenya Traffic Act.	Yes	(Y/N)
d)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes, Yes,Yes	(Y/N)
9	EQUIPMENT		
a)	Heavy duty front fender fitted.	Yes	(Y/N)
b)	Heavy duty towing hitch and hook at rear and front respectively.	Yes	(Y/N)
d)	Sunvisors supplied.	Yes	(Y/N)
e)	Rear view mirrors, external 2 No. and inside 1 No. supplied.	Yes,Yes	(Y/N)

f)	Spare wheel and external carrier fitted.	Yes	(Y/N)
h)	Manufacturer's standard tools supplied.	Yes,Yes	(Y/N)
i)	Safety belts provided for all forward facing seats to conform to KEBS 06-664:1985.	Yes Mandatory	(Y/N)
k)	Front dual airbags.	Yes	(Y/N)
1)	Extra heavy duty suspension - ie 4 and 2 double traction shock absorbers at rear and front respectively.	Yes	(Y/N)
m)	Air conditioner	Yes Mandatory	(Y/N)
n)	Radio system with FM, MW, SW/CD changer	Yes	(Y/N)

# 10. SPECIAL FITTINGS

п			
a)	One full length (on one side) stretcher carrier to fit and lock (in position) one standard hospital stretcher, above wheel arch.	Yes	(Y/N)
	Stretcher to made of non-corrosive, lightweight material.	Yes	(Y/N
b)	Hospital stretcher to have hardwaring water proof material (mattress) with a provision of patient safety belt.	Specify material.	
c)	2 piece foldable foam bench with hard wearing water proof upholstery, to be able to seat patients/attendance	Yes	(Y/N)
e)	2no. grip handles fitted at rear to support patients entering the ambulance.	Yes	(Y/N)
f)	Two tone siren fitted.	Yes	(Y/N)
g)	Amber, turning (flasher) lamp, mounted on the ambulance roof.	Yes	(Y/N)
h)	2no. roof lamps with independent switches fitted in ambulance.	Yes	(Y/N)
j)	4x12V sockets, plugs and switches fitted conveniently in ambulance cell.	Yes	(Y/N)
k)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)
1)	Drinking water tank fitted in ambulance.	Yes	(Y/N)
m)	Search (spot) light fitted at front, operated by the driver.	Yes	(Y/N)
n)	Rear search (spot) light fitted.	Yes	(Y/N)
o)	Sliding-hook for Intravenous apparatus fitted.	Yes	(Y/N)
p)	First aid kit supplied.	Yes Specify type and list	(Y/N)

		items	
q)	Oxygen unit set with oxygen cylinder, pressure regulator, flow meter, and mucus aspirator and inhalation mask supplied.	Yes Specify make, size and attach brochures	(Y/N)
	Oxygen cylinder capacity, approx. 3.5litre	Yes	Litre
r)	Linoleum on plywood floor fitted.	Yes	(Y/N)
s)	Secure, lockable spare wheel carrier fitted on ambulance roof or any other convenient place.	Yes	(Y/N)
t)	Suction unit 12V d.c operated supplied.	Yes, specify make ,type and attach brochures	(Y/N)
u)	Ambu bag with face mask supplied (for adults and Paediatrics)	Yes	(Y/N)
v)	Fire extinguisher supplied.	Yes, specify make, type and size	(Y/N)
11	IDENTIFICATION MARKS		
a)	Rear, left and right sides to be fitted with suitable size cross sign.	Yes	(Y/N)
b)	Front ambulance window to have illuminated <b>AMBULANCE</b> , sign on it.	Yes Mandatory	(Y/N)
12	<u>WARRANTY</u>		
a)	Specimen of vehicle warranty to be submitted when tendering.	Yes	(Y/N)
b)	Each vehicle supplied to carry a statement of warranty.	Yes Mandatory	(Y/N)
c)	Warranty duration min., 24 Months or 50,000 Km whichever occurs first.	specify	Months Km
1	13 MANUALS		
a)	All literature in English language.	Yes	(Y/N)
b)	Repair manuals supplied.	Yes Mandatory	(Y/N)
c)	Parts catalogue supplied.	Yes Mandatory	(Y/N)
d)	Drivers handbook and service schedule supplied.	Yes Mandatory	(Y/N)
e)	Manufacturer's standard tool kit supplied.	Yes Mandatory	(Y/N)
14	OTHER REQUIREMENTS		
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act.	Yes Mandatory	(Y/N)
b)	Pre delivery inspection to be done by the Chief	Yes	(Y/N)

	Mechanical and Transport Engineer prior to delivery to the user	Mandatory	
c)	Franchise holder (representative in Kenya) If not, specify relationship with the Franchise holder	Yes Specify whether agent/dealer	(Y/N)
d)	Availability of spares	Indicate motor vehicle dealers who stock spare parts	(Y/N)
e)	Names and addresses of dealers/agents where back- up service can be obtained indicating the location of the workshop facilities		

#### MTD-979-044-16 MICROBUS, AMBULANCE, 2400-2800cc, DIESEL

SPECIFICATION NO. MTD-979-044-16	Page 65 of 116	
TENDERER'S NAME	NO	:
TENDER NO:	ITEM NO:	QTY:

DESCRIPTION: MICROBUS, AMBULANCE, 2400-2800cc, DIESEL

#### TENDERER'S Column to be completed by ALL TENDERER'S

SPECIFICATION	REQUIREMENT	TENDERER'S
MAKE	-	
MODEL	-	
COUNTRY OF ORIGIN	_	
MANUFACTURER'S LITERATURE , AUTHORITY AND SPECIFICATIONS SUPPLIED	Yes mandatory	(Y/N)

#### 1. GENERAL

MOT&I/MTD/QMS/244

a)	A Standard production 4 door micro bus ambulance of latest design in current production.	Yes, Yes, Yes	(Y/N)
b)	Supplied new.	Yes	(Y/N)

c)	Designed to heavy duty export specifications, suitable of operating in tropical conditions	Yes, Yes	(Y/N)
d)	Suitable for patients transportation over paved and un-paved (rough) roads.	Yes	(Y/N)
e)	To be built as a two stretcher ambulance.	Yes	(Y/N)
2.	DIMENSIONS AND WEIGHTS		
a)	Overall length, approx.	4,700mm	mm
b)	Overall width, approx.	1,700mm	mm
c)	Overall height, approx.	2,000mm	mm
d)	Wheelbase, approx.	2,500mm	mm
e)	Max. G.V.W, approx.	2,700Kg	kg
f)	Kerb weight, approx.	1,500Kg	kg
g)	Passenger room height, min.	1,370mm	mm
h)	Passenger room length, min.	3020mm	mm
3.	ENGINE		
a)	Make	-	
b)	Model	-	
c)	Country of origin	-	
d)	Engine performance curves supplied.	Yes	(Y/N)
e)	Engine type, Diesel	Yes	(Y/N)
f)	4 Stroke, water cooled.	Yes, Yes	(Y/N)
g)	Piston displacement range.	2,400-2,800cc	cc
h)	Number of cylinders	4	
i)	Maximum power output, /rpm.	70 Kw 4,800rpm	Kw rpm
j)	Maximum torque developed /rpm.	175Nm/2,800rpm	Nm rpm
k)	Air filter, disposable/oil bath	specify	
1)	Oil and fuel filter type	Disposable	
m)	Average fuel consumption (on full load) at a) Urban driving	specify	

			Km/l
	b) Steady 50Km/h	specify	Km/l
	c) Steady 80Km/h	specify	Km/l
n)	Fuel tank capacity, approx.	60Lt	Lt
o)	Extra fuel tank fitted.	specify	
4.	CLUTCH AND TRANSMISSION		
a)	Clutch, coil spring type, dry single plate,		
		specify	
b)	All synchromesh gearbox.	Yes	(Y/N)
c)	Gear speeds, min	4F,1R	
5.	BRAKES AND TYRES		
a)	Brakes, hydraulic - internal expanding drum	Yes, Yes	(Y/N)
b)	Mechanical parking brake, to act on rear wheels	Yes	(Y/N)
c)	Locally available single purpose tires	Yes	(Y/N)
d)	Optimum tire size	600-13,8PR	
6.	SUSPENSION AND STEERING		
a)	Independent, heavy duty front and rear suspension	Yes, Yes	(Y/N)
b)	Heavy duty leaf and coil springs with hydraulic (telescopic) shock absorbers.	specify front rear	
c)	Assisted steering	Yes	(Y/N)
d)	Right Hand drive steering	Yes	(Y/N)
7.	ELECTRICAL SYSTEM AND INSTRUMENTS		
a)	System voltage, negative earth, with alternator charging	12V, Yes, Yes	
b)	Battery capacity, approx.	1x12V, 50Ah	
c)	Full lighting to conform to Cap 403	Yes	(Y/N)

	Subs.23-Kenya Traffic Act.		
d)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc.	Yes	(Y/N)
8.	SPECIAL FITTINGS	,	
a)	One full length (on one side) stretcher carrier to fit and lock (in position) one standard hospital stretcher, above wheel arch.	Yes	(Y/N)
b)	Standard hospital stretcher fitted.	Specify material ,size 550mmx1900mm	material size
c)	2 piece foldable foam bench with hard wearing water proof uphostery, to be able to seat patients, or take one lying down, supplied with back rest, and lockers underneath.	Yes	(Y/N)
d)	Full length chrome plated roof hand rail fitted.	Yes	(Y/N)
e)	2no.internal grip handles fitted at rear to support patients entering the ambulance.	Yes	(Y/N)
f)	Seats with safety belts conforming to KEBS 06-664: 1985 standard, fitted at front of ambulance for attendants with space underneath for first aid kit.	Yes	(Y/N)
g)	Two tone siren fitted.	Yes	(Y/N)
h)	Amber, turning (flasher) lamps, mounted on the ambulance roof. min.	1	
i)	Buzzer fitted in cabin, to be operated from the front of the ambulance cell.	Yes	(Y/N)
j)	2no. roof lamps(one above attendants seat and other above stretcher) with independent switches fitted in ambulance.	Yes	(Y/N)
k)	2x12V sockets, plugs and switches fitted conveniently in ambulance cell.	Yes	(Y/N)
1)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)
m)	Drinking water tank fitted in ambulance, stainless steel, round, capacity.	Yes,Yes,Yes,10litres	(Y/N)
n)	Search (spot) light fitted at front, operated by the	Yes	(Y/N)

	driver.		
o)	Rear search (spot) light fitted.	Yes	(Y/N)
p)	Sliding-hook for Intravenous apparatus fitted laterally at centre of ambulance.	Yes	(Y/N)
q)	First aid kit supplied.	Specify size, type and list items	
r)	Oxygen unit set with medium size oxygen cylinder, pressure regulator, flow meter, mucus aspirator and inhalation mask supplied.	Yes Specify make, details and attach literature	(Y/N)
t)	Partition panel between driver and patient compartment fitted.	Yes	(Y/N)
u)	Linoleum on plywood floor fitted.	Yes	(Y/N)
v)	Secure, lockable spare wheel carrier fitted on ambulance roof or any other convenient place.	Yes	(Y/N)
w)	Fire extinguisher supplied.	Yes	(Y/N)
9	IDENTIFICATION MARKS		
a)	Rear, left and right sides to be fitted with suitable size cross sign.	Yes	(Y/N)
b)	Front ambulance window to have illuminated AMBULANCE sign above it.	Yes	(Y/N)
9.	EQUIPMENT (ACCESSORIES) ETC		
a)	Heavy duty front fender, fitted	Yes	(Y/N)
b)	Jack, wheel brace and manufacturer's standard tools, supplied.	Yes	(Y/N)
c)	Sunvisors supplied, 2no.	Yes	(Y/N)
d)	Rear view mirrors supplied, 2no. external, 1no. internal.	Yes	(Y/N)
e)	FM, MW, SW radio fitted.	Yes	(Y/N)
f)	CD changer fitted.	Yes	(Y/N)
c)	Any other equipment supplied.	specify	

10.	WARRANTY		
a)	Each vehicle supplied should carry a statement of warranty.	Yes	(Y/N)
b)	Vehicle warranty min., 40,000 Km or 12 Months whichever occurs first.	specify	Km Months
11.	MANUALS		
a)	All literature in English language	Yes	(Y/N)
b)	Repair Manual, supplied.	1 per Vehicle	(Y/N)
c)	Parts catalogue, supplied	One set per vehicle	(Y/N)
d)	Drivers handbook and service schedule supplied.	1 per Vehicle	(Y/N)
12.	OTHER REQUIREMENT		
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act and to have a certificate from the vehicle inspection centre.	Yes (Mandatory)	(Y/N)
b)	Ambulance to be inspected by the Chief Mechanical and Transport Engineer prior to delivery to the user.	Yes	(Y/N)
c)	Vehicle to be registered with the registrar of motor vehicles.	Yes (Mandatory)	
d)	Firm@s Status: (Franchise holder/ Dealer/Agent)	Specify	
e)	Availability of spares	Indicate motor vehicle dealers who stock spare parts.	
f)	Indicate names and physical addresses of dealers/agents where back-up service can be obtained.	Specify	
g)	Body construction and all fitments to conform to CAP 403 Kenva Traffic Act.	Yes (Mandatory)	(Y/N)

# MTD – 1856 – 401 – 16 SINGLE CAB P/UP AMBULANCE, 4x4, L.W.B, 2200-3200cc, DIESEL.

#### MOR/MTD/QMS/96

SPECIFICATION:	MTD – 1856 – 401 – 16		
		Page 71 of 13	
<b>TENDERER'S NAME:</b>		NO.	
TENDER NO:	ITEM NO:	QTY:	
DESCRIPTION: SINGLE CAB P/UP AMBULANCE, 4x4, L.W.B, 2200-3200cc, DIESEL.			

# TENDERER'S Column to be completed by tenderer

	SPECIFICATION	REQUIRED	TENDERER'S
	Make	1	
	Model	-	
	Country of origin	-	
	Manufacturer's literature and specifications supplied.	Yes (Mandatory)	(Y/N)
1.	<u>GENERAL</u>		
a)	A standard production, 4x4 diesel, single cab pick up ambulance of latest design in the class, robust construction in current production.	Yes,Yes,Yes	(Y/N)
b)	Supplied new.	Yes	(Y/N)
c)	Designed to heavy duty specifications, capable of operating in tropical conditions in extremes of mud and dust.	Yes, Yes	(Y/N)
d)	Most suitable for operating on both "on and off" road conditions.	Yes	(Y/N)
e)	Built and specially equipped for emergency medical interventions/ intensive care and to transport the sick / injured to and from hospital.	Yes	(Y/N)
f)	Any items not included in this specification but which are deemed necessary for the operation of the	Yes (Mandatory)	(Y/N)

Doverall width, approx.		equipment shall be fitted/supplied.		
Dowerall width, approx.	2.	DIMENSIONS, WEIGHTS AND PERFORMAN	NCE	
c)         Overall height, approx.         1,800 mm         mm           d)         Wheelbase, approx.         2,900 mm         mm           e)         Max, G.V.W., approx.         2,800 Kg         Kg           f)         Kerb weight, approx.         1,100 Kg         Kg           h)         Turning radius, approx         6,000 mm         mm           3.         ENGINE	a)	Overall length, min.	4,700 mm	mm
d)         Wheelbase, approx.         2,900 mm         mm           e)         Max. G.V.W., approx.         2,800 kg         Kg           f)         Kerb weight, approx.         1,700 kg         Kg           f)         Pay load, approx.         1,100 kg         Kg           h)         Turning radius, approx         6,000 mm         mm           3. ENGINE           a)         Make         -         -           b)         Model         -         -           c)         Country of origin         -         -           d)         Engine performance curves supplied.         Yes         (Y/N)           e)         Engine type Diesel, 4 Stroke.         Yes, Yes         (Y/N)           f)         Engine cooling system, water.         Yes         (Y/N)           g)         Piston displacement.         2,200 - 3,200 cc         cc           h)         Number of cylinders.         Specify         No.           i)         Maximum power output / rpm, approx.         75Kw/4000rpm         HP/rpm           j)         Maximum torque developed / rpm, approx.         175NM/2000rpm         NM/rpm           k)         Air filter, disposable/oil bath         Specify	b)	Overall width, approx.	1,700 mm	mm
e) Max. G.V.W., approx.	c)	Overall height, approx.	1,800 mm	mm
f)         Kerb weight, approx.         1,700 Kg         Kg           f)         Pay load, approx.         1,100 Kg         Kg           h)         Turning radius, approx         6,000 mm	d)	Wheelbase, approx.	2,900 mm	mm
Turning radius, approx	e)	Max. G.V.W., approx.	2,800 Kg	Kg
Turning radius, approx   6,000 mm   mm	f)	Kerb weight, approx.	1,700 Kg	Kg
3.   ENGINE	f)	Pay load, approx.	1,100 Kg	Kg
a)   Make	h)	Turning radius, approx	6,000 mm	mm
Description	3.	<u>ENGINE</u>		
c) Country of origin d) Engine performance curves supplied.  Yes (Y/N) e) Engine type Diesel, 4 Stroke. f) Engine cooling system, water. g) Piston displacement. h) Number of cylinders. j) Maximum power output / rpm, approx. j) Maximum torque developed / rpm, approx. h) Air filter, disposable/oil bath j) Oil and fuel filter type. h) Oil and fuel filter type.  Maverage fuel consumption (on full load) at a) Urban driving b) Steady 50 Km/h c) Steady 80 Km/h c) Steady 80 Km/h specify c) Extra fuel tank fitted. h) Fuel tank capacity, approx. c) Extra fuel tank fitted. f) Capacity c) Capacity c) Yes, Yes, Yes c) Yes, Yes, Yes c) Yes, Yes, Yes c) Yes, Yes, Yes c) Country of origin c) Pyes (Y/N) c) Steady 50 Km/h specify Steady 50 Km/	a)	Make	-	
d) Engine performance curves supplied.  Yes (Y/N) e) Engine type Diesel, 4 Stroke. Function of cylinders. Number of cylinders. No. Number of cylinders. Specify No. No. Number of cylinders. Specify No. Number of cylinders. Numper output / rpm, approx. Numper output / rpm, app	b)	Model	-	
Yes	c)	Country of origin	-	
f) Engine cooling system, water.  g) Piston displacement.  2,200 - 3,200 cc  cc h) Number of cylinders.  Specify  No. i) Maximum power output / rpm, approx.  75Kw/4000rpm  HP/rpm j) Maximum torque developed / rpm, approx.  175NM/2000rpm  NM/rpm  k) Air filter, disposable/oil bath  Specify  Oil and fuel filter type.  Disposable  m) Average fuel consumption (on full load) at a) Urban driving  Specify  Specify  Km/l c) Steady 50 Km/h c) Steady 50 Km/h specify  Specify  Km/l c) Steady 80 Km/h Specify  Specify  Km/l c) Steady 80 Km/h specify  Extra fuel tank capacity, approx.  75 Lt Lt o) Extra fuel tank fitted. Yes  (Y/N) Specify  Lt 4. CLUTCH AND TRANSMISSION a) Clutch type, dry, single plate diaphragm type. Yes, Yes, Yes	d)	Engine performance curves supplied.	Yes	(Y/N)
g) Piston displacement.	e)	Engine type Diesel, 4 Stroke.	Yes, Yes	(Y/N)
h) Number of cylinders.  i) Maximum power output / rpm, approx.  75Kw/4000rpm  HP/rpm  j) Maximum torque developed / rpm, approx.  175NM/2000rpm  NM/rpm  k) Air filter, disposable/oil bath  Specify  Oil and fuel filter type.  Disposable  Myrame  Average fuel consumption (on full load) at a) Urban driving  b) Steady 50 Km/h  c) Steady 80 Km/h  Specify  Km/l  c) Steady 80 Km/h  Specify  Km/l  The specify  Specify  Specify  Specify  Specify  Specify  Km/l  Specify  Km/l  Specify  Km/l  C) Steady 80 Km/h  Specify  Specify  Specify  Km/l  Specify  Spe	f)	Engine cooling system, water.	Yes	(Y/N)
i) Maximum power output / rpm, approx. 75Kw/4000rpm HP/rpm j) Maximum torque developed / rpm, approx. 175NM/2000rpm NM/rpm k) Air filter, disposable/oil bath Specify l) Oil and fuel filter type. Disposable m) Average fuel consumption (on full load) at a) Urban driving Specify Km/l b) Steady 50 Km/h Specify Km/l c) Steady 80 Km/h specify Km/l n) Fuel tank capacity, approx. 75 Lt Lt o) Extra fuel tank fitted. Yes (Y/N) Capacity specify Lt  4. CLUTCH AND TRANSMISSION a) Clutch type, dry, single plate diaphragm type. Yes, Yes, Yes	g)	Piston displacement.	2,200 - 3,200 cc	cc
j) Maximum torque developed / rpm, approx. 175NM/2000rpm NM/rpm  k) Air filter, disposable/oil bath Specify	h)	Number of cylinders.	Specify	No.
k) Air filter, disposable/oil bath Specify  1) Oil and fuel filter type. Disposable  m) Average fuel consumption (on full load) at	i)	Maximum power output / rpm, approx.	75Kw/4000rpm	HP/rpm
Disposable       Average fuel consumption (on full load) at   a) Urban driving   Specify   Km/l   b) Steady 50 Km/h   Specify   Km/l   c) Steady 80 Km/h   specify   Km/l   n) Fuel tank capacity, approx.   75 Lt   Lt   o) Extra fuel tank fitted.   Yes   (Y/N)   n) Capacity   specify   Lt   4. CLUTCH AND TRANSMISSION   Yes, Yes, Yes	j)	Maximum torque developed / rpm, approx.	175NM/2000rpm	NM/rpm
m) Average fuel consumption (on full load) at a) Urban driving Specify Specify Specify Specify Specify C) Steady 50 Km/h Specify Speci	k)	Air filter, disposable/oil bath	Specify	
a) Urban driving  b) Steady 50 Km/h  c) Steady 80 Km/h  Specify  Km/l  Specify  Km/l  Specify  Km/l  Specify  Km/l  Specify  Km/l  Specify  Lt  Specify  Km/l  Specify  Km/l  Specify  Km/l  Specify  Mark  Specify  Specify  Mark  Specify  Clutch type, dry, single plate diaphragm type.  Specify  Specif	1)	Oil and fuel filter type.	Disposable	
c) Steady 80 Km/h specifyKm/l  n) Fuel tank capacity, approx. 75 LtLt  o) Extra fuel tank fitted. Yes(Y/N)  n) Capacity specifyLt  4. CLUTCH AND TRANSMISSION  a) Clutch type, dry, single plate diaphragm type. Yes, Yes, Yes	m)	· · · · · · · · · · · · · · · · · · ·	Specify	Km/l
n) Fuel tank capacity, approx. 75 LtLt o) Extra fuel tank fitted. Yes(Y/N) n) Capacity specifyLt  4. CLUTCH AND TRANSMISSION a) Clutch type, dry, single plate diaphragm type. Yes, Yes, Yes		b) Steady 50 Km/h	Specify	Km/l
n) Fuel tank capacity, approx. 75 LtLt o) Extra fuel tank fitted. Yes(Y/N) n) Capacity specifyLt  4. CLUTCH AND TRANSMISSION a) Clutch type, dry, single plate diaphragm type. Yes, Yes, Yes		c) Steady 80 Km/h	specify	Km/l
n) Capacity specifyLt  4. CLUTCH AND TRANSMISSION  a) Clutch type, dry, single plate diaphragm type. Yes, Yes, Yes	n)	<u> </u>	1 1	Lt
n) Capacity specifyLt  4. CLUTCH AND TRANSMISSION  a) Clutch type, dry, single plate diaphragm type. Yes, Yes, Yes	,		Yes	(Y/N)
a) Clutch type, dry, single plate diaphragm type. Yes, Yes, Yes			specify	Lt
		CLUTCH AND TRANSMISSION		
b) Hydraulic, clutch actuation. Yes(Y/N)	a)	Clutch type, dry, single plate diaphragm type.	Yes, Yes, Yes	
	b)	Hydraulic, clutch actuation.	Yes	(Y/N)

c)	Manual I synchromesh gearbox	Yes	(Y/N)
d)	Transmission speeds	5F/1R	speed
e)	Limited slip differential/Differential lock.	Yes	(Y/N)
f)	Freewheeling (front) hubs fitted.	Yes	(Y/N)
g)	Drive configuration	4x4	(Y/N)
5.	BRAKES AND TYRES		
a)	Hydraulic actuation with anti lock braking system (Abs).	Yes	(Y/N)
b)	Brakes, disc at front or all round	Specify front	
		Rear	
c)	Mechanical Parking brake, to act on rear wheels	Yes	(Y/N)
d)	Tire (size) locally available.	Yes	(Y/N)
e)	Optimum tire size.	Specify	
6.	SUSPENSION AND STEERING		
a)	Independent Heavy duty front and rear suspension.	Yes	(Y/N)
b)	Heavy-duty coil springs with telescopic dampers.	Yes	
c)	Power steering.	Yes (Mandatory)	
d)	Right hand drive steering.	Yes	(Y/N)
7.	ELECTRICAL SYSTEM AND INSTRUMENTS		
a)	System voltage, negative earth, with alternator charging.	12V, Yes	(Y/N)
b)	Battery capacity.	1x12V,80AH	AH
c)	Full lighting to conform to Cap.403 Subs.23 Kenya Traffic Act.	Yes	(Y/N)
d)	Standard instruments and gauges (or warning lights) for charging circuit, oil pressure, coolant temperature etc	Yes, Yes, Yes	(Y/N)
8	EQUIPMENT		
a)	Heavy duty front fender fitted.	Yes	(Y/N)
b)	Heavy duty towing hitch and hook at rear and front respectively.	Yes	(Y/N)

c)	Sun visors supplied.	Yes	(Y/N)
d)	Rear view mirrors, external 2 No. and inside 1 No. supplied.	Yes, Yes	(Y/N)
e)	Spare wheel and external carrier with lock fitted.	Yes	(Y/N)
f)	Manufacturer's standard tools supplied.	Yes, Yes	(Y/N)
g)	Cab to seat 3 comfortably, drivers seat adjustable and safety belts provided for all forward facing seats to conform to KEBS 06-664:1985 STANDARD.	Yes, Yes, Yes	(Y/N)
h)	Extra heavy duty suspension - i.e. 2 double traction shock absorbers at rear and front respectively.	front 2	
		rear 2	
i)	Air conditioner	Yes	(Y/N)
i)	Suitable jack and wheel spanner provided	Yes	(Y/N)
k)	Radio with FM, MW, SW and CD changer	Yes	(Y/N)

#### **B** BODY CONSTRUCTION

#### 9. GENERAL

a)	Detailed engineering drawings of body supplied.	Yes Mandatory	(Y/N)
b)	An all steel /Aluminium/ light alloy fabricated body.	Yes Specify material	(Y/N)
c)	All body construction and installations to comply with the chassis manufacturer's specifications	Yes	(Y/N)
10.	BODY DIMENSIONS		
a)	Outside Length appr.	2000mm	mm
b)	Outside width appr.	1500mm	mm
c)	Inside height appr.	1500mm	mm
11.	BODY CONSTRUCTION		,

a)	Body panels to be suitably secured by sealed rivets/spot welding	Specify method	
b)	Lockable (with key from inside and outside) 1/2No. Door/s fitted at the rear of the body. i) Overall height, approx. ii) Overall width, approx.	1300mm 1200mm	mm mm
c)	Rear door/s suitably hinged and to open outwards.	180°	o
d)	Non-slip (chequered) steps provided for all doors.	Yes	(Y/N)
c)	A suitable door with lock fitted on LHS of rear body.	Yes	(Y/N)
e)	Sliding windows at each side i) Number ii) Height iii) Width	2no. 540mm 750mm	no. mm mm
f)	Windows to be suitably reinforced with metal grill.	Yes	Y/N
g)	Non-opening window to be fitted on the rear door.	specify window dimensions.	
12.	OTHER CONSTRUCTION DETAILS.		
a)	Roof reinforced at two positions, equidistant from roof centre lengthwise.	400mm	mm
b)	Body rear and doors suitably reinforced. (to be shown on the drawing)	Yes	(Y/N)
c)	Provide runner to channel away water.	Yes	(Y/N)
d)	Any other reinforcements.	Specify	
C. 13.	SPECIAL FITTINGS AND EQUIPMENTS	1	
a)	Equipment for handling, restraint and transport:		(Y/N)
	i. One full length detachable stretcher fitted.	Yes(Mandatory)	(1/14)

	Movable backward and forward, fixed on the RHS of rear cabin. With foldable supports and trolleys for ease of movement of patients to the ambulance.	Tick items to be supplied and attach detailed brochures	
a) ii.	Vacuum splints, mattresses, wheel chair, sheet/transfer sheet, stretcher supports, stretcher immobilization for immobilization	Yes(Mandatory)  Tick items to be supplied and attach detailed brochures	(Y/N)
b)	1 piece foldable foam bench with hard wearing water proof upholstery and able to seat at least 4 people.	Yes	(Y/N)
c)	Full length chrome plated roof hand rail fitted.	Yes	(Y/N)
d)	2no.internal grip handles fitted at rear to support patients entering the ambulance.	Yes	(Y/N)
e)	Two tone siren fitted.	Yes	(Y/N)
f)	Amber, turning (flasher) lamps, mounted on the roof.	Yes	(Y/N)
g)	Portable radio station, furniture, intercom, acoustic system for public speaking, buzzer fitted in ambulance and to be operated from the front of the ambulance.	Yes(Mandatory)  Tick items to be supplied and attach detailed brochures	(Y/N)
h)	Electrical ventilation fan fitted in ambulance cell.	Yes	(Y/N)
i)	Sliding-hook for Intravenous apparatus fitted laterally at centre of ambulance.	Yes	(Y/N)
j)	First aid kit supplied.	Specify size and attach brochure	
k)	Equipment for resuscitation-breath:		
	i. Fixed and portable installation-Oxygen unit set with medium size oxygen cylinder, pressure regulator, flow meter, and mucus aspirator and	Yes(Mandatory)  Tick items to be	(Y/N)

	inhalation mask supplied. (1.8m³ capacity). ii.Vacuum for secretions, tracheal intubation equipment, laryngoscope, light ventilation equipment.	supplied and attach detailed brochures	
1)	Monitoring equipment-defibrillation-evaluation-drugs administration/solutions:  Defibrillator, pulse oximeter, manual tonometer, lamp for pupils examination, injector tools, heating system for infusions, infusion system with pressure meter, reflex hammer, automatic tonometer, capnometry tools, central thermometer	Yes(Mandatory)  Tick items to be supplied and attach detailed brochures	(Y/N)
m)	Sanitary materials:  Probes (intubation, aspiration), syringes, infusion sets, dressings, bandages, intravenous tubes, insulation foils for burns, replanting freezer container, suitcase for rapid intervention, special intervention kits(minitracheostomy, urinary probing, stomach probing), cannulas for central intravenous access and needles for paediatric intra-bone access.	Yes(Mandatory)  Tick items to be supplied and attach detailed brochures	(Y/N)
n)	Protective equipment:  Overalls, gloves, boots, helmet, glasses.	Yes(Mandatory) Tick items to be supplied and attach detailed brochures	(Y/N)
o)	Secure, lockable spare wheel carrier fitted on ambulance roof or any other convenient place.	Yes	(Y/N)
p)	Fire extinguisher supplied.	Yes	(Y/N)
q)	Drip Stand/flow metre	Yes	(Y/N)
r)	Stainless steel metal bin, 9 lts	Yes	(Y/N)

s)	Curtain rails with curtains.	Yes	(Y/N)
t)	Removable hand wash basin, tap and container.	Yes specify	(Y/N)
u)	Medical equipment storage facility.  a) Under bench seats b) Wooden/cardboard cabinets with necessary compartments.	Yes specify	(Y/N)
14	IDENTIFICATION MARKS		
a)	Rear, left and right sides to be fitted with suitable size cross signs.	Yes	(Y/N)
b)	Front ambulance window to have illuminated <b>AMBULANCE</b> , sign on it.	Yes Mandatory	(Y/N)
15)	BODY FINISH AND PAINTING		
a)	All exterior body panels made non-corrosive and all external steel / metal fittings to be galvanized or painted, (colour to be specified by user).	Yes, Yes	(Y/N)
b)	Anti-rust compound applied under body for seaside operation.	Yes Specify compound	(Y/N)
16.	WARRANTY		
a)	Specimen of warranty to be submitted when tendering.	Yes	(Y/N)
b)	Each vehicle/equipment supplied to carry a statement of warranty.	Yes Mandatory	(Y/N)
c)	Warranty duration min, 12 Months or 40,000 Km whichever occurs first.	Specify	Km
17.	MANUALS	ı	

a)	All literature in English language.	Yes	(Y/N)
b)	Repair manuals/CD supplied.	Specify which available 1 per vehicle/equipment Mandatory	(Y/N)
c)	Parts catalogue/CD supplied.	Specify which available 1 per vehicle/equipment Mandatory	(Y/N)
d)	Owners handbooks and service schedule supplied.	1 per vehicle/equipment	(Y/N)
18.	OTHER REQUIREMENTS		
a)	Body construction and all fitments to conform to CAP 403 Kenya Traffic Act and have a certificate from the vehicle inspection unit.	Yes Mandatory	(Y/N)
b)	Vehicle to be inspected by the Chief Mechanical and Transport Engineer for compliance with the specifications during body construction and prior to delivery to the user.	Yes Mandatory	(Y/N)
c)	Chevrons and reflectors fitted on rear to conform to Kenya Traffic Act.	Yes	(Yes/No)
d)	Franchise holder (representative in Kenya) If not, specify relationship with the Franchise holder	Yes Specify whether agent/dealer	(Y/N)
e)	Availability of spare parts.	Indicate dealers who stock spare parts.	
f)	Names and addresses of dealers/agents where back- up service can be obtained indicating the location of the workshop facilities.	Specify	
g)	Firm to offer local training services for the drivers on daily maintenance checks and operation of the vehicle for a minimum of two days.	Yes Specify number of days.	(Y/N)

#### SECTION VII - EVALUATION CRITERIA

7.1 Preliminary evaluation of tenders shall be done on the basis of the following criteria.

Whether or not: -

- a) The tender has been submitted in the required format.
- b) The tender security submitted is in the required form, amount and validity period.
- c) The tender form has been signed by the person lawfully authorized to do so.
- d) The required numbers of copies of the tender have been submitted.
- e) The tender is valid for the period required
- f) All required documents and information have been submitted.
- g) Samples / Brochures have been submitted accordingly.
- 7.2 Upon completion of Preliminary Evaluation, Technical Evaluation shall then be done by comparing each tender to the technical requirements in the tender document.
- 7.3 Non conforming tenders will be rejected at this stage and only technically compliant tenders will be subjected to financial evaluation.
- 7.4 TENDERERS ARE ADVISED TO QUOTE THEIR BID PRICES IN THE ORIGINAL PRICE SCHEDULE PROVIDED IN THIS TENDER DOCUMENT. INTRODUCTION OF A PRICE SCHEDULE DIFFERENT FROM THE ONE PROVIDED IN THIS DOCUMENT IN SECTION (VI) WILL LEAD TO DISQUALIFICATION.
- 7.7 The tenderer will be required to submit the following evidence as prove of qualifications to perform the contract if its tender is accepted:
  - a.) In the case of a tenderer offering to supply good under the contract that the bidder manufactures or otherwise produces (using ingredients supplied by primary manufacturers) satisfactory evidence that the bidder,
    - i) Has manufactured and marketed the offered goods for two (2) years and similar goods for at least 5 years.
    - ii) Has demonstrated compliance with the relevant quality standards.

In addition to (i) & (ii) above the tenderer shall also submit the following information:

- iii) a statement of installed manufacturing capacity
- iv) Copies of its audited financial statements
- v) details of on-site quality control facilities and services and range of tests conducted.
- b.) In the case of a bidder offering to supply goods under the contract that the bidder does not manufacture, satisfactory evidence that the bidder:
  - i) has been duly authorized by the manufacturer(s) of the goods that meets the criteria under (a) above to supply the goods in the purchaser's country and

ii) has marketed the offered goods in this country.

In addition to (i) & (ii) above the tenderer shall also submit the following information:

- iii) list of major supply contracts concerning goods mentioned above.
- iv) copies of its audited financial statements.

#### SECTION VII - STANDARD FORMS

Notes on the sample Forms

- **7.1** Form of TENDER The form o tender must be completed by the tenderer and submitted with the tender documents. It must also be duly signed by duly authorized representatives of the tenderer.
- **7.2** Confidential Business Questionnaire Form This form must be completed by the tenderer and submitted with the tender documents.
- **7.3** Tender Security Form When required by the tender documents the tender shall provide the tender security either in the form included herein or in another format acceptable to the procuring entity.
- **7.4** Contract Form The Contract Form shall not be completed by the tenderer at the time of submitting the tender. The Contract Form shall be completed after contract award and should incorporate the accepted contract price.
- **7.5 Performance Security Form** The performance security form should not be completed by the tenderers at the time of tender preparation. Only the successful tenderer will be required to provide performance security in the form provided herein or in another form acceptable to the procuring entity.
- **7.6** Bank Guarantee for Advance Payment Form When Advance payment is requested for by the successful bidder and agreed by the procuring entity, this form must be completed fully and duly signed by the authorized officials of the bank.
- **7.7 Manufacturers Authorization Form** When required by the ender documents this form must be completed and submitted with the tender documents. This form will be completed by the manufacturer of the goods where the tenderer is an agent.
- **7.8** Letter of Notification of Award This form will be used by the procuring to notify the successful tenderers after contract award. Both the successful and unsuccessful tenderer shall be notified of the results of contract award at same time.

7.1	-	FORM OF TENDI	
		Dat Ter	e der No
To: _		101	
[n	ame and ad	dress of procuring enti	tyl
Gentl	emen and/or	Ladies:	
1. Nos.	Having examendation with the Having examends were the Having example of the Having examp	mined the tender docum 	ents including Addenda  rs/.the receipt of which is hereby duly o supply deliver, install and commission ( ipment description) in conformity with the said (total tender
amou	nt in words a	and figures) or such other	sums as may be ascertained in accordance with the nade part of this Tender.
2.			pted, to deliver install and commission the equipment dule specified in the Schedule of Requirements.
<i>3.</i>	If our Tender is accepted, we will obtain the guarantee of a bank in a sum of equivalent to percent of the Contract Price for the due performance of the Contract, in the form prescribed by		
4.	We agree to abid 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.		
<i>5</i> .	This Tender, together with your written acceptance thereof and your notification of award, shall constitute a Contract, between us. Subject to signing of the Contract by the parties.		
6.	We unders receive.	tand that you are not b	ound to accept the lowest or any tender you may
Dated	this	day of	20
[signa	ture]	[in the capa	acity of]
Duly	authorized to	sign tender for an on be	chalf of

#### Supplies Branch; Tender No. SB/8/2013/2014: Supply of Trucks, High Sided, 4×4

#### **7.2** - 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 applied to your type of business

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

Part 1 - General:

Business Name						
Location of business premises.						
Plot No		Street/Road				
Postal Address	Postal Address E mail E mail					
Nature of Business ,						
Registration Certificate No						
Maximum value of business wh	nich you can handle at any on	e time - Kshs				
Name of your bankers		Brancl	1			
I	Part 2 (a) - Sole Proprietor					
Your name in full		A	<b>1</b> ge			
Nationality		Country of origin				
Citizenship details						
Pa	art 2 (b) Partnership					
Given details of partners as foll	.ows:					
Name	Nationality	Citizenship Details	Shares			
1						
	Part 2 (c) – Registered Comp					
Private or Public		-				
State the nominal and issued ca						
	арнагог сотграну-					
Given details of all directors as		Chianal a Datala	C1			
Name	Nationality	Citizenship Details	Shares			
1	•••••					
2						
4						
5						
Date		Signature of Candidate				

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

## **7.3** - TENDER SECURITY FORM

Whereas
(hereinafter called "the Tender")
by these presents that WE of
having our registered office at
(hereinafter called "the Bank"), are bound unto [name of Procuring entity]
(hereinafter called "the Procuring entity") in the sum of for which
payment well and truly to be made to the said Procuring entity, the Bank binds itself, its successors,
and assigns by these presents. Sealed with the Common Seal of the said Bank this
day of
1. If the tenderer withdraws its Tender during the period of tender validity specified by the tenderer on the Tender Form; or
2. If the tenderer, having been notified of the acceptance of its Tender by the Procuring entity during the period of tender validity:
(a) fails or refuses to execute the Contract Form, if required; or
(b) fails or refuses to furnish the performance security in accordance with the Instructions to tenderers;
We undertake to pay to the Procuring entity up to the above amount upon receipt of its first written demand, without the Procuring entity having to substantiate its demand, provided that in its demand the Procuring entity will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.
This tender guarantee will remain in force up to and including thirty (30) days after the period of tender validity, and any demand in respect thereof should reach the Bank not later than the above date.
[signature of the bank]
(Amend accordingly if provided by Insurance Company)

#### **7.4** - CONTRACT FORM

(herei	inafter ca	EMENT made the [name of Procureralled "the Procuring [city and	<i>nent entity)</i> entity) of th	of ne one part ar	[ <i>country of Proc</i> nd	curement entity]
tende	rer for th		ods in the s	sum of		as accepted a tender by the [contract price in
NOW	THIS A	GREEMENT WIT	NESSETH	AS FOLLOV	VS:	
1.	In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to:					
2.	The following documents shall be deemed to form and be read and construed as part of this Agreement viz:  (a) the Tender Form and the Price Schedule submitted by the tenderer  (b) the Schedule of Requirements  (c) the Technical Specifications  (d) the General Conditions of Contract  (e) the Special Conditions of contract; and  (f) the Procuring entity's Notification of Award					
3.	In consideration of the payments to be made by the Procuring entity to the tenderer as hereinafter mentioned, the tender hereby covenants with the Procuring entity to provide the goods and to remedy defects therein in conformity in all respects with the provisions of the Contract					
4. The Procuring entity hereby covenants to pay the tenderer in consideration of the provisions of the goods and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the contract. IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance						
		pective laws the day			_	e executed in accordance
Signe	ed, sealed	l, delivered by	the		(for the Proce	uring entity
Signed, sealed, delivered by the (for the tenderer in the presence of						
(Amer	nd accor	dingly if provided b	y Insurance	Company)		_

85 of 38

# 7.5 PERFORMANCE SECURITY FORM To ..... [name of Procuring entity] WHEREAS ...... [name of tenderer] (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 figure] and we undertake to pay you, upon your first written demand declaring the tenderer to be in default under the Contract and without cavil or argument, any sum or sums within the limits of ...... [amount of guarantee] as aforesaid, without you needing to prove or to show grounds or reasons for your demand or the sum specified therein. This guarantee is valid until the \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_ Signed and seal of the Guarantors [name of bank or financial institution]

[address]

[date]

<b>7.6</b> -	BANK GUARANTEE FOR ADVANCE PAYMENT FORM
То	
[name	e of Procuring entity]
[name of ten	der]
Gentlemen a	and/or Ladies:
amends the	the with the payment provision included in the Special Conditions of Contract, which the General Conditions of Contract to provide for advance payment,
called "the to proper and f	enderer") shall deposit with the Procuring entity a bank guarantee to guarantee its faithful performance under the said Clause of the Contract in an amount of [amount of guarantee in figures and words].
tenderer, agr surety merel of objection	
Contract to be made between	agree that no change or addition to or other modification of the terms of the performed there-under or of any of the Contract documents which may be the Procuring entity and the tenderer, shall in any way release us from any er this guarantee, and we hereby waive notice of any such change, addition, or .
-	tee shall remain valid in full effect from the date of the advance payment received rer under the Contract until [date].
Yours truly,	
Signature an	d seal of the Guarantors
	[name of bank or financial institution]
	[address]
	[date]

#### **7.7** - MANUFACTURER'S AUTHORIZATION FORM

To [name of the Procuring entity]	
WHEREAS	escription of hereby d
We hereby extend our full guarantee and warranty as per the General Conditions of Congoods offered for supply by the above firm against this Invitation for Tenders.	ntract for the
[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 competent.

#### **7.8** - LETTER OF NOTIFICATION OF AWARD

	Address of Procuring Entity				
To:					
RE: Tender No					
Tender Name					
This is to notify that the contract/s stated belo have been awarded to you.	ow under the above mentioned tender				
1. Please acknowledge receipt of this letter	r of notification signifying your acceptance.				
The contract/contracts shall be signed by the parties within 30 days of the date of sletter but not earlier than 14 days from the date of the letter.					
3. You may contact the officer(s) whose matter of this letter of notification of award.	- or y common and common property and common and c				
(FULL PARTICULARS)					

SIGNED FOR ACCOUNTING OFFICER