Government of India
Ministry of External Affairs

TENDER DOCUMENT FOR:

Package-I: Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (Right Hand Drive) to Tanzania

Package-II: Supply, Installation, Testing, Commissioning and Maintenance of 5 Ambulances (Left Hand Drive) to Mali

- **Tender No.: DPA-I/230/14/2017(T)/50/2016(M)/1**
- **Tender published : 16/08/2018**
- **Pre-bid Conference: 24/08/2018 at 1500 Hrs.**
- **Last date for sale of tender documents: 24/09/2018 at 1700 Hrs.**
- **Last date for Submission of Bids: 25/09/2018 at 1130 Hrs.**
- **Date of opening of technical bids: 26/09/2018 at 1200 Hrs.**
- **The Tender Document is available for downloading at www.mea.gov.in or www.eprocure.gov.in**

Development Partnership Administration-I
Ministry of External Affairs
Jawaharlal Nehru Bhawan
Janpath, New Delhi

Tender No.: DPA-I/230/14/2017(T)/50/2016(M)/1

Government of India
Ministry of External Affairs
Development Partnership Administration-I

NOTICE INVITING TENDER

Development Partnership Administration, Ministry of External Affairs, New Delhi invites sealed quotations on two bid system from the eligible and qualified bidders for Package-I: Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (Right Hand Drive) to Tanzania on CIF basis and Package-II: Supply, Installation, Testing, Commissioning and Maintenance of 5 Ambulances (Left Hand Drive) to Mali on CIF basis, as per the specifications given in this Tender.

Tender Document can be obtained from the Section Officer (DPA-I), Room No. 2121, Jawaharlal Nehru Bhawan (JNB), New Delhi on submission of a Bank Draft/Pay Order for **Rs. 2,500/-** (Rupees Two Thousand Five Hundred only), favouring "Pay and Accounts Officer, Ministry of External Affairs, New Delhi" between **1130 Hrs to 1700 hrs** on all working days till **24/09/2018**. It may also be downloaded from MEA website www.mea.gov.in or www.eprocure.gov.in**.** The sealed quotations would be accepted till **1130 hrs** on **25/09/2018**. Bidder should be submitted along with the bid EMD of **Rs. 15 lakhs** for Package-I (Tanzania) and **Rs.8,25,000/-** for Package-II (Mali)

Under Secretary (DPA-I),
Ministry of External Affairs
Room No 2011, 'B' Wing
Jawaharlal Nehru Bhawan
New Delhi – 110011
Tel: 011-49015397/49015420

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SECTION I

INVITATION FOR BIDS (IFB)

1. Development Partnership Administration-I, Ministry of External Affairs, New Delhi invites sealed bids in two bid system from eligible and qualified bidders for: Package-I: Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (Right Hand Drive) to Tanzania on CIF basis, and Package-II: Supply, Installation, Testing, Commissioning and Maintenance of 5 Ambulances (Left Hand Drive) to Mali on CIF basis, as per Schedule of Requirements **(Section IV).**

2. Contact information –

Section Officer (DPA-I),
Development Partnership Administration
Ministry of External Affairs,
Room No. 2121, 'B' Wing
Jawaharlal Nehru Bhawan,
New Delhi – 110011
Mail ID: sodpa2@mea.gov.in

3. Two Bid System –The two bid system will be followed for this tender. In this system, bidder must submit separate offer for Package-I (Tanzania) and Package-2 (Mali) in two separate sealed envelopes each, as explained below:

3.1 Envelope No. 1: "Technical Bid" shall contain:

3.1.1 Bid Form as per **Annexure-I.**

3.1.2 Tender Fee in the form of Demand Draft of **Rs. 2,500/-** (Rupees Two Thousand Five Hundred Only), drawn on any Nationalized/Scheduled Bank, in favour of **'**Pay & Accounts Officer, Ministry of External Affairs' payable at New Delhi. (If the Tender Document is downloaded from website).

3.1.3 Earnest Money Deposit (EMD) of **Rs.15 Lakh** (Rupees Fifteen Lakh Only) for Package-I (Tanzania) and **Rs. 8,25,000/-** (Rupees Eight Lakh Twenty Five Thousand Only) for Package-II (Mali) in the form of Demand Draft drawn on any Nationalized/Scheduled Bank, in favour of 'Pay & Accounts Officer, Ministry of External Affairs' payable at New Delhi *or* Bank Guarantee (BG) as per the prescribed format **(Annexure-III)**, as mentioned at **Clause 9 of Section II**.

3.1.4 Duly filled Technical Bid along with Compliance Chart given at **Annexure-II**, with proper seal and signature of authorised person on each page of the bid submitted.

3.1.5 The person signing the bid should be the duly authorised representative of the firm/ company, for which a certificate of authority should be submitted. The power or authorisation or any other document consisting of adequate proof of the ability of the signatory to bind the firm/company should be annexed to the bid.

3.1.6 Self-Attested copy of GST, Service Tax Number/Registration certificate as applicable.

3.1.7 Audited balance sheet for the last 3 financial years justifying that bidder has minimum average annual turnover as defined in eligibility conditions defined under **Clause 4**, **Section II** of the Tender Document.

3.1.8 copy of Certificate of Incorporation, Partnership Deed/Memorandum and Articles of Association, as applicable.

3.1.9 The bidder must submit signed Price Schedule leaving the price column blank as per the format given in **Section V** of this Tender Document.

3.1.10 The bidder must submit detailed technical specifications, make & model and compliance to the Schedule of Requirement (**Section IV**) for which bid is submitted.

3.1.11 Authorised partners/Authorised Distributors in India are allowed to bid for the items as mentioned in the Tender Document. The specific authorisation letters from Principal(s) clearly indicating that the bidder is competent to sell & provide services for all the items mentioned in the Scope of Supply given in this Tender Document.

3.1.12 The installation and warranty services are required in Tanzania and Mali on site. The bidder must provide the plan/arrangement for installation and warranty services to be provided at site.

3.1.13 The copies of relevant document like Work Order/Purchase Order/Completion Certificate, etc. in support of required experience defined under eligibility conditions.

3.1.14 The bidder must sign each page of this Bid Document, and submit the complete document without detaching any page with their offer. All pages of Bid Document should be numbered and indexed. The bidder must also attach a Certificate conveying acceptance of all the terms and conditions of the Bid Document.

3.1.15 Bidder must provide an Undertaking as per **Annexure-V**.

3.1.16 Other related documents as mentioned in the Tender Document but not listed here.

3.2 Envelope 2: "Financial Bid" shall contain:

Price Schedule complete in all respects with proper seal and signature of authorized person.

3.3. Both the Technical Bid and Financial Bid envelopes should be sealed separately and clearly marked as "Envelope no. 1–Technical Bid" and "Envelope no. 2–Financial Bid". The bids for **Package-I**: Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (RHD) for Tanzania and **Package-2**: Supply, Installation, Testing, Commissioning and Maintenance of 5 Ambulances (LHD) for Mali should be put in separate envelopes and sealed. Both the sealed envelopes should be clearly mentioned "Technical Bid and Financial Bids for Tender for Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (RHD) to Tanzania on CIF basis" and "Technical Bid and Financial Bids for Tender Supply, Installation, Testing, Commissioning and Maintenance of 5 Ambulances (LHD) to Mali on CIF basis." The two sealed envelopes for Package-I and Package-II should be addressed to:

Section Officer (DPA-I)
Room No. 2121, 'B' Wing
Ministry of External Affairs
Jawaharlal Nehru Bhawan (JNB)
New Delhi – 110011
Tel.: 49015478

Please write **Tender number** on each envelope and seal all the envelopes.

4. Important dates:

4.1 Last date for sale/download of Tender Document is **24/09/2018 upto 1700 hrs**.
4.2 The Pre-Bid meeting shall be held on **24/08/2018 at 1500 hrs** at:

Room No. 0195, 'B' Wing
Ministry of External Affairs
Jawaharlal Nehru Bhawan (JNB)
New Delhi – 110011

All prospective bidders/authorized representative of the bidders who have purchased/ downloaded the Tender Document may attend the Pre-Bid conference to get their queries and clarification replied, if any. The bidder should depute senior level representative(s) who should be well conversant with the subject and bid requirements. Due to security reasons, bidders, willing to attend the Pre-Bid conference, are requested to convey their contact details to MEA latest by **1700 hrs** on **23/08/2018** so that necessary arrangements could be made. Details are to be conveyed through email to sodpa2@mea.gov.in. The queries, if any, will have to be submitted in writing on/ before the day of Pre-Bid meeting and the answers to the queries will be made available on our website. No queries shall be entertained after the Pre-Bid meeting.

4.3 Last date for submission of bids – **25/09/2018 up to 1130 hrs at:**

Section Officer (DPA-I)
Room No. 2121, 'B' Wing
Ministry of External Affairs
Jawaharlal Nehru Bhawan (JNB),
New Delhi – 110011
Tel : 49015478

The bids are to be submitted in two bid systems, as detailed in the Tender Document at the above-mentioned address. Bids submitted at any other place shall not be entertained by MEA.

4.4 Technical Bid will be opened **26/09/2018 at 1200 hrs at:**

Room No. 0195, 'B' Wing
Ministry of External Affairs
Jawaharlal Nehru Bhawan (JNB),
New Delhi – 110011

The bidder’s authorized representative (maximum two) can attend the bid openings.

5. Opening of Financial Bids

Financial Bids of the substantially responsive bidders will be opened, in the presence of the bidders or their authorized representative, who choose to attend, at the **time, place, and date** to be informed later.

END OF SECTION I

SECTION II
INSTRUCTIONS TO BIDDERS (ITB)

1. General definitions:-

1.1. **"Agreement"** means the document signed between the MEA, Govt. of India and the successful bidder, that incorporates any final corrections or modification to the bid, and is the legal document binding on both the parties to the Agreement, with all terms and conditions of the contract.

1.2. **"Bid"** means the proposals submitted by the bidder(s) in response to this Tender in accordance with the provisions thereof including the Technical Bid/Proposal and Financial Bid/Proposal along with all other documents forming part and in support thereof.

1.3. **"Bidder"** means a company/firm incorporated in India, who has submitted the bid as per the terms, conditions, and technical specifications of the Tender Document.

1.4. **"Bid Security" or "EMD"** shall have the meaning prescribed to it in "Instructions to Bidders."

1.5. **"Bid Process"** means the process of selection of the successful bidder through competitive bidding and includes submission of bids, scrutiny and evaluation of such bids as set forth in the Tender**.**

1.6. **"Consignee"** means the person/office to whom the services/equipments are required to be delivered as per the "Letter of Acceptance (LOA) /Purchase Order".

1.7. **"Effective date"** of the Agreement / Purchase Order shall mean the date on which the 'Letter of Acceptance' shall be dispatched or e-mailed by the purchaser.

1.8. **"Letter of Acceptance"** means the letter or memorandum communicating to the successful bidder the acceptance of its bid and includes an advance acceptance of its bid.

1.9. **"Nationalized/ Scheduled Bank"** means Indian nationalized/scheduled bank.

1.10. **"Purchaser"** means Ministry of External Affairs, Govt. of India, New Delhi or its authorized representatives.

1.11. **"Purchase order"** means the Principal's Order for work, which is the Principal's acceptance of the Tenderer's Tender to perform the work.

1.12. **"Period"** shall mean the entire term of the Agreement.

1.13. **"Rupees"** means Indian Rupees.

1.14. **"Services"** means services ancillary to the supply of Ambulances to Tanzania/Mali, such as transportation and insurance, and any other incidental services.

1.15. **"Similar work"** means the supply of Ambulances.

1.16. **"Tender" and/or "Tender Document"** means this Tender Document comprising the Sections, namely Disclaimer, Notice Inviting Tender (NIT), Definitions and Abbreviations, Instructions to Bidders (ITB), General Conditions of Contract (GCC), Schedule of Requirements (SoR), Technical Specifications (TS), Price Schedule (PS), and Bid Forms, Annexures and other formats and any applicable schedules thereto added/modified before the freezing of the Tender.

1.17. The terms **"Successful Bidder, "Acceptable L1 Bidder"** and/or **"Vendor"** shall mean the Bidder who qualifies the Technical Bid/proposal stage and the Financial Bid/Proposal stage of this **Tender** and to whom a Letter of Acceptance is consequently issued by the purchaser.

1.18. **"Works"** means all the works specified or set forth and required in and by the said **'**Technical Specifications', 'General Conditions of Contract' and 'Schedule of Requirements', 'Bid Forms', 'Annexure' and other formats hereto annexed to be implied there from or incidental thereto, or to be hereafter specified or required in such explanatory instructions and drawings (being in conformity with the said original Specification(s), Drawing(s) and 'Schedule of Requirements' and also in such additional instructions and drawings not being in conformity as aforesaid, as shall from time to time, during the progress of the work hereby contracted for, be supplied by the purchaser.

2. Locations for the Supply, Commissioning and Services:-

Supply of 10 Ambulances (Right Hand Drive) to Tanzania (Package-I) and Supply of 5 Ambulances (Left Hand Drive) to Mali (Package-II) and also to ensure satisfactory commissioning and maintenance and commissioning of the supplied Ambulances.

3. Order Placements and Release of Payment:-

The Purchase Order and payment shall be processed by:

Section Officer (DPA-I)
Room No. 2121, 'B' Wing
Ministry of External Affairs
Jawaharlal Nehru Bhawan
New Delhi – 110011

4. Eligibility Criteria:-

4.1 Bidder must be a company/firm incorporated in India.

4.2 The bidder should have minimum average annual turnover of Rs 5 Crore for Package-I (Tanzania) and Rs.2.75 Crore for Package-II (Mali) during the last 3 Financial Years (2015-16, 2016-17 and 2017-18).

4.3 Compliance of the specifications is must, failing which the bid shall be rejected. Bidder to enclose the compliance from OEM.

4.4 The bidder or OEM must have successfully executed at least 'One Purchase Order/ Contracts/Agreements of worth Rs. 4 crore' or 'Two Purchase Orders/Contracts/ Agreements of worth Rs. 2.5 crore each' or 'Three Purchase Orders/Contracts/ Agreements of worth Rs. 2 crore each' in similar work during last 7 years for **Package-I (Tanzania),** and at least 'One Purchase Order/Contracts/Agreements of worth Rs. 2.2 crore' or 'Two Purchase Orders/ Contracts/Agreements of worth Rs.1.375 crore each' or 'Three Purchase Orders/Contracts/ Agreements of worth Rs. 1.1 crore each' in similar work during last 7 years for **Package-II (Mali).**

4.5 The installation and warranty services are required at Tanzania and Mali. The bidder must provide the plan/arrangement for installation and warranty services to be provided at site.

4.6 Only OEM or its authorized Distributor/Reseller/Partner is allowed to bid for the items as mentioned in the Tender Document. The specific authorization letter from Principal(s) manufacturer should clearly indicate that the bidder is competent to sell and provide services for the items mentioned in the Scope of Supply given in this Tender Document, failing which the bid shall be rejected.

4.7 Bidders should not be under a declaration of ineligibility for corrupt and fraudulent practices.

4.8 Bidder should be registered with Sales Tax/Income Tax Department of Government of India and should hold a valid GST Registration Certificate, as applicable.

5. Cost of Bidding:-

The bidder shall bear all costs associated with the preparation and submission of the bid. The purchaser will, in no case, be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

6. Cost and Availability of Tender Document:-

6.1 The Tender Document can be obtained from the Section Officer (DPA-I), Room No. 2121, Jawaharlal Nehru Bhawan (JNB), New Delhi on submission of a Bank Draft/Pay Order for **Rs. 2,500/-** (non-refundable) favouring **"Pay and Accounts Officer, Ministry of External Affairs, New Delhi"** between **1130 Hrs to 1700 hrs** on all working days till **24/09/2018**.

6.2 It may also be downloaded from MEA website www.mea.gov.in . However, the Tender Fee (non-refundable) against the Tender Document has to be paid by the bidder in the form of Bank Draft/Pay Order for **Rs. 2,500/-** favouring **"Pay and Accounts Officer, Ministry of External Affairs, New Delhi".**

7. **Amendment of Bid Documents:-**

7.1 At any time prior to the deadline for submission of bids, MEA may, for any reason, whether on its own initiative or in response to the clarification request by a prospective bidder, modify the Bid Document.

7.2 All prospective bidders who have purchased the bidding document will be notified of the amendment in writing, and such amendments/ modifications will be binding on them. All amendments will also be uploaded at MEA's website and in CPP Portal. No individual notification will be issued to the prospective bidders before submission of the bids if they have not purchased the Tender Document.

7.3 MEA at its discretion may extend the deadline for the submission of bids if the bid Document undergoes changes during the bidding period, in order to give prospective bidders time to take into consideration the amendments while preparing their bids.

8. Preparation and Submission of Bids:-

8.1 Bidder should submit separate offers in two separate sealed envelopes as explained in **Clause 3 of Section I**.

8.2 Bidder should avoid, as far as possible, corrections, overwriting, erasures or postscripts in the Bid Documents. In case, however, any corrections, alterations, changes, erasures, amendments and/or additions have to be made in the Bids, they should be supported by dated signatures of the same authorized person signing the Bid Documents.

8.3 All the pages of the bids must be serially numbered, indexed, signed by the authorized person, properly stitched and kept in a file.

8.4 There shall not contain any terms and conditions, printed or otherwise, which are not applicable to the bid. The conditional bid will be summarily rejected. Insertions, postscripts, additions and alterations shall not be recognized, unless confirmed by bidder's signature.

8.5 The Bidder is expected to examine all instructions, forms, terms and specifications in the Tender Documents. Failure to furnish all information required as per the Tender Document or submission of the bids not substantively responsive to the Tender Document in every respect will be at bidder's risk and may result in rejection of the bid.

8.6 The Bid shall be in English language. All correspondence and documents relating to the bid exchanged between the bidder and the purchaser shall also be in English language. However any technical document/literature etc. printed in a language other than English shall be accompanied by its true English translation duly signed for its correctness. Any document submitted with the bid but not in English language shall not be treated as part of the bid Document. The responsibility for the correctness of the translations, if any, solely rests on the bidder and purchaser shall not be responsible for any loss/likely loss arising out of error in translation whatsoever. In such cases, for the purpose of interpretation of the bid, the English translation shall prevail.

9. **Bid Security/Earnest Money Deposit (EMD):-**

9.1 Earnest Money Deposit (EMD) for the Tender is Rs 15,00,000/- (Rupees Fifteen Lakh only for Package-I (Tanzania) and Rs.8,25,000/- (Rupees Eight Lakh Twenty Five Thousand only) for Package-II (Mali).

9.2 The EMD must be in the form of a Demand Draft (DD), drawn on any nationalized/ scheduled Bank, in favour of "Pay & Accounts Officer, Ministry of External Affairs" payable at New Delhi or in the form of a Bank Guarantee (BG) as per the format provided at **Annexure-III** and should be valid upto 45 days beyond the validity of the Bid i.e. 225 days from the last date for Bid submission.

9.3 EMD should be submitted in the envelope containing Technical Bid. Bid submitted without EMD will stand rejected. No interest shall be payable on EMD.

9.4 The EMD of unsuccessful bidders will be discharged/returned as promptly as possible after the expiry of bid validity period and/or within 30 days from the date of signing the agreement with the successful bidder. However if the return of EMD is delayed for any reason, no interest/penalty shall be payable to the bidder.

9.5 The EMD shall be forfeited:

9.5.1 If the bidder withdraws the bid during the period of bid validity specified in the Tender.

9.5.2 In case a successful bidder fails to furnish the Performance Bank Guarantee in due time. (**Refer Clause 17 of Section II**).

9.5.3 If the bidder fails to furnish the acceptance in writing in due time (**Refer Clause 17 of Section II**).

9.6 EMD will be returned / discharged to the successful bidder on submission of Performance Bank Guarantee **(Refer Clause 17 of Section II)**. However if the return of EMD is delayed for any reason, no interest/penalty shall be payable to the bidder.

10. **Period of Validity of Bids:-**

10.1 Bids shall be valid for a minimum 180 days from the date of opening of bids. A bid valid for a shorter period shall stand rejected.

10.2 In exceptional circumstances, MEA may request the consent of the Bidder for an extension to the period of bid validity. The request and the response thereto shall be made in writing. The Bid Security provided under **Clause 9** shall also be suitably extended. A bidder accepting the request and granting extension will not be permitted to modify his bids.

11. **Deadline for Submission of Bids:-**

Bids must be received by MEA before the due date and time at the address specified in the Tender Document. In the event of the specified date for the submission of bids being declared a holiday for MEA, the Bid-closing deadline will stand extended to the next working day up to the same time.

11.1 MEA may extend this deadline for submission of bids by amending the Bid Documents and the same shall be suitably notified in the media.

12. **Late Bids:-**

Any Bid inadvertently received by MEA after the deadline for submission of bids, will not be accepted and returned unopened to the Bidder.

13. **Opening of Bids:-**

13.1 The purchaser shall open first the Technical & unpriced Commercial Bids in the presence of bidders or their authorized representatives who chose to attend, at due date and time. The bidder's representatives, who are present, shall sign in an attendance register. Authority letter to this effect shall be submitted by the bidders before they are allowed to participate in bid opening.

13.2 A maximum of two representatives of any bidder shall be authorized and permitted to attend the bid opening.

13.3 The date fixed for opening of bids, if subsequently declared as holiday, the revised date of schedule will be notified. However, in absence of such notification, the bids will be opened on next working day, time and venue remaining unaltered.

13.4 Technical Bids will be evaluated to shortlist the eligible bidders. The Technical Bids of only the eligible bidders shall be considered for further processing (Technical Evaluation).

13.5 Bidder whose Technical Bid is found to be acceptable and meeting the eligibility requirements as specified in this Tender will be informed about the date and time of the opening of the Financial Bid.

13.6 MEA will open the Financial Bids of only the technically shortlisted bids, in the presence of the bidder or their authorized representative who choose to attend the bid opening, at the time and date to be informed later.

13.7 The bidder's authorized representative who attends the bid opening shall sign an attendance register as a proof of having attended the bid opening.

13.8 The bidder's name, bid prices, discounts and such other details considered as appropriate by MEA, will be announced at the time of opening of the Financial Bids.

14. **Preliminary Evaluation of Bids:-**

14.1 Purchaser shall evaluate the bids 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 bids are generally in order.

14.2 Arithmetical errors shall be rectified on the following basis: If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the purchaser. If there is a discrepancy between words and figures, the amount in words shall prevail. If the supplier does not accept the correction of the errors, his bid shall be rejected.

14.3 Prior to the detailed evaluation pursuant to **Clause 15** below, the purchaser will determine the substantive responsiveness of each Bid to the Tender Document. For purposes of these clauses, a substantively responsive bid is one which conforms to all the terms and conditions of the Tender Documents without material deviations. The purchaser's determination of bid's responsiveness shall be based on the contents of the Bid itself without recourse to extrinsic evidence.

14.4 A bid, determined as substantively non-responsive will be rejected by the purchaser and shall not, subsequent to the bid opening, be made responsive by the bidder by correction of the non-conformity.

15. **Evaluation and Comparison of Substantively Responsive Bids:-**

15.1 The purchaser shall evaluate in detail and compare the bids previously determined to be substantively responsive pursuant to **Clause 14** above.

15.2 During the Technical Evaluation, purchaser at its discretion may call upon the bidder to give their presentation on their offer, to explain their capability to undertake the project and to respond to any question from purchaser.

15.3 The evaluation of the techno-commercially responsive bids shall be carried out on the basis of the price offered by the bidder under Column Y of the Price Schedule in **Section V** of the Bid Document. Lowest bidder/s shall be determined on the basis of technically responsive bid and lowest price**.**

16. **Award of Contract:-**

16.1 MEA shall award the contract to the eligible bidder/s whose Technical Bid has been accepted and determined as the lowest evaluated Financial Bid based on total price given in Price Schedule in **Section V** of the Bid Document.

16.2 The purchaser will notify the successful bidder in writing that his bid has been accepted. This letter (hereinafter and in the General Conditions of Contract called **'Letter of Acceptance')** shall have in detail the sum which the purchaser will pay to the Contractor.

16.3 If more than one bidder happens to quote the same lowest price, MEA reserves the right to split the order and award the contact to more than one bidder.

16.4 Upon receipt of the **'Letter of Acceptance'**, the successful bidder shall return it duly signed and stamped by his authorized signatory **within 10 working days** from the date of receipt of Letter of Acceptance.

16.5 Upon return of '**Letter of Acceptance'** from the successful bidder, "Contract in accordance to the terms and conditions of this Tender Document, shall have to be signed by both the parties. The successful bidder shall get the correct amount of Stamp Duty adjudicated in accordance with the applicable law, and submit the same in two copies duly stamped and executed. The purchaser will return one copy duly sealed and signed as a token of acceptance of Contract Agreement. Stamp Duty will be paid by the successful bidder failing which Purchase Order will not be issued.

17. **Performance Bank Guarantee (PBG):-**

17.1 The successful bidder shall furnish to a Performance Bank Guarantee for an amount equivalent to 10% of the total Contract value within 30 working days of dispatch of the 'Letter of Acceptance' from the purchaser as per the format provided at **Annexure-IV.**

17.2 The Performance Security will be discharged by the purchaser after completion of the Supplier's performance obligations including warranty obligations under the Contract.

18. **Purchaser's Right to amend the Scope of Work:-**

18.1 If, for any unforeseen reasons, MEA is required to change the Scope of Work, this change shall be acceptable to the Bidder without change in the unit price quoted.

18.2 Purchaser reserves the right to reject one/all the bids or cancel the Tender without assigning any reasons.

19. **Corrupt or Fraudulent Practices:**

19.1 It is expected that the bidders who wish to bid for this project have highest standards of ethics.

19.2 MEA will reject bid if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices while competing for this contract.

19.3 MEA may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded or contact if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the execution of contact.

20. **Interpretation of the clauses in the Tender Document/Contract Document:-**

In case of any ambiguity/ dispute in the interpretation of any of the clauses in this Tender Document, MEA's interpretation of the clauses shall be final and binding on all parties.

END OF SECTION II

SECTION III
GENERAL CONDITIONS OF CONTRACT (GCC)

1 Scope of Work:-

1.1 Package-I: Supply, installation, testing, commissioning & maintenance of 10 Ambulances (RHD) to Tanzania and Package-II: Supply, Commissioning and Maintenance of 5 Ambulances (LHD) to Mali.

1.2 The host Government would be providing the following at their cost:

1.2.1 Security of the premises.

1.2.2 Exoneration from customs and other applicable taxes insofar as import of equipment from India or third country is concerned in connection with supply, testing, commissioning and maintenance of Ambulances.

1.2.3 Exemption from paying taxes etc. for Indian personnel deputed in connection with supply of Ambulances.

1.3 The Scope of Work as envisaged in this Tender is supply of Ambulances, as per Schedule of Requirements (SoR), including their installation and commissioning.

1.4 On-site Comprehensive Warranty and Maintenance for one year from the date of trail run.

2 Prices:-

2.1 The price quoted shall be considered firm and no price escalation will be permitted.

2.2 Bidders must quote the price in the format given in Price Schedule at **Section V** of this Document.

2.3 All items are to be quoted only in Indian Rupees. Supply will be made from India by sea.

2.4 The prices quoted should be inclusive of freight, insurance & packing. The packing shall be transport worthy conforming to the international standard so as to prevent their damage or deterioration to goods during transit to their final destination as indicated in this Document. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and open storage. Packing case size and weights shall take into consideration, where appropriate, and the remoteness of the goods final destination and the absence of heavy handling facilities at all point in transit. However risk in goods shall continue with supplier till goods are delivered in good condition and installed at end user's site. The goods are to be transported by sea/surface route from Indian and Financial Bid should be prepared accordingly.

2.5 The prices quoted should be inclusive of freight and insurance till destination i.e. Dar es Salaam, Tanzania and Bamako, Mali on CIF basis. The items will be exempted from payment of customs duty by Govt. of Tanzania/Mali. Necessary Custom Duty Exemption Certificate shall be arranged by MEA/Govt. of Tanzania/Mali as & when required. Taxes and duties payable in India, if any, are non-refundable and should be included in the price.

2.6 The consignment will be cleared by Govt. of Tanzania/Mali. However, the bidder should insure the consignment till actual delivery to the end user.

2.7 The basic prices and applicable taxes should be mentioned separately. The exact rates of taxes applicable, if any, as on the date of quoting must be mentioned. No concessional tax Form (C/D) will be given by MEA.

3 Chartered Engineer Certificate:-

3.1 The successful bidder will appoint internationally certified Registered Charted Engineer or Agency, viz. TUV, SGS, Llyods, etc. The successful bidder will be required to furnish the Certificate from the Registered Chartered Engineer or Agency certifying the items supplied and their specifications are in compliance with the requirement of the Tender/Supply Order issued by the purchaser. Cost incurred for hiring of Chartered Engineer or Agency will be borne by supplier.

4 Completeness Responsibility:-

4.1 Notwithstanding the Scope of Work, supply and services stated in the Tender Document; any equipment or material, engineering or technical services which might not be even specifically mentioned under the scope of supply of the supplier and which are not expressly excluded there from but which are necessary for the satisfactory completion of supplies in accordance with the specifications and executing the contract to establish achievement of Performance Guarantee parameters, are to be provided for and rendered by the vendor without any extra charge so that the said project is completed in all respects.

4.2 The project is for Package-I: Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (RHD) to Tanzania on CIF basis, and Package-II: Supply, Installation, Testing, Commissioning

and Maintenance of 5 Ambulances (LHD) to Mali on CIF basis. It shall be responsibility of the supplier(s) to ensure smooth integration of Ambulances. This should be done in close coordination with the supplier.

5 Warranty:-

5.1 The successful bidder is required to provide free service at site, including repairing/ rectification/replacement/configuration required, if any, during warranty period of one year from the date of commissioning of Ambulances. The bidder should submit along with the Technical Bid, the detailed plan for providing warranty services at site.

5.2 Repairing/rectification/replacement/configuration shall be effected by the supplier within a reasonable time actually required to do so which in no case shall be more than 10 days.

5.3 The above provisions shall also equally apply to the material replaced by the supplier under this Clause, in case the same is again found to be defective after its replacement.

5.4 If the Supplier fails to act with requisite promptness and thereby entails avoidable loss to the purchaser/consignee, it shall be liable to suitable action as deemed fit during the operative warranty period.

6 Payments:

6.1 **1st Payment milestone** 60% of the Contract value on dispatch of Ambulances within 6 months from the date signing of the Agreement between MEA and successful bidder/ date of issue of Purchase Order, subsequent to issue of Final Dispatch Clearance Certificate (FDCC) by MEA as defined under **Clause 7.1** of the Agreement. The bidder would have to submit dispatch documents in support of the claim.

6.2 **2nd Payment milestone**: 30% of the Contract value against production of successful testing and commissioning of supplied Ambulances within 9 months from the date of signing of the Agreement/date of issue of Purchase Order. The Certificate is to be obtained from Indian Mission in Tanzania and Mali respectively.

6.3 **3rd Payment milestone**: 10% of the Contract value on expiry of the warranty period of one year or submission of Performance Bank Guarantee of equivalent amount.

7 Delivery Timelines

7.1 The successful bidder(s) shall be required to furnish the following documents:

i. Readiness of the consignment for dispatch.
ii. Chartered Engineer's Certificate.
iii. Packing List (Bill of Material).
iv. Insurance Policy upto 110% of the cost.
v. Invoice & other relevant document(s), if any.

Final Dispatch Clearance Certificate (FDCC) shall be issued by MEA on receipt of above mentioned documents from successful bidder. Actual shipment should be done only after issue of FDCC.

7.2 The required hardware has to be shipped/dispatched within 6 months from the date of signing of the Agreement between MEA and successful bidder or from the date of issue of Purchase Order. Time is the essence of this Contract. It is mandatory for the bidders who respond to this bid to meet these expectations, as these are tightly linked to the host country to completing the project within the available timeframe.

7.3 The selected bidder, who would be awarded the Contract, would trail, run and commission the supplied Ambulances in all respect and in coordination with local authorities designated by Government of Tanzania/Mali and Indian Missions in Tanzania/Mali, within 9 months from the date of signing of the Agreement.

8 Penalty for delayed Service

8.1 Purchaser reserves the right to levy penalty @ 0.5% of Contract value per week of delay beyond the scheduled date of supply or services, subject to maximum penalty of 10% of the Order value.

8.2 MEA reserves the right to cancel the Order in case the delay is more than 10 weeks.

8.3 The penalties, if any, shall be recovered from the bills of the supplier. Performance Bank Guarantee shall also be invoked, if required.

9 Jurisdiction

The disputes, legal matters, court matters, if any shall be subject to New Delhi jurisdiction only.

10 Force Majeure

MEA may consider relaxing the penalty and delivery requirements, as specified in this Document, if and to the extent that, the delay in performance or other failure to perform its obligations under the Contract is the result of a Force Majeure. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.), acts of states, the direct and indirect consequences of wars (declared or undeclared), hostilities, national emergencies, civil commotion and strikes at successful Bidder's premises.

11 Termination and Suspension:

11.1 Termination:

If the Bidder:

11.1.1 shall have voluntarily commenced winding-up, bankruptcy, insolvency, reorganization, stay, moratorium or similar debtor-relief proceedings, or shall have become insolvent or is unable to pay its debts as they become due, or admits in writing its inability to pay its debts or makes an assignment for the benefit of its creditors;

11.1.2 has insolvency, receivership, reorganization or bankruptcy proceedings brought against him and the petition commencing such proceedings is not controverted and the proceedings dismissed or effectively stayed within 30 (thirty) days of such commencement;

11.1.3 has abandoned the Contract;

11.1.4 despite previous warnings in writing from the MEA, has wrongfully refused or has materially failed or neglected at any time to execute the Contract or is failing to proceed with the Contract with due diligence or is neglecting to carry out its other obligations under the Contract in each case so as to affect materially and adversely the execution of the Contract;

11.1.5 offers or gives or agrees to give to any person in the MEA's service or to any other person on his behalf, any gift or consideration of any kind as an inducement or reward for doing or for bearing to do so or for having done or forborne to do any act in relation to obtaining or execution of this or any other Contract for the MEA;

11.1.6 shall enter into a Contract with the MEA's employee in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have previously been disclosed, in writing, to the MEA;

11.1.7 has failed to deliver the said works of any or all jobs as per the Scope within the Completion Schedule; then the MEA may, by notice to the bidder and without prejudice to any other remedy under the Contract, terminate the Contract but without thereby releasing the bidder from any of his obligations or liabilities which have accrued as at the date of termination of the Contract and without affecting the rights and powers conferred by the Contract on the MEA. Upon such termination the MEA may itself complete the Service or may employ any other bidder to complete the job at the risk and cost of the bidder.

11.2 Opportunity to remedy:-

The MEA's right to terminate the Contract following the occurrence of the events or circumstances, as described above, shall be subject to the MEA having first given the bidder 30 (thirty) days prior notice of its intention to terminate the Contract, during which period the bidder shall have failed to remedy or to take all reasonable steps to commence the remedy of the default.

11.3 Payment after Termination due to Bidder's Default:-

11.3.1 The MEA shall not be liable to make any further payments to the bidder until the costs of execution and all other expenses incurred by the MEA in completing the Services, and thereby the Facility, have been ascertained (herein called the "Cost of Completion"). If the Cost of Completion when added to the total amounts already paid to the bidder as at the date of termination exceeds the total amount which would have been payable to the bidder for the execution of the complete services, the bidder shall upon demand, pay to the MEA the amount of such excess. Any such excess shall be deemed a debt due by the bidder to the MEA and shall be recoverable accordingly.

11.3.2 If there is no such excess the bidder shall be paid the value of the services executed after adjusting the total of all payments received by the bidder as on the date of termination.

11.4 Termination without Bidder's Default:-

MEA reserves the right to terminate the Contract at any time, without assigning any reason, by giving a notice of 1 (one) month. The bidder shall stop the performance of the Contract from the date of termination and shall hand over all the drawings, documents and goods manufactured till date, including related rights, sanctions and approvals, to MEA. MEA shall pay to the bidder the cost incurred by the bidder till the date of termination, duly supported with documents, as compensation after adjusting payments already made till the termination. No consequential damages shall be payable by the MEA to the bidder in the event of such termination.

11.5 Suspension:

11.5.1 The MEA may suspend the work in whole or in part at any time by giving bidder notice in writing to such effect stating the nature, the date and the anticipated duration of such suspension. On receiving the notice of suspension, the bidder shall stop all such work, which the MEA has directed to be suspended with immediate effect. The bidder shall continue to perform other work in terms of the Contract, which the MEA has not suspended. The bidder shall resume the suspended work as expeditiously as possible after receipt of such withdrawal of suspension notice.

11.5.2 During suspension, the bidder shall not be entitled for any claim whatsoever arising out of any loss or damage or idle labour caused by such suspension.

11.6 Rights of MEA after Termination:

The MEA shall, on such termination of the Contract, have powers to:

11.6.1 Take possession of the Site and any material, Drawings, schemes, implements, stores etc. thereon; and/or

11.6.2 Carry out the incomplete Work by any means at the risk and cost of the bidder.

11.6.3 Any excess expenditure incurred or to be incurred by the MEA in completing the Work or part of the Work or the loss or damages suffered by the MEA as aforesaid after allowing necessary credits, shall be recovered from any money due to the bidder on any account and if such money is not sufficient, the bidder shall be called upon in writing to pay the same within 30 days.

11.6.4 The MEA shall not be liable to make any further payments to the bidder until the costs of execution and all other expenses incurred by the MEA in completing the Works have been ascertained (herein called the "Cost of Completion"). If the Cost of Completion when added to the total amounts already paid to the bidder as at the date of termination exceeds the total amount, which would have been payable to the bidder for the execution of the Works, the bidder shall upon demand, pay to the MEA the amount of such excess. Any such excess shall be deemed a debt due by the bidder to the MEA and shall be recoverable accordingly. If there is no such excess, the bidder shall be entitled to be paid the difference (if any) between the value of the Works ascertained and the total of all payments received by the bidder as on the date of termination.

12 Arbitration:

12.1 In the event of any question, dispute or difference arising under this Agreement or in connection therewith except as to the matter the decision to which is specifically provided under this Agreement, the same shall be referred by either party (MEA or the Bidder) after issuance of 30 days' notice in writing to the other party clearly mentioning the nature of dispute to a single Arbitrator acceptable to both the parties. The Agreement to appoint an Arbitrator will be in accordance with the Arbitration and Conciliation Act, 1996. The award of the Arbitrator shall be final and binding on both the parties to the agreement.

12.2 The Arbitrator may from time to time with the consent of both the parties enlarge the time for making and publishing the award. Subject to aforesaid Arbitration and Conciliation Act, 1996, and the rules made thereunder any modification thereof for the time being in force shall be deemed to apply to the arbitration proceeding under this Clause. All disputes of any kind arising out of supply, commissioning, acceptance, warranty maintenance etc., shall be referred by either party (MEA or the Bidder) after issuance of 30 days' notice in writing to the other party, clearly mentioning the nature of dispute to a single Arbitrator acceptable to both the parties. The venue for arbitration shall be specified in the Purchase Agreement. The jurisdiction of the Courts shall be specified in the Purchase Agreement.

END OF SECTION III

SECTION IV

Schedule of Requirement (SoR)

Package-I: Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (RHD) to Tanzania

S. No.	Item Description	Specifications	Unit	Quantity
1	Advance Life Support (ALS) Ambulance	As per Tender	Units	10 (Right Hand Drive)

Package-II: Supply, Installation, Testing, Commissioning & Maintenance of 5 Ambulances (Left Hand Drive) to Mali

S. No.	Item Description	Specifications	Unit	Quantity
1	Advance Life Support (ALS) Ambulance	As per Tender	Units	5 (Left Hand Drive)

SECTION V

COMMERCIAL PRICE SCHEDULE

(Separate Schedule to be submitted for Package-I and Package-II)

Package-I: Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (Right Hand Drive) to Tanzania

Package-II: Supply, Installation, Testing, Commissioning and Maintenance of 5 Ambulances (Left Hand Drive) to Mali

Sl. No	**Item Description**	**Specification**	**Unit**	**Quantity**	**CIF Rate per Unit (Rs) (inclusive all taxes*) In figures & in words**	**Total Amount (INR)**
				A	**B**	**Y=AxB**
1	Ambulances	As per Tender	units	10 or 5		
2	GST					
3	Shipment charges					
4	GST					
Total Amount (in figures)						

Total Price (In words) : _____

Note:

1. Except customs and other applicable taxes in so far as import of equipment from India or third country is concerned in connection with supply and commissioning of Ambulances to Tanzania/Mali.
1. If there is any advantage of favourable price variation, then the same may also be passed on to the purchaser.

SECTION VI

DETAIL TECHNICAL SPECIFICATION OF ADVANCE LIFE SUPPORT AMBULANCE AND MEDICAL DEVICES TECHNICAL SPECIFICATIONS

Sl.	ADVANCE LIFE SUPPORT AMBULANCE (ALS)
A	**DETAIL TECHNICAL SPECIFICATIONS OF ADVANCE LIFE SUPPORT (ALS) AMBULANCE**
1	**General Vehicular Design and Floor Plans**
	• This ambulance should be either of CMVR/equivalent international designated testing authority approved **Monocoque** design or should be fully built on a 'M' Category chassis of an OE manufacturer. In either case, the vehicle manufacturer shall provide repair & servicing facilities for the base vehicle in Tanzania and Mali. A certificate in this regard from the base vehicle manufacturer should be enclosed with the technical bid.
	• The ambulance should be designed, built and complete with operating accessories as specified herein. The assembly, sub-assembly and equipment should be integrated in such a way so as to enable the vehicle function in a reliable way and in a sustained fashion with durability and ensuring safety and comfort to patient and team.
	• The design of the vehicle and the specified equipment shall permit accessibility for servicing/replacement and adjustment of components/parts and accessories, with minimum disturbance to other components and systems. Also, the bidder shall ensure that sufficient reinforcement is provided to protect the components, assemblies, pipelines, tubing, wirings, etc. which are susceptible to damage/hazards encountered during on-road, off road operations of ambulance.
	• The emergency medical care vehicles, including base vehicle, equipment, devices, medical accessories and electronic equipment should be **brand new standard commercial products**, tested and certified to meet or exceed the these specifications. **The bidder should enclose all necessary brochures, certifications and proofs in this regard along with the technical bid.** The technical bid evaluation committee shall base its opinion on the enclosed documentary proofs with regards to compliance with the specifications asked for and may summarily reject the technical bid if adequate supporting documents are not enclosed with the technical bid or any of the furnished documents are found to reflect factually incorrect information. The technical bid evaluation committee reserves the right to ask for additional information if necessary.
2	**Vehicle Operation, Performance and Physical Characteristics**
	• The complete homologated ambulance with all equipments and fitments loaded should fully comply with all requirements of CMVR (as per the latest amended applicable on the date of submission to the test agency). A certificate in this regard from any of the testing agencies specified in CMVR, 1989 should be furnished at the time of final prototype inspection. The bidder shall bear all costs related to CMVR certification of the complete prototype ambulance.

	• The bidder must furnish this tender & a copy of the technical bid document along with the CMVR certification request letter while submitting it to the testing agency. A certificate should be obtained from the test agency, explicitly mentioning that the vehicle tested for CMVR compliance was an ambulance with all equipments and fitments loaded as per the specifications contained herein this tender and all non-medical technical parameters (including those contained herein this tender document in addition to those required for CMVR compliance) have also been duly verified or tested as per the technical bid & the tender documents.
	• To provide for maximum safety, the manufacturer shall locate vehicle mounted components, equipments and supplies in such a way so as to provide a vehicle that is laterally balanced and has front / rear loading that is proportional to axle loading.
	• A tolerance of ±5% shall be permissible in all dimensions/values mentioned in this document except in case of statutory requirements or parameters critical for patient care.
3	**Overall Dimensions**
	• The **overall length** of the ambulance should not exceed **5500 mm**, excluding rear steps and bumper guard.
	• The **overall width** of the ambulance should not exceed **2000 mm**, excluding mirror, lights and safety accessories.
	• The **overall height** of the ambulance should not exceed **2800 mm** including roof mounting equipment (viz. A/c etc.) and excluding Radio Antenna.
	• The **finished floor (loading) height** shall be a maximum of **750 mm** while ensuring that one person should be able to load and unload the supplied fully loaded ambulance cot into the ambulance seamlessly without the requirement of physical lifting of the cot at any end.
	• **Footsteps** should be provided appropriately, if the patient compartment floor is more than 46 cm above the ground. This step should have transverse length equivalent to the door opening. If there is more than one step, the steps should be equidistant. The steps shall not be located or exposed to the interior of the ambulance, even when the rear door is closed. The step tread shall have minimum clear depth of 130mm and max. depth of 270mm. If the steps protrude more than 18cm from the rear the vehicle, fold-up steps should be provided. Footsteps if folding in nature must be linked to the respective door of the patient compartment and must fully deploy automatically when the said patient compartment door is opened.
4	**Diesel Engine and Power Train**
	• The diesel engine should meet requirements of CMVR and should be BS IV compliant.
	• It should be possible to maintain a sustained speed of 90 km/hr for the complete homologated ambulance with air-conditioning on & all equipments, fitments & occupants loaded over dry, hard surfaced, level roads. It should produce minimum 75BHP power and should be able to accelerate the complete homologated ambulance from 0 km/hr to 70 km/hr within 40s, when tested in accordance with IS: 11851-1986 as prescribed in AIS:125.
5	**Steering**
	• Ambulance should be fitted with **power assisted steering system**, for easy and comfortable steer-ability of the vehicle at low and high speeds.

6	**Tyres**
	• The tyres fitted on the ambulance as per the type approval of the designated testing agency at the time of homologation, appropriate for the finished vehicle's load, speed performance and durability. A spare wheel should be housed at appropriate place and indicated. The access to the spare wheel should be from outside the patient compartment. In case the spare wheel is located below the ambulance floor, a suitable mechanism should be provided to enable quick access without removing the rear footstep.
7	**Suspension**
	• The suspension should be suitably reinforced if required to provide adequate ride comfort for the occupants.
8	**Wireless & GPS System:**
	• Suitable provision to be made for fitment of wireless and GPS equipment on all the vehicles including electrical requirements.
	Physical Dimension & Electrical requirement of GPS System: - • Dimensions (H x W x D): 60 mm x 185 mm x 175mm, Weight - 1.5 kg, Voltage range - 108 to 15.6 V DC, Current consumptions - Idle/Rx/TX - 0.6 / 1 / 1.3, Multi slot PD (4 slot) - 3A, using USB host - adds 0.5A.
9	**Body Structure**
	• Ambulances of **Monocoque** design should have body structure as per CMVR.
	• In case of Ambulances built on chassis based vehicles, the exterior construction of patient compartment should be of joint less single panel and the OEM driver cabin should be fully integrated with the patient compartment. Ambulance body, as a unit, shall be designed and built to provide impact and patient compartment penetration resistance and shall be of sufficient strength to support the entire weight of the fully loaded vehicle on its top or side, if overturned, without separation of joints or permanently deforming roof bow or reinforcements, body posts, doors, stringers, floor, inner linings, outer panels, rub-rails, and other reinforcements. The exterior of the body shall be finished smooth with symmetrically radius corners and edges. Wood, or wood products, shall not be used for structural framing.
	• In case sandwich panels are used in the body structure, the walls, ceiling, flooring and doors shall be made of joint less sandwich elements meeting or exceeding the following specifications:
	Outer & Inner Skin: Minimum 1.5 MM Thick, Traffic White (RAL 1016, R-252, G-255, B-255) dyed Glass fiber laminates with high standard gel coat layer based on isophthatic acid with UV stabilizer
	CFC free, high performance, rigid polyurethane block foam/equivalent, minimum 44 mm thickness
	Fire retardant equivalent to IS - 6746 of 1988 or latest equivalent as applicable.
10	**Patient Compartment**
	• Patient Compartment volumetric space shall be sufficient in size to transport occupants and accommodate / store all equipments & fitments specified.
	• The **length** of the patient compartment measured from partition to the inside edge of the rear loading door at the floor level shall be at least **3100 mm**.

	• The length should provide at least 640mm and not more than 760mm of unobstructed space at the head of the primary patient, when measured from the face of the backrest of the Doctor's/Paramedic's Seat to the forward edge of the stretcher.
	• The minimum **width** of the compartment when measured at the centre point of the patient compartment shall be not be less than **1500 mm** and should provide 460 ± 150mm clear aisle walkway between stretcher / cot and the base of squad bench, with the cot located in the street side (non-centred) position.
	• The patient compartment shall provide at least **1520 mm height** over the primary patient area, measured from floor to ceiling panels.
	• An **access window** between Driver's Cabin and Patient Compartment should be provided at appropriate location for visual checks and voice communication between the cabin and patient compartment. This window should be latch able from the patient cabin side and should be transparent, shatter proof and shall have adjustable opening.
	• Excluding vehicles in which the body structure is made of sandwich panel elements as per specifications prescribed in this document, the **interior paneling** of the patient compartment including sidewalls, partition between patient cabin and driver cabin, roof, door panels and all other surfaces in the patient compartment should be made from long life superior quality UV-resistant ABS unless mentioned otherwise. There should be PUF / PU insulation, minimum 12 mm thick between the outer and inner panels of these vehicles for reduction of heat and noise within the patient compartment. The insulating material should be non-toxic, non-settling type, vermin proof, mild dew proof and non-hygroscopic. The **ABS** wherever used, should have the following characteristics:
	• Thickness – minimum 3.0mm
	• Inbuilt colour
	• Fire retardant as per IS-6746 of 1988 or latest equivalent as applicable
	• Sufficient **reinforcement** for holding the wall mounted equipment securely while in transit should be present on the side walls**.** This reinforcement should be uniformly implemented as per the ALS Equipment layout. Unobstructed access & full functionality of the fittings/equipment as required for optimal patient care must be ensured in this compartment.
	• Adequate provision for storage of medicines/consumables/equipment should be made by providing lockable cabinets & drawers. These should be made from non-wood & non-ferrous fire retardant material **(ABS not necessary)** in sync with the ambulance's internal look and feel. The drawers should be on guide ways &should be provided with appropriate self-restraining mechanism to arrest the inadvertent opening of the unlocked drawers unless pulled while the vehicle is in motion. One number of drugs storage console with at least 40 individual bins should be provided in easy reach of paramedic when seated. These bins must permit the user to take out the drugs without removing the bin & should be secured firmly to avoid drugs or bins from falling when the ambulance is in motion.
	• The **floor** (except the wheel humps) should be flat, anti-static & should be finished with minimum 2mm thick two component PU coating with anti-scratch treatment or 2mm thick Anti-skid PVC vinyl matting or FRP / ABS with Anti-skid coating.
	• The ambulance interiors must comply with the requirements of **AIS: 047** and should be suitable for easy cleaning, scientific fumigation & treatment with disinfectants. Joints if any should be flushed, seamless, hermetically sealed, waterproof & easy to disinfect. All interior materials shall comply with the **fire safety** requirements as per AIS: 125.

	• **Door**: There shall be a ‘two leaf’ divided rear door or ‘flap type’ rear door at the rear end of the patient compartment for entry and exit of personnel as well as loading and unloading of the ambulance cot.
	• This door shall not be less than **1170 mm** in height with minimum width of **1120 mm** and the door opening should be side-ways or bottom to top. Each door should be hinged at least at two places and should have firm latching provision. It shall be capable of being positively restrained in the open position. A “Door-Open” warning device shall signal (indicate in the cab) when doors are not closed. Each door shall have effective compression or overlapping seals to prevent leakage of exhaust fumes, dust, water, and air.
	• When the patient compartment doors are not 270 degrees opening, a red light or reflector, minimum **76 mm** diameter, shall be installed, one on the interior surface of the side of each rear door. The reflectors shall be so positioned as to provide maximum visibility when the doors are in the fully open position. The opening of the door should be possible from inside and outside at all times. Under no condition, during travel mode, this door should open on its own.
	• The doors of the patient’s compartment shall be fitted with an appropriate mechanism to enable the following:
	• lock and unlock from inside without use of a key;
	• lock and unlock from outside with use of a key;
	• unlock from the outside using a key when the door is locked from the inside
	• **Windows:** In the patient’s compartment, there shall be a minimum of two external windows. There shall be one on each side or one on the side and other at the rear. The windows shall be positioned or screened to ensure patient’s privacy when required. Windows shall be fitted with safety glasses complying with the requirements of IS: 2553 specified under Rule 100 of CMV (A) R, 1989. At least one of these windows should have a minimum opening size of 450 mm x 550 mm to act as emergency exit.
	• **Ambulance Cot** as per specifications detailed in this document should be provided for the primary patient.
	• A foldable seat for the **Doctor/Paramedic** should be installed facing towards the rear of the patient compartment & it should be near to the primary patient’s head for easy accessibility. This seat should have adequate restrains for the passenger and should be fitted with foldable arm rests.
	• A **Squad bench** with backrest suitable to accommodate minimum four sitting patients or folding/scoop stretcher shall be installed along the side wall. A minimum 50mm thick high density cushion to be provided for comfort. The squad bench should be upholstered with waterproof washable cover and should have adequate restrains for the sitting patients as well as the stretcher.
	• **Grab Rail** made of stainless steel pipe with proper support / fixing, for ease in entering shall be installed in the ceiling. Minimum **two IV hooks or holders** to be provided at suitable locations to ensure proper patient care.
	• A reliable, robust & easy to use Sterillium/Bactorub/equivalent **alcohol based hand rub dispenser** supporting standard off the shelf bottles of minimum 500ml capacity should be provided at a suitable location which should be within easy reach of the doctor/paramedic.
	• Concealed portable **dust bins** for waste disposal should be provided at suitable locations.

	• Two numbers of multipurpose **fire extinguishers** of ABC Type (ISI marked & conforming to BIS: 15683-2006 or latest) duly filled, capacity and quantity as per the provisions of Central Motor Vehicle Rules 1989 should be provided. One fire extinguisher shall be placed in the Driver's cabin and the second in patient's compartment, at appropriate location, where it is easily visible and symbolized.
	• All fitments/equipment/outlets/switches/storage spaces, etc. in the patient compartment should be **permanently & clearly labelled in English /French** (for Mali). The font used should be easily readable and in contrasting colour of the background.
11	**Oxygen Delivery System**
	• The ambulance shall have piped medical oxygen system (manifold) capable of storing and supplying medical grade oxygen. The manifold should have two oxygen cylinders which should be at least B-type. All oxygen cylinders being used in the ambulance including the portable cylinders
	• The cylinders attached to the manifold should be individually changeable from outside the patient compartment and a cylinder changing wrench should be housed at an appropriate location. The manifold should be so designed that it shall ensure proper fixation of cylinders during travel and should ensure easy cylinder changing and positioning. There should not be any electrical connection in near vicinity or inside the oxygen cylinder housing, except pressure regulator integrated with flow control valve.
	• These cylinders should be individually connected to a **pressure regulator** each in such a way that one cylinder acts on duty and the other as a stand-by. Both these regulators should be capable of reducing the cylinder pressure to a static outlet pressure of 4.12 bars/60 psi and should include a safety relief valve and a locking mechanism to prevent settings from being inadvertently changed. It should maintain accurate readings and calibrations during ambulance operation and not be affected by the temperature conditions. Changing from one cylinder to the other should not affect the distribution pressure in any way and this changeover should occur **automatically/manually.** In case of manual change over, an audible and visual alarm system to be provided when the duty cylinder is getting empty.
	• The patient cabin must have a **digital/mechanical display** for oxygen supply status. The display panel should be certified for use with Medical Oxygen and should have three individual values displayed so as to constantly indicate the pressure level of both the cylinders as well as the distribution pressure level.
	• Minimum **two medical oxygen outlets for the primary patient**, flush with right side wall (distance between patient head and oxygen outlets to be less than 890 mm) to be provided.
	• These duplex outlet stations should be certified for medical oxygen and should be appropriately labelled. Oxygen outlet stations shall be installed with sufficient vertical & horizontal space to accommodate attachment of flow meters, humidifiers, and nebulizers.
	• The oxygen outlets should be universal in design to be able to accommodate the probe of the oxygen flow-meter and the probe of the driving gas hose of the ventilator directly in one single action without any intermediate connectors and adapters.
	• Should be **European CE** or US FDA **certified**
12	**Noise**
	• Noise testing of patient compartment will be as per **AIS: 020**

13	**Air-Conditioning**
	• The AC unit should be installed at a suitable location in the patient cabin to ensure there is no congestion in the driver/patient cabin. With all windows & doors closed, the system should be capable of lowering the cabin temperature to a maximum of 26 degrees Celsius within 30 minutes from 35 degrees Celsius ambient temperature. The gas used for Air conditioning should be environment friendly as per International regulatory requirements. The engine idling rpm should be so designed and tuned to fulfil the requirements of AC Unit.
	• To ensure proper ventilation in case of AC failure, at least two of the patient compartment windows should be **opening outside.**
14	**Siren**
	• All siren loudspeakers have to be mounted on the front of the vehicle. Hidden installation is allowed. The main sound direction must be in driving direction. Permitted are wail and yelp signals that cycle between 10-18 respectively 150-250 per minute at an sound pressure level of 110dB(A) to 120dB(A). The frequency range must be at least one octave and should be between 500Hz and 2.000Hz. An additional electronic air horn can be used. Further there should be a public address system that can be worked at all times ergonomically from the driver's seat. The siren switch can only be used if the warning lights are on.
15	**Exterior Special Lighting and Illumination**
	• In addition to the signalling and lighting requirements as per the CMVR, the ambulance should have the following lighting fitments (12V):
	• LED based flashing lights with top red lens having minimum four LED flashers visible on both sides of the ambulance (integrated or enclosed in a light bar) mounted on the roof top. The LED flashers should flash cyclically using appropriate flashers.
	• At least two LED flashers & one spot lamp on both sides of the ambulance as well as two flashers & a rear loading lamp on the rear wall of the ambulance mounted at the highest position feasible. The rear loading light shall automatically be activated when rear doors are opened.
16	**Interior Patient Compartment Illumination:**
	• There should be diffused flicker free automotive grade (12V, minimum 4000 deg. Kelvin) lighting in the patient compartment. All interior lighting shall be flush mounted and should not get loose or fall down during vehicle movement or vibration. Normal white illumination within the patient compartment without outside ambient light shall not be less than 100 Lux (lx) when measured along the centreline of the clear floor; and 150 lx on at least 90% of the surface area of the primary patient cot. At least one patient compartment light and rear loading lamp shall be automatically activated when the patient compartment rear doors are open.
17	**Electrical System**
	• There shall be **two independent forward electrical circuits** in the ambulance: the **OEM-Base Vehicle Circuit** and the **non-OEM electrical circuit**. At no point shall the forward OEM base vehicle circuit be tampered with to provide for any non-OEM electrical load requirements.

	• Each ambulance should have **additional 'supplementary battery(s)'** sufficient enough to power the non-OEM electrical load requirements of the homologated vehicle. These batteries should be located at a suitable location outside the patient compartment and should be automatically charged by the vehicle alternator while the vehicle is on and via 220V external AC supply if connected when stationary. The **alternator** of the base vehicle should have the current rating which is at least 10% higher than the peak current consumption of the fully equipped ambulance, Including current for charging of the batteries, running of air conditioning system as well as all the medical and non-medical devices, etc.
	• A permanently fitted automotive grade **battery charger** should be provided to enable charging of the supplementary batteries via external 220V AC supply whenever connected. A recessed external charge port with spring loaded lid (at least IP65 certified) suitable for connecting the external 220V AC power supply should be provided on the exterior of the vehicle at a suitable place. A 10 meter length, three (3) core, 10 gauge/equivalent charging wire with high quality male three pin ends to be provided. This wire should be housed at a suitable and easily accessible location in the ambulance.
	• There should be a **cut-off switch** provided at a suitable location outside the patient cabin to isolate the non-OEM forward electrical circuit. This circuit breaker should be labelled and housed at an easily accessible location while also ensuring protection against accidental switching off.
	• There should be **short-circuiting as well as overload protection** through fuses/Mini-Circuit Breakers (MCB) for different segmented electrical installations in the non-OEM electrical circuit. The fuse rating should be mentioned on each fuse and three numbers of each fuse should be housed in the fuse box cover or at an appropriate place.
	• Adequate number of power receptacles / connections should be provided in the patient compartment to **simultaneously** power all the equipment's & fitments asked for in this document. The mountings of all electrical outlets shall be sturdy enough to handle wire/plug pressure and vibrations during transit. There should be at least one free automotive grade 12V DC receptacle provided in the **patient & driver compartment each** at an easily accessible location.
	• All switches, connectors, end-wiring should be rated to carry out **minimum 125% of their maximum ampere load**. All wiring should confirm to ISI2645 specification (equivalent CMVR/AIS specifications may be permitted). The wiring shall be permanently colour coded or marked the entire length of the wire for identification with easily readable numbers and letters, or both, and routed in conduit. When cables are supplied by a component manufacturer to interconnect system components, these cables need not be continuously colour coded/identified. They shall be coded/identified at the termination or interconnection points. All added wiring shall be located in accessible, enclosed, protected locations and kept at least 150mm away from exhaust system components.
	• Except for those on large wires, such as battery cables, terminals shall be machine crimped to the wiring. A ratchet type hand crimper may be used where it is not possible to use a large machine crimper. Battery cable terminals, component terminals and connectors exposed to the ambient shall be coated with terminal corrosion preventive compound.
	• Electrical panels that are accessible to accidental contact shall have a protective cover, shield, and so forth, to prevent short circuits that can result in injury, fire, or damage to the electrical system.

	• Electrical wiring and components shall not terminate in the oxygen storage compartment except for the oxygen controlled solenoid, compartment light, and switch plunger or trigger device. Wiring necessarily passing through an oxygen compartment shall be routed in a metallic conduit.
	• 220V AC supply in patient compartment is not mandatory. However, 220V AC charging circuit for battery is mandatory.
18	**Radio Frequency Interference (RFI)**
	• The ambulance electrical/electronic and mechanical equipment in running mode / on condition, should meet the Radio Frequency Interference standards [Electro Magnetic Interference (EMI) AIS – 004-1999].
19	**Emblems, Marking &Colour Scheme**
	• Complete body exterior should be uniform white in colour. All external marking should be retro-reflective in nature and materials used for the same should meet or exceed the requirements of **ASTM D 4956**, Standard Specification for Retro-reflective sheeting for Traffic Control, Section 6.1.1 for Type I Sheeting.
	• Guidelines in regards to Emblems and Markings for Ambulances issued by the Government from time to time shall be applicable. However, the quality parameters of the markings indicated above shall remain constant.
20	**Operating Manuals, etc.**
	• Comprehensive User Manual/s **written in simple English/French** (for Mali) with detailed parts description, operating instructions, service contact numbers, etc. for the Base Vehicle, Patient/Driver Compartment Equipments, Fittings, etc. shall be provided. These should be printed on high quality paper and housed in water-resistant pouches, Laminated sheets, clearly showing the **Patient and Driver Cabin Layout** with location of equipment, fittings, switches, consumables, etc suitably depicted should be fixed in the patient and driver cabin at suitable locations. Laminated sheet showing the **non-OEM electrical wiring diagram** complete with location of various fuses and circuit breakers should be displayed in the vehicle at a suitable location.
21	**Layout Drawings**
	• The bidders **must** provide 2D & 3D rendered drawings for ambulances showing location of various components, sub-assemblies for structure, interior layouts, fitment of oxygen system components, layout of seats & furniture, medical equipments, non-OEM electrical system layout, etc. along with the Technical Bid.
22	**Quality Assessment and Inspection**
	• One prototype of the ALS Ambulance to be introduced into operations must be approved before being taken up for serial production. All supplies are to be made as per the prototype finally approved by the purchaser. This final approved prototype shall be retained by the Supplier till the end as a reference and will be the last ambulance to be rolled out to complete the order. The purchaser reserves the right to ask for appropriate changes in the patient compartment layout if not found suitable.
	• CMVR Compliance certification & all other tests on the vehicle required to verify compliance with the tender document for the complete homologated ambulance with all equipments and fitments loaded. These reports shall be obtained by the bidder from any of the testing agencies specified in CMVR, 1989 and the bidder shall bear all costs related with the same.

	• Inspection for verifying compliance shall be conducted by a committee formed by the purchaser. This inspection maybe conducted at the testing agency or at another location decided by the purchaser. The bidder will furnish all necessary documents, test reports and compliance certificates to the inspection committee. The decision of this committee shall be final and binding in all respects and is not subject to dispute.
	• Standard quantity of consumables coming with the medical equipment package should be supplied if not mentioned in the tender enquiry. However, purchaser is not bound to purchase the consumables from the bidder only.

B	**EQUIPMENT FOR ALS AMBULANCE**
	• **All equipment & accessories being used in the ambulance including those in the Oxygen Delivery System should be European CE certified (wherever mentioned in the Technical Specification & copy of the Certificate to be enclosed along with the technical bid).** Wherever EN certified equipments mentioned in the technical specification, copy of certificates should be enclosed.
	• **Any wall/floor/roof mounted medical equipments to be fixed on OEM approved EN 1789 certified mounts (where ever mentioned in the Technical Specification below), must accompany with** copy of individual certificates along with the technical bid & their positions should be clearly highlighted in the 3D drawings.
	• Price list of all consumables, accessories & spares valid for a period of 2 years must be furnished along with the technical bid. (These prices will not be taken into account during the technical or financial bid evaluation)
	• Unless specified otherwise, all the following equipment have to be supplied in ALS Ambulances. The bidder must specify exact make, model, part number, etc. for all the equipment offered in the technical bid. If multiple makes & models are quoted in the technical bid for any item, all makes & models must be fully compliant with the tender specifications, failing which, the technical bid shall be summarily rejected.
1	**Ambulance Cot**
	• Roll-in Self Collapsing Ambulance Cot
	• The Ambulance Cot including all accessories should be EN 1865 Certified
	• The cot should be supplied with an EN 1789 certified fixation system.
	• The stretcher assembly excluding the mattress & other accessories should be less than or equal to 50kg in weight.
	• The stretcher should load seamlessly and no manual intervention vis a vis the locking mechanism, wheels, etc should be required after loading in the ambulance to close the rear doors.
	• Should have at least three strap-type restraining devices (chest, hip, and knee) to prevent longitudinal or transverse dislodgment of the patient during transit.
	• Should be supplied with suitable accessories to fix the supplied portable oxygen cylinder
	• One number of folding IV Poles should be provided
	• The stretcher mattress should be water proof and upholstered with fire proof material.
	• The stretcher should be able to be guided in and out of the ambulance without any part of the stretcher (including the legs) striking any part of the ambulance body including the rear footstep. The loading angle of the stretcher should not be more than 16 degrees. If required, a suitable loading platform **(not necessarily be made of ABS)** may be provided to ensure the same.
	• **Should be European CE** or US FDA **certified**

2	**Scoop Stretcher**
	• Net weight: <10 Kgs
	• To be supplied with a mountable & detachable 'Double Head Immobilizer'
	• **Should be European CE** or US FDA **certified**
3	**Spine Board**
	• Should be X ray & MRI compatible
	• Should be **European CE** or US FDA **certified**
4	**Foldable Carrying Chair (Wheelchair cum Stair Chair)**
	• Net weight : less than 10 Kgs
	• Pull through, telescoping long handles built in to lift patients & carry them through narrow passages.
	• Should be as per **CE**/FDA/BIS/ISI standards:
5	**Bi-Phasic Defibrillator cum Cardiac Monitor with Recorder**
	• Wall Mounted, Transport defibrillator cum Cardiac Monitor
	• It should be supplied with an EN 1789 certified fixation system.
	• Manual & AED Capabilities.
	• Minimum 6.5 inches Colour LCD Display
	• Should be able to deliver shock from 2-200 joules through biphasic technology.
	• Should have charging time up to 200J in less than 6 seconds with a new fully charged battery
	• Should have 12 lead interpretative ECG and synchronized cardio version built in.
	• Integrated Multi Parameter Monitor with the following parameters:
	• NIBP -Adult and Paediatric
	• SpO2 - Adult & Pediatric (Masimo or Nelcor **or FAST SpO2** Sensors).
	• $EtCO_2$
	• Heart Rate
	• 12 Lead ECG
	• The ambulance wall mount should be EN 1789 Certified and should have a built in charger with integrated DC charging module to directly charge the internal batteries of the device from the 12V ambulance batteries as soon as the device is placed on the bracket.
	• Should have an integrated battery backup of at l31east 30mins
	• Should be supplied with all adult and paediatric accessories & cables
	• At least 10 units of all consumables like electrodes, paper rolls, etc. must be supplied along with.
	• **Should be European CE** or US FDA **certified**

6	**Pulse Oximeter**
	• Fingertip pulse oximeter with integrated colour OLED Screen
	• Screen should display SpO2 & Pulse Rate
	• Should be suitable for Paediatric & Adult use
	• Should have built in Alarms for low saturation, low battery, etc.
	• Should be powered with standard AA or AAA batteries
	• Should have auto power down feature when not in use.
	• Should be supplied with appropriate batteries and storing case.
	• **Should be European CE** or US FDA **certified**
7	**Transport Ventilator**
	• Wall Mounted Pneumatic/Turbine based Transport Ventilator
	• EN 1789 certified mount
	• Suitable for adults, children and infants up to 5 kg
	• Modes of ventilation:
	• ACMV or CMV
	• PEEP
	• Power source : Compressed air / oxygen
	• FIO2: 100% oxygen & air mix mode (with approx. 45% to 100 %)
	• Equipment should be supplied complete with integrated carrying bracket for ambulance mounting as well as on ambulance cot, patient circuit, driving gas hose, PEEP Valve and breathing valve. (Transport Ventilator Kit)
	• Should have airway pressure monitor& disconnect/low pressure / high pressure alarms.
	• **Should be European CE** or US FDA **certified**
8	**Oxygen Flow Meter with Humidifier**
	• Dial setting type without any floats, needles or moving parts to indicate the flow level.
	• Pressure compensated for inlet pressure range of 3 to 5 bar, be able to regulate the flow from 0 to 15 litres per min and should show the actual oxygen flow rate.
	• Installed vertically so as to not interfere with the other outlets and should be easily readable from the Doctor’s/Paramedic’s seat.
	• The inlet probe should be fully adaptable to the terminal outlet in the ambulance as well as to the outlet adapter of the portable oxygen cylinder specified below in the list of medical equipments
	• The outlet of the flow-meter should be universal in design to accept the humidifier, the flow selector switch or a direct connector
	• Should have a humidifier made up of an impact resistant polycarbonate bowl with cap and inlet outlet nipples
	• Should include a flow selector switch to bypass the flow of the oxygen through the humidifier and allow nebulization to the patient directly using the flow of the oxygen
	• Should be supplied with a direct connector to provide oxygen therapy without humidifier, insufflation kit and nasal prong
	• **Should be European CE** or US FDA **certified**
9	**Suction Pump (Manual & Handheld)**

	• Portable & Lightweight
	• Vacuum (max): 550mmHg.
	• Non disposable and autoclavable container of minimum 250 ml connecting jar made out of polycarbonate with overfilling valve
	• Maximum Weight: <1Kg
	• **Should be European CE** or US FDA **certified**
10	**Suction Pump (Electronic)**
	Electronic Suction device with ambulance mount
	Control knob for continuously adjustable vacuum level up to at least 550 mm. Hg starting from zero
	Suction capacity of minimum 30 litre per minutes
	Minimum 500ml capacity secretion bottles with efficient over-flow protected
	Ambulance Wall / floor mounted
	Rechargeable Battery with minimum capacity of 30 minutes
	The ambulance wall mount should have built in charger with integrated DC charging module to directly charge the internal batteries of the device from the 12V ambulance batteries as soon as the device is placed on the bracket.
	Should be supplied with Wide – bore tubing, rigid pharyngeal curved suction tip; Tonsillar and flexible suction catheters, 5F – 14F
	Should be European CE or US FDA **certified**
11	**Self-Inflatable Resuscitation Bags**
	• Should be made of silicon
	• Hand operated, self-re-expanding bags (2L, 1L & 500ml sizes) or **minimum (1500 ml, 500 ml, 200 ml),** with oxygen reservoir/accumulator, clear mask (adult, child, infant and neonate sizes); valve (clear, disposable, operate-able in all weather conditions)
	• To be supplied in proper Carrying Case
	• **Should be European CE** or US FDA **certified**
12	**Mouth to Mask Ventilation Device**
	• Suitable for Adult, Child & Infant/Neonate
	• **Should be European CE** or US FDA **certified**
13	**Oxygen Cylinder (Portable) with Oxygen Pressure Reducer**
	• Should be made of Aluminium/Aluminium alloy
	• Should be manufactured as per **IS: 7285**, BIS-certified and approved by the Chief Controller of Explosives, Government of India, Nagpur.
	• Max. Working Pressure at 15O C: 150kgf/cm2
	• Water capacity: min 1L
	• Built in / attached with Pressure gauge, regulator and cylinder wrench/key
	• Pressure regulator with plug-in type outlet port capable to accommodate the probe of the driving gas hose of ventilator or the inlet probe of the oxygen flow-meter directly in single action without any intermediate connectors or adapters etc.

	• Adequate length tubing, mask (adult, child and infant sizes), transparent, non-rebreathing, venturi, and valveless, nasal cannulas (adult, child and infant sizes)
	• **Should be European CE** or US FDA **certified**
14	**Laryngoscope with blades**
	• Standard Laryngoscope
	• With Mckintosh blade (1,2, 3 & 4)
	• Handle should have comfortable grip
	• Light source should be fibre optic
	• Should be as per **CE**/FDA/BIS/ISI standards
15	**Syringe Infusion Pump**
	• Wall Mounted
	• Flow rate programmable from 0.1 to 200 ml/hr or more in steps of 0.1 ml/hr till at least 5ml.
	• Should have user selectable flow set rate option.
	• Display of Drug Name with a provision of memorizing 10~15 names
	• Should have Keep Vein Open (KVO) option
	• Must Work on commonly available ISI/**CE**/FDA approved/certified 20, 50/60 ml Syringes with accuracy of minimum of +/-2% or better.
	• Automatic detection of syringe size & proper fixing.
	• Anti bolus system to reduce pressure on sudden release of occlusion
	• Rechargeable Battery of at least 30 mins
	• Should be suitable for use in ambulance
	• Should be ambulance wall / pole mountable and should be supplied with an appropriate mount (EN 1789 mounting not mandatory)
	• **Should be European CE** or US FDA **certified**
16	**Nebulizer**
	• The oxygen flowmeter referred above should include a flow selector switch to bypass the flow of the oxygen through the humidifier and allow nebulization to the patient directly using the flow of the oxygen
	• An insufflation kit with appropriate nebulizer attachment should be supplied along with
	• **Should be European CE** or US FDA **certified**
17	**Handheld Glucometer**
	• One unit with 100 units of disposable lancets/tips and Gluco Sticks
	• The brand provided should have supplies easily available across the state
	• Should be **European CE** or US FDA **certified**
18	**Stethoscope**
	• Paediatric & Adult
	• Tune-able diaphragm and bell

	• Soft sealing ear tips
	• Should be as per **CE**/FDA/BIS/ISI standards:
19	**BP Apparatus (Manual)**
	• One nos.
	• Manual, Dial Type
	• Supplied with regular/extra-large and paediatric size cuffs
	• Should be as per **CE**/FDA/BIS/ISI standards:
20	**Pupillary Torch**
	• One nos. with Spot illumination without peripheral ring of light
	• Should be as per **CE/FDA**/BIS/ISI standards:
21	**Needle & Syringe Destroyer and Sharp Container (Mechanical)**
	• To be securely placed at an appropriate location to allow easy disposal of needles
	• Maximum weight 2.5 Kgs
	• Motion Tolerant
	• EN 1789 Mounting not mandatory
	• **Should be European CE** or US FDA **certified**
22	**Thermometer (Digital)**
	• Two nos.
	• Battery operated
	• with on and off audio alarm
	• Measurable in Fahrenheit and Centigrade
	• Memory of the last reading
	• Should be as per **CE**/FDA/BIS/ISI standards:
23	**Pneumatic Splints**
	• Set of 6 adult sizes (Hand & wrist, Half arm, Full arm, Foot and ankle, Half leg & Full leg) with carrying case
	• X-ray through the splints
	• Inflatory tubes' extension with closing clamp makes closing easy and quick after inflation
	• Fixing of splint is by zipper or belt
	• Distal end left open to expose toes
	• Should be washable and reusable
	• Should be supplied with the appropriate pump required to inflate the splints
	• Should be as per **CE**/FDA/BIS/ISI standards:
24	**Cervical Collars**
	• One no.
	• Rigid and should be suitable for children aged 2 years or older, infant and adults
	• Should be adjustable to 4 different sizes- Tall, Regular, Small & No neck
	• Should have pre-moulded chin support, locking clips and rear ventilation panel, enlarged trachea opening.
	• Should be high-density polyethylene and foam padding with one piece design enabling efficient storage where space is limited

	• Should be X-Ray lucent and easy to clean and disinfect
	• **Should be European CE** or US FDA **certified**
25	**EMT Shears**
	• One nos. with Thermoplastic handles.
	• Should be capable of cutting a one rupee coin.
	• 6” made of SS with one edge round and other edge sharp
	• Should be as per **CE**/FDA/BIS/ISI standards:
26	**Artery Forceps 6"**
	• Two nos.
	• 6” autoclave-able medical grade high tensile stainless Steel
	• Should be as per **CE**/FDA/BIS/ISI standards:
27	**Toothed Forceps 6"**
	• Two nos.
	• 6” autoclave-able medical grade high tensile stainless Steel
	• Should be as per **CE**/FDA/BIS/ISI standards:
28	**Magill’s forceps**
	• Two sizes – autoclave-able medical grade
	• Should be as per **CE**/FDA/BIS/ISI standards:
29	**Kidney Tray**
	• 18/ 8 Stainless Steel.
	• 500 ml capacity
30	**First Aid Kit Bag**
	• Resuscitation & First Aid Kit Bag made of Nylon/tougher material having space for Emergency Airway Management and Resuscitation including essentials drugs, equipment & a portable Oxygen Cylinder of with Regulator, etc.
	• Should be as per **CE**/FDA/BIS/ISI standards:
31	**Search Light**
	• Two nos.
	• Light Source: Xenon Bulb or LED
	• Light Output: minimum 145 lumen
	• Construction: Super tough - chemical and heat resistant
	• It should be Waterproof. Clarification: Waterproof grade should be IP65 or better.
	• Portable with Spot beam of around 400 metres.
	• Sealed Lead Acid/ Ni-Cd battery operated. • Clarification: Other type of batteries are permissible till they don't compromise on the portability and handling of the light.
	• Capacity of 60 minutes with full intensity
	• Docking station style charging base which should be wall and vehicle mountable. (EN 1789 mounting not mandatory)

	• Should be chargeable from 12V DC
32	**Rescue Equipment**
	• Hammer, four pound with 15” handle
	• One Axe
	• Wrecking Bar, minimum 24-inch (bar and two preceding items can either be separate or combined as a forcible entry tool).
	• Crowbar, minimum 48 inches, with pinch point.
	• Heavy duty scissors for cutting clothes, belts and boots
33	**Drugs & consumables for each ambulance:**
	• The Bidder must ensure adequate and appropriate storage space to house the drugs and consumables securely during ambulance’s day to day run as per CRA guidelines.
	• The prototype presented for approval must have at least the minimum quantities of the consumables and drugs as prescribed by the **Committee for Registration of Ambulances in Delhi Guidelines** in stock for verification of the storage space in terms of adequacy and appropriateness
34	**Portable Emergency Case (Box) for extricating patients/casualty from narrow lanes**
	• Case should be made of light metal aluminium, holding, ventilator, suction, oxygen cylinder & provision to store, emergency medicines & life saving devices.
	• **Should be CE, ISO13485 certified.**
	• It must have Mckintosh laryngoscope C 3 blades of different sizes cuffed ET Tubes (all sizes), (one each), non-cuffed paediatric ET Tubes (one each, all sizes) silicon resuscitation bag (all sizes) face masks (one each, all sizes) Airways (all sizes, both oro & Maso pharyngeal), LMA all sizes.
	• Ventilator - Should have control mode of ventilations
	• Electronic alarms for stenosis, kinking, disconnection, low battery & low O2 cylinder pressure
	• Should deliver minimum volume for Adults & Children
	• Deliver breath rate of 8-40 bpm
	• Should provide max ventilation pressure -20-60 mbar
	• Should have inbuilt pressure gauze
	• Reusable patient circuit & masks (adult & paediatric)
	• Should have inbuilt oxygen cylinder of minimum 2 liters capacity
	• Kit should be **European CE** approved and **ISO13485**
	• Cylinder opening key-one
	• Maggils Forceps, Tongue depressor, stethoscope (one)
	• PVC sheathed malleable stylet (adult/paediatric)
	• BP Apparatus, Electronic, portable one
	• Torch (one) Tongue spatula (Wooden, disposable), 1 pkt
	• LTS 11 & Bongie (gas insufflating lumen) (one)
	• Personal Protective Equipment (PPE) (two)
	• Suction Catheters (all sizes)

Annexure-I

BID-FORM

(Separate Bids to be submitted for Package-I and Package-II)

Subject: Package-I : Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (Right Hand Drive) to Tanzania on CIF basis

1	Name of the Bidder	
2	Address of Head Office	
3	Telephone	
4	Fax No.	
5	E-mail Address	
6	Address of Office in India	
7	Address for communication (if different)	
8	Legal Status	
9	Place & Date of Incorporation/ Establishment/Registration	
10	Total Number of Permanent Employees	
11.	Whether any part of the work is proposed to be sub-contracted. if so, whether relevant details have been given in the offer	

Place: (Name & Signature of Authorized Representative)

Date:

Subject: Package-II: Supply, Installation, Testing, Commissioning and Maintenance of 5 Ambulances (Left Hand Drive) to Mali on CIF basis

(Table same as above)

Annexure-II

COMPLIANCE STATEMENT FOR TECHNICAL SPECIFICATIONS
(Separate statements Tanzania / Mali in different envelope)

Package-I: Supply, Installation, Testing, Commissioning and Maintenance of 10 Ambulances (Right Hand Drive) to Tanzania

Sl. No.	Description	Compliance (Yes / No)
1	General Vehicular Design and Floor Plans	
2	Vehicle Operation, Performance and Physical Characteristics	
3	Overall Dimensions	
4	Diesel Engine and Power Train	
5	Steering	
6	Tyres	
7	Suspension	
8	Wireless & GPS System:	
9	Body Structure	
10	Patient Compartment	
11	Oxygen Delivery System	
12	Noise	
13	Air-Conditioning	
14	Siren	
15	Exterior Special Lighting and Illumination	
16	Interior Patient Compartment Illumination:	
17	Electrical System	
18	Radio Frequency Interference (RFI)	
19	Emblems, Marking & Colour Scheme	
20	Operating Manuals, etc. (in French for Mali)	
21	Layout Drawings	
22	Quality Assessment and Inspection	

Package-II: Supply, Installation, Testing, Commissioning and Maintenance of 5 Ambulances (Left Hand Drive) to Mali

(Table same as above)

Annexure-III

PROFORMA OF BANK GUARANTEE FOR BID SECURITY
(Separate BG for Tanzania / Mali to be submitted)

Ref: Bank Guarantee No. ----------

To
The Ministry of External Affairs
Jawaharlal Nehru Bhawan
23-D, Janpath, New Delhi,
PIN-110011

Dear Sir(s),

Whereas the Ministry of External Affairs having its office at Jawaharlal Nehru Bhawan, 23-D, Janpath, New Delhi-110011 (hereinafter called the MEA) which expression shall, unless repugnant to the context or the meaning thereof, include all its successors, administrators, executors and assignees has on behalf of the President of India invited Tender No.----------and M/s ---------- having Registered/Head Office at ---------- ---------- (hereinafter called the "Bidder" which expression shall, unless repugnant to the context or the meaning thereof, mean and include all its successors, administrators executors and assignees) have submitted a Bid Reference No. ---------- and Bidder having agree to furnish as a conditions precedent for participation in tender as unconditional and irrevocable Bank Guarantee of Rs----------(Rupees ---------- Only) for the due performance of Bidder's obligations as contained in the Tender Document supplied by the MEA specially the conditions that (a) Bidder shall keep his Bid open for a period of ---------- days i.e. from ---------- to ---------- or any extension thereof, and shall not withdraw or modify it in a manner not acceptable to the MEA (b) the Bidder will execute the contract, if awarded, and shall furnish Performance Guarantee in the format prescribed by the MEA within the required time. The Bidder has absolutely and unconditionally accepted these conditions. The MEA and the Bidder have agreed that Bid submitted by the Bidder is an offer made on the condition that the Bid, if submitted would be kept open in its original form without variation or modification in a manner not acceptable to the MEA for a period of ----------days i.e. from ---------- to ---------- or any, extension thereof and that submission of the Bid itself shall be regarded as an unconditional and absolute acceptance of the conditions, contained in the Tender Document. They have further agreed that the Contract consisting of Tender Document and submission of the Bid as the acceptance shall be a separate Contract distinct from the Contract which will come into existence when the Bid is finally accepted by the MEA. The consideration for this separate initial Contract preceding the main Contract is that the MEA is not agreeable to sell the Tender Documents to the Bidder and to consider the Bid to be made except on the condition that the Bid shall be kept open for the period indicated above and the Bidder desires to submit a Bid on this condition after entering into this separate initial Contract with the MEA promises to consider the Bid on this condition and Bidder agrees to keep this Bid open for the required period. These reciprocal promises form the consideration for this separate initial Contract between the Parties.

2. Therefore, we ---------- registered (indicate the name of Bank) under the laws of ----------having Registered/Head Office at (hereinafter referred to as the "Bank") which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators and executors hereby issue irrevocable and unconditional Bank Guarantee and undertake to pay immediately on first demand in writing Rupees all money to the extent of Rs---------- (Rupees---------- only) at any time immediately on such demand without any demur, reservations, recourse, contest or protest and/ or without any reference to the Bidder and any such demand made by the MEA on the Bank shall be conclusive and binding notwithstanding any difference between the MEA and the Bidder or any dispute pending before any Court/Arbitrator or any other matter whatsoever. We also agree to give that Guarantee herein the MEA in writing. This guarantee shall not be determined/discharged/affected by the liquidation, winding up, dissolution or insolvency of the Bidder and will remain valid, binding and operative against the Bank.

3. The Bank also undertakes that the MEA at the option shall be entitled to enforce this Guarantee, against the Bank as a Principal debtor, in the first instance, without proceeding against the Bidder.

4. The Bank further agree that as between the Bank and the MEA, purpose of the Guarantee, any notice of the breach of the terms and conditions contained in the Tender Documents as referred above given to the Bank by the MEA shall be conclusive and binding on Bank, without any proof, notwithstanding any other matter or difference or dispute whatsoever. We further agree that this Guarantee shall not be affected by any change in our constitution, in the constitution of the MEA or that of the Bidder. We also undertake not to revoke, in any case, this Guarantee during its currency.

5. The Bank agree with the MEA that the MEA shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms of the Tender or get extension of the validity period from time to time. We shall not be relieved from our liability by reason of any such variation or extension of the validity period or for any forbearance, act of omission and commission on the part of the MEA or any indulgence shown by the MEA to the said Bidder or by any such matter or thing whatsoever which under the law relating to sureties, would, but for this provision, have the effect of so relieving us.

6. Notwithstanding anything contained here in above our liability under his Guarantee is limited to Rs. ---------- (Rupees ---------- only) in aggregate and it shall remain in full force upto ----------(225 days from the date of Bid opening) unless extended further from time to time, for such period as may be instructed in writing by M/s ---------- on whose behalf this Guarantee has been given, in which case, it shall remain in full force upto the expiry of extended period. Any claim under this Guarantee must be received by us before ----------(date of expiry of validity period) or before the expiry of extended period, if any. If no such claim is received by us within the said date/extended date, the rights of the MEA under this Guarantee will cease. However, if such a claim has been received by us within and upto the said date/extended date, all right of the MEA under this Guarantee shall be valid and shall not cease until we have satisfied that claim.

7. In case contract is awarded to the Bidder here in after referred to as "Contractor" the validity of this Bank Guarantee will stand automatically extended until the Bidder furnished to the MEA a bank guarantee for requisite amount towards Performance Guarantee for satisfactory performance of the Contract. In case of failure to furnish Performance Bank Guarantee in the format prescribed by the MEA by the required date the claim must be submitted to us within validity period or extended period, if any. If no such claim has been received by us within the said date /extended date, rights, of the Ministry under this guarantee will cease. However if such a claim has been received by us within the said date/extended date all rights of the MEA under this guarantee shall be valid and shall not cease until we have satisfied that claim,

In witness where of the Bank, through its authorised officer, has set its hand & stamp on this ----------day of---------- *(month & year)* at---------- (*place).*

Signature
(Full name in capital letters)
Designation with Bank stamp

Witness No.1

Signature
(Full name and address in capital letters)

Witness No.2

Attorney as per Power of Attorney
No ----------
Date ----------

Signature
(Full name and address in capital letters)

Annexure-IV

Form of Performance Guarantee / Bank Guarantee Bond
(Separate PBG for Tanzania / Mali to be submitted)

In consideration of the President of India (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed Agreement between ……and …….. (hereinafter called "the said Contractor(s)" for the work ……. (hereinafter called "the said Agreement") having agreed to production of an irrevocable Bank Guarantee for Rs…….(Rupees……..……only) as a Security/Guarantee from the Contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said Agreement.

1. We ……..… *(indicate the name of the Bank)* (hereinafter referred to as the "Bank") hereby undertake to pay to the Government an amount not exceeding Rs …… (Rupees……..only) on demand by the Government.

2. We …… *(indicate the name of the Bank)* do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs……. (Rupees……only).

3. We, the said Bank, further undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) in any suit or proceeding pending before any Court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this Bond shall be a valid discharge of our liability for payment thereunder, and the Contractor(s) shall have no claim against us for making such payment.

4. We …… *(indicate the name of the Bank)* further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement, and it shall continue to be enforceable till all the dues of the Government under or by virtue of the said Agreement have been fully paid, and its claims satisfied or discharged, or till the Engineer-in-charge, on behalf of the Government, certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s), and accordingly discharges this Guarantee.

5. We …… *(indicate the name of the Bank)* further agree with the Government that the Government shall have the fullest liberty without our consent, and without effecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said Contractor(s), and to forbear or enforce any of the terms and conditions relating to the said Agreement, and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. We …….. *(indicate the name of the Bank)* lastly undertake not to revoke this Guarantee except with the previous consent of the Government in writing.

8. This Guarantee shall be valid up to ……..……unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs …… (Rupees …….only), and unless a claim in writing is lodged with us within six months of the date of expiry or extended date of expiry of this Guarantee all our liabilities under this Guarantee shall stand discharged.

Dated the …….day of……. For …….....

(Indicate the name of the Bank)

Annexure-V

Declaration Letter

Date: ……..
Tender No.: …….

To

Under Secretary (DPA- I)
Room No. 2011,
Jawaharlal Bhawan,
23 D, Janpath, New Delhi

Dear Sir,

We, …..[Bidder name] ……. hereby declare that:

(i) We accept all terms and conditions in the Tender Document.

(i) Performance Bank Guarantee of 10% of the Order value will be submitted within 30 days of issue of the Purchase Order by MEA.

(ii) We are not under a declaration of ineligibility for corrupt and fraudulent practices.

(iii) We have submitted genuine documents. If MEA find that any forged document submitted by us, MEA may terminate us and forfeit my EMD and take stringent action against us as per Govt. of India guidelines.

(iv) We accept that all doubts, concerns or ambiguity in the Tender Document, if any, have been raised by us during the Pre-Bid conference; the same have been clarified through the Pre-Bid minutes.

(v) If we raise any doubt, concerns, ambiguity issues, interpretation issues, after submission of the bid, MEA may disqualify us from bidding process without prior notification and may also forfeit our EMD and we will accept the MEA's decision.

(vi) We accept that all Clauses, Sub-Clauses and Annexures in the Tender Document are explicitly defined.

(vii) We will accept MEA's internal technical and financial evaluation procedure and will not interfere in the process after submission of the Bid. We shall not deviate the bid process and not try to stall the process; if do so, MEA may take stringent action against us.

(viii) We will follow all guideline mentioned in the Tender Documents.

(ix) We accept all points mentioned above, even if we have not attended Pre-Bid Conference.

(x) It is certified that there has been no decrease in the price of price variation indices and in the event of any decrease of such indices during the currency of this contract, we shall promptly notify the same to the purchaser and offer requisite reduction in the contract rate.

Signature :

Full Name :

Seal :