

**ONLINE TENDER FOR UP-GRADATION
(AUTOMOTIVE FABRICATION) OF B TYPE
AMBULANCES**

Additional Director of Medical Services

Commisionerate of Health, Medical Services and Medical Education

Block No.5,Dr.Jivraj Mehta Bhavan, Sector -10,Gandhinagar,Gujarat-382010

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Table of Contents

Sr. No	Description	Page No.
1	General Brief	4
2	Important Dates And Deadlines For Tender	5
3	A. Tender Guidelines	6
4	B. Procedure For Submitting Tender Document	7
5	C. Tender Evaluation	8
6	D. General Terms & Conditions for Fabrication	10
7	E. Terms Of Supply	12
8	Annexure (I to XIII)	18 to 49

List of Annexure

Sr. No	Description		Page No.
1	Annexure – I	Pre Qualification Check List	18
2	Annexure – II	Tender Form	19
3	Annexure – III	Undertaking on fraud And Corruption	21
4	Annexure – IV	Performance Security Bank Guarantee	22
5	Annexure – V	Supplier Information Form (SIF)	23
6	Annexure – VI	Annual Turnover Statement	24
7	Annexure – VII	Affidavit	25
8	Annexure – VIII	Govt. Of Gujarat, Finance Dept. GR For EMD & BG	27
9	Annexure – IX	Performa For Performance Statement	28
10	Annexure – X	Specifications	29
11	Annexure – XI	Workmanship Criteria For Acceptance	46
12	Annexure - XII	Declaration	47
13	Annexure – XIII	Commercial Bid Format	49

General brief

GVK Emergency Management and Research Institute a nodal agency to provide Emergency Management Services in Gujarat under Public Private Partnership (PPP) model has been authorised to float the online Tender for up gradation (Automotive Fabrication) of B Type Ambulances on behalf of Additional Director of Medical Services, Commissionerate of Health, Medical Services and Medical Education ,Gandhinagar, Gujarat.

Online Bids are invited from reputed Automobile Fabricators for up gradation work as per details of Tender. The specifications for up gradation work along with detailed descriptions are given in the Annexure X.

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

Important dates and deadlines for tender are given below.

TENDER REFERENCE NO : ADMS/GJ/ET/108/AMBU/RT/1819

Sr. No	Description	Schedule
1	ON LINE SALE OF TENDER DOCUMENT	07/03/2019 onwards
2	PRE BID MEETING	14/03/2019 at 12.00 Hrs.
3	LAST DATE FOR ONLINE SUBMISSION OF TENDER DOCUMENT	28/03/2019 up to 18.00 Hrs.
4	LAST DATE AND TIME FOR PHYSICALY RECEIPT OF EMD AND SUPPORTING DOCUMENT AT GVK EMRI Ahmedabad OFFICE	29/03/2019 up to 14.00 Hrs.
5	TIME AND DATE FOR OPENING OF TENDER TECHNICAL BID	29/03/2019 up to 16.00 Hrs.
6	TIME AND DATE FOR OPENING OF TENDER COMMERCIAL BID	After evaluation of technical bid
7	COST OF THE TENDER DOCUMENT (Tender Fee)	Rs.15,000/- + 18% GST = Rs.17,700/- (Non refundable)
8	EMD	Rs. 35,00,000 /-(Refundable)
9	VALIDITY OF BID	180 Days

Online e-tenders are invited by **GVK Emergency Management and Research Institute on behalf of Additional Director of Medical Services**, from reputed vehicle Manufacturers / Body builders /Automotive Fabricators for up gradation of **324 Nos B Type Ambulances**. The technical specification of Vehicle Fabrication, Supplies, Tender conditions and other details are given in this tender document.

The online tender documents can be downloaded from website **<https://www.nprocure.com>** for online price bids.

Bidders who wish to participate in this tender will have to register on <https://emri.nprocure.com>. Further Bidders who wish to participate in online tender will have to procure Digital Certificate as per Information Technology Act 2000 using which they can digitally sign their electronic bids. Bidders can procure the same from (n) code solutions, a division of GNFC Ltd., who are licensed certifying authority by Govt. of India and they will assist them in procuring the same at below mentioned address. Bidders who already have a valid Digital Certificate need not procure a new Digital Certificate.

Manager (Marketing),
(n) Code Solution-A division of GNFC Ltd.
301, GNFC Infotower, S.G.Road, Bodakdev,
Ahmedabad-380054 (GUJARAT)
Phone: 079-26854511, 26854512, 26854513
Fax: 079-26857321

A. Tender Guidelines

1. Definitions

- ADMS – Additional Director of Medical Services
- PO – Purchase Order
- GVK EMRI – GVK Emergency Management and Research Institute
- Fabrication – Up gradation of B Type Ambulance which include necessary modification / fabrication as per tender
- EMD – Earnest Money Deposit
- DD – Demand Draft
- BG – Bank Guarantee
- BC – Banker's Cheque
- Purchaser – ADMS.
- Tenderer – Bidders who have submitted Valid Tender Document
- Supplier – Successful Bidder (s), to whom, the tender quantity is distributed
- SBU – Strategic Business Unit
- Sample – One Piece Manufactured by Bidder
- PMMA - Poly Methyl Methacrylate
- OEM – Original Equipment Manufacturer
- Bidder – OEM or Authorized Trading partner such as dealers / distributors
- RC – Rate Contract
- AT – Acceptance of Tender

2. The entire document should be properly page numbered, signed and should have appropriate and relevant contents.
3. An optional pre bid meeting can be conducted at the Conference hall of GVK EMRI, Naroda Kathwada Road, Ahmedabad 382 330.
4. Tender Fee, EMD and Supporting Documents must be physically submitted, signed by proper authority on each page of the Tender documents and the Annexure there in, to GVK EMRI Ahmedabad Office at Naroda Kathwada Road.
5. **Only Online price bids will be considered and price bids in other (Physical) form will not be accepted.**

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

Tenders not satisfying the procedure prescribed in the tender document will be treated as invalid and rejected summarily. Further, the Committee reserves the right to accept or reject the lowest or all offers without assigning any reason thereof.

For further details / clarification, please contact:

Mr. Ashish Muley

Supply Chain Management
GVK Emergency Management and Research Institute,
108 Emergency Management Centre,
Naroda-Kathwada Road, Ahmedabad - 382330.
Tel: 079 22814896 / E-mail: ashish_muley@emri.in

B. PROCEDURE FOR SUBMITTING TENDER DOCUMENT

1. The Tenderer should invariably submit his tender in three sealed covers separately namely [1] Tender Fee, [2] E.M.D. covers [3] Technical Supporting Documents.

Above three envelopes are again put in single envelope super scribed with the tender No. ADMS/GJ/ET/108/AMBU/RT/1819

2. Online tender(s) without physical submission of Tender fee, EMD and supporting documents duly signed will not be considered and will be summarily rejected.
3. Tender must quote their prices (On-line only) in the schedule format supplied in the online tender form. Tender received in any other form will not be accepted.

4. Tender fee and EMD Cover

- 4.1 Payment towards Tender Fee should be made by Demand Draft (DD) payable at Ahmedabad at any Nationalized / schedule bank.
- 4.2 **EMD Rs. 35,00,000/-** should be paid in form of Demand Draft in favor of Additional Director (Medical Services) drawn on any bank in Ahmedabad OR irrevocable Bank Guarantee issued by Nationalized Bank including the Public Sector Bank / Private Sector Bank / Regional Rural Bank of Gujarat / Co-operative Bank of Gujarat mentioned in G.R.No.EMD/10/2018/18/DMO, Dt.16/04/2018 of Finance Department, Govt.of Gujarat as amended from time to time will be followed. The DD/BG should be issued by bank after the date of advertisement of tender enquiry.
- 4.3 Bank Guarantee will be accepted in case, where amount of EMD exceeds Rs. 5000/- B.G. should be valid up to 6 month from the date of its issuance. E.M.D. in any other form will not be accepted.
- 4.4 Payment should be made in favor of “ Additional Director (Medical Services)”
- 4.5 Payment made toward Tender Fee will not be refunded
- 4.6 Non-payment of the Tender Fee will make the tenderer liable for disqualifications.
- 4.7 EMD would be refundable under following conditions:
 - a) Tender is closed at any stage of procurement

- b) Rejection of bid at primary or technical scrutiny level
- c) After issuance of Rate Contract/Purchase Order.
- 4.8 Non- payment of the EMD will make the tenderer liable for disqualifications.
- 4.9 Those Tenderers who are exempted for payment of Tender Fee and EMD must enclose necessary documents like SSI Registration [of Gujarat State] along with NSIC / DGS&D / CSPO Registration for item under tender enquiry.
- 4.10 Wrong / Fraudulent data submission may lead to disqualification /debarment. Please ensure that you furnish correct data.

C. Tender Evaluation:

Tender will be evaluated in three stages:

a. Preliminary evaluation:

- I. Tenders will be scrutinized for their adequacies in terms of Tender Fee, EMD and required Documents with Tender as per Annexure I.
- II. All vendors are requested to strictly submit the documents in sequence as per preliminary evaluation criteria.

Eligibility Criteria:

- i) Only India based reputed Vehicle Manufacturers / body builders for Ambulance Supply/Fabrication are eligible to participate in the tender.
- ii) Only vendors who have prior experience of fabricating average 50 Ambulances per annum fabricated in ABS/FRP during last three financial years (including current financial year) are eligible to participate in the tender.
- iii) Vehicle manufacturers capable of supplying fully built ambulance as per specifications are eligible to participate in the Tender.
- iv) Vendors having their in-house tool room and plastic processing facility will be eligible to participate in Tender.

b. Technical evaluation :

- (i) Technical evaluation of the supplied vehicles tendered will be done by a Technical Committee constituted by Govt. of Gujarat.
- (ii) Tenders submitted with technical specifications mentioned in this tender form will only be considered.
- (iii) Committee during technical evaluation may visit the works and ask for samples for similar jobs carried out by the bidder to evaluate the technical capabilities.
- (iv) Bidder shall be asked to demonstrate the vehicles during the technical evaluation phase within a short notice for technical assessment.

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

- (v) A prototype Van with all equipments will have to be offered for approval to the technical committee as per the delivery schedule prior to bulk supply.
- (vi) The bidders will need to submit the satisfaction certificates, specifically referring to in the following parameters, in case the bidder has fabricated ambulances in the past :-
 - a) Adherence to delivery schedules as per the Purchase Order
 - b) Quality parameters of fabrication
 - c) After sales service satisfaction.
 - d) Availability of the technicians in the respective State/Locations
- (vii) The bidder who has failed to deliver the vehicles on time earlier, may not be given 100% order, even if the said bidder emerges as technically qualified L1 bidder. ADMS Tender Committee reserves the right to distribute order quantity among multiple vendors based on timely completion requirements to launch the ambulances in service and past experience with vendors in terms of QUALITY, DELIVERY and AFTER SALES SUPPORT.
- (viii) In case of distribution of order quantity between two vendors at matched rates the ratio will be 60 : 40 of total order quantity.
- (ix) ADMS reserves the right to levy penalty of maximum of 25 % of PO value for deviations from the technical specifications of the tender and warranty services.

The legible and certified copies of the following Technical supporting documents must be submitted as mentioned in Annexure.

- i) Manufacturing license: Industrial license / I.S.I. Certificate / Factory Inspectors license / Product permission {if applicable}/ Registration certificate with C.S.P.O./ S.S.I./ K.V.I.C./ N.S.I.C./ D.G.S.&D / MSME Part-II acknowledgment /SIS registration and Central Excise Registration /Udyog Aadhar acknowledgment of the Bidder or Principal manufacturer {whichever is applicable} or other pertain to required services.
- ii) Copy of the Partnership deed / Memorandum of Articles / Registration of Firm {whichever is applicable}.
- iii) GST registration copy.
- iv) Permanent Account number (PAN) copy.
- v) Empanelment form giving all financial / market / statutory details about firm / company (Annexure V).
- vi) Audited financial statements with all reports of last three financial years. In case of unaudited Financial Statements CA Certified Turn Over Certificate must be enclosed for the past 3 years (including current financial year) as a compliance to **average turnover Rs.500 Lakhs / Annum.**
- vii) Only one bid will be accepted from a Group of companies and entities .
- viii) Documents mentioned in Eligibility criteria.
- ix) Literature or Catalogue of the quoted product/item (if applicable)
- x) Affidavit in ORIGINAL on Non-Judicial Stamp Paper of Rs. 100/-duly attested by First Class Magistrate / Notary public. (Annexure-VII)
- xi) Performa For Performance Statement (Annexure – IX)

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

- xii) All photocopies are required in self-attestation mode except Annexure-VII which needs to be attested by First Class Magistrate / Notary public.
- xiii) Entire Tender Document with annexure duly signed & stamped
- xiv) Declaration (Annexure – XII)

Technical Evaluation Committee shall consider the information furnished by vendor on technical requirements as sufficient and qualify the vendor for price bid opening. If, at any stage of pre-supply and post supply period, it is found that any information furnished by the vendor is either false or hidden or fabricated, such vendor may be blacklisted and prohibited from participating in any of future tenders for a period of 10 years. Committee may at its sole discretion will use services of a third party to verify the authenticity of the data furnished by vendors

All vendors who meet the preliminary criterion and submit technical bids conforming to the technical evaluation criterion will be shortlisted for commercial evaluation.

c. Commercial evaluation

Commercial Bids of the vendors, who qualify in the Technical Bid Evaluation, will be opened online. L-2 and other qualified vendors will be contacted only if L-1 vendors fail in delivery schedules/any other tender terms and conditions.

Commercial Bid :

C1.1 The commercial bid submission should be done on the website only <https://www.nprocure.com>

C1.2 The bids should be submitted on or before the time stipulated in tender notice at the website <https://www.nprocure.com>

C1.3 Any type of price should not be disclosed in physical documents otherwise bid will be rejected.

Note:

No tender will be accepted after prescribed closing time for submission of the same. The delay will not be condoned for any reason whatsoever including postal/transit delay. However, if the last date of submission of tenders is declared as a holiday by the Government, the last date of submission of tenders will be extended to the next working day.

Committee at its sole discretion may negotiate with the L-1 vendor to further reduce the prices; in case it is felt that L-1 prices are more than prevalent market prices or any other reason in the interest of respective state Government.

D. General Terms and Conditions for Fabrication

(a) Ambulance Base Vehicle Fabrication: Annexure - X, Part (A-B-C)

(b) Workmanship Criteria for acceptance: Annexure –XI

- (c) Before submission of any tender, the tenderer must verify that they have submitted all relevant certificates / permissions / registration documents in proper format along with tender. No intimation of missing documents and no documents will be accepted thereafter and the tenders will be processed on the basis of available documents / certificates. If the requisite documents are not submitted or even if submitted are not in proper format, the tender is liable to be rejected.

ADMS/Committee may seek any clarification / explanation / documentary evidence related to offer at any stage from tenderers if required. However, any clarification / explanation or documentary evidence leads to implication on quoted price, it shall be considered only for technical evaluation but not for price evaluation.

- (d) The E.M.D. / Security Deposit shall be liable to get forfeited in the following circumstances when the,

- (i) Tender is rejected due to failure to supply the requisite documents in proper format or giving any misleading statement or submission of false affidavit or fabricate documents.
- (ii) Party fails to sign the agreement for entering into contract in case the offer is accepted, due to any reason whatsoever.
- (iii) Party fails to supply the goods / items as per the orders / R.C. placed by ADMS within the delivery period so stipulated time line.
- (iv) Party fails to replace/correct the supplied material declared to be wrong / different from specification and R.C. holder / successful bidder have to refund the cost of such goods.

- (e) **Back out from tender at any interim level during tender processing:** -Once the tenders are submitted it will be the responsibility of the tenderer not to escape halfway directly or indirectly by way of raising any problems.

- (f) In no case the certificate should be dated earlier than one year {unless otherwise specified} and should be in force and valid on the last date of the submission of the tender / signing of the agreement {as the case may be}. In case, the certificates / licenses / permission are outdated or the validity period is over, the proof of applying for renewal should also be attached. Such certificates will be considered if the renewal has been applied for within the time limit prescribed for the renewal of that permission / license /certificate under the relevant rules and further if such application for renewal is not specifically rejected by the competent authorities. In case any certificate is still awaited from the competent authority, the proof of making the application should also be attached which will be considered if the application is not specifically rejected by the competent authorities.

- (g) The tenderer must satisfy that they are in possession of the requisite permissions / licenses / permits required for the supply of the items for which the offer is made. Failure to enter into contract if selected or to execute the purchase orders after

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

- entering into contract for want of permission /license or due to non-supply of certificates / documents will be viewed seriously and will invite forfeiture of E.M.D. / risk purchase / disqualification for 2 years without any further reference.
- (h)** The tenders will be opened online on the date, time specified in tender notice. In the first instance, only "Technical bid" will be opened online on the date of opening the tender and taken into consideration for finalization. Subsequently, the "commercial bid" will be opened online only for those tenderers whose quotations satisfy the technical requirement of the indenter and are otherwise acceptable.
- (i) The tender is liable for rejection due to any of the reasons mentioned below:**
- i. Non-Submission of tender within stipulated time online.
 - ii. Submission of tender without Tender Fee.
 - iii. Tender is unsigned OR not initialed on each page or with unauthenticated corrections.
 - iv. Submission of tender documents in unsealed envelope.
 - v. Tender not submitted in separate envelopes as per conditions and the envelopes are not super scribed with details of the tender enquiry and part enclosed.
 - vi. Non-payment of Earnest Money Deposit {if not exempted.}
 - vii. Non-submission of required documents as shown at Eligibility criteria section.
 - viii. Conditional and / or vague offers
 - ix. Unsatisfactory past performance of the tenderer.
 - x. Rates have been shown elsewhere than Commercial bid.
 - xi. Items with major changes / deviations in the specifications / standard /grade / packing / quality are offered in Technical bid.
 - xii. Submission of misleading / contradictory / false statement or information and fabricated / invalid documents.
 - xiii. Tenders not filled up properly.
 - xiv. Non-submission of Turnover Certificate.
 - xv. Non submission of documents mentioned in List of Annexures wherever applicable.

E. TERMS OF SUPPLY

Medical Equipments, for the Ambulances (New/Retiring old Ambulances), supplied by ADMS/GVK EMRI will have to be fitted /replaced onsite /at works as per the Operational requirements of ADMS/GVK EMRI without any extra cost.

ADMS reserves the right to approve the design/layout and to carry out changes in fabrication during the fabrication of whole supply of tender quantity.

1. Price:

- i) The price offered in the online tender should be as per the FINANCIAL BID format consisting of all costs, duties and taxes applicable, including freight and transit insurance for collection from GVK EMRI/OEM Ware House and to delivery at Ahmedabad or any other location as specified by ADMS.
- ii) All costs and tax components should be shown separately in the Invoice.

- iii) Items provided by OEM, but not required by ADMS will be vendor's property.
- iv) Bidders while bidding should consider the scrap/salvage value of the unwanted additional accessories/ fitments of OEM's vehicle to be removed if any.

2. Warranty:

- A) The manufacturer should provide onsite warranty of minimum 3 year or as per OEM whichever is higher from the P.O completion date, against any defect in fabrication, electrical wiring and equipments used like; Emergency Light bar Assembly, LED tub light, Blinkers, FOX light, Wash Basin System, Inverter & other electrical/ electronic appliances, supplied medical equipment etc, provided in the fabrication of the ambulance.
- B) The inverter supplied with fabrication (Preferable M/s Luminous 1050 VA as a process of standardization in all our ambulances).
- C) All the ABS panels must have **03** years free repair/replacement warranty for any manufacturing defect. Technical Committee will have the right to approve the quality of repair and may recommend for replacement if repair work is not satisfactory /feasible.
- D) Fabrication will be covered under unconditional on-site warranty for a period of three year and Vender has to attend defects within a week from the date of intimation. If vender fails to attend the defects with in prescribed time limits then Rs 250 per day will be recovered till defect attended satisfactorily.

Note: Time lines for rectification under warranty: Point no 2 D above is applicable for all the rectification and repair work. If the defect is not attended within 15 days time, the same will be attended locally without any prior information to vender and the repair cost would be recovered from any outstanding bills or deposit, also ADMS is not liable to return the defective material.

- E) For stickering work bidder will be responsible for 3 years in case if any quality defects & the quality of colors (specifications will be provided in Tender Document).
3. ADMS neither recommends any vendor selected within or outside tender specifications nor is responsible for any technical and/or commercial disputes.
4. **Delivery / Supply schedule:** The successful bidder has to supply the fully fabricated with all mentioned accessories/ instruments prototype vehicle as per delivery schedule given below;

Batch	Number of Vehicles	Fabricated Vehicle to be delivered at specified location, from the date of receipt of Base vehicle or prototype approval whichever is later, within
1	01(Proto type)	30 Days
2	100 Nos.	30 Days
3	100 Nos	30 Days
4	100 Nos	30 Days
5	23 Nos	10 Days

Note: Quantity Break up of Ambulances is as given below;

296 Nos. -108- Ambulance

28 Nos. – Neo natal Ambulance

Successful Bidder will have to make necessary customization for 28 Nos. Neo natal Ambulances as per operational requirement.

Delay in supply of base vehicle will be considered as non-penalty time for fabricators.

The fabricator will be responsible for any financial loss to ADMS due to late delivery of fabricated ambulances as per tender terms and conditions. The same loss may be recovered from the responsible vendor and the final decision in such matters can be taken by ADMS which will be abiding to the vendor.

5. **Re-Allocation / Cancellation of tender:** In case of failure or on the part of the successful tenderer to fabricate and deliver the vehicles with in the stipulated date mentioned in the purchase order, ADMS may cancel the purchase order in full, or part, and re-allot the same to next lowest tenderer who otherwise fulfills all conditions **And any extra expenditure involved due to this change will be recovered from vendor's deposit/outstanding/available dues/EMD/Security Deposit.**
6. **Order Quantity:** The actual order quantity may increase or decrease as mentioned in tender quantity; the delivery schedule will be amended keeping the same time lines in the Purchase Order for increased quantity. The tender Quantity may be divided among multiple vendors in case of need.
7. **Liquidated damages for late delivery:** ADMS will levy/deduct for delayed fabrication of ambulances, a penalty of Rs. 1,000/- per unit per day. On successful tenderer, who is given the purchase order, and who fails to deliver the fabricated vehicles as per the delivery schedule. The maximum L.D. will be charged within a ceiling of 10% of PO value.
 - A. Penalty for Rs 1000/- per Vehicle per day Upto 7 delay days
 - B. Penalty of Rs.2000/- per vehicle per day between 8 To 15 delay days
 - C. Penalty of Rs.3000/- per vehicle per day between 15 To 30 delay days

D. Beyond 30 days PO may be cancelled and PBG will be forfeited at the sole discretion of ADMS.

8. Alternative Purchase

If the successful Bidder fails to execute the order within the stipulated time; the Tender Inviting Authority will be at liberty to make alternative arrangements to complete the work for which purchase orders have been placed from any other source or from the open market, at the risk and cost of the supplier. This would be in addition to any other penalties including forfeiture of security deposit.

9. The fabricator will be responsible for pre receipt inspection with format supplied by ADMS and or any discrepancies with the tools, accessories etc supplied with base vehicle. If the vendor observes any such discrepancy, he should reject acceptance with written intimation to ADMS Office.

10. Any damage observed in base vehicle during fabrication work need to get repaired by vendor through authorized dealer of vehicle manufacturers at his own risk and cost otherwise this repair amount will be deducted from their bills / outstanding and actual date of delivery of vehicle will be considered after satisfactory repair only.

11. Stage inspection and Pre-delivery Inspection of fabrication: Stage wise inspection will be carried out by ADMS/GVK EMRI/Any Authorized Agency and after final inspection and acceptance at works of the vendor vehicles will be delivered to destination suggested by ADMS.

12. Payment terms: 25% of payment will be made along with Purchase Order against bank guarantee for 25% of order value (valid for 6 months), 70% within 30 days of delivery, inspection, acceptance of fabricated vehicle and submission of invoice. 5% payment will be released on receipt of Performance Security Deposit as per clause no. 13.

13. Performance Security Deposit:

The successful bidder, shall be required to submit **Performance Security Deposit of 5% of the order value** in the form of Performance Bank Guarantee in favor of "Additional Director of Medical Services", payable at Ahmedabad valid for a period of 3 years and additional 3 months from the date of completion of order. The Bank Guarantee shall be returned on completion of the Warranty period of the goods supplied.

However, if the supplier fails to execute the order or fails to perform the services as per contract, in addition to other penal actions, the Bank Guarantee shall be encashed & the amount forfeited.

14. Ethics: Any attempt by a tenderer to obtain confidential information, enter into unlawful agreement with competitors or influence the committee or the Contracting

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

Authority during the process of examining, clarifying, evaluating and comparing tenders shall make the tender submitted by that tenderer liable for rejection.

15. Jurisdiction: All disputes arising out of or in connection with this tender shall be referred to law courts with Ahmedabad Jurisdiction only.

16. Power of Cancellation: ADMS reserves the right to cancel the tender notification and reject any or all the tenders, at any time during the process of receipt, evaluation, and finalization of tenders, without assigning any reason what-so-ever.

17. Force Majeure: If at any time during the validity of the Contract, the performance in whole or in part by either party of any obligation under this Contract shall be prevented or delayed by reasons of War, Hostility, Acts of Public Enemy, Civil Commotion(s), Sabotage, Fire(s), Flood(s), Explosion(s), Epidemic, Quarantine Restrictions, Acts of State or Acts of God, hereinafter referred to as eventualities, then the Contract period will get extended for the period of Force Majeure, provided Notice of the happenings of any such eventualities is given, supported by a certificate of appropriate authority or Chamber of Commerce by either party to the other within 15 days from the date of occurrence thereof. Neither party shall by reason of such eventualities be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non performance or delay in performance. Work under this contract shall resume as soon as practicable after such eventualities have come to an end or ceased to exist and the decision of the Company as to whether the work has to be resumed shall be final and conclusive. Should one or both parties be prevented from fulfilling their contractual obligations by state of Force Majeure lasting continuously for a period of at least three months, the parties shall consult each other regarding further continuation of the Contract.

18. Fraud & Corruption:

The bidders, suppliers and contractors shall observe the highest standard of ethics during bidding and during performance of the contract. For the purposes of this provision, the following acts shall be considered as corrupt and / or fraudulent practices.

- “Corrupt Practice” means offering, giving, receiving, or soliciting directly or indirectly, of anything of value to influence the action of an official in the procurement process or in contract execution.
- “Fraudulent Practice” means misrepresentation or omission of facts in order to execution of contract.
- “Collusive practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive level.
- “Coercive Practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process or in execution of a contract.

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

During the process of evaluation of a bid or proposal for award of a contract, if it is detected that a bidder directly or through agent has engaged in corrupt, fraudulent, collusive or coercive practice in competing for the contract in question, then a) the bid shall be rejected and b) declare the firm ineligible for a specific period or indefinitely to participate in a bidding process.

In the bid document itself, an undertaking from the bidders may be obtained in the format at ANNEXURE- III.

19. Saving Clause

No suit, prosecution or any legal proceedings shall lie against Tender Inviting Authority or any person for anything that is done in good faith or intended to be done in pursuance of tender.

20. Arbitration Clause: In case of any dispute, the decision of Additional Director of Medical Services Gujarat will be final and honored.

21. Termination:

23.1 ADMS reserves right to terminate this contract without cause by issuing 30 days prior notice to supplier.

23.2 The supplier may also terminate this contract by issuing 60 days prior notice to the purchaser, however, there shall be no termination by supplier within initial six months of this contract.

Additional Director Medical Services, Gujarat

Annexure I
Pre Qualification Check List

Sr. No.	Document	Submitted (Yes/No/NA)
1	Tender Fee	Yes/No/NA
2	EMD	Yes/No/NA
3	Manufacturing license: Industrial license / I.S.I. Certificate / Factory Inspectors license / Product permission {if applicable}/ Registration certificate with C.S.P.O./ S.S.I./ K.V.I.C./ N.S.I.C./ D.G.S.&D / MSME Part-II acknowledgment /SIS registration and Central Excise Registration /Udyog Aadhar acknowledgment of the Bidder or Principal manufacturer or any other pertain to required servises {whichever is applicable}.	Yes/No/NA
4	Copy of the Partnership deed / Memorandum of Articles /Registration of firm {whichever is applicable}.	Yes/No/NA
5	GST registration copy	Yes/No
6	Permanent Account number(PAN) copy	Yes/No
7	Affidavit in ORIGINAL on Non-Judicial Stamp Paper of Rs. 100/-duly attested by First Class Magistrate / Notary public. Annexure-VII	Yes/No
8	Entire Tender Document with annexure duly signed & stamped	Yes/No
9	Empanelment form giving all financial / market / statutory details about firm / company (Annexure V).	Yes/No
10	Audited Financial statements with all reports of last three financial years. In case of unaudited Financial Statements CA Certified Turn Over Certificate must be enclosed for the past 3 years (including current financial year) as a compliance to average turnover Rs.500 Lakhs / Annum.	Yes/No
11	Document asked in eligibility criteria	Yes/No/NA
12	Literature or Catalogue of the quoted product/item (if applicable)	Yes/No/NA
13	Performa For Performance Statement	Yes/No/NA
14	Declaration (Annexure-XII)	Yes/No

ANNEXURE II

TENDER FORM

(Submit Physical Supporting in separate forms for other different Annexures mentioned under different serial numbers)

(For the fabrication of Ambulances)

1. Name of the fabricator (Organization):

2. Name of the Chief Officer and Address:

3. Address of the registered office of the Fabricator:

4. Address of the Factory / Plant:

5. Number of employees:

Description	No. Available
Total Employees available	
Sheet metal technicians	
FRP work/ ABS thermoforming technicians	
Mechanical fitters	
Welders	
Electricians	
Painters	
Carpenters	
Managerial staff	

6. Company Profile: Please attach company profile showing capacity of fabricator

i) Number of vehicles fabricated in 2015-16, 2016-17 and 2017-18
(Please attach pictures of vehicles, list of customers and Purchase orders)

7. Turnover in last three Financial Years

8. EMD details with tender form Rs.35, 00,000/- In words (Rs.Thirty Five Lacs Only) - DD.No / Bank Guarantee: _____; Name of the Bank and Issued branch: _____

9. Declaration by the tenderer: I have gone through all the tender conditions and I agree to abide by the same.

**SIGNATURE OF THE
TENDERER WITH DESIGNATION and OFFICE SEAL**

Enclosures: All Annexure duly signed and stamped.

ANNEXURE III

UNDERTAKING ON FRAUD AND CORRUPTION

We M/s Do hereby undertake that, in competing for (and, if the award is made to us, in executing) the subject contract for supply ofunder tender reference no. Dt We shall strictly observe the laws against fraud and corruption in force in the country.

Signature of proprietor/Partner/Director

Designation:

Seal:

ANNEXURE IV

Performance Security Bank Guarantee

.....(*Insert: Bank's Name and Address of Issuing Branch or Office*)

Beneficiary: (*Insert: name and Address of Purchaser*)

Date:

PERFORMANCE GUARANTEE No:

We have been informed that (*insert: name of Supplier*) has entered into Contract No. (*Insert: reference no of the contract*) dated With you, for the supply of (*insert: description of goods*).

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Supplier, we (*insert: name of bank*) hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of (*insert: amount in figures*) (.....) (*insert: amount in words*) upon receipt by us of your first demand in writing accompanied by a written statement stating that the supplier is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire no later than the Day of, 2..... , and any demand for payment under it must be received by us at this office on or before that date.

** The guarantor agrees to extension of this guarantee for a further period in response to the purchaser's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.

Annexure V
Supplier Information form (SIF)

1. Name of Organization: _____

2. Permanent Account Number (PAN): _____

(Pls. enclose Copy)

3. Registered Address: _____

4. Correspondence Address: _____

5. Deal in kind of Services/Products: _____

6. GST Registration:- _____

7. Bank A/C Details

Name of Bank : _____

Bank A/C No : _____

(Current/Saving)

Branch & Add : _____

IFSC code : _____

MICR code : _____

8. Contact Details

Contact Person : _____

Telephone No : _____

Mobile No : _____

E-Mail ID : _____

9. Name of sister concern or any

_____ Interdependent Entity (If Any)

(Signature of Authorized Person) Date:

[Name _____ : Designation _____]

ANNEXURE- VI

ANNUAL TURN OVER STATEMENT

(CA Certified)

The Annual Turnover of M/s _____ for the past three years and concurrent commitment for the current financial year are given below and certified that the statement is true and correct.

Sr. No.	Year	Turnover in Lakhs (Rs.)
1		
2		
3		
Total		Rs. _____ Lakhs
Average turnover per annum		Rs. _____ Lakhs

Date :

Place :

Name & Signature of

Chartered Accountant

Seal

ANNEXURE- VII

Affidavit

(TO BE SUBMITTED PHYSICALLY)

(To be submitted IN ORIGINAL on Non - Judicial Stamp Paper of Rs.100/ - duly attested by First Class Magistrate / Notary Public)

I/We _____ Age _____ years residing at _____ in _____ capacity of _____ M/s.

_____ hereby solemnly affirm that

1. All General Instructions, General Terms and Conditions, as well as Special Terms & Conditions laid down on all the pages of the Tender Form, have been read carefully and understood properly by me which are completely acceptable to me and I agree to abide by the same.
2. / We have submitted following Certificates / Documents for T.E. as required as per General Terms & Conditions as well as Special Terms & Conditions of the tender.

Sr. No.	Name of the Document
1	
2	
Onwards	

3. All the Certificates / Permissions / Documents / Permits / Affidavits are valid and current as on date and have not been withdrawn / cancelled by the issuing authority.
4. It is clearly and distinctly understood by me that the tender is liable to be rejected if on scrutiny at any time, any of the required Certificates / Permissions / Documents / Permits / Affidavits is / are found to be invalid / wrong / incorrect / misleading / fabricated / expired or having any defect.
5. I / We further undertake to produce on demand the original Certificate / Permission / Documents / Permits for verification at any stage during the processing of the tender as well as at any time asked to produce.
6. I / We also understand that failure to produce the documents in "Prescribed Proforma"(wherever applicable) as well as failure to give requisite information in the prescribed Proforma may result in to rejection of the tender.
7. My / Our firm has not been banned / debarred / black listed at least for three years(excluding the current financial year) by any Government Department / State Government / Government of India / Board / Corporation / Government Financial Institution in context to purchase procedure through tender.
8. I / We confirm that I / We have meticulously filled in, checked and verified the enclosed documents / certificates / permissions / permits / affidavits / information etc. from every aspect and the same are enclosed in order (i.e. in chronology) in which they are supposed to be enclosed. Page numbers are given on each submitted document. Important information in each document is "highlighted" with the help of "marker pen" as required.
9. The above certificates / documents are enclosed separately and not on the Proforma printed from tender document.

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

10. I / We say and submit that the Permanent Account Number (PAN) given by the Income Tax Department is _____ which is issued on the name of _____ [kindly mention here either name of the Proprietor (in case of Proprietor Firm) or name of the tendering firm, whichever is applicable].
11. I / We understand that giving wrong information on oath amounts to forgery and Perjury, and I/We am/are aware of the consequence thereof, in case any information Provided by us are found to be false or incorrect, you have right to reject our bid at any stage including forfeiture of our EMD/PBG/cancel the award of contract, in this event. This office reserves the right to take legal action on me/us.
12. I / We have physically signed & stamped all the above documents along with copy of tender documents (page no _____ to _____).
13. I / We hereby confirm that all our quoted items meet or exceed the requirement and are absolutely compliment with specification mentioned in the bid document.
14. My / Our company has not filed any Writ Petition, Court matter and there is no court matter filed by State Government and its Board Corporation, is pending against our company.
15. I / We hereby commit that we have paid all outstanding amount of dues / taxes / cess /charges / fees with interest and penalty.
16. In case of breach of any tender terms and conditions or deviation from bid specification other than already specified as mentioned above, the decision of Tender Committee for Disqualification will be accepted by us.
17. Whatever stated above is true and correct to the best of my knowledge and belief.

Date :

Stamp & Sign of the Tenderer

Place :

(Signature and seal of the Notary)

ANNEXURE- VIII

**Government of Gujarat
Finance Department
GR No: EMD/10/2018/18/DMO
Dt.16/04/2018**

{A} Guarantees issued by following banks will be accepted as SD/EMD on permanent basis.

- All Nationalized Banks including the Public Sector Bank – IDBI Ltd.

{B} Guarantee issued by following Banks will be accepted as SD/EMD for period up to March 31, 2019. The validity cut-off date in GR is with respect to date of issue of Bank Guarantee irrespective of date of termination of Bank Guarantee.

- *Rajkot NagarikSahakari Bank Ltd.*
- *The Mehsana Urban Co-operativeBank Ltd.*
- *The Surat District Co-Op. Bank Ltd*
- *The Ahmedabad Mercantile Co-Op. Bank Ltd.*
- *Nutan Nagarik Sahakari bank Ltd*
- *The Kalupur Commercial Co-Op. Bank Ltd*
- *Saurashtra Gramin bank*
- *Baroda Gujarat Gramin Bank*
- *RBL Bank*
- *Karur Vysya Bank*
- *AXIS Bank*
- *ICICI Bank*
- *HDFC Bank*
- *Kotak Mahindra Bank*
- *IndusInd Bank*
- *DCB Bank*
- *FEDERAL Bank*
- *YES Bank*

All the eligible banks are instructed to collect the original documents/papers of guarantee from the concerned tendering authority.

**Sd/-
(J G Shelat)
Section Officer
Finance Department.**

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

Annexure –IX

**Performa For Performance Statement
(FOR A PERIOD OF LAST 3 YEARS)**

Name of Firm _____

Sr. No.	Name of Product	Year	Quantity supplied	Value	Name and full address of the purchaser
1					
2					

Date :

Sign & Seal of Tenderer:

Annexure X
Specifications

Conversion of base vehicle into 108 Ambulances

(Refer images provided to confirm size and locations)

Part A: Scope of Fabrication work:

1. Medical cabinet: Cabinet for storing medical equipment / supplies / Wash basin / dust bins:



Dimensions: length to cover the width of fabricated ambulance end to end
Width 1560mm and height=960mm. Placed alongside the partition wall behind the driver's compartment

- i. The length of the medical rack from Partition wall towards the rear of the patient cabin should not exceed 620mm to accommodate walk way of 610 mm between EMT Seat backrest to the stretcher head The illustrated image is attached.
- ii. Made of FR and MR grade 19mm thickness plywood for Cabinet Top, Bottom, Side wall and 12mm Plywood thickness for drawer of IS: 15061-2002 approved automobile grade magnus/Greenply/Century or equivalent make clad with 01/02 mm ABS. Appropriate wood free cabinet will be preferred subject to approval of Technical Committee.
- iii. All the other areas (drawer walls, sides, rear and bottom) exposed to air should be laminated with minimum 1 mm heavy duty mica of silver gray color
- iv. All the Sizes of the drawers should be as per mentioned below.
 - o Height of the cabinet-530 mm (from top of oxygen compartment)
Width of the cabinet-1560mm (From left wall to Right wall of the body).
 - o First lane drawers-width-400 mm , height-150 mm and Length 320 mm (three in number)
 - o Second lane drawer-width-400 mm, height -150 mm and Length 460 mm.(three in number)
 - o Third lane (Behind EMT Seat) would be a box type area with a middle partition height-500 mm, Widh-430 mm and length-570 mm.

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

- Forth lane drawer width-300 mm, height -450 mm and Length-620 mm.(two in number)
- Small acrylic boxes for distinguishing injectable and vaccines to be provided in RHS storage (Forth lane Drawer).



Medical Cabinet having sufficient utility and durability for storing medical consumables.

- i. A cabinet for wash basin and space for accommodating two waste bins as per below
Photos. Dimensions of the bench: length =510 mm, width =390mm, height =790 mm (dimensions may be change as per actual requirement).



- ii. All the hardware like rails, channels, sliders, locks, catchers, hinges, handles should be of “Ebco”, HETTICH or equivalent. The slide rails are to be of minimum two inches width.
- iii. House the Stainless Steel (SS-304) wash basin minimum 280 mm dia, maximum of 300 mm dia Depth minimum120 mm maximum 130 mm with water tap (Brass with chrome plated)supplying water through Motorized Pump (12 V DC power operated ISI mark 100 GPD Booster pumps used in RO Purifier) with foot operated control, to pump the water from the fresh water tank.

- iv. Provision for Liquid hand wash carrier fitted on to the left side of the wall near wash basin with sufficient reinforcement .Liquid should fall directly into pot when pressed.
 - i. **Fresh Water Tank and Drain Water Tank both** made of 3mm thick food grade plastic quality with inlet and outlet - one below the wash basin and the second behind the codriver seat both having 18 Liters capacity. Drain water tank should be a closed circuit without overflowing to ensure fool proof draining by users. Proper space to be provided in fresh water tank for replacement of washbasin pump.
 - ii. Wash basin and Drain water tank hose connection joints to be fixed firmly with clamp and sealant to prevent water over flow into the patient compartment.
 - i. **Both the Tanks should be easily removable for any sort of Maintenance and Cleaning purpose.**
 - ii. All the drawers should he provided with lock and key of brands as specified vide para 1 (v) **to secure them against unintended opening during any kind of possible motion of the ambulance.**
 - iii. Two Concealed Portable Stainless Steel Dust Bins of size Dia-160 mm and Height-150 mm with spring loaded lids for waste disposal are provided under the wash basin.
 - iv. Bidders needs to submit the material test certificate under FR and MR Grade plywood criteria and Technical Committee has rights to carry out destructive testing at vendor's cost
 - v. Velcro mounting to be provided to secure needle destroyer and manual BP apparatus over the right side of the wooden cabinet

1) Squad bench / attendant seat- (with Seat belts) with storage for EM rescue tolls.



- i. A squad bench shall be installed along the left hand wall end with outside open able Top Seat (i.e. the 75mm wide hinges to be mounted inside towards Wall on suitable size of steel plate 4MM thick in fabrication)
- ii. Made of FR and MR grade 19 mm plywood and clad with vinyl material as per photos, with Mild steel (MS) 32mm angle frame reinforced within as per drawing, to carry 450 kg weight and mild steel frame to be painted with PU paint.
- iii. Dimensions of the bench: length = 1400 mm, width =450mm, height = 470mm. This shall provide storage space inside the Box below to accommodate Extrication tools within. squad bench width should not exceed

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

- 450 mm to accommodate walk way of 350 mm between Stretcher and squad bench.
- iv. The inner box inner surface area to be covered with proper damping material.
 - v. It should have three suitably placed seat belts (Lap belt).
 - vi. Squad bench cushion should be minimum 90 mm thick higher density PU Foam cushion to be provided for comfort and the same should be upholstered with non absorbent PVC leather cloth of IS -1259 (class-A, grade I) of silver gray color.
 - vii. All the seats in vehicles to be provided with non absorbent PVC leather cloth of IS -1259 (class A, grade I) seat covers (of grey color) with perfect fitting and easy to replace facility.
 - viii. Steel reinforcement of the squad bench to take direct load on structure rather than Plywood panels.
 - ix. Back rest should be minimum 70 mm thick higher density PU Foam cushion to be provided in concurrence with squad bench at the left side wall panel with proper reinforcement.

EMT's Seat: A seat to be mounted to the oxygen cylinder compartment splint rack can be used for back rest for seat



- i) Dimensions: Depth =360 mm, Width =440 mm and Seat height=380 mm, Back Rest Height=570 mm.
- ii) It should have one waist seat belt (Lap belt).
- iii) S.S. Powder coated steel pipes of 20 mm diameter & 1.5 mm wall thickness to be used.
- iv) A minimum 50 mm thick higher density Foam cushion to be provided for comfort.
- v) And the same should be upholstered with non absorbent Rexene of silver gray color.
- vi) Rubber bushes to be provided to the brackets resting on floor.
- vii) Back rest to be provided with good locking system to hold the seat in both the conditions (When the chair is open or closed). Back rest foam 40 mm thick higher density PU foam cushion.

2) Oxygen Cylinder Compartment and delivery System:



- i) A door for the Trolley to be cut and fabricated with Lock and key type locking.
- ii) Oxygen compartment should be dust proof (with frame and rubber profile) and all precautions should be taken to prevent the Dust entering this compartment from all sides and particularly from Door, hence a proper sealing should be provided on door edges.
- iii) This trolley should be designed to hold two D type Oxygen cylinders, under medicine cabinet securely with a toggle clamp or bolt nut locking mechanism for fast, reliable and durable locking/unlocking the trolley and cylinders on trolley.
- iv) Trolley should be so designed that both the cylinders could be handled independently.
- v) High Pressure Tubing: 280 bar/ 4060 psi test pressure, with male female (5/8 inches) bull nose Brass drop-forged connectors at both the ends, to connect it from the oxygen gas cylinder to the pressure regulator inside; 2 nos each of suitable length
- vi) Two stage Preset Pressure Gauge cum Regulator: With static outlet pressure of 4.12 bar/ 60 psi with two safety valves at each stage, Anesthetics or equivalent Brand; 2 nos each.
- vii) Humidifier Bottle: Poly Carbonate Bowl with metal Cap and T type inlet outlet nipples, 2 nos.
- viii) Flow Meter: Stainless Steel/ Brass body, Poly carbonate Tube, to regulate the flow from 0 to 15 ltrs per mints. It should be a back pressure compensated.
- ix) Three plus one (3+1) four ports of Brass 3/8 inches nipple in size be provided in complete one assembly (One set) on a common rectangular Brass Tube (Rail) with two Needle Valves at both the ends.
- x) Two high pressure and two low pressure pipe connection to be made.
- xi) Appropriate enclosures Height-390 mm, Width-280 mm length-2260 mm at front right bottom sidewall for accommodating the oxygen regulators and delivery ports. The regulators should be visible from top side (enclosures of transparent acrylic glass on top of compartment to see regulator pressure) and also to be accessible with sliding door compartment Height-180 mm, length - 400 mm from side for repair purpose.

3) Flooring

- i) A water proof and fire retardant marine ply board with 15 mm thickness automobile grade IS: 15061-2002 approved, preferably Magnus Chequered plywood IS: 315:64:2010) (is to be used for flooring with maximum two joints coming around the centre of the body. The flooring should be provided with antirust coating before start of the flooring work.
- ii) A non static, mark resistant, scuff proof and safety flooring material LG-CS301 or Veekay or Wonder floor 1.6 mm product code 554902 or EQUIVALENT APPROVED BY TECHNICAL COMMITTEE) to be glued properly without entrapped air bubbles and without any joints anywhere.
- iii) All floor level moldings, edging and trim shall be sealed to prevent fluids from seeping under cabinets, walls and ply board.
- iv) The SS sheet 0.8mm thick should be properly polished and should cover floor surface Length – 2480 mm, Width – 600 mm placed on floor, should be fixed with flat head non screws suitably placed to avoid any bulging of the sheet anywhere on edges or within.
- v) The SS sheet placed on floor should be fixed with flat Stainless steel head less screws suitably placed to avoid any bulging of the sheet anywhere on edges or within

4) Wall paneling work Pilot and Patient Compartments:

I. Wall Paneling:

- i. Complete interior paneling of the sidewalls, both sides of the partition wall between patient cabin and driver cabin, roof (of both patient and driver cabin) and back door panels should made from 4mm Fire Retardant grade ABS material Sheets (preferred Reliance/Samsung/finolex equivalent best in quality).
- ii. The complete interior should be edgeless and suitable for easy cleaning / scientific fumigation / treatment of disinfectants. The panels must be suitably formed using the appropriate ABS processing technology so as to match to the contour of the vehicle and looks aesthetically pleasing.
- iii. The panels for each of the surfaces should be produced as modular with minimum joints either along the length or the width of the panels to accommodate future repairs and maintenance works. The approval of client is required before execution of work regarding the paneling layouts. The quality of joint should be homogeneous to suit the hygiene requirements of patient compartment; all the joints should be tool based for aesthetics.
- iv. Flat panel ABS sheets bend and glued / riveted / fixed to the structure of the base vehicle won't be accepted.

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

- v. The minimum thickness at any point of the panels should not be less than 3 mm. The ceiling, both the sidewalls, both sides of the partition wall should be produced in one single piece matching to the dimension of the patient compartment dimension of the ambulance.
- vi. Between the interior conversion panels and the internal surface of the base vehicle body there should be adequate insulation of appropriate grade to have a good climatic control environment inside the vehicles.
- vii. The joint of one panel to the other must be suitably engineered so that all the joints are functionally hygienic and protected from any ingress of liquids and any other medical secretions of any kind. The joints should be finished in such a way so that these appear aesthetically appealing.
- viii. The panels should be molded keeping in view the aesthetic aspect for electrification and other fitments as per utility and desired layout of the patient compartment.
- ix. In case of any replacement needs (accidental repairs etc.) it should be possible to detach each individual panel and replace the same without damaging or affecting the other parts of the interior panels.
- x. Proper provision for maintenance of vehicles should be provided in ABS panels (e.g tail light repair/ hinges and shock absorber removing and refitting)
- xi. The sizes mentioned for medical cabinet, squad bench etc are subject to variation as per the space available in actual base vehicle without compromising the service requirements.
- xii. Appropriate integrated enclosures to be provided with right side inner wall of patient compartment for providing dust free compartment for Defibrillator and Ventilator.
- xiii. Appropriate integrated enclosures for two wall mounted DC fans of 08 inch dia one at rear –top right side wall and other at front top left side wall.
- xiv. Appropriate enclosures at front right bottom sidewall for accommodating the oxygen regulators and delivery ports. The Pressure Gauges should be visible from top through a transplant Glass Length-390mm,Width-135 mm and also accessible with sliding door compartment for repair Purpose

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

- xv. The left side wall is to have integrated space to accommodate the back rest of the squad bench.
- xvi. The material specified for interior is ABS and PMMA (Acrylic) may be used at appropriate places if required with prior approval from Technical Committee.
- xvii. In case of any replacement needs (accidental repairs etc.) it should be possible to detach each individual panel and replace the same without damaging or affecting the other parts of the interior panels
- xviii. Proper provision for maintenance of vehicles should be provided in ABS panels (e.g tail light repair/ hinges and shock absorber removing and refitting).
- xix. Panels shall be installed in a manner to prevent sagging, deflection, warping or vibration and they should be free from any sharp projections. Wherever there are any open/hollow areas behind walls and doors, suitable reinforcement must be installed to prevent breakage of this paneling.
- xx. Appropriate integrated enclosures for two wall mounted DC fans of 08 inch dia one at rear –top right side wall and other at front top left side wall.
- xxi. The left side wall is to have integrated space to accommodate the back rest of the squad bench.
- xxii. Appropriate integrated enclosures to be provided with right side inner wall of patient compartment for providing dust free compartment for Defibrillator and Ventilator.



ABS Paneling Spares:

For Maintenance after commissioning the ambulances in the field, ADMS desires to avail all paneling components of ambulances on the base vehicle. A parts codification with prices to be furnished by the bidder for future procurements for repairs on demand.

a) **All the Panels, Parts Mounted and Provision for Medical Equipments to be Mounted, shall have 4mm thick Mild Steel (MS Fe 410) sheet reinforced behind.**

- I. The Reinforcement to be made with MS sheet of 4 mm thickness with the dimensions of 1500 mm L x 980 mm H adjacent to window at the height of 800 mm from floor on the RHS to accommodate ventilator , Defibrillator and other 2 to 3 equipments . A single plate will suffice the fitment of 4 equipments
- II. The MS sheet/c channel/angles should be MIG welded to the body of the Vehicle structure as per Automobile standards and be coated with Primer to avoid any rusting.

b) **A seamless appearance and finish is desirable to keep the ambulance bacteria free in services.**

c) **General:**

- i) Gap between the ABS sheet and the vehicle body shell should be stuffed with PU foam (Minimum 30 mm thick) sheets to reduce the heat transmission.
- ii) All interior material shall comply with flammability requirements specified in IS 15061 ,as notified under CMV (A) R 1989.
- iii) A sliding window with self locking system with adjustable blinds shall be provided in the partition wall made of material complying with the requirement of CMVR.
- iv) Provision for placement of power switches / sockets/ fans/ air conditioner, telemedicine and for upgrading other electrical items shall be made available in paneled walls.
- v) Provision for I.V hooks and holders 2 no. should be made on the ceiling.
- vi) Adequate provision for safeguarding oxygen regulator on the right side panel.
- vii) Adequate provision to securely hold spine Board and scoop stretcher along RHS wall over Wheel hump.
- viii) Adequate provision to securely hold for suction Machine, Needle cutter destroyer and portable oxygen cylinder in patient compartment area near Doctor seat.
- ix) Total 4 nos switch board (2 nos three pin socket in each) and 3 nos. DC Socket with individual switches to be provided for all electrical appliances. Position of switch boards and electrical appliances would be decided as per approved layout; switch board with on/off switches of standard quality (220/240 V AC) to be made available on the RHS wall around Medical Equipment's console Area with individual switches to be provided for all electrical appliances.
- x) A small box compartment Length 600 mm, Width 180 mm, with sliding door mechanism between RHS rear door and wheel hump to be provided.



- xi) A groove should be made of PVC pipe (with slots) for crow bar. Above wheel hump in the stretcher stand area a small groove made of 2 inch with sliding cover mechanism to be provided. The length of pipe should extend from the end of Stretcher stand to oxygen cage.



- xii) One pouch with ABS (Size- Width - 700mm, Height- 200mm, Depth - 100mm) to be provided on to the partition wall behind Pilot seat for placing ambulance records with proper reinforcement on partition structure.



- xiii) A horizontal shelf (Size- Length – 1430 mm, Depth – 100 mm with a wall support of Height – 50 mm from base) made of ABS material capable of holding few registers should be provided above the sun visors.



5) Hat- racks and grab rails in the ceiling and near Rear Door:

a) Hat Racks:



- i) Hatrack should be fabricated as per attached Photograph. To be integrated with roof above the squad bench. Size Length- 2100 mm, Height- 250 mm, Depth -225 mm. Made in ABS and required reinforcement to be provided. It should spread from rear-left top side wall to the front end.
- ii) Inner surface is to be pasted with soft Heatlon sheet of 4mm thickness.
- iii) The Hat rack should have two slider glass made closures Length – 720 mm, Height – 170 mm to cover the opening which are easy/comfortable to operate and do not have any sharp edge at the openings.
- iv) The doors of the hat rack should have adequate locking system of specified brand to avoid abnormal opening during operation.
- v) Rear portion should be closed and front should have about 80 mm high wall support provided so material should not fell down.

b) Grab Rails:

- i) A 1840 mm long pipe of 30 mm dia. made of stainless steel (SS) be placed as grab rail on the Ceiling with proper supports at four places;
- ii) A 610 mm long pipe of 30 mm dia. made of SS is placed as Grab Bar near the LHS rear door at LHS wall with firm support at the ends.

c) Spine Board, Scoop stretcher and Wheel Chair Hold:

- i) A provision should be made available for securing the Spine board and Scoop stretcher above the RHS wheel hump cover with double strip Velcro band and Supportive locking fixtures at both the ends of the board.
- ii) The placement of scoop stretcher in patient compartment can be changed with prior approval of Technical Committee.
- iii) Wheel chair to be placed on Rear Left side door/or RHS rear end of side panel with suitable locking arrangement), using a suitable C type 19mm wide SS metal trip placed at suitable height on door properly screwed and a Velcro strip at the top to be provided to tighten it OR appropriate place and mounting mechanism in patient compartment.

6) Fire extinguisher hold:

- A proper heavy duty bracket support at rear LHS corner for placing a fire extinguisher 5 KG should be provided approved by Technical Committee.

7) Window Covering:

- All the rear side Windows should have non transparent white film pasted upto a height which is 50 mm more than half of the height of the window to avoid any visibility into the ambulance.

8) Water Dispenser:

- A water Dispenser 3.5 Lt. preferably Milton is to be provided with proper mounting arrangement of non corrosive material with straps near wash basin area.



9) Scope of AC Work:

Requirements:

- By the Air conditioning system provided by OEM, The cooling system should be such that ,given outside and inside temperature of 32 degree Celsius, the cooling down to at most 27 degree Celsius in the patient compartment should not take longer than 15 min. After 30 min, a temperature of at most 25 degree Celsius should be reached.

Part B: Scope of Electrical Work:

1) Inverter:

- i) True sine wave Make- M/s Luminous (1050) VA inverter is preferable as a standardized equipment for all our ambulances.
- ii) The batteries placed inside the driver's cabin with provision to be charged from external AC power,
- iii) Inverter Capacity - 900 watts / (1050) VA,
- iv) Input Range - AC 180 V – 250 V / DC 10.8 V - 14.1 V,
- v) Frequency - 50 Hz,
- vi) Power Factor - 0.8,
- vii) Output Voltage – 220(+/-)10% (regulated output from full charge battery voltage to low charged battery voltage)
- viii) Waveform - Single Pulse PWM
- ix) Efficiency - 85%

- x) Charger - Heavy duty CC/CV type with current limit at 12A with wide input range (150V-270A)
- xi) Integrated AC/DC supply inside the vehicle synchronous with alternator.
- xii) It should be covered under an onsite warranty of Three Years.
- xiii) All the electrical Wiring should be done in consultation with the Inverter Manufacturer's recommendation, and should provide certification to prove this.

2) **Light bar and Flashers:**

- i. LED based with 10 standard flashing units each with 18 LED module.
- ii. Other LED based configuration may be accepted but should be approved by technical committee.
- iii. It should be of reputed registered light manufactures approved by technical committee.
- iv. Long life span, high luminance, Voltage: DC 12 V, Power: 92W + 18W,
- v. The Minimum Intensity of lights should be 100cd in daylight and 200cd in night.
- vi. With integrated single diaphragm type Public Addressing System of 100W.
- vii. All the electrical Wiring should be done in consultation with the Light bar Manufacturer's recommendation, and should provide certification to prove this.
- viii. It should be of reputed registered light manufactures & approved by Technical Committee with 3 years warranty.
- ix. LED (6 Nos) high intensity Blinkers, Red-Amber pair on both side, and both red on the rear of the vehicle.

3) **Flood Light, tube Lights:**

- i. (3Nos) Spot / flood lights on three sides, except on the front, in the middle of each pair of Flashers. preferable Make Hella with 3 years warranty
- ii. (4Nos) power LED automotive light fixtures for internal lighting from authorized and reputed light manufactures only and built in 12V DC powered, each on a separate circuit. Voltage: 12V DC preferable approved by Technical Committee with 3 years warranty.
- iii. 220V AC / 15 amp - 3 pin (5 Nos) and 12V DC-Round sockets (3 Nos) power source with Crabtree or equivalent modular switches.
- iv. External charge port with spring loaded lid. Has to be located under co pilot seat.
- v. One Mobile Charging Switch Socket assembly is to be provided in Pilot compartment.
- vi. Baby warmer assembly (QBSO24 white) of Philips with halogen lamp of 50 Watt, 12 Volt, 2000h.

4) **Electrical Wiring:**

- i. All The main Components like,
 - a. AC Blower
 - b. Condenser Fans,
 - c. Each of Internal Lightings (Tube Lights),
 - d. Internal Lightings (Spot Lights),
 - e. External Lights (Flashers),
 - f. External Lights (Spot/Flood Lights),
 - g. Light Bars,
 - h. Each of Medical Equipments powering Sockets etc...
- ✓ Should have separate circuits, (Power drawn Directly from source (with proper cut off switch after Battery/Inverter) and a Fuse in it) with grounding.
- ✓ Fabrication wiring should be separate from the base vehicle wiring system and Body or chassis shall not be used as an earth at any point of wiring.
- ✓ All the circuits shall be well defined and cables clearly marked at the connection points and at a maximum of 1 M intervals along the length.
- ✓ Electrical system should have enough circuits and be so constructed that when/If a circuit fails all illumination and medical technical equipment can be switched to an alternative power sources.
- ✓ No wiring shall be located in or pass through conduit intended for medical gas installation
- ✓ The wiring shall not be loaded higher than that stated by wire manufacture.
- ✓ A laminated copy of standard wiring diagram should be provided with each ambulance for reference.
- ✓ One additional wiring with socket should be provided at dashboard for AVLTS



5) **Fuse and Other Safety Measures:**

- i. Battery shall be positioned in pilot compartment to allow maintainace without removing the battery from its position.

- ii. Fitment of battery and their connections to it shall be such as to prevent any possibility of inadvertent short circuits.
- iii. A separate Fuse to each of the (as mentioned above) circuits be given.
- iv. There should be an Indicator mark to each fuse on the fuse Box be given to identify the Fuse separately;
- v. There should not be any joints be given within the Circuit Wiring,
- vi. At any unavoidable wiring junction(s) the wires should be joined through Bakelite Connectors only,
- vii. There should not be any loose wiring and loose joints;
- viii. Other than vehicle wiring harnesses, all wires/harness used for should be minimum 4 MM dia ((Flexi Cab, Finolex , Shanko deluxe with ISI marked).
- ix. All the electrical accessories should carry ISI Mark and be approved by technical committee and should be of (ARAI/ISI) automobile standards.
- x. All other unspecified Parts necessary for the Wiring should be of Automobile grade and/or ISI Certified.

6) **Clock :**

- A digital clock is to be provided in the patient compartment. It should have a minimum Letter (font) Size of 50 to have better visibility.

7) **DC connections Socket :**

- Call mate/ ERG make 3 nos DC charging Sockets 12 V near Equipment area.

8) **Roof / Wall mounted fans :**

Half Safety metal guard. Screw mounting. 8 inches fan blade, carbon brush type, single speed switch, operated by DC 12 V in 2 nos. in the Patient compartment, Preferably Remi Brand.

9) **Miscellaneous :**

Mountings for Syringe needle destroyer, Hand wash, suction machine and Portable oxygen cylinder to be provided in patient compartment area.

10) **Body Graphics:**

- Ambulance to be supplied with exterior design / painting as per provided design. All vinyl / reflective stickers/ films of LG or 3M to be used. Polymeric grade white vinyl with 90 micron thickness with permanent adhesive should be used. Digitally printed on Latex printing platform using gloss lamination of 90 micron thickness. Warranty of three Years to be provided for exterior Graphics. **No reflective (Radium) stickers are to be directly pasted on vehicle body. They are to be first pasted on vinyl and then the vinyl is to be Pasted on vehicle body.**
- All the exterior of ambulance to be coated with tefelon or clear hardener of Sikkens or Fucon technologies with about 03-micron thickness.

List of the Body Graphics Sticker is as under,

Exterior Graphics Refurbishment Items	
Sr.	Item Description
1	108 Logo on Bonnet (8 X 8 Inches)
2	108 Logo on Side Wall (Rear) (36 X 36 Inches)
3	108 Logo on Side Wall (Rear) (36 X 36 Inches)
4	108 Logo on Door Lower LHS (11.9 X 10 Inches)
5	108 Logo on Roof Rear (24 X 20.22 Inches)
6	AMBULANCE on Rear Door Centre (6 X 36 Inches)
7	AMBULANCE in Mirror on Bonnet (4 X 36 Inches)
8	Gujarat Sarkar (English) on Side Wall Middle (5.5 X 57 Inches)
9	Gujarat Sarkar (Gujarati) on Bonnet (5.5 X 30 Inches)
10	Gujarat Sarkar (Gujarati) on Side Wall Middle (5.5 X 57 Inches)
11	Gujarat Sarkar (Gujarati) on Rear Door Centre (5.5 X 37 Inches)
12	GVK EMRI on Side Wall Edge (2.4 X 62 Inches)
13	GVK EMRI on Side Wall Edge (2.4 X 62 Inches)
14	GVK EMRI Logo on Emergency Light Base (5 X 22.4 Inches)
15	GVK EMRI Logo on Roof Side (5 X 22.4 Inches)
16	GVK EMRI Logo on Side Wall Lower (8.5 X 38 Inches)
17	GVK EMRI Logo on Roof Side (5 X 22.4 Inches)
18	GVK EMRI Logo on Side Wall Lower (8.5 X 38 Inches)
19	National Health Mission (English) Logo on Door Lower (19 X 25 Inches)
20	National Health Mission (Gujarati) Logo on Side Wall (RHS) (40 X 57 Inches)
21	National Health Mission (English) Logo on Bonnet Middle (19 X 25 Inches)
22	Patta on Roof Edge (4 X 62 Inches)
23	Patta on Bonnet (6 X 72 Inches)
24	Patta on Roof Edge (4 X 166 Inches)
25	Patta on Side Rear (Cross-Long) (6 X 52 Inches)
26	Patta on Side Rear (Cross-Short) (6 X 37 Inches)
26	Patta on Side Wall Middle (10 X 82 Inches)
27	Patta on Front Door (10-5.5 X 40 Inches)
28	Patta on Front Fender (5.5-4 X 26 Inches)
29	Patta on Side Wall Lower (4 X 99 Inches)
30	Patta on Side Wall Edge (8 X 99 Inches)
31	Patta on Roof Edge (4 X 166 Inches)
32	Patta on Side Rear (Cross-Long) (6 X 52 Inches)
33	Patta on Side Rear (Cross-Short) (6 X 37 Inches)
34	Patta on Side Wall Middle (10 X 82 Inches)
35	Patta on Front Door (10-5.5 X 40 Inches)
36	Patta on Front Fender (5.5-4 X 26 Inches)
37	Patta on Side Wall Lower (4 X 99 Inches)
38	Patta on Side Wall Edge (8 X 99 Inches)
39	Patta on Roof Edge (4 X 61 Inches)

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

40	Patta on Door Centre (11 X 60 Inches)
41	Patta on Roof Rear (LHS) (12 X 6 Inches)
42	Patta on Roof Rear (RHS) (12 X 6 Inches)
43	Satyameva Jayate Logo on Bonnet (11.5 X 7.5 Inches)
44	Yellow Strip (3M) - Radium on base of Clear Vinyl (90 x 2 Inches) - Left Side
45	Yellow Strip (3M) - Radium on base of Clear Vinyl (90 x 2 Inches) - Right Side
46	Nisulk Seva - Red Base Vinyl with White Radium (Gujarati) Fonts -(30 x 3.5 Inch)Left Side
47	Nisulk Seva - Red Base Vinyl with White Radium (Gujarati) Fonts - (36 x 7 Inch) -Front
48	Free Service - Red Base Vinyl with White Radium Fonts - (18x 4 Inch) Right Side
49	Red Strip (3M) - Radium on base Clear Vinyl - (60 x 2 Inch) Back Side
50	White Strip (3M) - Radium on base Clear Vinyl - (60 x 2 Inch) Front Side
51	Free Service - Red Base Vinyl with White Radium Fonts - (18 x 4 Inch) Back Side
52	108 Mobile App Logo on Rear LHS Door (12 x 6 Inch) on Rear door Glass
53	108 Logo on Rear Door Glass (7 X 7 Inches)
54	108 Gujarat Mobile Scanner logo on Rear LHS Door (18 x 6 Inches)
55	Patta on Above Rear Both Doors (LHS) (18 X 6 Inches)

21) Quality of Material :

- All the materials used in fabrication should be only of brands mentioned in the tender, the equivalent product could only be allowed in case of unavailability of specified product and it should be approved by Technical Committee.
- Any use of sub standard material not meeting the specifications will result in penalty and cancellation of purchase order whatever is found feasible to ADMS.
- Vendor will have to produce the purchase invoice copy, routine test certificate, batch production quality check certificate and dealership authorization certificate of all the key specified items in the tender used in fabrication if asked by Technical Committee for verification of source and quality of materials used in view of tender specifications.
- Interior layout could be changed during the fabrication process for better utility of the ambulances as and when desired and as approved by ADMS/Technical Committee.

Annexure XI

WORKMANSHIP CRITERIA FOR ACCEPTANCE

(General appearance of the vehicle shall not show any evidence of poor workmanship).

The following shall be reason for rejection:

1. Rough, sharp or unfinished edges, burrs, seam, sharp corners, joints, cracks, and dents.
2. Non-uniform panels. Edges that are not filleted, beveled, etc.
3. Paint runs sags, orange peel, "fish eyes", etc. and any other Imperfection or lack of complete coverage.
4. Body panels that are uneven, unsealed, or have voids.
5. Misalignment of body fasteners, glass, viewing panels, light housings, other items with large or uneven gaps, spacing etc. such as door, body panels, and hinged panels.
6. Improper body design or interface with the chassis that could cause injury during normal use or maintenance.
7. Improperly fabricated and routed wiring or harnesses.
8. Improperly supported or secured hoses, wires, wiring harnesses, mechanical controls.
9. Loose, vibrating, abrading body parts, components, subassemblies, hoses, wiring harnesses or trim.
10. Interference with chassis components, body parts, doors, etc.
11. Leaks of any gas or fluid lines, (AC, coolant, oil, oxygen, etc.)
12. Abnormal Noise, panel vibrations, etc.
13. Sagging, non-form fitting upholstery or padding.
14. Incomplete or incorrect application of rust proofing.
15. Inappropriate or incorrect use of hardware, fasteners, components, or methods of construction.
16. Incomplete or improper welding, riveting.
17. Visual deformities.
18. Lack of uniformity and symmetry where applicable.
19. Unsealed appurtenances or other body components, gaskets, etc.
20. In addition, any deviation from specification requirements (refer Annexure-I) or any other item, whether or not stipulated herein, that affects form, fit, function, durability, reliability, safety, performance or appearance shall be cause for rejection.
21. Defective components shall not be furnished. Parts, equipment, and assemblies, which have been repaired or modified to overcome deficiencies, shall not be furnished without the approval of ADMS/Technical Committee. Welded, bolted, and riveted construction utilized shall be in accordance with the highest standards of industry. Component parts and units shall be manufactured to definite standard dimensions with proper fits, clearances, and uniformity.

ANNEXURE- XII
DECLARATION

On Manufacturing facilities / After Sales Service

Tender enquiry No. _____

1. Name of the tenderer :
2. Full Postal Address :
3. Telephone No./Fax No. :
4. Email address :
5. Date of inception of business :
6. Registration no. & Date :
7. Issued by :
8. Valid till :
9. Details of manufacturing activity :
& item wise capacity
10. Detail of After Sales Service & AMC facilities available locally
Name of the Agency:
Full Postal Address:
Phone / Fax / E-mail:
11. Name of person responsible for 10 above

Sl. no.	Name	Designation	Age	Residential Address
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12. Name of Govt. Departments/ Pvt. Institutions to which the tenderer already supplied the items with quantity, value and supply period As per enclosure
13. Has the tenderer ever been black listed by any govt. agency? If yes, give details.
14. Are any cases pending in the court related to any supplies? If yes, give details

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

15. Does the firm have the adequate facilities for inspection and quality control? Please give details

I, _____ Prop./partner/Director of M/s

Hereby declare that the information given in this form is true and correct to the best of my knowledge & belief.

I/we agree to the tender Inviting Authority forfeiting the Earnest Money Deposit and/or Performance Security Deposit and blacklisting us for a period of 5 years, if any information furnished by us proved to be false at the time of inspection and non – compliance with terms and conditions of the contract

I offer to supply the items mentioned in the schedule (enclosed in price bid) at the rates quoted therein. I agree to hold this offer for one year after finalization of rate contract.

Dated:

Signature _____

Signature _____

Name of local service _____

Name of tenderer _____

Address _____

Address _____

Tender Ref No : ADMS/GJ/ET/108/AMBU/RT/1819

Annexure –XIII

Price Bid Format

SI No.	Name of the Item	HSN Code	Basic Unit Rate (Rs.)	GST %	Total Unit Cost in Figures	Total Unit Cost In Word
1	Up gradation (Automotive Fabrication) of one unit of B Type Ambulance (as per specification)					

Note: Price Bid Format is for understanding purpose only; Bidders are advised to Bid prices in online Tender