

ONLINE TENDER FOR REFURBISHMENT OF OPERATIONAL 108-AMBULANCES

GVK Emergency Management and Research Institute

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General brief about GVK EMRI:

GVK Emergency Management and Research Institute (GVK EMRI) was established as a not-for-profit Organization. GVK EMRI is a Society, registered under the provisions of Andhra Pradesh Societies Registration Act, 2001, in February 2005 and provide services free of cost through a toll free number '108' to every citizen of our country under Public Private Partnership (PPP) frame work. Vision of GVK EMRI is to support and build capabilities to save one million lives per annum nationally and establish GVK EMRI as a premier Research and Training Institute.

GVK EMRI, under the Public-Private-Partnership, has made substantial progress over the last 10 years in providing Emergency Response Services across the country and presently operate over 10000 state-of-the-art ambulances in 15 States and 2 Union Territories viz Andhra Pradesh, Telangana, Tamil Nadu, Karnataka, Goa, Gujarat, Dadra Nahar Haveli Daman & Diu, Chhattisgarh, Assam, Meghalaya, Uttarkhand, Himachal Pradesh, Uttar Pradesh, Rajasthan and Arunachal Pradesh to provide pre-hospital care covering a population of 750 million. Everyday GVK EMRI is serving on an average 24,000 emergencies (41 million emergencies attended since inception) and saving over 750 lives every day and cumulatively have saved more than 15 lakh lives since the launch of the services and provide direct employment to over 42,000 associates while continuing to be a not-for-profit organization.

GVK EMRI's innovative approach has revolutionized the concept of Emergency Services in India. The organization to its credit has pioneered the first of its kind inventions in India such as providing a Single Toll-Free number (108) for initiating the emergency response and a comprehensive coverage of emergencies involving Medical, Police and Fire departments, In-ambulance Pre-hospital care to mitigate the effects of medical emergency of the victim under the guidance of a specially trained Emergency Physician, Research and Training etc. Today "108" is synonymous with the best-in-class emergency service and has been acknowledged as the most efficient, speedy, reliable and professional service provider in the category.

With increased focus on research and analytics and collaborations with internationally renowned institutions like Stanford School of Medicine, GVK EMRI has plans to significantly enhance the overall emergency management scenario - further reducing individual suffering.

Objectives of Contract:

All the Ambulances operated by GVK EMRI in different States of India, a base vehicle will be procured by GVK EMRI or Govt of particular state will provide the base vehicle. Hence these vehicles need to be fabricated as per our operational requirement based on the specifications.

Bids are invited from reputed Fabricators, The specifications for fabrications along with detailed descriptions are given in the Annexure.

Important dates and deadlines for tender are given below.

TENDER REFERENCE : GVK EMRI/GUJ/ET/REFU/1819

Sr. No	Description	Schedule
1	ON LINE SALE OF TENDER DOCUMENT	01/08/2018 onwards
2	PRE BID MEETING	09/08/2018 at 12.30 Hrs.
3	LAST DATE FOR ONLINE SUBMISSION OF TENDER DOCUMENT	21/08/2018 up to 18.00 Hrs.
4	LAST DATE AND TIME FOR PHYSICALYRECEIPT OF EMD AND SUPPORTINGDOCUMENT AT OUR OFFICE	23/08/2018 up to 14.00 Hrs.
5	TIME AND DATE FOR OPENING OFTENDER TECHNICAL BID	23/08/2018 up to 16.00 Hrs.
6	TIME AND DATE FOR OPENING OFTENDER 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.3,00,000/- (Refundable)
9	VALIDITY OF BID	180 Days

Online e-tenders are invited by **GVK Emergency Management and Research Institute**, a Nodal agency for Govt. of Gujarat (Dept. of Health & Family Welfare) for providing emergency response services in the state of Gujarat from reputed body builders/fabricators for refurbishment of ambulances. 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

- PO – Purchase Order
- GVK EMRI – GVK Emergency Management and Research Institute
- EMD – Earnest Money Deposit
- DD – Demand Draft
- BG – Bank Guarantee
- BC – Banker's Cheque
- Purchaser – GVK EMRI, Gujarat.
- 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 bids will be considered and tender bids in other (Physical) form will be not accepted.**

Tenders not satisfying the procedure prescribed in the tender document will be treated as invalid and rejected summarily. Further, the GVK EMRI, Gujarat 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. GVKEMRI/GUJ/ET/REFU/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. 3,00,000/-** should be paid in form of Demand Draft in favor of GVK EMRI 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 “ GVK Emergency Management and Research Institute” Ahmedabad, Gujarat, India.
- 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:

Mandatory:

- 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 turnover of at least Rs. 50 Lakhs per year, during last three financial years Exclusively from fabrication of Ambulances are eligible to participate in the tender. However tender committee to decide on any representation.
- III. Only vendors who have prior experience in fabricating Ambulances and automotive interiors in FRP are eligible to participate in the tender
- IV. Only one bid will be accepted from a Group of companies and entities

Desirable:

- i. Vehicle manufacturers capable of supplying fully built ambulance as per specifications.
- ii. Vendors having their in-house tool room and plastic processing facility.
- iii. GVK EMRI reserves the right to approve the design/layout and to carry out changes in fabrication during the fabrication of whole supply of tender quantity.

The bidders will need to submit the satisfaction certificates, specifically referring to in the following parameters, in case the bidder has fabricated ambulances for GVK EMRI in the past :-

- a) Adherence to delivery schedules as per the Purchase Order
- b) Quality parameters FRP quality, finishing, electrical, A/C and painting
- c) After sales service satisfaction.
- d) Availability of the technicians in the respective State/Locations
- e) Satisfaction certificate on the above subjects from not less than Head of Fleet department or COO of the state in respective state. (Particular format is not mandatory)

b. Technical evaluation :

- (i) Technical evaluation of the bid submitted will be done by a Technical Committee constituted by GVK EMRI and Govt. of Gujarat.
- (ii) Tenders submitted with technical specifications mentioned in Annexure I to V in this tender form will only be considered.
- (iii) The item execution to exercise economy (repair/replace) will be at sole discretion of GVK EMRI.
- (iv) The work order for specific vehicles considering actual repair requirement will be issued on case to case basis.
- (v) The decision of technical committee will be final for technical bid evaluation and opening of commercial bid or otherwise.
- (vi) The technical committee reserves the rights to visit the offered workplace of the vendor for evaluation.
- (vii) All vendors who meet the preliminary criterion and submit technical bids conforming to the technical evaluation criterion will be shortlisted for commercial evaluation.
- (viii) The vendor should provide the satisfactory certificate and technical evaluation certificate or any other proof stating his work quality provided by earlier customers he worked with for the same kind of vehicle & specification.
- (ix) Tender committee may scrutiny the details provided by the vendor and will decide the eligibility of the vendor to next stage.
- (x) Compliance certificate should be provided by the vendor for all the technical specifications line item wise as per Annexures.
- (xi) GVKEMRI 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, if it is found that any information furnished by the vendor is either false or hidden or fabricated, such vendor may be blacklisted by GVKEMRI and prohibited from participating in any of future tenders for a period of 10 years. GVKEMRI may at its sole discretion will use services of a third party to verify the authenticity of the data furnished by vendors

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}.
- ii) Copy of the Partnership deed (if manufacturer) / Memorandum of Articles / Registration of Firm {whichever is applicable}.
- iii) GST registration copy.
- iv) Permanent Account number (PAN) copy.

- v) CA certified Year wise production and sales for quoted product for last three year preceding of opening of technical bid. (for manufacturer)
- viii) Empanelment form giving all financial / market / statutory details about firm / company (Annexure V).
- ix) Audited Financial statements with all reports .In case of unaudited Financial Statements CA Certified Turn Over Certificate must be enclosed for the past 3 years as a compliance to **average turnover Rs.50 Lakhs / Annum.**
- x) Only one bid will be accepted from a Group of companies and entities .
- xi) Documents mentioned in Eligibility criteria.
- xii) Literature or Catalogue of the quoted product/item (if applicable)
- xiii) Affidavit in ORIGINAL on Non-Judicial Stamp Paper of Rs. 100/-duly attested by First Class Magistrate / Notary public. (Annexure-VIII)
- xiv) Performa For Performance Statement (Annexure – X)
- xv) All photocopies are required in self-attestation mode except Annexure-VIII which needs to be attested by First Class Magistrate / Notary public.
- xvi) Entire Tender Document with annexure duly signed & stamped
- xvii) Declaration (Annexure – XIV)

GVKEMRI 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, if it is found that any information furnished by the vendor is either false or hidden or fabricated, such vendor may be blacklisted by GVKEMRI and prohibited from participating in any of future tenders for a period of 10 years. GVKEMRI 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.

D. General Terms and Conditions for refurbishment of operational 108-ambulance.

There are categories itemized work involved as per below,

Refurbishment of operational Ambulances (Force Traveler)-Qty app.100 Nos.

- a) Body repair in Refurbishment -Annexure XI
- b) Interiors Refurbishment work –Annexure XII
- c) Technical and Material specifications -Annexure XIII
- d) Exterior Graphics Refurbishment Items -Annexure XVI

(a) 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.

(b) 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 GVK EMRI 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.

(c) 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.

(d) 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.
- (e) 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 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.
- (f) 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.
- (g) 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 superscribed 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

1. Price:

- i) The final price quoted in the online bid should be inclusive of **details and specifications** mentioned in tender document. The price offered in the online tender should be as per the FINANCIAL BID format consisting of all costs, duties and taxes applicable, including transit insurance for collection from GVK EMRI/OEM Ware House and to delivery at Ahmedabad or any other location as specified by GVK EMRI.
- ii) The Transportation cost for collection from Ahmedabad to works of vendor & return delivery of vehicles to be included in the cost of Fabricated Vehicle and to be mentioned separately in commercial bid.
- iii) All costs and tax components should be shown separately in the Invoice. GVK EMRI may claim back the Input Tax Credit wherever permissible.
- iv) Items provided by OEM, but not required by GVK EMRI will be vendor's property.
- v) Bidders while bidding should consider the scrap/salvage value of the unwanted additional accessories/ fitments of OEM's vehicle to be removed if any.
- vi) GVKEMRI may 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.
- vii) Tenderer should quote their prices in the scheduled format supplied in this online tender form. Price Bids received in any other form will not be entertained.
- viii) For online comparison purpose, bidders must furnish the rates for all the items, Items missed or left blank will be treated as zero cost (No items should be left as Zero Cost until there is a quantity given in repair/replace column or unless items to be carried out free of cost by vendor.
- ix) The item quantities mentioned are indicative and actual execution is fully dependent on the vehicle condition, hence it may vary.

2. Warranty:

- A) Equipments like Siren, Amplifier of Grand/Garud make or any other reputed brand approved by GVK EMRI Technical committee should have minimum 1 years warranty from the date of delivery of vehicle.
- B) Tube light, Fans, LED TV with remote, Inverter, switch board and baby warmer light should have minimum 1 year warranty from the date of delivery of vehicle.
- C) The inverter supplied with fabrication (Preferable M/s Luminous 1050VA sine wave as a process of standardization in all our ambulances) should carry minimum one year's warranty or as per OEM.

D) The vehicles refurbished will be covered under unconditional on site warranty for a period of 1 year for the delivery executed under this tender.

E) The complaint within warranty should be resolved within 5 days of lodging/reporting the complaint. Delay in response will attract a penalty / liquidated damage of Rs. 250 per day for operationally critical complaint which will be decided by GVK EMRI and will be abiding to all the vendors.

If no reply comes within above stated time period, GVK EMRI will repair/replace the complaint at local level without any intimation /estimate to be given to vendor and the same amount would be recovered from the Bill or Deposit amount.

3. Work Content Assessment and Inspection:

The nature of work being unique in case of every vehicle as per the wear and tear thereof, the inspection for works to be carried out on case to case basis will be done by authorized representative of GVK EMRI prior to raising the work order for a specific vehicle.

Addition alteration if any in the work content of the work order can be done on receipt of approval from the authorized person of GVK EMRI.

Vendor could suggest changes require in the item execution with Photographs on mail, but the execution should be done only after written approval on mail from GVK EMRI authorized person.

Vendor has to strictly adhere the item execution as per Job card assigned/ given by GVK EMRI (That is replace part need to be replaced not repair or execution with out approval), if any discrepancy found then no amount would be paid for the same part.

4. Delivery / Supply schedule:

The work being to be carried out on existing operational ambulances, the down time for refurbishment/modification work needs to be kept minimum to support the 24x7 life saving core activity of GVK EMRI Gujarat. It requires close coordination for withdrawal and redeployment of ambulance from field along with effective logistics coordination between GVK EMRI and the vendor.

The successful bidder will be supplied Ambulances to be refurbished/modified as per the tender terms at their works. The details of work to be done will be given along with the Work Order and the job should be completed within 10 days from the date of receipt of the ambulance vehicle along with Job card.

The material used for the refurbishment should be of specified grade as stated in the tender, GVK EMRI representative has right to check the invoices and material any time during or after completion of job.

All materials needed for the completion of work is whole sole responsibility of the vendor, any delay due to non availability of the spares would not be entertained.

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, GVK EMRI 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:**

Not with standing clause 3, the GVK EMRI may levy delayed supply of vehicles, a penalty of Rs. 1000/- (Rs. One Thousand only) per vehicle per day max up to 10% of PO value of individual vehicle from the vendor who is given the work order, and who fails to supply the vehicles as per the delivery schedule and delays the supplies.

- A. Penalty for Rs 1000/- per Vehicle per day Upto 7 days delay
- B. Penalty of Rs.2000/- per vehicle per day Between 8 To 15 days delay
- C. Penalty of Rs.3000/- per vehicle per day Between 15 To 30 days delay
- D. Beyond 30 days PO may be cancelled and PBG will be forfeited at the sole discretion of GVKEMRI.

Once the maximum price reduction is reached, termination of the contract may be considered. Non-performance of the contract provisions shall make the successful bidder liable to be disqualified to participate in any tender for the next 5 years, in addition to forfeiture of Security Deposit and other penal actions.

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 base vehicle if procured separately by GVK EMRI to be delivered at selected fabricators premises by the OEM of base vehicle. The fabricator will be responsible for pre receipt inspection with format supplied by GVK EMRI 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 GVK EMRI, Gujarat.

10. Any damage observed in base vehicle during fabrication work needs to be 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 this satisfactory repairs only.
11. **Pre-delivery Inspection:** All ambulances refurbished will be made available for stage inspection/pre-delivery inspection at Ahmedabad or at your works by authorized representative / committee constituted by GVK EMRI.
12. **Payment terms:** Payment will be made within 30 days of delivery, inspection, acceptance and submission of invoice. The bidder should submit the bills with delivery challans, Job card and order copy with satisfactory inspection report of the designated Technical Committee or Authorized representative after Delivery, duly signed and accepted to GVK EMRI, Ahmedabad Office in original.
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 “GVK Emergency Management Research Institute, Gujarat”, payable at Ahmedabad valid for a period of 1 year 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. **Liability of GVK EMRI:** As the payment against the supplies under this agreement will be made by GVK EMRI on behalf of and upon release of funds from respective State Government, It is expressly understood and agreed by, between the SUPPLIER and the GVK EMRI that the GVK EMRI is entering into this Agreement solely on behalf of respective State Government. In particular, it is expressly understood and agreed that though the respective State Governments / Government of India are not a party to this Agreement and have no liabilities, obligations or rights hereunder, any delay in the release of vendor payments, for the supplies made under this tender, solely depend on timely receipt of funds for the same from the respective state governments. The SUPPLIER expressly agrees, acknowledges and understands that the GVK EMRI is not responsible for any delays in the release of funds from respective state governments for what so ever reason it may be and shall not hold GVKEMRI responsible for delayed payments and GVKEMRI shall not be liable for any acts, omissions, commissions, breaches or other wrongs arising out of the contract. Accordingly, the SUPPLIER hereby, expressly waives releases and foregoes any and all actions or claims, including cross claims, impleader claims or counter claims against the GVK EMRI arising out of this Agreement and not to sue GVKEMRI for any reason, as to any manner, claim, cause of action or thing whatsoever arising of or under this Agreement. However, GVK EMRI will persuade with respective State Government to enable the timely payment to respective Supplier

15. **Ethics:** Any attempt by a tenderer to obtain confidential information, enter into unlawful agreement with competitors or influence the committee or the Contracting Authority during the process of examining, clarifying, evaluating and comparing tenders shall make the tender submitted by that tenderer liable for rejection.
16. **Jurisdiction:** All disputes arising out of or in connection with this tender shall be referred to law courts with Ahmedabad Jurisdiction only.
17. **Power of Cancellation:** GVK EMRI 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.
18. **Ownership of tenders:** All designs, drawing submitted remain property of GVK EMRI.
19. **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.
- 20. 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.

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- VI.

21. 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.

22. Arbitration Clause: In case of any dispute, the decision of COO GVK EMRI Gujarat will be final and honored.

23. Termination:

23.1 GVK EMRI 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.

GVK EMRI, 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 {whichever is applicable}.	Yes/No/NA
4	Copy of the Partnership deed (if manufacturer) / 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	CA certified Year wise production and sales for quoted product for last three year preceding of opening of technical bid (for manufacturer)	Yes/No/NA
8	Affidavit in ORIGINAL on Non-Judicial Stamp Paper of Rs. 100/-duly attested by First Class Magistrate / Notary public. Annexure-VIII	Yes/No
9	Entire Tender Document with annexure duly signed & stamped	Yes/No
10	Empanelment form giving all financial / market / statutory details about firm / company (Annexure V).	Yes/No
11	Audited Financial statements with all reports .In case of unaudited Financial Statements CA Certified Turn Over Certificate must be enclosed for the past 3 years as a compliance to average turnover Rs.50 Lakhs / Annum.	Yes/No
12	Document asked in eligibility criteria	Yes/No/NA
13	Literature or Catalogue of the quoted product/item (if applicable)	Yes/No/NA
14	Performa For Performance Statement	Yes/No/NA
15	Declaration	Yes/No
16	Service support annexure	Yes/No

ANNEXURE II**TENDER FORM****(For the fabrication of MHU)****1. Name of the fabricator (Organization):****2. Name of the Chief Officer & Address:****3. Address of the registered office of the Fabricator:****4. Address of the Factory / Plant:****5. Number of employees:**

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

**6. Number of vehicles fabricated in 2017-18
(Please attach pictures of vehicles, list of customers and Purchase orders)****7. Turnover in last three Financial Years**

(Please submit company profile on separate sheet)

**8. EMD details with tender form Rs.3,00,000/- In words (Rs.Three Lacs only) -
DD.No / Bank Guarantee: _____; Name of the Bank and Issued branch: _____**

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

**SIGNATURE OF THE
TENDERER WITH DESIGNATION & 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
Manufacturing Experience Certificate for last Three Years for Quoted Product
(for manufacturer only)
(On letterhead of Chartered Accountant)

The Production and Sales of _____ (Name of quoted product) of M/s _____ for the last three years are given below and certified that the statement is true and correct.

Sr. No.	Year	Production (Qty.)	Sales (Qty.)
1			
2			
3			

Date :

Place :

Name & Signature of
Chartered Accountant
Seal

Annexure –VIII
Affidavit

(TO BE SUBMITTED PHYSICALLY)

(To be submitted IN ORIGINAL on Non⁷ Judicial Stamp Paper of Rs.100/7 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.
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- IX

**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.**

Annexure –X
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 XI
Specifications

Body repair in Refurbishment				
	WORK / ITEM DESCRIPTION	Repair Qty	Replace Qty	EOM
Body work	FRONT BUMPER	0	65	NO
Body work	ASSY MTG BKT FRONT BUMPER	0	400	NO
Body work	BONNET ASSY	600	4	Sq Ft
Body work	BONNET LOCK Upper	10	30	NO
Body work	BONNET LOCK Lower	10	30	NO
Body work	RELEASE LEVER ASSY	0	55	NO
Body work	ASSY BONNET HINGE COMPLETE	8	30	NO
Body work	Engine Compartment Fire wall Assembly	800	0	sq.ft
Body work	WHEEL ARCH AND SIDE BONNET INNER	1000	5	sq.ft
Body work	Front inter cooler mounting	20	5	NO
Body work	ASSY SIDE BONNET OTR WITH CED COATED LH	70	30	NO
Body work	ASSY SIDE BONNET OTR WITH CED COATED RH	70	30	NO
Body work	ASSY FRONT MILD STEEL GRILLE COMPLETE	75	15	NO
Body work	Force Monogram	0	40	NO
Body work	FRONT PLASTIC GRILLE COVER WINDSCREEN FRAME	0	35	NO
Body work	WINDSCREEN GLASS	0	25	NO
Body work	ASSY WINDSCREEN FRAME	0	20	NO
Body work	A PILLAR WINDRSCREEN GLASS LHS	1000	0	sq.ft
Body work	A PILLAR WINDRSCREEN GLASS RHS	1000	0	sq.ft
Body work	Wind Shield Upper Frame	1000	0	sq.ft
Body work	WINDSCREEN GLASS RUBBER MOULD	0	100	NO

Body work	WINDING GLASS FRONT DOOR	0	10	NO
Body work	WINDING GLASS FRONT DOOR RUBBER	0	25	NO
Body work	FIXED QUARTER GLASS,TOUGHNED WHITE RH	0	15	NO
Body work	FIXED GLASS RUBBER MOULD	0	25	NO
Body work	wind screen wiper assembly	0	40	NO
Body work	Wind shield water reservar tank motor	0	90	NO
Body work	Wind shield washer assembly	0	10	NO
Body work	Wiper motor assembly	0	10	NO
Body work	Wind shield washer nozzle	0	150	NO
Body work	wind screen wiper Blade	0	30	NO
Body work	Chasis welding repair	600	0	sq.ft
Body work	Rear Leaf spring shackle mounting support (heavy rainforcement of chassis frame)	500	0	sq.ft
Body work	Front Shock Absorber mounting support (heavy rainforcement of metal)	500	0	sq.ft
Body work	DASHBOARD BODY RHD ASSY	30	0	Veh
Body work	ASSY FRONT DOOR SHELL WITH CED COATED RH	800	15	sq.ft
Body work	ASSY FRONT DOOR SHELL WITH CED COATED LH	800	15	sq.ft
Body work	Front door stoper assembly	0	90	NO
Body work	Driver/EMT seat belt assembly	0	6	NO
Body work	Door Hinges (RHS) driver cabin	75	10	NO
Body work	Door Hinges (LHS) driver cabin	75	10	NO
Body work	DOOR PAD ASSY -LHS	30	55	NO
Body work	DOOR PAD ASSY -RHS	30	55	NO

Body work	Pilot Cabin Floor	800	0	sq.ft
Body work	Pilot Cabin Foot Step	800	20	sq.ft
Body work	Pilot Cabin Foot Step cover (Plastik)	0	40	set
Body work	Adjustable Driver Seat frame guide rail	0	100	NO
Body work	Pilot Seat Box	70	2	NO
Body work	Co Driver Seat	19	0	NO
Body work	REAR VIEW MIRROR OUTER LHS	0	30	NO
Body work	ASSY WINDOW WINDING MECH	15	150	NO
Body work	GLASS BOTTOM HOLDER ASSY	0	32	NO
Body work	GLASS RUN DIVISION BAR	0	32	NO
Body work	INTERNAL GRAB HANDLE	0	15	NO
Body work	ASSY HANDLE [WINDOW WINDING]	0	100	NO
Body work	GLASS GUIDE CHANNEL ASSY	11	75	NO
Body work	INNER LOCK ASSY- FRONT DOOR	0	140	NO
Body work	Front door lock latch assembly	25	150	NO
Body work	INNER LOCK CONTROL UNIT-FRONT DOOR	0	170	NO
Body work	EXTERIOR HANDLE	0	20	NO
Body work	GLASS RUN GUIDE CHANNEL RUBBER	15	24	NO
Body work	Rear door rubber beeding	0	80	set
Body work	KIT ASSY LOCK	0	90	set
Body work	FIXED GLASS RUBBER MOULD	11	20	NO
Body work	REAR VIEW MIRROR OUTER RHS	0	40	NO
Body work	Side Wall (LHS)	2000	0	Sq Fit
Body work	Side Wall (RHS)	2000	0	Sq Fit
Body work	Roof Top	3500	0	Sq Fit
Body work	Watter gallery	1500	0	Sq Fit

Body work	Oxygen Door hinges	30	11	NO
Body work	Diesel tank lock	0	10	NO
Body work	ASSY REAR DOOR SHELL WITH CED COATED LH	1000	16	Sq Fit
Body work	ASSY REAR DOOR SHELL WITH CED COATED LH	1000	16	Sq Fit
Body work	GLASS OF REAR RH DOOR GREEN TINTED HR	0	10	NO
Body work	REAR DOOR GLASS RUBBER MOULD	0	10	set
Body work	LATCH- REAR DOOR	0	100	set
Body work	INNER LOCK CONTROL UNIT-REAR DOOR	10	90	NO
Body work	Rear door centre lock bracket top & bottom	0	55	NO
Body work	Door center lock assembly Rear Compartment	0	60	set
Body work	INNER LOCK ASSY-REAR DOOR	0	75	NO
Body work	HANDLE ASSY EXT-REAR DOOR	0	10	NO
Body work	DOOR PAD REAR DOOR ASSEMBLY LHS	56	20	NO
Body work	DOOR PAD REAR DOOR ASSEMBLY RHS	56	20	NO
Body work	Rear Shoulder (LHS)	600	0	sq.ft
Body work	Rear Shoulder (RHS)	600	0	sq.ft
Body work	REAR BUMPER CORNER	0	140	NO
Body work	HINGE-REAR DOOR	180	25	NO
Body work	HINGE REAR DOOR	180	25	NO
Body work	Rear Door holding unit on Side Body	0	25	NO
Body work	Rear door floor panel (end piece)	600	5	sq.ft
Body work	Reflector set front and rear	0	100	NO
Body work	REAR COMPARTMENT SIDE WINDOW HINGES	0	100	NO

Body work	Conversion of Quarter Plate (Openable) SIDE WINDOW in to SLIDING GLASSES Window on LHS and RHS.	0	100	set
Body work	Complete Ambulance painting including patient compartment and under body chasis paint (anty rust paint)	0	100	Veh
Body work	Clear Coating (outside body)	0	100	Veh
Body work	Supply and pasting of Graphics as per design / specifications provided (As per RTO norms)	0	100	Veh
Body work	Rear Foot Rest	60	5	NO
Body work	Spare Wheel Stand	60	5	NO

Annexure XII

Interior/exterior Refurbishment Items				
	WORK / ITEM DESCRIPTION	Repair Qty	Replace Qty	EOM
FRP WORK	ROOF AC CONDENSER COVER	65	5	NO
FRP WORK	ROOF AC CONDENSER COVER GRILL	10	65	NO
FABRICATION WORK	AC BLOWER STAND	45	5	NO
FABRICATION WORK	INVERTER STAND	23	25	NO
Accessories	AC flaps	0	100	NO
Accessories	FRESH WATER PVC TANK (With Bracket)	0	65	NO
FABRICATION WORK	CO DRIVER SEAT (MIDDLE) REINFORCEMENT WITH ONE MILD STEEL	15	11	NO
Accessories	PILOT CABIN MATING	0	100	VEH
ABS works	CEILING (PILOT COMPARTMENT) removing/Refitting	100	0	VEH
ABS works	CEILING (PILOT COMPARTMENT)	0	4	VEH
Accessories	Sun visor	0	30	NO
ABS works	LH PANEL(Patient cabin sidewall) Removing/Refitting (ABS)	90	0	VEH
ABS works	RH PANEL(Patient cabin sidewall) Removing refitting (ABS)	90	0	VEH
ABS works	CEALING PANEL(Patient cabin Roof) Removing refitting (ABS)	90	0	VEH
ABS works	CEALING PANEL -ABS	35	4	NO
ABS works	LH PANEL -ABS	30	4	NO
ABS works	RH PANEL -ABS	35	4	NO
ABS works	COMPLETE HATRACK ASSY	10	4	NO
Glass work	HATRACK SLIDING GLASS	0	15	NO
Accessories	HAT RACK SLIDING WINDOW GLASS LOCK	0	100	NO
ABS works	PARTATION PANEL PATIENT CABIN - 1 -ABS	40	4	Veh
ABS works	PARTATION PANEL PILOT	40	4	Veh

	CABIN-2 -ABS			
FABRICATION WORK	OXYGEN CYLINDER TROLLEY	60	0	VEH
FABRICATION WORK	OXYGEN CYLINDER TROLLEY LOCK	50	15	NO
FABRICATION WORK	OXYGEN CYLINDER DOOR LOCK TO BE REMOUNTED (SQUARE KEY TYPE)	0	100	NO
FABRICATION WORK	BLINKER LIGHT COVERS	0	600	NO
FABRICATION WORK	ROOF FOG LAMP COVER REPAIR (FRP)	25	0	NO
FABRICATION WORK	ROOF FOG LAMP COVER REPLACEMENT (FRP)	0	280	NO
FABRICATION WORK	SQUAD BENCH SUPPORT	45	10	NO
FABRICATION WORK	SQUAD BENCH HINGES	0	25	NO
FABRICATION WORK	FIRE EXTINGUISHER STAND NEW DESIGN	0	35	NO
FABRICATION WORK	WHEEL CHAIR MOUNTING STAND WITH TOGGLE CLAMP ON Rear L.H.S Door	23	20	VEH
FABRICATION WORK	Velcro fitment of scoop Strecher & spine board on R.H.S Panel	0	100	set
Accessories	MUD FLAP WITH MOUNTING FRONT	0	100	Set
Accessories	MUD FLAP WITH MOUNTING REAR	0	100	Set
Upholstry work	HAT RACK,Squad Bench and Oxygen Regulator Comp. INNER HITLON PASTING	0	100	set
FABRICATION WORK	HAT RACK COMPLETE-LH SIDE WITH SLIDING WINDOW -NEW ITEM (ABS)	30	4	NO
FABRICATION WORK	SQUAD BENCH WITH PROPER REINFORCEMENT REPLACEMENT (NEW DESIGN)	30	4	NO
Upholstry work	Squad Bench seat Assy (Including Cushion,Ply,and Cover)	0	15	NO
WOODEN CABINET	SQUAD BENCH	0	25	NO

	(ATTENDANT SEAT) SEAT WOODEN PLY (12mm)			
Upholstry work	SQUAD BENCH (ATTENDANT SEAT) SEAT CUSHION excluding WOODEN PLY	60	23	NO
Upholstry work	SQUAD BENCH (ATTENDANT SEAT) SEAT COVER ONLY	0	85	NO
Upholstry work	SQUAD BENCH (ATTENDANT SEAT) BACK REST WOODEN PLY 12mm	0	30	NO
Upholstry work	SQUAD BENCH (ATTENDANT SEAT) BACK REST CUSHION excluding WOODEN PLY	20	10	NO
Upholstry work	SQUAD BENCH (ATTENDANT SEAT) BACK REST COVER ONLY	0	100	NO
Accessories	AUTO SELF ADJUSTABLE SEAT BELT FOR PATIENT ATTENDENT-3NOS-	0	10	Set
FABRICATION WORK	PATIENT COMPARTMENT WHEEL HUMP HOUSING	500	15	SQ.FT
FABRICATION WORK	SUCTION MACHINE FIXING BRAKET	5	11	NO
FABRICATION WORK	PORTABLE OXYGEN BOTTLE NOS FIXING BRACKET	0	11	NO
OXYGEN DELIVERY SYSTEM	OXYGEN DELIVERY PORTS (3+1) NEW DESIGN COMPLETE	10	25	Set
OXYGEN DELIVERY SYSTEM	DOUBLE STAGE REGULATOR	25	35	NO
OXYGEN DELIVERY SYSTEM	HIGH PRESSURE PIPE (Cylinder to Regulator)	0	100	NO
OXYGEN DELIVERY SYSTEM	LOW PRESSURE PIPE (Regulator to Port)	0	75	NO
WOODEN CABINET	REPLACEMENT OF SLIDE FOR ALL DRAWERS WITH WOODEN SLIDES	25	75	VEH
WOODEN CABINET	DRAWER SLIDING CHANNEL	0	600	NO
WOODEN CABINET	MAJOR DROWER REPAIR WORKS	30	0	VEH
WOODEN CABINET	Drawer LOCK (EBCO	15	1000	NO

	MAKE)			
ABS works	MEDICAL CABINET TOP ABS SHEET	15	4	NO
ABS works	ABS SHEET REPLACEMENT FOR DRAWERS COVERS'	23	20	NO
WOODEN CABINET	WOODEN SUN-MICA REPLACEMENT	400	0	sq.ft
Accessories	DRAWER HINGES	0	400	NO
Painting Work	WOODEN PRIMER ALL OVER INSIDE	0	23	VEH
Wash Basin	Wash basin Tub (SS)	0	11	NO
Wash Basin	WASH BASIN WITH COUPLING & DRAINAGE PIPE	38	30	NO
Wash Basin	DRAINAGE PIPE	0	60	NO
Wash Basin	WATER TANK TO NULL PILPE	0	25	NO
FRP WORK	Foot Operated Switch Cover -FRP (WASH BASIN)	0	60	NO
Wash Basin	DRAINAGE VALVE	19	30	NO
Wash Basin	PLASTIC DRAINAGE WATER TANK (18 Ltr)	0	45	NO
flooring works	PLYWOOD ON COMPLETE FLOOR AREA 15mm Thick	0	15	NO
flooring works	PLYWOOD ON FLOOR AREA (15mm Thick) BELOW ATTENDANT SEAT REMOVING/REFITTING	0	55	NO
flooring works	PLYWOOD ON FLOOR AREA (15mm Thick) IN FRONT OF MEDICAL COMPARTMENT	0	25	NO
flooring works	PLYWOOD ON FLOOR AREA (15mm Thick) BELOW R.H.S STRECHER STAND REMOVING/REFITTING	0	55	NO
flooring works	PLYWOOD ON FLOOR AREA (15mm Thick) MARINE PLY PLACEMENT MIDDLE PORTION	0	25	NO
flooring works	PLYWOOD ABOVE RHS WHEEL HUMP (12mm Thick)	0	30	NO

flooring works	Vinyl Flooring: A non static, mark resistant, scuff proof and safety flooring material (LG-CS301 ,VEEKAY or EQUIVALENT APPROVED BY TECHNICAL COMMITTEE) to be glued properly without entrapped air bubbles and without any joints anywhere Including silicon .	0	100	VEH
flooring works	FLOOR SS SHEET PLACEMENT (AFTER REBUFFING) (Size:700 X 2300 mm X 0.8 mm)/strecher railing	0	100	VEH
Upholstery work	EMT SEAT COVER REPLACEMENT (INCLUDE BACK REST)	0	100	NO
Upholstery work	CO DRIVER SEAT CUSHION ONLY (INCLUDING BACK REST)	0	100	NO
Upholstery work	CO DRIVER SEAT COVER ONLY (INCLUDING BACK REST)	0	100	NO
Upholstery work	PILOT SEAT COVER	0	100	NO
Upholstery work	Pilot Seat Cushion	30	15	NO
ACCESSORIES	WATER JUG	0	15	NO
Accessories	FROSTED FILM ON SIDE GLASSES (FULL COVER)	0	30	Set
Accessories	FROSTED FILM ON REAR GLASSES (HALF HEIGHT)	0	45	Set
Accessories	PLACING REAR DOOR SEALING ALL OVER EDGES EXCLUDING BOTTOM (RUBBER MATERIAL ONLY)	0	100	VEH
Accessories	S.S. PUSH ' DUST BIN	46	15	NO
Accessories	ROOF GRAB RAIL BRACKET	0	200	NO
Accessories	ROOF GRAB RAIL	0	5	NO
Accessories	STRETCHER SIDE/ CENTRE LOCK	25	15	NO
Accessories	PARTITION WINDOW SHIELD (Retractable)	10	4	NO
Accessories	PARTITION/QUARTER	0	60	NO

	WINDOW LOCK			
HARDWARE	DRAWER: HANDLES	0	400	NO
HARDWARE	MAGNETIC CATCHERS	0	400	NO
HARDWARE	IV BOTTLE HOOK	0	100	NO
HARDWARE	TOGGLE CLAMP	0	23	NO
ELECTRICAL	HEAD LIGHT ASSY	0	40	NO
ELECTRICAL	Head light lamp with socket	25	20	NO
ELECTRICAL	ASSY FRONT BLINKER-SIDE LIGHT	0	200	NO
ELECTRICAL	SIDE REPEATER LAMP-AT FENDER	11	75	NO
ELECTRICAL	REAR REG. PLATE LAMP	0	20	NO
ELECTRICAL	ASSY.ENGINE LAMP	25	30	NO
ELECTRICAL	GRAND/Garud LIGHT BAR LED WITH DUAL DIAPHRAGM SPEAKER SYSTEM AND AMPLIFIER	23	10	VEH
ELECTRICAL	Garud DUAL DIAPHRAGM FOR (LIGHT BAR) SPEAKER SYSTEM	25	25	NO
ELECTRICAL	Garud AMPLIFIER FOR LIGHT BAR & SPEAKER SYSTEM	0	45	NO
ELECTRICAL	GARUD LIGHT BAR DOME (Glass) COVERS INCLUDING BASE	0	75	Set
ELECTRICAL	Public adheresing system	25	75	NO
ELECTRICAL	BLINKER LIGHT (LED Based)	0	600	NO
ELECTRICAL	OUTER SPOT LIGHT	0	300	NO
ELECTRICAL	3 PIN SOCKET (MODULAR)	11	20	NO
ELECTRICAL	Desk board switches	0	100	NO
AC WORK	AC REGULATOR PANEL-Digital(Patient cabin) Make-Subross	0	25	NO
ELECTRICAL	12 V DC switch board 9 switches & one three pin	0	100	NO
ELECTRICAL	Pilot cabin switch board	0	100	NO
ELECTRICAL	WASH BASIN PUMP & MOTORS ASSEMBLY (SUBMERSIBEL)	0	50	NO
ELECTRICAL	WASH BASIN PUMP & MOTORS ASSEMBLY (Aqua Machin -DC type)	0	50	NO
ELECTRICAL	AC switch board	0	200	NO

ELECTRICAL	DC Charging Port	0	100	NO
ELECTRICAL	MCB SWITCH	0	100	NO
ELECTRICAL	Foot Operated Switch (WASH BASIN)	0	60	NO
ELECTRICAL	DIGITAL CLOCK (3 INCHES X 8 INCHES)	0	10	NO
ELECTRICAL	Replacement of two remi make DC Fans in rear compartment	0	200	NO
ELECTRICAL	BABY INCUBATOR LIGHT	0	75	NO
ELECTRICAL	Whole AMBULANCE(OEM) WIRING	65	2	VEH
ELECTRICAL	ASSY TAIL LAMP	45	55	Set
ELECTRICAL	MAIN CUT OFF SWITCH	0	100	NO
ELECTRICAL	ASSY COMBI SW. PANEL VAN	0	48	NO
ELECTRICAL	HAZARD WARNING SW	0	48	NO
ELECTRICAL	WIRING FUSE BOX (OEM fitted)	80	20	VEH
ELECTRICAL	Whole Fabrication wiring	75	4	VEH
ELECTRICAL	AMBULANCE HORN RELAY	0	30	NO
ELECTRICAL	BLINKER RELAY	0	100	NO
ELECTRICAL	BATT CABLE - AMB.	400	0	SQ.FT
ELECTRICAL	BATTERY TURMINAL	0	200	NO
ELECTRICAL	BATTERY TRAY	30	53	NO
ELECTRICAL	BATTERY CLAMPNG STUD	0	100	NO
ELECTRICAL	AMBULANCE HORN SWITCH	0	100	NO

Annexure XIII**Material Description under Scope of Refurbishment:****1) Medical cabinet: Cabinet for storing medical equipment I supplies I Wash basin I dust bins:**

- i. **Medical cabinet:** Placed alongside the left side wall at the front end attached with partisan wall.(Illustrative drawing attached).
- ii. The length of the medical rack from Partition wall towards the rear of the patient cabin should not exceed 600mm to accommodate walk way of 300 mm between EMT seat to the stretcher head. The illustrated image is attached.
- iii. Plywood should be FR and MR grade of IS: 5509-2000 approved automobile grade magnus/Greenply/Century or equivalent make.
- iv. Medical cabinet structure should be made of 19 mm plywood and Drawers should be made of 12 mm plywood.
- v. 6 nos. Small acrylic boxes in each vertical medical drawers for distinguishing injectables and vaccines to be provided in Left hand side storage.



- vi. Medical Cabinet having sufficient utility and durability for storing medical consumables.
- vii. A cabinet for wash basin and space for accommodating two waste bins.



- viii. 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. Wooden Slide rails is preferred in Medical Cabinet.
- ix. House the Stainless Steel (SS)/ABS wash basin with SS water tap supplying water through Motorized Pump (12 V DC power operated ISI mark submersible/Aqua Machine DC pump, heavy duty) with foot operated control, to pump the water from the fresh water tank.
 - i. Fresh Water Tank and Drain Water Tank both made of 3mm thick food grade plastic quality with inlet and outlet connection below the wash basin 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. Both the Tanks should be easily removable for any sort of Maintenance and Cleaning purpose.
 - iii. All the drawers should be provided with lock and key of brands as specified vide para 1(viii) (ix) to secure them against unintended opening during any kind of possible motion of the ambulance.
 - iv. Two Concealed Portable Stainless Steel Dust Bins with spring loaded lids for waste disposal are provided under the wash basin.
 - v. Bidders needs to submit the material test certificate under FR and MR Grade plywood criteria and GVK EMRI has rights to carry out destructive testing at vendor's cost

2) 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 ABS sheet of 02 MM, 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 = 1845 mm, width =500mm, height = 465mm. This shall provide storage space inside the Box below to accommodate Extrication tools within.
- iv. The inner box area should be covered with the 4mm thick heatlon sheet properly glued to the inner surface.
- v. It should have three suitably placed seat belts of self adjusting type/ back rest (25mm thick) cushions to be provided.
- vi. Squad bench cushion should be minimum 70 mm thick made from PU foam (high density) cushion to be provided for comfort and the same should be upholstered with non absorbent PVC leather cloth (class-A, grade I) of silver gray color.
- vii. All the seats in vehicles to be provided with non absorbent PVC leather cloth (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 ABS panels.
- ix. Back rest should be minimum 50 mm thick (made from 1 inch heatlon and 1 inch high cushion foam) should be provided in concurrence with squad bench at the left side wall panel

3) EMT's Seat:



- i) Dimensions: Depth =410mm, Width =540mm and Seat height=380mm, Back Rest Height=460mm.
- ii) It should have one waist seat belt.
- iii) Base of the seat should be foldable & the back rest to be mount on drawer of medical cabinet behind seat. It should have one waist seat belt.

4) Oxygen Cylinder Compartment and delivery System:

- i) A door for the Trolley to be cut and fabricated with bonnet type locking with a lever in the driver compartment.

- 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 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. (Ask for Clarification if needed)
- x) Two high pressure and two low pressure pipe connection to be made

5) Flooring

- i) A water proof and fire retardant marine ply board with 15 mm thickness automobile grade IS: 5509-2000 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 0.8 mm thick should be properly polished and should cover whole floor surface placed on floor, should be fixed with flat head screws suitably placed to avoid any bulging of the sheet anywhere on edges or within.

b) Wall paneling:

- i) Complete interior paneling of the sidewalls, both sides of the partition wall between patient cabin and driver cabin, roof (both patient and driver cabin)

- and back door panels should be made from 4 to 6 mm 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. Following is the preferred colour combination of ABS for wall and medical cabinet (White-& Cream) with glossy finish surface respectively for uniformity of Ambulances.
 - iii) The panels for each of the surfaces should be produced as modular with not more than one joints along the width of the panels to accommodate future repairs and maintenance works. The approval of GVK EMRI Technical committee 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.
 - v) Internal ABS sheets are divided in different parts as described below. In case any requirement of specified panel sheet bidder could get ABS panel on price as per Schedule of Rates (vii) through GVK EMRI or they can also mould it at their premises by collecting mould from GVK EMRI.
 - vi) You are responsible for any damage in mould during transportation and production of sheet.

vii) Schedule of Rates.

Item code	Particular	Part Qty	Mfg. Cost (Rs.)
AC-921-15	R H S Panel	1	30500
AC-921-15	L H S Panel	1	30500
AC-922-15	R H S Panel	1	30500
AC-923-15	Roof Panel	1	32500
AC-924-15	Pilot Cabin Roof	1	19500
AC-920-15	Cabin Inner Partition	1	12500
AC-919-15	Patient cabin Partition	1	11500
AC-926-15	Medical Cabinet	1	22600
AC-925-15	Hat Rack	1	19500

Note: Applicable GST and Transportation cost will be extra on above ABS panel

- viii) 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.
- ix) 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.
- x) 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.



- xi) The panels should be moulded keeping in view the aesthetic aspect for electrification and other fitments as per utility and desired layout of the patient compartment.
 - xii) 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.
- b) 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 the specified area as per the GVK requirement.**
- i) The MS sheet should be MIG welded to the body of the Vehicle structure as per Automobile standards and be coated with Primer to avoid any rusting.
- c) A seamless appearance and finish is desirable to keep the ambulance bacteria free in services.**
- d) General:**
- i) Gap between the ABS sheet and the vehicle body shell should be stuffed with (50mm thick) sandwich of PU foam and Thermocol / PUF sheets to reduce the heat transmission.
 - ii) Provision for placement of power switches / sockets/ fans/ air conditioner, telemedicine and for upgrading other electrical items shall be made available in paneled walls.
 - iii) Provision for I.V hooks & holders 2 no. should be made on the ceiling.

- iv) Adequate provision for safeguarding oxygen regulator on the right side panel.
- v) Adequate provision to securely hold spine Board along RHS wall over Wheel hump.
- vi) Adequate provision to securely hold spine Board and scoop stretcher along RHS wall over Wheel hump.
- vii) Total 6 nos. AC plug 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 (230 V AC) to be made available on the RHS wall around Medical Equipment's console Area.
- viii) A small box compartment with sliding door mechanism between RHS rear door and wheel hump to be provided.



- ix) The proposed box with sliding door cannot be more than 200 mm width to ensure that 400 mm walkway is maintained between squad bench bottom and stretcher.
- x) 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.



- xi) A vertical shelf made of ABS capable of holding few registers to be provided at the partition wall inside the driver cabin.

6) 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. Made in ABS (min 3 mm thick) 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 suitable closures 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 fall down.

b) Grab Rails:

- i) A 2380mm long pipe of 30mm dia. made of stainless steel (SS) be placed as grab rail on the Ceiling with proper supports at four places;
- ii) A 610mm long pipe of 30mm 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 GVK EMRI.
- iii) Wheel chair to be placed on Rear Right 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.

7) Fire extinguisher hold:

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

8) 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.

9) Water Dispenser:

- i) A water Dispenser 3.5 Lt. preferably Milton is to be provided with straps near wash basin area.

10) Sliding Window in Patient Compartment:

- i) Conversion of quarter plate windows in to sliding window with good workmanship
- ii) Lockable and rattling free mechanism with toughened glass.

11) Paint work :

- a. Outer body paints should be White PU colour of reputed make like ICI, Asian Paints, Berger etc subject to approval by GVK EMRI.
- b. Inner side patient compartment should be White PU solid paint ,colour of reputed make need get approved colour shed and quality from GVK E.M.R.I prior to use
- c. Under body frame should be anti rust coating to be apply.
- d. Clear coat to be applied on outer side body after sticking of good reputed make need get approved its quality prior to use.

Part B: Scope of AC Work

12) Guide lines for Air Conditioning System :

- i) 1.5 ton Air conditioner of Subros, Carrier or other equivalent company (approved by GVK EMRI)
- ii) With 50mm ducts (ports), Properly sealed for no air leakage, on the ceiling of the patient cabin, with collapsible flaps to cover the ports,
- iii) Also an air flow, at the rear most of 30 Cubic Meters per Minutes should be there.
- iv) The system of free flow AC ducting is also recommended as an option.

Part C: Scope of Electrical Work:**13) 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 bear an onsite warranty of Two Years.
- xiii) All the electrical Wiring should be done in consultation with the Inverter Manufacturer's recommendation, and should provide certification to prove this.

14) Light bar:

- i) Make Garud or any other reputed registered light manufactures equivalent (approved by GVK EMRI technical committee), Model – Marsh Voice of Garud is preferred as a standard equipment for our ambulances.
- ii) Other LED based configuration will be preferred but should be approved by GVK EMRI committee,
- iii) Long life span, high luminance, Voltage: DC 12 V, Power: 92W + 18W,
- iv) With integrated single diaphragm type Public Addressing System of 100W.
- v) All the electrical Wiring should be done in consultation with the Light bar Manufacturer's recommendation, and should provide certification to prove this.
- vi) Warranty period 1 years for Grand or any other reputed registered light manufactures equivalent (approved by GVK EMRI technical committee) and model as specified.

15) Flashers, Spot Lights, tube Lights ,baby warmer light:

- i) (6Nos) high intensity LED Flashers, red-orange pair on either side, and both red on the rear of the vehicle LED Flasher should be reputed registered light manufactures or equivalent (approved by GVK EMRI technical committee) with one year warranty.
- ii) (3Nos) Spot / flood lights on three sides, except on the front, in the middle of each pair of Flashers preferable Make Hella with one year warranty..
- iii) (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 (approved by GVK EMRI) with one year warranty.
- iv) 220V AC / 15 amp - 3 pin (5 Nos) and 12V DC-Round sockets (3 Nos) power source with Crabtree or equivalent modular switches with one year warranty..
- v) External charge port with spring loaded lid. Has to be located at the below area of co driver seat with one year warranty..

- vi) One Mobile Charging Switch Socket assembly is to be provided in Pilot compartment.
- vii) Baby warmer assembly (QBSO24 white) of Philips with halogen lamp of 50 Watt, 12 Volt, 2000h with one year warranty.

16) 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).**
- ✓ **A laminated copy of standard wiring diagram should be provided with each ambulance for reference.**

17) Fuse and Other Safety Measures:

- i) A separate Fuse to each of the (as mentioned above) circuits be given.
- ii) There should be an Indicator mark to each fuse on the fuse Box be given to identify the Fuse separately;
- iii) There should not be any joints be given within the Circuit Wiring,
- iv) At any unavoidable wiring junction(s) the wires should be joined through Bakelite Connectors only,
- v) There should not be any loose wiring and loose joints;
- vi) Other than vehicle wiring harnesses, all wires/harness used for should be ((Flexi Cab, Finolex or equivalent make).
- vii) All the electrical accessories should carry ISI Mark and be approved by technical committee and should be of (ARAI/ISI) automobile standards.
- viii) All other unspecified Parts necessary for the Wiring should be of Automobile grade and/or ISI Certified.

18) Clock:

- i) 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;

19) DC connections Socket:

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

20) Roof / Wall mounted fans:

- i) Half Safety metal guard. Screw mounting. Oscillating, 8 inches fan blade (of Rami brush type) , 2-speed switch, operated by DC 12 V in 2 nos. in the Patient compartment,

- ii) One fan (same as above) in Driver (Pilot) Compartment.

21) Exhaust Fan:

- i) To be mounted to partition between driver and ambulance compartment, to pump ambient air into the patient compartment. One 8inches Exhaust fan on partition wall.

Annexure - XIV
Exterior Graphics Refurbishment Items

Body Graphics:

- Ambulance to be supplied with exterior design / painting as per GVK EMRI design. All vinyl / reflective stickers/ films of LG, 3M or equivalent to be used. Detailed drawing/samples will be furnished. **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	
Sr.	Item Description
1	108 Logo on Bonnet (8 X 8 Inches)
2	108 Logo on LHS Side Wall (Rear) (36 X 36 Inches)
3	108 Logo on RHS 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 Door Centre (4 X 36 Inches)
7	AMBULANCE in Mirror on Bonnet (4 X 36 Inches)
8	Gujarat Sarkar (English) on RHS Side Wall Middle (5.5 X 57 Inches)
9	Gujarat Sarkar (Gujarati) on Bonnet (1.5 X 30 Inches)
10	Gujarat Sarkar (Gujarati) on LHS Side Wall Middle (4 X 50 Inches)
11	Gujarat Sarkar (Gujarati) on Rear Door Glass (2.5 X 37 Inches)
12	Mukhmantri Amrutam logo on LHS Wall (23 x 33 Inches)
13	Swatch Bharat logo on RHS Wall (22 x 34 Inches)
14	GVK EMRI on Side Wall Edge (2.4 X 62 Inches)
15	GVK EMRI on Side Wall Edge (2.4 X 62 Inches)
16	GVK EMRI Logo on Emergency Light Base (5 X 22.4 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	GVK EMRI Logo on Roof Side (5 X 22.4 Inches)
20	GVK EMRI Logo on Side Wall Lower (8.5 X 38 Inches)
21	National Health Mission (English) Logo on LHS Door (Front) (40 X 57 Inches)
22	National Mission (English) Logo on RHS Door (Front) (40 X 57 Inches)
23	National Health Mission (English) Logo on Front Bonnet (19 X 25 Inches)

24	National Health Mission (English) Logo on Rear LHS Door (19 X 25 Inches)
25	Patta on Roof Edge (4 X 62 Inches)
26	Patta on Bonnet (6 X 72 Inches)
27	Patta on Roof Edge (4 X 166 Inches)
28	Patta on Side Rear (Cross-Long) (6 X 52 Inches)
29	Patta on Side Rear (Cross-Short) (6 X 37 Inches)
30	Patta on Side Wall Middle (10 X 82 Inches)
31	Patta on Front Door (10-5.5 X 40 Inches)
32	Patta on Front Fender (5.5-4 X 26 Inches)
33	Patta on Side Wall Lower (4 X 99 Inches)
34	Patta on Side Wall Edge (8 X 99 Inches)
35	Patta on Roof Edge (4 X 166 Inches)
36	Patta on Side Rear (Cross-Long) (6 X 52 Inches)
37	Patta on Side Rear (Cross-Short) (6 X 37 Inches)
38	Patta on Side Wall Middle (10 X 82 Inches)
39	Patta on Front Door (10-5.5 X 40 Inches)
40	Patta on Front Fender (5.5-4 X 26 Inches)
41	Patta on Side Wall Lower (4 X 99 Inches)
42	Patta on Side Wall Edge (8 X 99 Inches)
43	Patta on Roof Edge (4 X 61 Inches)
44	Patta on Door Centre (11 X 60 Inches)
45	Patta on Roof Rear (LHS) (12 X 6 Inches)
46	Patta on Roof Rear (RHS) (12 X 6 Inches)
47	Satyameva Jayate Logo on Bonnet (11.5 X 7.5 Inches)
48	Yellow Strip - Radium on base of Clear Vinyl (90 x 2 Inches) - Left Side
49	Yellow Strip - Radium on base of Clear Vinyl (90 x 2 Inches) - Right Side
50	Nisulk Seva - Red Base Vinyl with White Radium Fonts - (30 x 3.5 Inch) Left Side
51	Free Service - Red Base Vinyl with White Radium Fonts - (30 x 3.5 Inch) Right Side
52	Red Strip - Radium on base Clear Vinyl - (60 x 2 Inch) Back Side
53	Free Service - Red Base Vinyl with White Radium Fonts - (18 x 4 Inch) Back Side
54	White Strip - Radium on Base of Clear Vinyl (64 x 2 Inches) - On Front Bumper

ANNEXURE- XV
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 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 GVK EMRI. 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 - XVI
Service Support Annexure**

Region	Details	Body and Fabrication work	Electrical Work	Exterior Graphics
Ahmedabad and North Gujarat	Name			
	Contact Person			
	Phone No.			
	E-mail			
Saurashtra and Kutch	Name			
	Contact Person			
	Phone No.			
	E-mail			
South Gujarat	Name			
	Contact Person			
	Phone No.			
	E-mail			
Central Gujarat	Name			
	Contact Person			
	Phone No.			
	E-mail			

Bidders have to provide the above details for each region .

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

**Annexure - XVII
DECLARATION****On****Manufacturing facilities / After Sales Service****Tender enquiry No.** _____

For supply of _____

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
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_____

Name of tenderer_____

Address_____

Annexure –XVIII**Price Bid Format**

SI No.	Name of the Item	HSN Code	Basic Unit Rate (Rs.)	Applicable GST %	Total Unit Cost in Figures	Total Unit Cost In Word
1	Itemized scope of work		250	12	300	