GOVERNMENT OF BIHAR
DEPARTMENT OF ANIMAL & FISHERIES RESOURCES
DIRECTORATE OF ANIMAL HUSBANDRY, BIHAR, PATNA

REQUEST FOR PROPOSAL (RFP)

"INVITATION OF TENDER FOR FABRICATION ON 9 NOS.* OF FORCE TRAVELER (13+D) SHELL BASE VEHICLES OF 3350MM WHEEL BASE TO CONVERT INTO AIR CONDITIONED ANIMAL AMBULANCE"

Sealed tenders (RFP) are invited (for selection of firms and rate fixation) under Two-bid system from reputed Manufactures/ Authorized distributors/ Authorized agencies/ Authorized representatives in conformity with details contained in tender documents for "FOR FABRICATION ON 9 NOS.* OF FORCE TRAVELER (13+D) SHELL BASE VEHICLES OF 3350MM WHEEL BASE TO CONVERT INTO AIR CONDITIONED ANIMAL AMBULANCE"

IMPORTANT INFORMATION ABOUT THE RFP

<table>
<thead>
<tr>
<th>EMD</th>
<th>An EMD of Rs.1,25,000/- by way of bank Draft/ Bank Guarantee drawn in favour of Director, Animal Husbandry, Bihar.</th>
</tr>
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<tbody>
<tr>
<td>Last date for submission of Bids</td>
<td>Upto 14.00 hrs on 07-02-2019, Animal Husbandry Directorate, New Secretariat, Vikas Bhawan, Patna, 800015, Bihar (India).</td>
</tr>
<tr>
<td>Opening of General Cum Technical Bids</td>
<td>16:00 hrs on 07-02-2019, Animal Husbandry Directorate, New Secretariat, Vikas Bhawan, Patna, 800015, Bihar (India).</td>
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* The number of vehicles for fabrication may be increased as per the availability of funds and/or sanction of new scheme.

The detailed tender notice and tender document containing technical bid form, financial bid form, technical description/specification and terms & conditions can be downloaded from official website of the Department: www.ahd.bih.nic.in.

The authority reserves the right to reject/cancel any or all the tenders received without assigning any reason thereof.

Any legal dispute is subject of Patna jurisdiction only.

Any future clarification and/or corrigendum(s) shall be communicated through Director, Animal Husbandry, Bihar, Patna on the departmental website: www.ahd.bih.nic.in.

Director, Animal Husbandry
Bihar, Patna.
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A. Tender Guidelines

1. Definitions

- **PO** - Purchase Order
- **EMD** - Earnest Money Deposit
- **DD** - Demand Draft
- **BG** - Bank Guarantee
- **BC** - Banker's Cheque
- **Purchaser** - Department of Animal and Fish Resources, Animal Husbandry Directorate, Bihar
- **Tenderer** - Bidders who have submitted Valid Tender Document
- **Supplier** - Successful Bidder(s), to whom, the tender quantity is distributed
- **Sample** - One Piece Manufactured by Bidder
- **OEM** - Original Equipment Manufacturer
- **Bidder** - OEM or Authorized Trading partner such as dealers/distributors
- **ABS** - Actronitrite Butadiene Sykrene

2. The entire document should be properly page numbered, signed and should have appropriate and relevant contents.

3. Tender Fee, EMD and Supporting Documents must be physically submitted, signed by proper authority on each page of the Tender documents and the Annexures therein, to Director, Animal Husbandry, Bihar

4. Tenders not satisfying the procedure prescribed in the tender document will be treated as invalid and rejected summarily. Further, the Director, Animal Husbandry, Bihar reserves the right to accept or reject the lowest or all offers without assigning any reason thereof.
B. PROCEDURE FOR SUBMITTING TENDER DOCUMENT

1. There shall be two bid system - (i) Technical-bid and (ii) Financial-bid.
2. The Tenderer should invariably submit his tender in tow sealed covers separately namely (i) Technical-bid and (ii) Financial-bid. Above two envelopes are again put in single envelope super scribed with the tender no.
3. Tender Documents together with terms and conditions and Tender form can be downloaded from the official web-site of the Department i.e. www.ahd.bih.nic.in.

4. EMD Cover

4.1 EMD Rs. 1,25,000/- should be submitted in the form of Bank Draft/ Bank Guarantee of any commercial bank in favour of "Director, Animal Husbandry, Bihar" payable at Patna and will be placed in cover-1 with technical bid. The DD/BG should be issued by bank after the date of advertisement of tender enquiry.

4.2 B.G. should be valid up to 6 month from the date of issuance. E.M.D. in any other form will not be accepted.

4.3 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.

4.4 Non-payment of the EMD will make the tenderer liable for disqualifications.

4.5 Those Tenderers who are exempted for payment of EMD must enclose necessary documents like SSI Registration [of Bihar State] for item under tender enquiry.

4.6 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 EMD and required Documents with Tender as per Annexure XIII.
   II. All vendors are requested to strictly submit the documents in sequence as per preliminary evaluation criteria.

Eligibility Criteria:

i. India based reputed Vehicle Manufacturers and body builders for Ambulances, Mobile Medical Units, Mobile Health Units, Fire Fighters Fabricators are eligible to participate in the tender. Performance statement as per Annexure-VIII is to be submitted in this regard.

ii. Only vendors who have turnover of at least Rs. 2.00 Crore per year, during the last three financial years are eligible to participate in the tender, exclusively from fabrication in 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 Animal Ambulances, with ABS THERMOFORMING interiors are eligible to participate in the tender.

iv. Vehicle manufacturers capable of supplying fully built ambulance as per specifications will be eligible to participate in tender.

v. Only one bid will be accepted from a Group of companies and entities.

vi. DIRECTOR, ANIMAL HUSBANDRY, BIHAR reserves the right to approve the design/layout and to carry out changes in fabrication during the fabrication of whole supply of tender quantity.

b. Technical Evaluation:

(i) Technical evaluation of the supplied vehicles tendered will be done by a Technical Committee constituted under the Chairmanship of DIRECTOR, ANIMAL HUSBANDRY, BIHAR and Govt. of Bihar.

(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.

(v) The equipments to be installed will be evaluated and approved, by the committee (Brand, Quality, performance etc.) before the bulk supply.

(vi) 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.

(vii) All successful bidders have to furnish a PBG for 10% of PO value failing which the EMD shall be forfeited.
The legible and certified copies of the following Technical supporting documents must be submitted as mentioned in Annexure XIII.


ii) Copy of the Partnership deed (if manufacturer) / Memorandum of Articles (whichever is applicable).

iii) GST registration copy.

iv) Permanent Account number (PAN) copy.

v) Year wise production and sales for quoted product for last three years preceding opening of technical bid.

vi) All photocopies are required in self-attestation mode except Annexure XIV which needs to be attested by First Class Magistrate / Notary public.

vii) Affidavit in ORIGINAL on Non-Judicial Stamp Paper of Rs.100/-duly attested by First Class Magistrate / Notary public. Annexure-XIV

viii) Entire Tender Document with annexure duly signed & stamped.

ix) Empanelment form giving all financial / market / statutory details about firm / company (Annexure IX).

x) 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. 2.00 Crore / Annum.

DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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 DIRECTOR, ANIMAL HUSBANDRY, BIHAR and prohibited from participating in any of future tenders for a period of 10 years. DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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. Financial-bid evaluation

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

Financial-bid:

The tenderer should quote the price in separate sheet as per Annexure-XII. The total price offered for tender must be mentioned must include per unit basic fabrication price inclusive of all applicable taxes and any other charges including transportation cost.

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 Fabrication of Animal Ambulance**

(a) Animal Ambulance Fabrication work: Annexure -II

(b) Layout - Diagrams - Annexure III

(c) Workmanship Criteria for acceptance: Annexure -IV

(d) Equipment's to be supplied and installed: Annexure-V

(e) 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.

(f) The E.M.D. / Security Deposit shall be liable to get forfeited 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 DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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.

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

(h) 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.

(i) 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.
(j) The tenders will be opened on the date, time specified in tender notice. In the first instance, only "Technical bid" will be opened on the date of opening the tender and taken into consideration for finalization. Subsequently, the "Financial bid" will be opened only for those tenderers whose quotations satisfy the technical requirement of the indentor and are otherwise acceptable.

(k) The tender is liable for rejection due to any of the reasons mentioned below:

i) Non-Submission of tender within stipulated time.

ii) Tender is unsigned OR not initialed on each page or with unauthenticated corrections.

iii) Submission of tender documents in unsealed envelope.

iv) 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.

v) Non-payment of Earnest Money Deposit {if not exempted.}

vi) Non-submission of required documents as shown at Eligibility criteria section.

vii) Conditional and / or vague offers

viii) Unsatisfactory past performance of the tenderer.

ix) Rates have been shown elsewhere than Financial bid.

x) Items with major changes / deviations in the specifications / standard / grade / packing / quality are offered in Technical bid.

xi) Submission of misleading / contradictory / false statement or information and fabricated / invalid documents.

xii) Tenders not filled up properly.

xiii) Non-submission of Turnover Certificate.

xiv) Non submission of documents mentioned in List of Annexures wherever applicable.

D. TERMS OF SUPPLY

1. Price:

i) The final price quoted in the financial bid should be inclusive of FABRICATION COST along with All the Equipments mentioned in tender document. The price offered in the tender should be as per the FINANCIAL BID format consisting of all costs, duties and taxes applicable, including transit insurance for collection from DIRECTOR, ANIMAL HUSBANDRY, BIHAR /OEM Ware House and to delivery at Patna or any other location as specified by DIRECTOR, ANIMAL HUSBANDRY, BIHAR.

ii) The Transportation cost for collection from Patna 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. DIRECTOR, ANIMAL HUSBANDRY, BIHAR may claim back the Input Tax Credit wherever permissible.

iv) Items provided by OEM, but not required by DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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) DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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.

2. Warranty:

A) The manufacturer should provide onsite warranty of minimum 1 year or as per OEM whichever is higher from the BP.O completion date, against any defect in fabrication, electrical wiring and equipment's used like; Siren, Amplifier, LED tube light, Inverter & supplied equipment etc, provided in the fabrication of the ambulance.

B) The inverter supplied with fabrication (of reputed company, 1050 VA sine wave as a process of standardization in all our ambulances).

C) Fabrication will be covered under unconditional on-site warranty for a period of one year and Vender has to attend defects within a week from the date of intimation. If vendor 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 C above is applicable for all the rectification and repair work. If the defect is not attended within week 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 DIRECTOR, ANIMAL HUSBANDRY, BIHAR is not liable to return the defective material.

In case vendor desire to call vehicle at his workshop during the tenure of onsite warranty for repair, then the vendor has to bear all the transportation cost, if transportation done by DIRECTOR, ANIMAL HUSBANDRY, BIHAR, the charges towards the same @ Rs 10.00 per km (distance of location to workshop to and fro charges) and also the time restriction vide para 2 C above will be applicable.

3. DIRECTOR, ANIMAL HUSBANDRY, BIHAR neither recommends any third party vendor for fabrication, equipments and any other work related to this project and DIRECTOR, ANIMAL HUSBANDRY, BIHAR is not responsible for any technical and/or commercial disputes between Third Party and Tenderer.

4. Delivery / Supply schedule: The successful Tenderer has to supply all fabricated vehicles (including Prototype) as per below;

<table>
<thead>
<tr>
<th>Batch</th>
<th>Number of Vehicles</th>
<th>Delivery Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9 (Nine)</td>
<td>Fabricated Vehicle to be delivered at DIRECTOR, ANIMAL HUSBANDRY, BIHAR within 40 (forty) days from the date of receipt of base vehicle.</td>
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Delay in supply of base vehicle will be considered as non-penalty time for fabricators.
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, DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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:**
   7.1 DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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. for delayed supply will be charged within a ceiling of 10% of PO value.

   A. Penalty for Rs 1000/- per Vehicle per day Up to 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 DIRECTOR, ANIMAL HUSBANDRY, BIHAR.

7.2 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.

7.3 **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.

8. **The base vehicle if procured separately by DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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 DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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 DIRECTOR, ANIMAL HUSBANDRY, BIHAR.

9. 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.

10. **Stage inspection and Pre-Delivery Inspection:** Stage wise inspection will be carried out by DIRECTOR, ANIMAL HUSBANDRY, BIHAR and after final inspection at works of the vendor vehicles will be delivered to DIRECTOR, ANIMAL HUSBANDRY, BIHAR.

11. **Payment terms:** Payment will be made after the delivery, inspection, acceptance of fabricated vehicle and submission of invoice. 10% payment will be released only on receipt of Performance Security Deposit as per clause no. 12.
12. Performance Security Deposit:
The successful bidder, shall be required to submit **Performance Security Deposit of 10% of the order value** in the form of Demand Draft/Fixed Deposit/Performance Bank Guarantee in favor of "DIRECTOR, ANIMAL HUSBANDRY, BIHAR, Bihar", payable at Patna 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 en-cashed & the amount forfeited.

13. Liability of DIRECTOR, ANIMAL HUSBANDRY, BIHAR: As the payment against the supplies under this agreement will be made by DIRECTOR, ANIMAL HUSBANDRY, BIHAR on behalf of and upon release of funds from State Government, It is expressly understood and agreed by, between the SUPPLIER and the DIRECTOR, ANIMAL HUSBANDRY, BIHAR that the DIRECTOR, ANIMAL HUSBANDRY, BIHAR is entering into this Agreement solely on behalf of respective State Government. In particular, it is expressly understood and agreed that though the State Government / 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 State Government. The SUPPLIER expressly agrees, acknowledges and understands that the DIRECTOR, ANIMAL HUSBANDRY, BIHAR is not responsible for any delays in the release of funds from State Governments for what so ever reason it may be and shall not hold DIRECTOR, ANIMAL HUSBANDRY, BIHAR responsible for delayed payments and DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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 DIRECTOR, ANIMAL HUSBANDRY, BIHAR arising out of this Agreement and not to sue DIRECTOR, ANIMAL HUSBANDRY, BIHAR for any reason, as to any manner, claim, cause of action or thing whatsoever arising of or under this Agreement. However, DIRECTOR, ANIMAL HUSBANDRY, BIHAR will persuade with State Government to enable the timely payment to respective Supplier.

14. 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.

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

16. Power of Cancellation: DIRECTOR, ANIMAL HUSBANDRY, BIHAR 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. Ownership of tenders: All designs, drawing submitted remain property of DIRECTOR, ANIMAL HUSBANDRY, BIHAR.

18. 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.

19. 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.

20. 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.

21. Arbitration Clause: In case of any dispute, the decision of Principal Secretary/Secretary, Animal and Fisheries Resources Department, Bihar will be final and honored.

22. Termination:

22.1 DIRECTOR, ANIMAL HUSBANDRY, BIHAR reserves right to terminate this contract without cause by issuing 30 days prior notice to supplier.

22.2 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.
# Vehicle Specifications

## TECHNICAL SPECIFICATIONS FORCE TRAVELER (13+D) SHELL BASE VEHICLES OF 3350MM WHEEL BASE

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<th>AGGREGATE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ENGINE</td>
<td>2596 CC</td>
</tr>
<tr>
<td>1.01</td>
<td>Type</td>
<td>Diesel Engine</td>
</tr>
<tr>
<td>1.02</td>
<td>Turbo Charged</td>
<td>Turbo Charger with inter cooler</td>
</tr>
<tr>
<td>1.03</td>
<td>No of Cylinders</td>
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</tr>
<tr>
<td>1.04</td>
<td>Displacement</td>
<td>2000 to 4000 cc</td>
</tr>
<tr>
<td>1.05</td>
<td>Emission Norms</td>
<td>BS-4</td>
</tr>
<tr>
<td>1.06</td>
<td>Max. Net Engine Output</td>
<td>89HP @2800RPM</td>
</tr>
<tr>
<td>1.07</td>
<td>Fuel Tank Capacity</td>
<td>70 liters</td>
</tr>
</tbody>
</table>

### OVERALL BODY DIMENSIONS (mm)

<table>
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<tr>
<th>INDEX</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.01</td>
<td>Wheel Base 3350 mm</td>
</tr>
<tr>
<td>2.02</td>
<td>Overall Width 1950 mm</td>
</tr>
<tr>
<td>2.03</td>
<td>Overall Height 2415 mm</td>
</tr>
<tr>
<td>2.04</td>
<td>Ground Clearance-Laden Minimum 210 mm</td>
</tr>
<tr>
<td>2.05</td>
<td>Turning Radius LESS THAN 8 METERS</td>
</tr>
<tr>
<td>2.06</td>
<td>Body Type Monocoque / body on chassis</td>
</tr>
<tr>
<td>2.07</td>
<td>Patient cabin length Minimum 3000mm</td>
</tr>
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</table>

### ELECTRICALS

<table>
<thead>
<tr>
<th>INDEX</th>
<th>SPECIFICATIONS</th>
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<tbody>
<tr>
<td>3.01</td>
<td>Battery Single 12V, 100 AH, maintenance free with 18 + 18 months warranty from the date of sale.</td>
</tr>
<tr>
<td>3.02</td>
<td>Alternator Single Alternator of 90 - 105 Amps capacity</td>
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</table>

### STEERING

<table>
<thead>
<tr>
<th>INDEX</th>
<th>SPECIFICATIONS</th>
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<tbody>
<tr>
<td>4.01</td>
<td>Steering System Power Steering system only</td>
</tr>
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</table>

### TYRES

<table>
<thead>
<tr>
<th>INDEX</th>
<th>SPECIFICATIONS</th>
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</thead>
<tbody>
<tr>
<td>5.01</td>
<td>Tyres (Front) R15/215</td>
</tr>
<tr>
<td>5.02</td>
<td>Tyres (Rear) R15/215</td>
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### Brake system

<table>
<thead>
<tr>
<th>INDEX</th>
<th>SPECIFICATIONS</th>
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<tbody>
<tr>
<td>6.01</td>
<td>Type Hydraulic / Disc brake</td>
</tr>
<tr>
<td>6.02</td>
<td>Safety ABS system</td>
</tr>
</tbody>
</table>
ANNEXURE I

TENDER FORM
(For the fabrication of Animal Ambulance)

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:

<table>
<thead>
<tr>
<th>Description</th>
<th>No. Available</th>
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<tbody>
<tr>
<td>No. available</td>
<td></td>
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<tr>
<td>Sheet metal technicians</td>
<td></td>
</tr>
<tr>
<td>ABS THERMOFORMING work/ ABS</td>
<td></td>
</tr>
<tr>
<td>thermoforming technicians</td>
<td></td>
</tr>
<tr>
<td>Mechanical fitters</td>
<td></td>
</tr>
<tr>
<td>Welders</td>
<td></td>
</tr>
<tr>
<td>Electricians</td>
<td></td>
</tr>
<tr>
<td>Painters</td>
<td></td>
</tr>
<tr>
<td>Carpenters</td>
<td></td>
</tr>
<tr>
<td>Managerial staff</td>
<td></td>
</tr>
</tbody>
</table>

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.1,25,000/- In words (Rs. One Lac Twenty Five Thousand 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 II**

**Conversion of base vehicle into Animal Ambulance**

Note-The Bidder and Authorized Fabricator has to furnish the Form 22 part II (issued by the body fabricator) GA Drawing and Trade Certified

**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 1645 mm and height=910 mm. 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 600 mm to accommodate walk way of 300 mm between EMT seat to the stretcher head. The illustrated image is attached.

   **II.** Made of FR and MR grade 12 mm thickness plywood of IS: 15061-2002 approved automobile grade magnus/Greenply/Century or equivalent make clad with 01/02 mm ABS THERMOFORMING/0.8 mm SS sheets (SS-304). Appropriate wood free cabinet will be preferred subject to approval of DIRECTOR, ANIMAL HUSBANDRY, BIHAR.

   **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.** Working space/Table with Power socket should be provided over medical cabinets (detail is mention the layout) Small acrylic boxes for distinguishing injectable and vaccines to be provided in Left hand side storage.

   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 = 500 mm, height = 910 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 410 MM dia, maximum of 420 dia Depth minimum 165 MM maximum 170 mm with water tap (Brass with chrome plated) supplying water through Motorized Pump (12 V DC power operated ISI mark submersible, heavy duty) 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 in to pot when pressed.

   **v.** Fresh Water Tank and Drain Water Tank both made of 3 mm thick food grade plastic quality with inlet and outlet - one below the wash basin and the second behind the codriver seat both having 25 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.

vi. 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.

vii. Both the Tanks should be easily removable for any sort of Maintenance and Cleaning purpose.

viii. All the drawers should be 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.

ix. Two Concealed Portable Stainless Steel Dust Bins of size 8inch High X 8 inch dia. with spring loaded lids for waste disposal are provided under the wash basin.

x. Bidders needs to submit the material test certificate under FR and MR Grade plywood criteria and DIRECTOR, ANIMAL HUSBANDRY, BIHAR has rights to carry out destructive testing at vendor’s cost

xi. Velcro mounting to be provided to secure needle destroyer and manual BP apparatus over the right side of the wooden cabinet

2. Doctor’s Chairs, Squad bench and Lab Technician’s Chair.

i. Doctor’s Chair (2 Nos.) and a Lab Technician’s Chair (1 No. - Revolving) should be installed as per the diagram shown in Annexure.

ii. A foldable squad bench shall be installed along the left hand wall with folding legs for support (75mm wide hinges to be mounted towards Wall on suitable size of steel plate 4MM thick in fabrication)

iii. Squad bench to be made of FR and MR grade 19 mm plywood to carry 450 kg weight and mild steel frame to be painted with PU paint

iv. Dimensions of the bench: length = 1845 mm, width =500mm, height = 465mm.

v. Squad bench cushion should be minimum 30 mm thick or higher density 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.

vi. 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.

vii. Steel reinforcement of the squad bench to take direct load on structure rather than ABS THERMOFORMING panels.

viii. Back rest should be minimum 30 mm thick or higher density Foam cushion to be provided in concurrence with squad bench at the left side wall panel

3. Storage Compartment for equipments:

i. A door for the storage compartment to be cut and fabricated with Lock and key type locking on both sides.
ii. Storage 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. Suitable partition to be incorporated in compartment for storage of equipments.

4. 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 anti-rust 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 whole floor surface 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.

5. Wall paneling work Pilot and Patient Compartments:

a) Wall Paneling:

i) To be reinforced with steel rib cage and all Interiors, internal sides, cover to close the wheel hump and roof should be paneled in Fire Retardant ABS THERMOFORMING, minimum 4mm thick, Chopped Strand Mat/Isophelic Polyesters / Gel Coat (Naphtha / Saint Gobin or equivalent) with superior quality PU PAINT SWAN WHITE COLOUR in painting.

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 THERMOFORMING processing technology so as to match to the contour of the vehicle and looks aesthetically pleasing.

iii) Dual insulations - PUF / PU 12 mm insulation and thermo cool 40mm thick (Both in two layers) for reduction of heat and noise within the patient compartment, insulating material should be non-toxic, non-settling type, vermin proof, mild dew proof and non hygroscopic body and paneling.

iv) The minimum thickness at any point of the panels should not be less than 2 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.
v) 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.

vi) 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.

vii) 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

viii) 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

ix) Proper provision for maintenance of vehicles should be provided in ABS THERMOFORMING panels (e.g. taillight repair/ hinges and shock absorber removing and refitting).

x) 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.

xi) 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.

xii) 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.

b) Panel work Sliding Window: (For 9 Nos. Ambulances)

a. 3 nos. Sliding windows (1 nos. on each LHS and 2 RHS body panel) each with a dimension of approx 500 mm height by 1120 mm Width at a distance of 830mm approx height from the floor/level to the rear quarter glass.

b. Television of 32 inch (approx) should be installed at Front LH side (at canopy) with proper connection, fitment and insulation from inside of patient compartment area

c. Vendor would be required to cut & reinforce the LHS & RHS panel to fit new design sliding window, design & specification of window would be as per FML new designed sliding window for standardization or preapproved by DIRECTOR, ANIMAL HUSBANDRY, BIHAR Technical committee in case vendor self developed.

d. Glass frame edges should not have any sharp edges, and be properly reinforced.

e. Window glass beadings should be placed properly so that they are stuck to the edges properly and should not come out while in operation.

f. Window Glass (Horizontal) Mechanical Adjustment with inner locking knob.
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 660 mm from floor on the RHS.

II. The MS sheet/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.

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

General:

i) Gap between the ABS THERMOFORMING sheet and the vehicle body shell should be stuffed with (50mm thick) sand with 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 and 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 and scoop stretcher along RHS wall over Wheel hump.

vi) 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.

vii) One pouch with ABS THERMOFORMING (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.

viii) A small horizontal shelf made of ABS THERMOFORMING material capable of holding few registers should be provided above the sun visors.

6. Hat- racks and grab rails in the ceiling and near Rear Door:

a. Hat Racks:

i. Hatrack should be fabricated on both sides as per attached photograph & should be integrated with roof. Made in ABS THERMOFORMING and required reinforcement to be provided. It should spread from rear top side wall to the front end.
i. Inner surface is to be pasted with soft Heatlon sheet of 4mm thickness.

ii. 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.

iii. The doors of the hat rack should have adequate locking system of specified brand to avoid abnormal opening during operation.

iv. Rear portion should be closed and front should have about 80 mm high wall support provided so material should not fell down.

v. Dimensions : Length = 1800mm, Width = 350mm, Height = 270mm. To be integrated with roof above the Squat bench. Made in ABS THERMOFORMING (min 3mm thick) and required 32X4 MS reinforcement to be provided. Inner surface is to be pasted with soft Heatlon black color sheet of 4mm thickness.

vi. One Partition in centre of the head racks to be provided inside the head racks.

vii. Four ISI quality toughened glasses thickness 4mm to be provided with Aluminum black color sliding channel with velvet headings (1.5MM thickness and 40 mm width).

viii. Glasses to be fixed in opposite direction for opening and closing with aluminum handle cum clip type. (Automatic locking when closed)

ix. The Head rack should have suitable oval shaped closures to cover the opening which are easy/comfortable to operate and do not have any sharp edge at the openings

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.

7. Fire extinguisher hold:

- A proper heavy duty bracket support at rear LHS corner for placing a fire extinguisher should be provided approved by DIRECTOR, ANIMAL HUSBANDRY, BIHAR.

8. Water Dispenser:

- 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. Communication Window

A sliding access window between Driver’s Cabin and Patient Compartment should be provided at appropriate location for visual checks and voice communication between the cabin and patient compartment. This window shall be fitted with safety glasses complying with requirements of IS 2553, Part 2 and should be latchable from the patient cabin side and should be transparent and shall have adjustable opening.
10. Collapsible canopy:

A collapsible canopy manually operated to be installed on the LHS external sidewall. The installation area should be just below the roof and under the roof water channel. The material specification for the collapsible canopy is as mention below:

a) The frame of canopy will be of anodized aluminum bars.

b) The canopy material will be of Ferrari fabric or its equivalent approved by DIRECTOR, ANIMAL HUSBANDRY, BIHAR.

c) The canopy and the material used to be presented to DIRECTOR, ANIMAL HUSBANDRY, BIHAR technical team for pre-approval before installation. Decision of DIRECTOR, ANIMAL HUSBANDRY, BIHAR will be considered final.

d) The dimensions of the collapsible canopy will be L 12 Ft x W 08 Ft when in open condition.

Minor changes may be recommended by DIRECTOR, ANIMAL HUSBANDRY, BIHAR with the dimensions, material and installations specified. The selected bidder must obtain written approval from DIRECTOR, ANIMAL HUSBANDRY, BIHAR technical team before implementation of such changes recommended at later stage. No additional cost can be provisioned for such changes by the bidder.
Part B: Scope of Electrical Work:

11. Inverter:
   i. True sine wave 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.

12. General:

   - Provision for placement of power switches/ sockets/ fans/ air conditioner, telemedicine and for upgrading other electrical items shall be made available in paneled walls.
   - Provision for I.V hooks & holders 2 no. should be made on the front RHs wall and one at rear RHS wall with proper reinforcement and Velcro arrangement
   - Adequate provision for safeguarding oxygen regulator, flow meter and humidifier on the right side panel @ height of 1100mm finished floor of the patient cabin.
   - Six plug switch board with on/off switches of standard quality (230 V AC) (With Combination of 5 & 15 AMPS) to be made available on the RHS wall around Medical Equipment's console Area.(Refer drawing)
   - ONLY MULTI PURPOSE THREE PIN SOCKETS TO BE USED IN A/C CIRCUIT
   - Identification sticker for all electrical switches, medical equipments and racks etc. to be pasted.
13. **Electrical Wiring:**

I. All the main components like Internal Lightings (Led Lights), Medical Equipment's powering Sockets etc. should have separate circuits. Power drawn should be directly from source with proper cut off switch after Battery/Inverter and a Fuse in it.

II. A laminated copy of standard wiring colored diagram for AC and DC wiring separately should be provided with each ambulance for reference.

III. All precautionary measures should be taken in to consideration within the Scope of Auto Electrical work to avoid any accidental fire incidence during installation of any Electrical gadget, or any provision for that.

IV. There should be short-circuit as well as overload protection through fuses/Mini Circuit Breaker (MCB) for different segmented electrical installations and the fuse rating should be mentioned on each fuse as well as Three numbers of each fuse should be housed in the fuse box covered or at appropriate place.

V. All electrical and electronic components shall be selected to minimize electrical load thereby not exceeding the Vehicle’s generating system capacity. All electrical system components and wiring shall be readily Accessible Through access panels for checking and maintenance.

VI. All switches, indicators, and controls shall be located and installed in a manner that facilitates easy removal and servicing. All exterior housings of lamps, switches, electronic devices, connectors, and fixtures shall be corrosion resistant and weather proofed.

VII. All switches, connectors, end-wiring should be rated to carry out minimum 125% of their maximum amperé load. All wiring should confirm to ISI2645 specification.

VIII. The wiring shall be permanently color coded or marked the entire length of the wire for identification with easily read numbers and letters, or both, and routed in conduit. When cables are supplied by a Component manufacturer to interconnect system components, these cables need not be continuously Color coded/identified. They shall be coded/identified at the termination or interconnection points. All added wiring shall be located in accessible, enclosed, protected locations and kept at least 15 cm (6 inch.) Away from exhaust system components.

IX. Except for those on large wires, such as battery cables, terminals shall be machine crimped to the wiring. A ratchet type hand crimper may be used where it is not possible to use a large machine crimper. Battery cable terminals, component terminals and connectors exposed to the ambient shall be coated with Terminal corrosion preventive compound.

X. Electrical panels that are accessible to accidental contact shall have a protective cover, shield, and so forth, to prevent shorts that can result in injury, fire, or damage to the electrical system.

XI. Electrical wiring and components shall not terminate in the oxygen compartment except for the Oxygen controlled solenoid, compartment light, and switch plunger or trigger device. Wiring necessarily Passing through an oxygen compartment shall be routed in a metallic conduit.
14. Fuse and Other Safety Measures:

I. Battery main cut off switch to be provided without naked wires or mounting.
II. A separate Fuse to each of the (as mentioned above) circuits to be given.
III. There should be an Indicating sticker to be pasted to each fuse on the fuse Box to identify the Fuse separately.
IV. There should not be any joints within the Circuit Wiring.
V. At any unavoidable wiring junction(s) the wires should be joined through Bakelite Connectors.
VI. There should not be any loose wiring and loose joints.
VII. Other than vehicle wiring harnesses, all wires/harness used for should be (Flexi Cab, Finolex or equivalent make with fire retardant grade) All the wiring provided shall be copper with insulation having high temperature resistant.
VIII. All wiring (including groundings), devices, switches, outlets etc except circuit breakers shall be rated to carry at least 125% of the maximum ampere load.
IX. All splices and terminals provided shall comply with SAEJ163 standards.
X. All the electrical wires and accessories should carry ISI Mark, with CML Number and be approved by technical committee and should be of (ARAI/ISI) automobile standards.
XI. All other unspecified Parts necessary for the Wiring should be of Automobile grade and/or ISI Certified with CML Number.
XII. Same color code wires to be used for all ambulances for respective circuits.
XIII. All wiring harness should be covered with crocodile sleeves and should be routed properly.
XIV. Only electronic type relays to be used and to be concealed. (no relay or fuse box should be visible outside)
XV. Wiring necessarily passing through oxygen compartment should be protected from damage.
XVI. All the holes drilled for wire routing, holes edges to be covered with rubber sealing (Grommet) to prevent wire damage.
XVII. Rear door opening alarm has to be provided.
XVIII. External charging port of 230VAC to be provided at the rear side of the vehicle below the rear door and above the foot board for operating the AC points and charging the battery. A 10 mtr long wire with plug to be provided along with this for external connection.

15. Amplifier with Siren Unit:

I. An amplifier with Speaker and public address system of 40W shall be provided.
II. It should be of reputed registered light manufactures approved by DIRECTOR, ANIMAL HUSBANDRY, BIHAR Technical committee.

16. DC connections Socket:

i) Crabtree, 2 DC Sockets 12 V near Equipment area to be provided.
17. **Roof / Wall mounted fans:**
   a. Half Safety metal guard. Screw mounting. Oscillating, 200 mm fan blade, operated by DC 12V in (2 nos). In the Patient compartment
   b. Roof light to be fitted in pilot cabin.

18. **Air conditioning System:**

19. **Body Painting and Graphics:**
   - Ambulance to be supplied with whole body painting (PU) and exterior design as per design given by DIRECTOR, ANIMAL HUSBANDRY, BIHAR.
   - All vinyl / reflective stickers/ films of LG, 3M or equivalent to be used. Detailed drawing will be furnished.
Annexure III

Layout design for Fabrication work:

LAYOUT OF ANIMAL AMBULANCE REAR COMPARTMENT

- Refrigerated cool box
- Medical Cabinet
- Medical Cabinet
- Medical Cabinet
- Working Table
- Folded Doctor chair
- Lab Technician Seat - (Revolving)
- Folded Doctor Chair
- Wash Basin & Waste Bin
- Squad Bench
- Animal Stretcher
- Fire Extinguisher
Annexure-IV

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. MIG welding method has to be adopted where welding is done. Welding surface is sprayed with Zinc spray to avoid corrosion.
5. Body panels that are uneven, unsealed, or have voids.
6. 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.
7. Improper body design or interface with the chassis that could cause injury during normal use or maintenance.
8. Improperly fabricated and routed wiring or harnesses.
9. Improperly supported or secured hoses, wires, wiring harnesses, mechanical controls.
10. Loose, vibrating, abrading body parts, components, subassemblies, hoses, wiring harnesses or trim.
11. Interference with chassis components, body parts, doors, etc.
12. Leaks of any gas or fluid lines, (AC, coolant, oil, oxygen, etc.)
13. Abnormal Noise, panel vibrations, etc.
14. Sagging, non-form fitting upholstery or padding.
15. Incomplete or incorrect application of rust proofing.
16. Inappropriate or incorrect use of hardware, fasteners, components, or methods of construction.
17. Incomplete or improper welding, riveting.
19. Lack of uniformity and symmetry where applicable.
20. Test certificates should be obtained for the material procured particularly paints, electrical items.
21. Unsealed appurtenances or other body components, gaskets, etc.
22. 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.
23. 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 DIRECTOR, ANIMAL HUSBANDRY, BIHAR. 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 – V

List of Equipments to be supplied with EACH Fabricated Vehicle

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Equipments</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>IV stand</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Luminous Torch</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Irrigator Can</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Irrigator Tube</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Water jet container with foot operator</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Autoloader Collapsible Stretcher</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>Mouth gag</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>Refrigerated cool box (15-20 Litre capacity) - AC/DC operated</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>Television of 32 inch (approx) at Front Left window</td>
<td>1</td>
</tr>
</tbody>
</table>

---

**A. Auto Loader – Collapsible stretcher**

1. Made of aluminum alloy.
2. Collapsible. Wheeled to slide into the ambulance with ease without damaging the ambulance floor.
3. One person should be able to raise and lower it into an ambulance easily.
4. Top of the stretcher must have sufficient pores to allow the waste water to pass through and collect in the bottom tray.
5. Stretcher must have a tray for collection and discharge of waste water. Tray must have sufficient tapper to facilitate flow of water thru drain pipe.
6. IV fluid holding rod to go with the Stretcher
7. Levers to control front and hind legs to fold while loading the stretcher into the ambulance
8. Lever to lock & unlock the legs to prevent collapse of the stretcher while standing
9. The wheels should have 120 mm to 150 mm diameter with ball bearings to ensure smooth rolling and ensure maximum comfort to the patient.
10. Locks for the wheels
11. Straps 3 in number to restrain the patient
12. Fixing devices to secure the stretcher in place on the ambulance floor/platform not allowing side to side or vertical movements while on run. Centre lock as per DIRECTOR, ANIMAL HUSBANDRY, BIHAR, "s requirement is required.
13. Stretcher must have 3 hooks/clamps on Both LHS and RHS side with ropes of sufficient strength to restrain the wounded animal.
14. Net weight: 40 Kgs Gross Weight 50kgs
15. Bearing Pressure or maximum load not less than 159Kgs.
16. Product dimensions:
a. Length Minimum 125 to a maximum 200 cms;
b. Width minimum 76 to a maximum 80 cms; height 100 to 105 cms
17. Loading height should match the ambulance floor height.
18. Manufacturer should provide list of disinfectants and cleansing agents for clean and disinfection.
19. Stretcher should have front and back small sliding wheels.

B. Portable water container with Spray Jet
10 Liter Portable Water container with Foot operated pump for jet water discharge via 1 meter pipe should be provided.
ANNEXURE- VI

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 of .............. under tender reference no. .............. Dt ............. We shall strictly observe the laws against fraud and corruption in force in the country.

Sd/-

Signature of proprietor/Partner/Director
Designation: 

Seal:
ANNEXURE-VII 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

<table>
<thead>
<tr>
<th>Sl. no.</th>
<th>Name</th>
<th>Designation</th>
<th>Age</th>
<th>Residential Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12. Name of Govt. Departments/ Pvt. Institutions, as per enclosure to which the tenderer already supplied the items with quantity, value and supply period

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

[Signature]
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: ____________________________
### ANNEXURE-VIII

**PROFORMA FOR PERFORMANCE STATEMENT**

*(FOR A PERIOD OF LAST 3 YEARS)*

<table>
<thead>
<tr>
<th>Sl.</th>
<th>Name of the product</th>
<th>Year</th>
<th>Quantity supplied.</th>
<th>Value.</th>
<th>Name and full address of the purchaser</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature and seal of the Tenderer
ANNEXURE- IX

ANNUAL TURN OVER STATEMENT

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.

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Year</th>
<th>Turnover in Lakhs (Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total - Rs. __________________ Lakhs

Average turnover per annum - Rs. __________________ Lakhs

Concurrent Commitment

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Contract Ref.</th>
<th>Purchaser</th>
<th>Total Contract Value</th>
<th>outstanding Value</th>
<th>Estimated Delay in completion date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature and seal of the Tenderer
ANNEXURE X

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 XI
Supplier Information Form

1. Name of Organization: __________________________________________

2. Permanent Account Number (PAN): ____________________________ (Pls. enclose Copy)

3. Constitution (Please tick Mark (✓) : Proprietor HUF

Trust/Association Firm Private Ltd Company Public Ltd Company

4. Registered Address: __________________________________________

5. Correspondence Address: _____________________________________

6. Sales Tax Registration-GST: _________________________________

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 If any ____________________________

(Signature of Authorized Person)

[Signature]
### Annexure XII
Price Bid Format

<table>
<thead>
<tr>
<th>S/No</th>
<th>Item Particulars</th>
<th>HSN code</th>
<th>Basic Unit Cost (INR) - A</th>
<th>GST %</th>
<th>GST in Amount (Rs.) - B</th>
<th>Transportation Cost from OEM to Work shop and return to Directorate of Animal Husbandry, Bihar, Vikas Bhwan, Patna, per Unit - C</th>
<th>Total Unit Cost in Figures A+B+C</th>
<th>Total Unit Cost In Words</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fabrication of one unit of Animal Ambulance with Equipments.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature and seal of the Tenderer
<table>
<thead>
<tr>
<th>Sl No.</th>
<th>Document</th>
<th>Submitted (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tender Fee</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>EMD</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>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.&amp;D / MSME Part-II acknowledgment /SIS registration and Central Excise Registration /Udyog Aadhar acknowledgment of the Bidder or Principal manufacturer {whichever is applicable}.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Copy of the Partnership deed (if manufacturer) / Memorandum of Articles {whichever is applicable}.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>GST registration copy</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Permanent Account number(PAN) copy</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Year wise production and sales for quoted product for last three year preceding of opening of technical bid</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td><strong>Affidavit in ORIGINAL on Non-Judicial Stamp Paper of Rs. 100/-duly attested by First Class Magistrate / Notary public. Annexure-XI</strong></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Entire Tender Document with annexure duly signed &amp; stamped</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Empanelment form giving all financial / market / statutory details about firm / company (Annexure IX).</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>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. 2.00 Crore / Annum.</td>
<td></td>
</tr>
</tbody>
</table>
Annexure – XIV
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 I / 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.

[Signature]

[Signature]
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: __________________________
Place: __________________________

Stamp & Sign of the Tenderer