

INDIAN RED CROSS SOCIETY – TAMIL NADU STATE BRANCH

Tender Notification

Procurement of Mobile Medical Unit (MMU) Ambulances

Under CSR Initiative of REC Foundation

Tender Notice No.: IRCS-TN/MMU/2025/02

Sealed tenders are invited from reputed Original Equipment Manufacturers (OEMs), Authorized Dealers, and Fabricators for the Design, Fabrication, Supply, Testing, and Commissioning of Mobile Medical Unit (MMU) Ambulances for the Indian Red Cross Society – Tamil Nadu State Branch under CSR support of REC Foundation.

1. Project Background

The Indian Red Cross Society – Tamil Nadu State Branch (IRCS-TN), with CSR support from REC Foundation, intends to procure Mobile Medical Units (MMUs) to deliver essential healthcare services across underserved and remote communities in Tamil Nadu. The MMUs will function as mobile clinics providing outpatient care, basic diagnostics, emergency first aid, medicine dispensing, and public health activities.

2. Scope of Work

The selected bidder shall be responsible for:

1. Supply of new MMU vehicles (ambulance-type, BS-VI compliant).
 2. Complete fabrication of MMU interior including medical consultation space, pharmacy section, seating, storage, and electrical systems.
 3. Installation of medical equipment and auxiliary systems as per specifications.
 4. Testing, commissioning, and delivery to IRCS-TN at designated district locations.
 5. Providing all statutory documentation including registration, insurance, hypothecation, warranty certificates, and fitness approval.
 6. Demonstration, training, and handing over of manuals and service documentation.
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3. Technical Specifications of the Mobile Medical Unit (MMU)

3.1 Vehicle Specifications

1. OEM chassis, latest model, BS-VI compliant, with power steering.
 2. Engine power: Minimum 80 BHP.
 3. Transmission: 5 Forward + 1 Reverse, synchromesh type.
 4. Gross Vehicle Weight (GVW): Not less than 3900 kg.
 5. Wheelbase: Minimum 3350 mm.
 6. Working space after fabrication: Length 11' to 17'; minimum height 6 feet.
 7. Seating capacity: Minimum 7 persons (including driver and staff).
 8. Aerodynamic design suitable for rural operations.
 9. Dual air-conditioning system for driver cabin and patient cabin.
 10. Power backup system:
 - Inverter/UPS with minimum 1550 VA capacity.
 - Battery charging facility.
 - Power outlets for laptop, printer, and vaccine cold box.
 - Provision and power connection for one Wi-Fi camera inside the patient cabin.
 - Provision and power supply for biometric attendance device.
 11. Adequate LED lighting inside and outside the vehicle with backup for night camps.
 12. Marine-grade waterproof plywood flooring with anti-skid vinyl finishing.
 13. Wash basin with fresh water tank (minimum 20L) and waste water tank (minimum 20L).
 14. Safety accessories including two fire extinguishers, first aid box, PA system, siren, blue light, and bell.
 15. Wheelchair (1), revolving stools (2), doctor chair (1).
 16. Storage cabinets, medicine racks, and space for a vaccine cold box.
 17. One spare tyre (Stepney).
 18. Collapsible/foldable awnings on **both sides** for sun and rain protection.
 19. GPS tracking system with API-enabled desktop access.
 20. 24x7 roadside assistance support from OEM/insurer.
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4. Medical Equipment and Accessories

Each MMU shall be equipped with the following medical equipment (one set per vehicle):

1. Examination couch
2. Diagnostic set
3. BP apparatus
4. Glucometer
5. Pulse oximeter
6. Stethoscope
7. Wheelchair
8. Nebulizer
9. Folding stretcher
10. Oxygen cylinder with flow meter
11. Suction apparatus (manual/electric)
12. Digital thermometer
13. First aid box
14. Refrigerated cold box (vaccine compatible)
15. Emergency medicine kit
16. Weighing scale
17. Height measuring stand
18. Torch light
19. Biomedical waste disposal bins
20. Sharps container
21. IV stand
22. PPE kits
23. Fire extinguishers (2 nos.)
24. Portable fan
25. Collapsible privacy curtain

5. Fabrication Requirements

1. Patient cabin to be fully insulated, washable, and dustproof.
 2. All electrical wiring to be concealed, fire-retardant, and ISI-certified.
 3. Movable examination light with flexible arm.
 4. Cabinets must be laminated, lockable, and rigidly fixed.
 5. Anti-skid entrance steps with handrail.
 6. Rounded corners on all furniture for safety.
 7. Provision for wall-mounting of diagnostic equipment where required.
 8. Flooring capable of supporting heavy medical devices.
 9. Proper ventilation with an exhaust fan.
 10. Internal partitioning for doctor cabin and pharmacy area.
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6. Eligibility Criteria

1. OEM/Authorized Dealer/Fabricator with minimum 3 years' experience in ambulance or MMU fabrication.
 2. Must have supplied at least 10 MMU/ambulance vehicles in the last 3 years.
 3. Valid GST, PAN, and company registration certificates.
 4. Average annual turnover of minimum ₹1 crore over the last 3 financial years.
 5. The bidder must not be blacklisted by any Government, PSU, or CSR organisation.
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7. Submission of Tender

1. Tender must be submitted in a **Two-Bid System** (Technical Bid and Financial Bid).
 2. All pages must be signed and stamped by the authorized signatory.
 3. Tenders shall be submitted to:
The Secretary, Indian Red Cross Society – Tamil Nadu State Branch, Chennai
 4. Last date and time for submission: **24-11-2025 Before 3.30PM.**
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8. Bid Opening Process

1. Technical Bids will be opened first.
 2. Only technically qualified bidders will be considered for Financial Bid opening.
 3. The date and time of Financial Bid opening will be communicated to qualified bidders.
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9. Project Timelines

Time is the essence of the contract.

The bidder shall complete the work strictly within the timelines stipulated by IRCS-TN.

Any delay will attract penalties and liquidated damages as per the relevant clauses.

10. Payment Terms

- a) No advance payment shall be made.
- b) Payments will be subject to deduction of statutory taxes and any other liabilities.
- c) All payments shall be made in Indian Rupees (INR) only.
- d) 75% payment shall be released after delivery of all MMUs and submission of Performance Bank Guarantee and warranty certificates.

e) 15% payment shall be released after submission of acceptance reports.

f) Remaining 10% payment shall be made after submission of:

- Permanent Registration Certificate (RC)
 - Hypothecation in favour of REC Foundation
 - Comprehensive Insurance for 3 years
- g) Proof of delivery, acceptance report, PBG, and warranty documents must be submitted for payment processing.
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11. Performance Security (PBG)

1. The successful bidder shall furnish a Performance Bank Guarantee of 5% of the total contract value.
 2. The PBG must be valid for the warranty period + 2 months.
 3. PBG must be submitted within 10 days of issuance of LoA/contract.
 4. No payment will be released without submission of PBG.
 5. Failure to submit PBG may result in termination of the contract and forfeiture of EMD.
 6. IRCS-TN reserves the right to deduct compensation from the PBG for non-performance.
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12. Liquidated Damages (LD)

- a) LD shall be charged at 1% of the value of undelivered items/services per week, subject to a maximum of 10% of the total order value.
- b) LD may be recovered from any dues payable to the bidder.
- c) PBG/EMD will be forfeited in case of non-performance.
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13. Earnest Money Deposit (EMD)

1. EMD Amount: Rs.2,50,000/-.
 2. EMD must be submitted along with the Technical Bid.
 3. Bids without EMD will be rejected.
 4. EMD of the successful bidder shall be converted into Performance Security.
 5. EMD of unsuccessful bidders will be refunded as per IRCS-TN norms.
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14. General Terms and Conditions

1. Fabrication must strictly follow approved designs and specifications.
 2. No alteration shall be made without written approval of IRCS-TN.
 3. Training on operation and maintenance must be provided to MMU staff.
 4. All electrical and medical equipment must comply with BIS/ISI standards.
 5. Vehicle must be delivered with permanent registration, fitness certificate, and insurance.
 6. IRCS-TN reserves the right to reject any or all tenders without assigning any reason.
 7. Any dispute shall fall under the jurisdiction of Chennai courts.
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15. Contact Information

The General Secretary

Indian Red Cross Society – Tamil Nadu State Branch
No:30/52, Red Cross Building, Red Cross Road,
Egmore, Chennai – 600 008.
Phone: 8074810358
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