Notice Inviting Tender/Quotation

Sealed quotations/tenders are invited for the following work on the terms & conditions printed over leaf. Quotation should reach this office on or before 14.01.2017 by 5:00 P.M

Fabrication of ALS on Force Traveller Ambulance Model WB3350, BSIV

Specifications

i) The interior paneling of the Patient compartment including sidewalls, partition between Procedure cabin, driver's cabin, roof, door panels and all other surfaces in the patient compartment should be made from long life superior quality Non halogenated FRP of grade C-1196 HF as per NCD unless mentioned otherwise.

ii) The insulating material should be non-toxic, non-settling type, vermin proof, mild dew proof and non-hygroscopic. The Non halogenated FRP of grade C-1196HF as per NCD wherever used, should have the following Characteristics:

- Thickness - minimum 3.0 mm, Inbuilt colour, Fire retardant as per IS - 6746 of 1988 or latest equivalent as applicable.

iii) The fabrication & fittings of the specified equipments shall permit accessibility for servicing/replacement and adjustment of components/parts and accessories with minimum disturbance to other components and systems.

iv) The bidder shall ensure that sufficient reinforcement is provided to protect the components, assemblies, pipelines, tubing, wirings, etc which are susceptible to damage / hazards encountered during on-road operations of ambulance. Sufficient reinforcement for holding the wall mounted equipment securely while in transit should be present on the side walls.

v) Unobstructed access & full functionality of the fittings/equipment as required for optimal patient care must be ensured in this compartment.

vi) Adequate provision for storage of medicines/consumables/equipment should be made by providing lockable cabinets & drawers. These should be made from fire retardant material in sync with the internal look and feel.

vii) The drawers should be on guide ways and be provided with appropriate self-restraining mechanism to arrest the inadvertent opening of the unlocked drawers unless pulled while the vehicle is in motion.

viii) There should be at least 04 numbers of 230 V marked receptacles (each with a switch & a socket with combination of 5/15 AMPS) and one receptacles for 12V DC, of reputed make meeting IS1293 standards.

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ix) The sockets shall be made up of an industrial grade thermo set electrical insulation material; resist heat and fire. The sockets shall have tubular contacts to ensure larger area of contact with the pin.

x) The ring springs around the tubular contacts shall ensure uniform pressure and a firm unwavering multipoint contact. Socket shall have integrated shutters to prevent accidental contacts with live parts.

xi) The mountings shall be sturdy enough to handle wire/plug pressure and vibrations during transit.

xii) There should be short-circuit as well as overload protection through fuses/Mini-Circuit Breaking (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.

xiii) The electrical equipments and material indicated for connection to a wiring system rated 220 volts nominal 2 wires with ground shall incorporate a minimum 15 ampere circuit breaker which can be used as a master AC disconnect switch. The electrical fixtures should be flush mounted and should not protrude more than 50 mm. 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 weatherproofed. The AC wiring shall have stranded wire. All switches, connectors, end-wiring should be rated to carry out minimum 125% of their maximum ampere load. All wiring should confirm to IS-12645 specification. The wiring shall be permanently colour coded or marked the entire length of the wire for identification with easily read numbers and letters, or both, and routed in conduit. 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") away from exhaust system components.

**Air conditioning System**

- Air-conditioning system coupled with vehicle Engine with Automatic Digital Control panel with Temperature display in Driver/Patient Cabin.
- 8 Air Ducts in patient cabin to provide balance flow throughout the cabin.

**Electricals/Inverter:**

- There should be proper internal lights
- 220V AC 15 / 5 Amp Sockets – 3 Nos., 12 V DC Socket – 1 No.
- True sine wave Inverter of 800 VA capacity shall be provided with the additional 135 Ah battery placed inside the Driver’s cabin with provision to be charged from external AC power.
- Facility for charging from both 220 V AC & Vehicle alternator.
- Charging socket for Inverter from 220 V AC with 5 meters of charging lead.
- Two Fans 8" required.
- Digital Clock fixed in Patient cabin.
- Interior Spot Lights 12V DC – 03 Nos
- Patient Examination Light -01 No
- Electric Protection Circuit with heavy duty 12 V DC Cut off switch located near driver seat for easy accessibility.
- Rear Door Switch light to illuminate Patient Cabin light.
- Rear door open warning alarm in Driver cabin

**Emblems, Marking & Colour Scheme**

- Complete body exterior should be uniform white in colour.
- All external marking should be retro-reflective in nature and materials used for the same should meet or exceed the requirements of ASTM D 4956.
- Guidelines in regards to Emblems & Markings for Ambulances issued by the Government from time to time shall be applicable. However, the quality parameters of the markings indicated above shall remain constant.

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Terms and Conditions

1. Only typed quotations/tenders on original letter head will be entertained.

2. All entries in the tender should be mentioned clearly. No overwriting or cutting is permitted in the Quotation. In such cases, the Quotation shall be summarily be rejected.

3. Goods are required to be dispatched F.O.R. i.e. J.N.M.C. Hospital, A.M.U., Aligarh.

4. Goods will be supplied in the name of the Medical Superintendent, J.N. Medical College Hospital, Aligarh Muslim University, Aligarh-202 002.

5. The Hospital has the right to accept the rates of some or all the articles required.

6. The Hospital reserves the right to reject any or all the quotations without assigning any reason or to allot full or part of the supply to one or more firms.

7. Payment shall be made against bill.

8. In case goods are not according to specification, the cost of returning them shall be borne by the supplier.

9. The goods have to be supplied within 07 days from receipt of order of supply.

10. The period of validity of the rates offered may be specified.

11. The quotations containing uncalled for remarks are liable for rejection.

12. The firm registered with the Sales-Tax Authority should mention Sales-Tax Registration No. wherever applicable.

13. The discount/rebate admissible if any, may be quoted.

14. The rate of Sales-Tax including Surcharge alongwith concession admissible to Educational Institution/Hospital may be specified.

15. Please send the printed Price List of the manufacturer to verify the rates quoted by you/Authority letter of the manufacturer in case you are the authorised dealer of the manufacturer (authentic proof) alongwith your quotation/tender, otherwise the quotation/tender will not be considered and will be rejected forthwith.

16. Firm/Supplier must itself register in the Central Purchase Office, A.M.U., Aligarh or registered in any Govt. organisation and a certify copy of such Registration be enclosed.

17. Please attach/endorse brochure/manufacturing certificate/dealership certificate, full specifications catalogue/features etc.

18. Separate quotations for each item with standard specification is required.