



Rajasthan Medical Services Corporation Limited, Jaipur

Gandhi Block, Swasthya Bhawan, Tilak Marg, C-Scheme, Jaipur - 302005

Ph. No. 0141-2223887, Fax : 0141-2228065

E-mail : edepmrmsc-ri@nic.in

CIN:U24232RJ2011SGC035067

Website: www.rmsc.nic.in

No. F-8(58) RMSC/EPM/M-5/2017-18/NIB-246/ 5065

Dated: 11/10/17

CLARIFICATION/CORRIGENDUM/ADDENDUM

Subject: Amended Bid Conditions and Revised technical Specification of Bid document for THE SUPPLY FOR BLOOD COLLECTION AND TRANSPORTATION VAN under Short-Term NIB No. F-8(58) RMSC/EPM/M-5/2017-18/NIB-246/ 3220 Date: 01.08.2017

In Reference to above cited subject , the Qualification Criteria Clause 2- Contractual Experience in the bid NIB-246 are here by amended as below:-

Revised Contractual Experience

"The bidder shall be a Fabricator who must have fabricated and supplied and installed satisfactorily **4 Mobile Medical Unit/Ambulances** with equipment to Govt./Govt. Enterprises and private parties/third parties, if that work is done for any Govt. approved contract, in India last three financial years (2013-14, 2014-15, 2015-16). The list of such installation of the quoted equipment may be asked from the bidder in verification of Annexure information and he should submit self attested copy of Purchase Order, Indent and Invoice (Inclusive of Quantity & Rate). Bidder should have technological expertise and modern machinery/equipments for the fabrication of Mobile Medical Unit/Ambulances with equipment. The bidder shall submit **minimum One purchase orders** of Govt./Govt. Enterprises fabrication of similar nature of vehicles in past three years.

The Section II- Bid Data Sheet (BDS) Clause 2.2 in the bid NIB-246 is here by amended as below:-

"Joint Venture will be allowed" Eligibility of bidder (1) A bidder may be a natural person, private entity, government-owned entity or, where permitted in the bidding documents, any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a Joint Venture. In the case of a Joint Venture: - (a) all parties to the Joint Venture shall sign the bid and they shall be jointly and severally liable; and (b) a Joint Venture shall nominate a representative who shall have the authority to conduct all business for and on behalf of any or all the parties of the Joint Venture during the bidding process. In the event the bid of Joint Venture is accepted, either they shall form a registered Joint Venture company/firm or otherwise all the parties to Joint Venture shall sign the Agreement. (2) A bidder should not have a conflict of interest in the procurement in question as stated in rule 81 and the bidding documents. The procuring entity shall take appropriate actions against the bidder in accordance with section 11 and Chapter IV of the Act, if it determines that a conflict of interest has flawed the integrity of any procurement process. All bidders found to have a conflict of interest shall be disqualified. (3) A bidder debarred under section 46 shall not be eligible to participate in any procurement process undertaken by, - (a) any procuring entity, if debarred by the State Government; and (b) a procuring entity if debarred by such procuring entity. (4) In case of procurement of goods, bidder must be a manufacturer, distributor or bona-fide dealer in the goods and it shall furnish necessary proof for the same in the specified format. Where applicable, proof of authorisation by the manufacturer or country distributor in India, shall be enclosed.

2/12

Technical Specifications of Blood Collection & Transportation Van are here by amended as below:-

Revised Technical Specifications of Blood Collection & Transportation Van

Technical specification for supply of chassis, body fabrication, A.C. & fitment/installation of equipment for Blood Collection & Transportation van:

1. Blood Collection and Transportation Van (BCTV) need to be specially designed vehicle for specific provision of blood donation, collection and proper Blood transportation, BCTV needs to be equipped with all medical equipment as listed required to conduct / support voluntary blood donation in mobile camps.
2. The Vehicle should be Bus chassis built and rear wheel drive, should be latest model and twin tier on rear axle.
3. Vehicle chassis model should be of standard chassis manufacturer & engine & gear box of reputed make & capacity & should be suitable for complete Blood Collection & Transportation Vehicle & also confirm to pollution norm BS IV specifications fitted with power steering. Vehicle engine's (Diesel) power should not less than 100 BHP & gear box should have synchromesh gears (5 forward gears minimum). The vehicle should have aerodynamic design for better operation.
4. Vehicle should have two suitable air conditioning systems. One Split Air Conditioning System (make-Hitachi/Daikin/Mitsubishi/O-General) operable on alternating current 230 volt supply from external electricity. Second AC should be operable by vehicle engine while travelling (Make-carrier / Subros / Spheros) including driver cabin. Air Conditioning should maintain the temperature suitable for Blood Collection & Transportation Vehicle & insulation material (thermocool/PU) should be used of FR grade & good quality density as per ISI norms. Air Conditioner should be properly placed in Blood Collection & Transportation Vehicle so that complete vehicle maintains the uniform temperature i.e. $22^{\circ} \pm 3^{\circ}\text{C}$. Luvers have to be provided as per requirement.
5. Vehicle wheel base should not be less than 3600mm so that after fabrication work, the working space in saloon should be available to accommodate two Blood donor couch, one Blood Bank Refrigerator, registration counter with two SS top revolving stool for donor, two ward robs for storage purpose, full width seat at rear side without hand rest along with dickey for storage of goods open-able outside from back with lock. Two high back donor waiting seat. Floor to roof saloon clear height should not be less than 75 inches.
6. Blood Collection & Transportation van should have enough space for all equipments/gadgets installed in the vehicle & necessary platform to be provided for installation-fixing of equipments & movement of donor & staff.
7. All structures to be fabricated with proper size of M.S. sheet, Angles, Channel etc. Outer panelling of the body should be of galvanized MS steel sheet with minimum joints. Suitable insulation to be provided between outer & inner panel & roof flooring should be done by BWR/Marine grade chequer plywood with vinyl flooring, vinyl flooring should be of good quality & not damaged/ deteriorated by sodium hypochlorite solution. Fabrication work should be of standard quality & with proper finishing. All equipments to be fixed properly. Body of the vehicle to be fabricated by tubular structure with combination of 40X40 or 60X40mm & confirm to IS & floor's cross bearers should be of minimum channel size 75X40mm & outer skirt paneling should be done with 16 SWG aluminium sheet & stretch panel of 20" approx. 1mm GP sheet. Interior with ABS as per ISI specification. Good quality Vinyl flooring to be done (1.6mm size) on 16mm BWR/Marine grade chequer plywood floor. Provide air exhaust system (vents) for proper air circulation.

8. Partition between driver & passenger saloon with suitable size gate. One separate door of adequate size is to be provided at LH Side in saloon for removal/fixation of donor couch etc. Doors should be provided, having good quality heavy duty hinges.
9. Main door has to be provided in LH side in front.
10. Rear Emergency exit at suitable place to be provided.
11. Suitable size of fix windows are to be provided with toughened TATA-Green tinted glasses with mazda bend.
12. Conductor side door should be deluxe type with suitable sizes step well for easy boarding.
13. The Stairs should be fitted with anti skid vinyl sheet and Handles should be insulated by PVC for left hand side conductor door.
14. Floor should be 15mm BRW chequer ply as per ISI specification with anti skid 1.6 mm vinyl flooring.
15. Front wide shield glass should not less than 5.5 mm approx laminated (single piece) & glass for windows of 5.00 mm size ISI specification toughened. Single wind screen glass with aerodynamic design and ORVM Mirrors in front side should be provided. Fog lamps should be provided. Blinds are to be provided.
16. Complete vehicle should be dust, waterproof & there should be no leakage & anti corrosion treatment is to be provided & best quality paint is to be used.
17. Good quality of switch board, switches are to be provided. Additional wire loom (at least 30 mtrs) to be provided for use of external electricity. Electrical system should be capable to bear the load capacity of all equipments. Electrical system should have 12V battery & suitable capacity alternator for vehicle requirement. A control panel with MCCB, changeover switch is to be provided for electric system for direct supply. Lights should provide better visibility & electrical fittings should confirm to IS standards. A suitable inverter system to be provided with separate battery of suitable capacity according to equipment load and electric wiring Diagram. One fridge (Make-LG/Voltas/Samsung) of 60-90 L capacity to be provided.
18. Sockets for 230 Volt AC and 12V system should be provided at suitable location.
19. Vehicle has to be registered in the name of Director RCH-NHM by the bidder.
20. Firm should provide fans 6 nos., siren, LED TV 42" (Make-Philips/Samsung/Sony), LED lights (Bajaj/Philips/Havells), roof lights as per requirement, music system and public address system (Combo type- Ahuja/Sony), Digital wall clock, Dustbin, fire extinguisher 02 nos. (5 Kg each ABC type), first aid box.
21. Fabrication work will be checked by a committee during the fabrication work twice. Modification in arrangement of equipments installation will be allowed by the Technical Committee. Equipments to be installed properly so that no damage occurs during the travelling.
22. The tenderer shall provide the branding / stickering as per approved design provided by department.
23. Tyres, Battery & Chasis more than six months old will not be accepted (at the time of delivery).
24. The Stepney/ Spare wheel should be kept in easy access.
25. Tool box for storage of jack, wheel spanner and rod etc at suitable location.
26. Fast Nuts used should be of high tension grade with Zinc phosphating.
27. Equipment in the BCTV has to fitted as per Technical Committee recommendation.

Terms & Conditions:

1. Firm will submit the literature / leaf lets brochures of models of the manufacturer, which they have quote their offers.
2. Inspection : During fabrication, inspection will be done at 2 stages by a committee -
 - (1) Structure & stretch panel
 - (2) Final inspection along with equipment validation.
 and at final stage shower test has to be conducted for any leakage.
3. Sample: Lowest bidder has to supply first vehicle as sample for approval & if required by a committee, suitable changes may be allowed.

202

4. All welding joints should be of mig welded. Length of welding should be not less than 25mm at equal pitch.
5. Wherever painting is required is PU paint of good quality has to be used for example Asian paint, SD or equivalent.
6. Stickers approximately 100sq. feet as per the requirement and direction of department has to be done by the bidder.
7. Proper Demonstration and Training to users is must.
8. User Manuals of all the equipments should be provided.

The Blood Collection and Transportation van must be equipped with following items as per specifications:

Sr. No.	Name of the Equipment	Required Qty.
1	Blood Collection Monitor	2
2	Blood Donor Couch fix type- Non Motorised by bidder	2
3	Blood Storage Refrigerator 100 Ltr. Or more (+2°C to +22°C) by bidder	1
4	Table top tube sealer with portable option	1
5	Tube Stripper	1
6	BP Apparatus (Aneroid type)	3
7	Weighing Scale for donors (Digital)	2
8	Oxygen Cylinders (B-Type) with Regulator, Humidifier & mask provision	1
9	temperature and humidity indicator (for cabin)	1

2. Blood Donor Couch fix type (Non-motorised)

Use	
Clinical Purpose	Blood Donor Couch is a fix type and specially designed to make blood withdrawals easier, safe and functional.
Technical Characteristics	
Technical Characteristics	<p>Construction: (Blood Donor Chair model without wheels only)</p> <ol style="list-style-type: none"> 1. Blood Donor Couch (BDC) are custom made for Mobile Blood Vehicle use and made from durable material / hardwood. 2. BDC have side entry to allow chair to be installed long ways, parallel to the wall of the vehicle. 3. BDC are fully manual for smooth shifting and setting for more than three positioning system with convenient manual handle to adjust for reclining and upright body position i.e. from Head-high/foot-low position to Head-low/foot-high combinations for blood donors safety, in case of any reaction. 4. BDC need to have manually adjustable, rotating and variable positioning swivel style arm rests with comfortably wide arm-pad which could swing outwards for comfortable position during regular blood donation sessions. 5. It needs to have back rest and leg rest size medically designed for donor comfort and also comfortable working level for assisting Technician.

	6. BDC is ergonomically designed comfortable chair, having sinuous spring system and polypropylene covered wire insulator followed by 1.75 - 2.0 density premium foam upholstered with Contract Grade Vinyl upholstery with antimicrobial/bacterial finish for durability to withstand extreme weather condition and Donors safety.
Physical Characteristics	
Dimensions (LxWxH) in cms	150-160 cms (L) X 50-60 cms (W) X 80-85 cms (H), Chair width with both arm rest 90-92 cms
Lifting Capacity	Minimum 150 Kg (Donor Weight)

3. Blood Storage Refrigerator 100 Ltr or more (Capacity:- 80-100 blood bags).

Use	
Clinical Purpose	Blood storage Refrigerator unit is portable and specially designed unit to keep blood bags safe by ensuring consistent temperature of +2°C to +22°C even during in-transit vehicle movement, extreme temperature fluctuations & weather conditions.

Technical Characteristics	
Technical Characteristics	<ol style="list-style-type: none"> 1. A refrigerator for storing blood bags in blood collection van. 2. Capacity: 100 liters or more (Capacity:- 80-100 blood bags). 3. Internal: Stainless steel of 22 SWG (Grade: S.S. V2 A- 1.4301) 4. External: Solid outer Corrosion Resistant of 1mm thick, 5. Blood Storage Basket : Blood Storage Basket allowing free circulation of air, having the size to be able accommodate at least 3 nos or more in the unit and suitable to match the net volume requirement. 6. Chest type with CFC free insulation 7. Door: Glass door, Automatic closing door below opening angle of 90 degree and opening angle of 110 degree, Used silicon insulation and gasket, Polyurethane insulation of 80mm thickness Door opening audio and visual display alarm 8. Temperature Range: +2°C to +22 deg C and adjustable with setting accuracy of $\pm 0.1^{\circ}\text{C}$ with set temperature of 4°C User parameter settings:- set point, high alarm point, low alarm point, buzzer off time, C/F temperature choice. 9. Compression type refrigeration, CFC free refrigerant gas, Force air circulation systems 10. Temperature Controller: Electronic temperature controller of range +2°C to +22°C with setting accuracy of $\pm 1^{\circ}\text{C}$, 11. Ambient Temperature: Performs in an ambient temperature of +10°C to +40°C 12. Temperature Monitoring: Digital temperature (LED) display with 0.1°C

	<p>graduation Microprocessor control temperature recording device with integrated audio visual temperature alarm function with digital monitoring display.</p> <p>13. Independent safety thermostat to avoid negative temperatures</p> <p>14. At least 2 temperatures sensors: Sensor for temperature monitoring shown on front display, sensor for managing use of compressor.</p> <p>15. Power Requirements: Power input to be 220-240VAC, 50Hz with 10 meter good quality electrical wire.</p>
Certifications	
Certificates	Testing certificate from NABL accredited Lab should be submitted in technical bid.

5. Tube Stripper:

Use	
Clinical Purpose	Tube Stripper is a hand held medical instrument used for stripping of blood bag tubes and used in blood donations.
Technical Characteristics	
Technical Characteristics	<p>1. Tube Stripper is a metallic hand held medical instrument for stripping of blood bag tubes after each blood donation.</p> <p>2. User should be able to adjust roller to match tubes with various diameter, if needed.</p> <p>Construction:</p> <p>1. Instrument's body material is metallic (Stainless Steel), Grip material to be of Plastisol.</p> <p>2. Instruments roller needs to be of Delrin AF.</p>
Certifications	
Certificates	Product should be CE certified.

7. Weighing scale for donors (Digital)

Technical Characteristics	
Technical Characteristics	Capacity 150 kg, graduation 500 gms. with calibration of 100 gms.
Certifications	
Certificates	Should be ISI marked / CE certified, model should be approved from legal metrology Dept., Govt. of India.

8. Oxygen Cylinders (B-Type) with Regulator, Humidifier & mask provision

B-type high pressure seamless cylinder for Medical Oxygen gas, cylinder are ISI marked conforming to IS:7285 part 2, certified by the Bureau of Indian standards (BIS) and approved by the chief controller of explosive (CCOE) Government of India.

Following equipment are available on rate contract of RMSCL. RMSCL will provide these equipments to respective firm and firm will install equipment in BCTV as advised by technical committee.

1. Blood collection monitor- 2
4. Table top tube sealer with portable option - 1
6. BP apparatus (Aneroid type)- 3

Note:

1. The bidder should submit technical compliance sheet as per technical specifications mentioning the make & model of quoted item along with catalogue for all the equipment in the Technical bid.
2. Documents related to CE/ European CE / USFDA / ISI etc (as applicable) for each equipment should be submitted in technical bid.
3. The bidder shall provide one year guarantee for whole ambulance unit including chassis, fabrication, air conditioning and equipments.

Work Schedule & Inspection (Blood Collection and Transportation Van)

Work order will be placed to the successful bidder by RMSC through registered post / Email/ any communication medium. The date of dispatch of latter or communication date will be treated as the order for calculating the period of supply. Starting from the date of placement of work order, the work schedule shall be as follows.

Intimation and approval of prototype	First 60 days
Intimation and approval of remaining vehicles	Next 60 day

Note:- If the prototype vehicle is supplied before 60 days then the remaining days will be credited for rest of vehicles but in any condition, total tome will not be more than 120 days.

Inspection will be done at 2 stages by technical committee.

- (i) 1st stage inspection: - Structure & stretch panel (first 30 days)
- (ii) Final Inspection along with equipment. (Remaining 30 days)

During inspection modification, alternation, and addition as suggested by T.C. has to corporate in BCTV. Equipment should be installed properly so that no damage occurs during the travelling. The bidder shall request in writing for approval of prototype. If technical committee takes more than 3 days in the inspection/approval, then this period shall be provided to bidder in addition, Shower test has to be conducted for any leakage for each vehicle.

- I. Bidders are requested to send with bid, printed descriptive literature of the quoted items.
- II. If Bidder supplied to or have rate contract of quoted item with any other Govt. institutions within one year, he may be asked to provide copies of purchase orders, invoices and rate contract.

Note: Please note that all above amendments/corrigendum in technical specifications/bid conditions is the integral part of the bid document. This corrigendum/ addendum should be signed and annexed with bid document.

All other terms and conditions of bid shall remain the same.

This bears the approval of M.D., RMSCL, Jaipur.

22
Executive Director (EPM)
RMSCL, Jaipur

Naugir

22

