



## Rajasthan Medical Services Corporation Ltd.

Gandhi Block, Swasthaya Bhawan, Tilak Marg, Jaipur

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

E-Mail: [rmsc@nic.in](mailto:rmsc@nic.in)



No. F-8(58)RMSC/EPM/M-3/17-18/NIB-314/ 3254

Dated:- 13.07.18

All Principal, Medical Colleges,  
All the Superintendent of Medical College & Attached Hospitals.  
Director (PH/HA/IEC/AIDS/RCH)

**Sub:- Approval/Purchase of Item, 'THE SUPPLY FOR BLOOD COLLECTION AND TRANSPORTATION VAN', for the Rate Contract and supply, Ending on 31.07.2020.**

Please find enclosed herewith approved firm and rates etc. in respect of Item 'THE SUPPLY FOR BLOOD COLLECTION AND TRANSPORTATION VAN', for the Rate Contract and supply, ending on 31.07.2020. The Rate Contract and its terms & conditions are also available on Rajasthan Medical Services Corporation Ltd., Website [www.rmsc.nic.in](http://www.rmsc.nic.in).

In reference to above Rate Contract F-8(58)RMSC/EPM/M-3/2017-18/NIB-314/..... Dated: ..... the supplier has executed the agreement with RMSC, as enclose here for your information & necessary action. This bears an approval of M.D., RMSCL, Jaipur.

13.7.2018  
Executive Director (EPM)

Rajasthan Medical Services Corporation  
Ltd, Jaipur

No. F-8(58)RMSC/EPM/M-3/17-18/NIB-314/

Dated:-

Copy forwarded to the following for information & necessary action:

1. PS to Hon'ble Health Minister, Medical & Health Deptt. Govt. of Rajasthan.
2. PS to PHS, Medical Health & FW Deptt. Rajasthan, Jaipur.
3. PA to Director, (PH)/(Aids)/(FW)/(RCH)/(IEC).
4. Project Director, NRHM.
5. Principal, Medical College, Ajmer, Bikaner, Jaipur, Jodhpur, Kota, Jhalawar & Udaipur.
6. Superintendent, SMS Hospital, Zanana Hospital, Mahila Chikitsalya, Mental Hospital, J.K. Lon Hospital, T.B & Chest Hospital, Jaipur.
7. Superintendent Associated Group of Hospital-Ajmer, M.G. Hospital, Jodhpur, Ummaid Hospital-Jodhpur, PBM Hospital-Bikaner, MBS Hospital-Kota & A.G. Hospital-Udaipur.
8. Director, Medical & Health Services (ESI), Mobile Surgical Unit, Raj. Jaipur.
9. Addl. Director, Medical & Health Services (PW)/(RH)/(Hospital Admn.)
10. Joint Director, Medical & Health Services, (Zone) Jaipur, Ajmer, Udaipur, Jodhpur, Bikaner, Kota & Bharatpur.
11. All Dy. CM&HO's.
12. AGM (IT), RMSC, Jaipur.
13. M/s Kamal Coach Works Pvt. Ltd., SP-282, RIICO Industrial Area, Phase II, Newai, Dist. Tonk, Email:-[info@kamalcoach.com](mailto:info@kamalcoach.com)
14. Guard file.

13.7.2018  
Executive Director (EPM)

Rajasthan Medical Services Corporation  
Ltd, Jaipur





# 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-rj@nic.in

CIN:U24232RJ2011SGC035067

Website: www.rmhc.health.rajasthan.gov.in

No. F-8(58)RMSC/EPM/M-3/17-18/NIB-314/3255 Dated:- 13-07-18

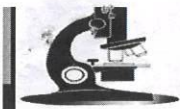
## Rate Contract

S.N.	Item	Detail
1.	Name of Equipment / Item	THE SUPPLY FOR BLOOD COLLECTION AND TRANSPORTATION VAN.
2.	Name & Address of Firm	M/s Kamal Coach Works Pvt. Ltd., SP-282, RIICO Industrial Area, Phase II, Newai, Dist. Tonk Email:-info@kamalcoach.com
3.	Brand/ Model / Make	Kamal
4.	HSN Code	
5.	Packing Unit	Each
6.	R/C No. & Validity	(R.C. No-504 ) valid up to 31.07.2020
7.	Net Rate Per packing Unit (Rs.)	2500000.00
8.	Taxes	GST As applicable
9.	RMSC Surcharges @ 5%	As applicable
10.	<u>Rates for Supply to RMSC from Suppliers</u>	
	I. New Basic Rate (In Rs.)	2500000.00
	II. IGST (In Rs.) 28 %	700000.00
	III. ) CGST @% (In Rs.)	0.00
	IV. SGST @% (In Rs.)	0.00
	V. Approved Rate For Supplier To RMSC {(i)+(ii)+(iii)+(iv) (In Rs.)	3200000.00
11.	<u>Rate For Supply to Consignee From RMSC</u>	
	I. New Basic Rate (In Rs.)	2500000.00
	II. RMSC Surcharge @ 5 % On (i) (In Rs.)	125000.00
	III. CGST@ 14% { On (i)+(ii)} (In Rs.)	367500.00
	IV. SGST@ 14% { On (i)+(ii)} (In Rs.)	367500.00
	V. Approved Rate For Consignee from RMSC {(i)+(ii)+(iii)+(iv) (In Rs.)	3360000.00



**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 (through Louvers) Air Conditioning should maintain the temperature suitable for Blood Collection & Transportation Vehicle & insulation material (thermocol /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.  $22^{\circ} \pm 3^{\circ}\text{C}$ . Louvers 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 panelling 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 to accommodate to removal/fixing donor couch and other heavy accessories via passenger door. Doors should be provided, having good quality heavy duty hinges.
9. Main door has to be provided in LH side in front.
10. Provision for emergency exit to be provided as per CMVR.
11. Suitable size of fix windows are to be provided with toughened Light -Green tinted glasses with mazda bend and curtains medical green colour for all glass.
12. Conductor side door should be deluxe (swing) type with suitable sizes step well for easy boarding.

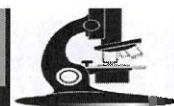


13. The Stairs should be fitted with anti skid vinyl sheet and Handles should be insulated by PVC for left hand side conductor door.
14. Floor should be 15mm BRW chequer ply as per ISI specification with anti skid 1.6 mm vinyl flooring.
15. Front wide shield glass should not less than 5.5 mm approx laminated (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. Sun visors has to be provided on front wind screen with lowering provision.
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.
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 32" (Make-Philips/Samsung/Sony) in sallon, LED lights (Bajaj/Philips/Havells), roof lights as per requirement, music system and public address system (Combo type- Ahuja/Sony) in driver cabin, 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.
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. Stickering 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 (Fully Automated)	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 (Fully Automated)****Use**

<b>Clinical Purpose</b>	Blood Donor Couch is a fix type and specially designed to make blood withdrawals easier, safe and functional.
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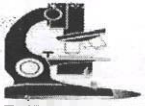
**Technical Characteristics of Fully Automated Deluxe Donor Couch**

<b>Technical Characteristics</b>	<ol style="list-style-type: none"> <li>It should have electrically operated functions operated by wire connected remote Control with single motor chair.</li> <li>Arm rest should have swing out as well as up and down movement along with arm rest height adjustment.</li> <li>It should be easily convertible in head down foot up position.</li> <li>Should have lifting capacity at least 350 Lbs / 150 kgs. (donor weight).</li> <li>The frame of the Recliner is constructed of High grade Steel duly epoxy powder-coated.</li> <li>The base is covered with smooth and elegant finish polymer molded which is rust-free, scratch resistant and easy to clean and should have wheels to move the couch.</li> <li>It should has a three sectional top duly covered with Elegant upholstered high density, max. Comfort Foam Padding.</li> <li>To have attached or detachable tray&amp; stands for keeping all blood collection associate accessories like - blood Collection Monitors Tray, BP. Apparatus Tray and Tray for other accessories and telescopic IV Stand</li> </ol>
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**Physical Characteristics**

<b>Dimensions (LxWxH) in cms</b>	150-160 cms (L) X 50-60 cms (W) X 80-85 cms (H), Chair width with both arm rest 90-92 cms
<b>Lifting Capacity</b>	Minimum 150 Kg (Donor Weight)

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



<b>Clinical Purpose</b>	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.
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**Technical Characteristics**

<b>Technical Characteristics</b>	<ol style="list-style-type: none"> <li>1. A refrigerator for storing blood bags in blood collection van.</li> <li>2. Capacity: 100 liters or more (Capacity:- 80-100 blood bags).</li> <li>3. Internal: Stainless steel of 22 SWG (Grade: S.S. V2 A- 1.4301)</li> <li>4. External: Solid outer Corrosion Resistant of 1mm thick,</li> <li>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.</li> <li>6. Chest type with CFC free insulation</li> <li>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</li> <li>8. Temperature Range: +2°C to +22 deg C and adjustable with setting accuracy of ±0.1°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.</li> <li>9. Compression type refrigeration, CFC free refrigerant gas, Force air circulation systems</li> <li>10. Temperature Controller: Electronic temperature controller of range +2°C to +22°C with setting accuracy of ±1°C,</li> <li>11. Ambient Temperature: Performs in an ambient temperature of +10°C to +40°C</li> <li>12. Temperature Monitoring: Digital temperature (LED) display with 0.1°C graduation Microprocessor control temperature recording device with integrated audio visual temperature alarm function with digital monitoring display.</li> <li>13. Independent safety thermostat to avoid negative temperatures</li> <li>14. At least 2 temperatures sensors: Sensor for temperature monitoring shown on front display, sensor for managing use of compressor.</li> <li>15. Power Requirements: Power input to be 220-240VAC, 50Hz with 10 meter good quality electrical wire.</li> </ol>
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**Certifications**

<b>Certificates</b>	Testing certificate from NABL accredited Lab should be submitted in technical bid (Optional).
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**5. Tube Stripper:**

**Use**

<b>Clinical Purpose</b>	Tube Stripper is a hand held medical instrument used for stripping of blood bag tubes and used in blood donations.
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**Technical Characteristics**

<b>Technical Characteristics</b>	<ol style="list-style-type: none"> <li>1. Tube Stripper is a metallic hand held medical instrument for stripping of blood bag tubes after each blood donation.</li> <li>2. User should be able to adjust roller to match tubes with various diameter, if needed.</li> </ol> <p><b>Construction:</b></p> <ol style="list-style-type: none"> <li>1. Instrument's body material is metallic (Stainless Steel), Grip material to be</li> </ol>
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- of Plastisol.  
2. Instruments roller needs to be of Delrin AF.

**Certifications**

**Certificates** Product should be CE certified.

**6. BP Apparatus (Aneroid type)**

**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

**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. Bidder shall provide one year guarantee for medical equipments and three guarantee year on ambulance fabrication work including air conditioning and guarantee on chassis as per OEM (Original equipment manufacturer).

**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	Inspection to be done at RMSCL HQ.
Intimation and approval of remaining vehicles	Next 60 day	Inspection to be done at RMSCL HQ.

**Note:- If the prototype vehicle is supplied before 45 days then the remaining days will be credited for rest of vehicles but in any condition, total time will not be more than 120 days.**

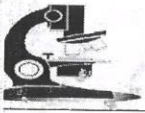
Inspection will be done at 2 stages by technical committee.

- (i) 1<sup>st</sup> 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

*[Handwritten Signature]*





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.

S.No.	Tender Specification	Amended Specification	
1.	The bidders shall have to submit a valid 'VAT' clearance certificate/affidavit from the concerned Commercial Taxes Officer and the 'PAN' issued by Income Tax Department & GST Registration Certificate.	The bidders shall have to submit a 'PAN' issued by Income Tax Department & GST Registration Certificate.	
<b>Additional Point</b>			
1.	Intimation and approval of prototype	First 60 days	Inspection to be done at RMSCL HQ.
2.	Intimation and approval of remaining vehicles	Next 60 day	Inspection to be done at RMSCL HQ.
3.	The chassis payment released on the receipt of chassis invoice on the name of consignee after that 70% payment would be done against Bank Guarantee		

  
**Executive Director (EPM)**  
**RMSC, Jaipur**

No. F-8(58)RMSC/EPM/M-3/17-18/NIB-314/

Dated:-

Copy forwarded to the following for information & necessary action:

1. P.S. to Mission Director NHM Jaipur.
2. Director, (PH)/(Aids)/(FW)/(RCH)/(IEC)/(ESI).
3. Principal, Medical College, Ajmer, Bikaner, Jaipur, Jodhpur, Kota, Jhalawar & Udaipur.
4. Superintendent Jaipuriya Hospital Jaipur (Associated with RUHS College of Medical Sciences, Jaipur).
5. Director, Medical & Health Services (ESI), Mobile Surgical Unit, Raj. Jaipur.
6. All P.M.O.'s.
7. All CM&HO's.
8. Executive Director (Logistics/Finance).
9. AGM (IT), RMSC, Jaipur.
10. All DPC's DDW Rajasthan.
11. M/s Kamal Coach Works Pvt. Ltd., SP-282, RIICO Industrial Area, Phase II, Newai, Dist. Tonk, Email:-info@kamalcoach.com
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**Executive Director (EPM)**  
**RMSC, Jaipur**

