



DR. RAM MANOHAR LOHIA INSTITUTE OF MEDICAL SCIENCES
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***PRE-BID OFFER (EXPRESSION OF INTEREST) FOR PURCHASE AND
SUPPLY OF CANCER DETECTION MOBILE VAN WITH ALL MEDICAL &
OTHER EQUIPMENT INCLUDING FURNITURE etc.***



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Ref. No. RMLIMS/MM(eq)/2021-22/3682

Date:- 21.12.2021

***INVITATION FOR PRE-BID OFFER (EXPRESSION OF
INTEREST) FOR PURCHASE AND SUPPLY OF CANCER
DETECTION MOBILE VAN WITH ALL MEDICAL & OTHER
EQUIPMENT INCLUDING FURNITURE etc.***

Dr. RMLIMS, Lucknow invites objections/observation/comments from Manufacturers/ Authorized distributors/Dealers/Agents/Authorized Fabricators for the specification of equipment and scope of work of the Cancer Detection Mobile Van.

For detailed information of Pre-Bid meeting etc., please visit our website www.drrmlims.ac.in.

The Manufacturers/Authorized distributors/Dealers/Agents/ Authorized Fabricators are requested to send the objections/observation/comments with product brochure of related cancer detection mobile van with all medical & other equipments including furniture etc. till date 03.01.2022 up to 4:00 PM in the JDMM Camp Room No-17, Administrative Block, Ground Floor of the Institute through speed post/by hand/courier etc. in the hard copy.

Director

Sl.No.	Particulars	Date	Time
1	Date & Time Publication of Pre bid Notice	22.12.2021	11:30 AM
2	Start Date of download of Pre Bid document.	22.12.2021	11:30 AM
3	Last date & time of Submission of Pre-Bid Offer	03.01.2022	Upto 4:00PM
4	Pre-Bid Meeting	06.01.2022	2:00 PM



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Sl. No	Particulars/ List of Equipment	Brand/Make/Specifications (Changeable)	Qty	Remarks
<u>Medical equipment related to Imaging facility/ Radiology</u>				
1.	<u>Digital Mobile X-ray machine</u>	<p>X-Ray Generator:</p> <ul style="list-style-type: none"> • High frequency X-Ray generator • Frequency – 100 KHz or more • Output power 3.5KW or more • KV Range – 40 to 110KVp • mA range – 20 - 70 mA or more • mAs range – 0.2 to 200 mAs • Digital Display of KV&mAs <p>II. X-Ray tube:</p> <ul style="list-style-type: none"> • Stationary anode • Focal Spot: 1.8mm² or lesser • Anode heat capacity should be 40KHU or more • Manual Collimator with auto shut facility <p>III. Control Panel</p> <ul style="list-style-type: none"> • Error Indication in case of malfunction of X-Ray Equipment • Display of KV& mAs • KVp increment & Decrement in step of 1KVp only • 12” or more Full Touch Screen Display for Image Acquisition & Processing Software <p>IV. Flat Panel Detector:</p> <ul style="list-style-type: none"> • Latest IGZO / Amorphous Silicon (ASi) flat panel Technology • Cesium Iodide (CsI) Scintillator • Portable 14x17 inches wireless detector • The detector should be light weight • Detector should have at least IP54 rating or more for ingress protection from dust & liquid • Should have spatial resolution of 3.5 lines pair/millimeter or better • Easy switch from sleep mode to acquisition mode for better battery performance • The resolution should not be lesser than 2560 	2	



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		<p>x 3072 pixels or more</p> <ul style="list-style-type: none"> • The Pixel pitch should be 140μ or lesser • Should have a minimum image depth of 16 bit or more. • The System should be able to enhance MTF by software • The Software should have Image Stitching facility • The System should have facility to Transfer the Images through to PACS • The Battery Charger should have facility to charge two batteries simultaneously • The Detector should be supplied with 2Nos. Lithium Polymer Batteries • The detector should have internal storage <p>V. POWER SUPPLY REQUIREMENTS</p> <ul style="list-style-type: none"> • 230Vac ± 10%, Single phase, 50 Hz. <p>VI. STANDARD ACCESSORIES</p> <ul style="list-style-type: none"> • Light weight Radiation protection Apron with Thyroid guard – 2nos • Detector should be supplied with additional Protection cover with handle for detector safety and easy in holding. <p>Others:</p> <ul style="list-style-type: none"> • Should be BIS & AERB approved product • Manufacturing firm should be ISO 13485: 2016 compliant • Should comply with AERB Guidelines for Table-Top Dose & radiation leakage • User manual to be supplied in English <p>Company should have well established after sales service network with Toll Free Service Call login facility. Companies should also have a local service representative or service facility to provide fastest response time in case of breakdown of the equipment.</p>		
2.	Digital Mammography Machine	Digital Mammography providing outstanding image quality at lower radiation for screening & for diagnosis to be installed in a VAN.	2	



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A) X-RAY GENERATOR

Power Rating- Generator Power rating :- 5 KW or more
 Frequency-High Frequency 50kHz or more.
 Radiography KV Range-22 to 40 KV in steps of 1 KV

mA output-Up to 150mA or more

Exposure time -14ms to 15sec

mAS Range-1-700mAS or more

B) CONTROL PANEL

Operating modes-APR Modes for automatic selection of Exposure parameters (KV & mAS) as per Fatty, Normal & Dense breasts with manual override to select parameters manually.

☐ AEC mode (Dual shot) for automatic selection of exposure parameters. Automatic density selection as per breast anatomy for optimum Image quality.

C) Acquisition software Features :-

Integrated panel for control of Exposure parameters as well as image parameters

Standard Features Detail:-

- ☐ Dedicated Imaging software for Image acquisition provides complete control of all image capture functions & exposure factors controls within the examination room.
- ☐ Enhances the entire workflow by delivering diagnostic images instantly.
- ☐ Allows user to transfer X-Ray images electronically to remote workstations, image archives, and printers.

X-ray generator control:-

- ☐ KV & mAS increase/ decrease switches
- ☐ APR & AEC Mode selection switches
- ☐ APR for automatic exposure parameters selection as per Fatty, Normal & Dense breast
- ☐ Focal Spot Large/ Small selection
- ☐ Exposure ON Indication

Connectivity & storage Features

- ☐ Storage of Images on CD/DVD with inbuilt DICOM viewer software enables to view images on any PC.
- ☐ DICOM 3.0 ready to connect with any DICOM 3.0 modality (like PACS, RIS/HIS/ Dry laser printer) , MPPS

D) WORKSTATION SPECIFICATION



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	<ul style="list-style-type: none"> • <input type="checkbox"/> Display Monitor: 3MP, Medical Grade Monitor • <input type="checkbox"/> Operating System : Windows 10 64 Bit or higher • <input type="checkbox"/> CPU : Latest Graphics CPU • <input type="checkbox"/> Monitor Size: 19" (inches) Or more Medical Grade Monitor • <input type="checkbox"/> Hard Disk: 1TB 	
	REPORTING WORK STATION AND ARCHIVING	
	compatible with HDD Storage capacity of 2 TB and RAM 16 GB or more should be provided.	
	Mention model of the review software offered and it should be mentioned with version and model name (as applicable) and it should support multimodality breast image viewing.	
	The following monitors required are in addition to the acquisition workstation including monitor / monitors (depending on vendor configuration of acquisition console):	
	5 MP Diagnostic Monitor (Quantity 2) with graphic card required for dual head operations,	
	The following imaging processing should be possible on the work station also:	
	i. Measurements	
	ii. Zoom, roam, magnification	
	iii. Brightness and contrast	
	iv. Image inversion	
	v. Flip rotate inward	
	vi. Annotations, measurements	
	vii. Filming from acquisition work-station should be possible.	
	<u>E)X-Ray Tube Head:-</u> Focal spot-Dual focus Rotating anode x-ray tube with 0.1 & 0.3mm focal spots Anode heat storage capacity-280KHU Filter Material-Molybdenum Anode heat storage capacity should be enough to support 25 or more exposures in an hour <u>F)COLLIMATOR-</u> <input type="checkbox"/> Light Beam Collimator for 24cmx30cm field size with Auto shut off timer <input type="checkbox"/> Radiation Protection Cone <u>G)Detector :-</u> RECEPTOR TYPE- Amorphous Silicon	



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	<p>Technology (Indirect Conversion) CONVERSION SCREEN-CsI Size of detector Total 29(h)x 23(v) cm or more PIXEL MATRIX (RESOLUTION)-Total 3,500(h)x 2,800(v) or more PIXEL PITCH -85 μm2 or less</p> <p>H) Compression:- Digital display -Digital display of applied Compression Force (In Kg). <input type="checkbox"/> Digital Display of Compression Breast Thickness (CBT). Compression Force-Compression Force up to 20Kg. Compression Paddle movement-<input type="checkbox"/> Movement of Compression Paddle up to 200±10mm or better <input type="checkbox"/> Step compression movement after 1-2 kg Compression paddles-Normal size of 24 x 30 cm Foot Switch-1set of foot switches For compression up & Down movement Features-Automatic decompression of compression at the end of each exposure. <input type="checkbox"/> Manual Compression in case of Power failure or any malfunctioning.</p> <p>I-</p> <table border="1"> <tr> <td>The following paddles one each of plate size mentioned should be supplied as standard (with allowed variation of ±1 cm along both axis for all paddles) :</td> </tr> <tr> <td>i. Small paddle of 18cm x24cm</td> </tr> <tr> <td>ii. Large paddle of 24 cm x30 cm</td> </tr> <tr> <td>iii. Spot contact Compression plate</td> </tr> <tr> <td>iv. Alpha Numeric Compression plate for 2D Biopsy</td> </tr> <tr> <td>v. Magnification spot compression plat</td> </tr> <tr> <td>vi. 1.5 times or more magnification plate of large size with magnification platform</td> </tr> </table> <p>J-</p> <table border="1"> <tr> <td>GANTRY ASSEMBLY:</td> </tr> <tr> <td>The system should have fully motorized rotation and up / down movement.</td> </tr> <tr> <td>The angle of C-arm movement should be at least +180° to -165°.</td> </tr> <tr> <td>The patient compression device should be motorized, automatic, controlled by foot paddles as well as from gantry and should have multispeed variable system.</td> </tr> </table>	The following paddles one each of plate size mentioned should be supplied as standard (with allowed variation of ±1 cm along both axis for all paddles) :	i. Small paddle of 18cm x24cm	ii. Large paddle of 24 cm x30 cm	iii. Spot contact Compression plate	iv. Alpha Numeric Compression plate for 2D Biopsy	v. Magnification spot compression plat	vi. 1.5 times or more magnification plate of large size with magnification platform	GANTRY ASSEMBLY:	The system should have fully motorized rotation and up / down movement.	The angle of C-arm movement should be at least +180° to -165°.	The patient compression device should be motorized, automatic, controlled by foot paddles as well as from gantry and should have multispeed variable system.	
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	<p>There should be provision for motorized and manual compression with digital display of compression force and compression thickness. Mention the compression modes available along with force range.</p> <p>The compression should be extremely smooth and there should be automatic decompression at the end of each exposure with facility of release of compression force in case of power failure or emergency stop.</p> <p>Control buttons for adjustment of height and angles should be operable from gantry as well as from foot paddles.</p> <p>SID should be in the range of 650mm or more.</p> <p>Programmable auto positioning from acquisition work station should be available.</p> <p>Grid ratio should be 5:1 or more with at least 30 lines per cm.</p> <p>Motorized installation and removal/ auto retract of grid/ breast support assembly system should be available for geometric magnification.</p> <p><u>L)UPS</u> Suitable rating UPS for software system is provided ,Dedicated online UPS for the entire machine and accessories supplied including the work station shall be provided for a minimum backup of 25 minutes.</p> <p><u>M)Accessories:-</u></p> <p><input type="checkbox"/> Radiation protection cone</p> <p><input type="checkbox"/> Lead apron-2 nos</p> <p><u>N)Other Requirements:</u></p> <ul style="list-style-type: none"> • The company should be ISO and ICMED certified. • The Unit should be CE /FDA Certified from notified body.Mention 4 digit Notified body number for verification purpose. • The unit should be approved by AERB. • The company should have a local Service center in the state. • The company should have proven track record in Govt. sector. <p>Onsite Training -The application specialist of the company should stay at the site at -least for 5 days at the time of installation to train all faculty members and technicians in machine operations.</p> <p>This will be followed by similar two visits of 5</p>	
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		days each in the initial 6 months or whenever required. The visits should be scheduled in consultation with the department of Radio-diagnosis.		
3.	Printer (Dry Laser)	Compatible with X-Ray & mammography machine (A two tray online dry laser printer. Images having min 508dpi resolution. Capable of printing all sizes X-Ray and mammography films should be provided.	2	
4.	Lead lining across the X-ray and mammography room	As per AERB norms. The bidder has to submit radiation safety inspection report of Mammography & DR X-ray room from AERB certifies agencies	2	
5.	X-ray view box (Single) LED light	<ol style="list-style-type: none"> 1. Single Panel suitable for viewing minimum sheet size of : 355mm, 432mm. 2. Number of Panels:- 1, Single Panel. 3. Luminance (Cd: Square meter): 4000, 4500, 5000 4. Overall thickness of the illuminator (mm) Mm): 20.0, 23.0, 25.0 5. Material of the Front viewing screen: High Quality Polymethyl Methacrylate (PMMA) 6. Power Consumption: Less Than 12 Watt (for Single Panel) 7. Comprehensive onsite Warranty for complete equipment (Years) (A): 5.0 	2	
6.	Shock absorber for X-ray & mammography	Any reputed make	2	
<u>Medical equipment related to Obstetrics & Gynaecology</u>				
7.		A bright light source of at least 100W or 100W-LED equivalent, and/or a magnification lamp (white light spectrum only. Yellow, tungsten-based light sources should be avoided 48) to examine the cervix;	2	
		<p>Cusco's vaginal speculums-</p> <p>Product description Speculum-</p> <p>It opens vaginal canal and is often self-retaining, facilitates in visualizing the cervix for observation and to carry out any test, examination, or procedure.</p> <p>Key product features -</p> <p>made of biocompatible materials and resistance to decontamination, cleaning and disinfection methods</p> <p>should be available in a variety of sizes-</p>		



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8.	Digital Video Portable Colposcopy	Large – blade length: 11.5cm (+/- 5%), blade width: 3.5cm (+/- 5%).	100	
		Medium – blade length: 9.5cm (+/- 5%), blade width: 3.5cm (+/- 5%).	200	
		Small – blade length: 7.5cm (+/- 5%), blade width: 2cm (+/- 5%)	100	
		Drums (for instruments) Medium size	4	
		Drums (for instruments) Large size	4	
		Kidney Tray - Big	4	
		Sponge holder	4	
		An examination table, with knee crutches or leg rests or stirrups;	2	
		Adjustable Height Bar Stool chair with back rest	2	
		Timer (clock)	2	
		<u>TECHNICAL SPECIFICATIONS FOR VIDEO COLPOSCOPE-</u>		
		It is a low magnification light-illuminated visualization instrument primarily used alongside screening tools for screening, diagnosing and managing precancerous cervical lesions in women.		
		1. The video colposcope must have magnification from min. 1x to max. 55x.		
		2. Magnification Indicator should be on the video colposcope.		
		3. Resolution must be > 825 lines (std.) > 1,000 lines (Gamma on).		
		4. Should have full HD – 1920 x 1080 resolution - 20,00,000 pixel.		
		5. The image sensor must be microlens color CCD with high speed Digital Signal Processing.		
		6. High MCD super bright white shadow less LED light for true color reproduction. An illumination adjustment knob to change the intensity of light		
		7. Color temperature should be 7000 ⁰ K, light source life should be minimum 50000 hrs.		
		8. Fast auto focus range should be up to 30 - 40cm.		
		9. Facility for fast focusing, zooming, Flip mirror image, image freeze using thumb on the hand held unit itself.		
		10. Acetic test timer and magnification indicator should be displayed on screen.		
		11. There must be 4 step Electronic Green Filter		



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	<p>and one step blue filter in the hand held unit without decrease in illumination</p> <ol style="list-style-type: none"> 12. Control panel should have feather touch and water proof buttons. 13. Facility for Fast auto /manual focusing and zoom upto 55x. 14. Internal Image freeze function facility . 15. There should be multi video outputs – Y/ C, Composite Video & USB. 16. Colposcope should be equipped with Gamma Processor to enhance vascular structure . 17. Portability, Transportation and storage facility should be there. 18. Stand or mount to allow for hand free operation. 19. Spare parts –Lamp bulb and fuses may be provided. <p>Company should provide Colposcopy & Image Management software with computer with following facilities should be fixed in mobile Cancer Van:-</p> <ol style="list-style-type: none"> 1. Should have inbuilt Colposcopy as well as report software for optimal utilization of system. 2. Masking Facilities , marking and highlighting any abnormalities. 3. Image capturing while recording / playing. 4. Final reports with one , two, three& four images with facility to adjust height & width of images. 5. Referral linked images with findings for comparison. 6. Facility to save & send the report through e-mail in pdf format. 7. Facility to get referral linked images. 8. Online support facility (through internet) for software. 9. Colposcopy software should run on window XP ,Vista& Window 8/10 operating system . 10. Colposcopy assisted dynamic cases . 11. Facility to take Colposcopy Images with the colposcopy report on hard copy. 12. Facility to store still images, cine loop or procedure on CD. 13. Computer with ITB hard disc,2GBRam , 	
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		<p>Processor 13 – 7 with inkjet printer & color monitor .</p> <p>14. Colposcope should be CE, ISO & FDA certified except country of origin of all medical equipment should not be made of China .</p> <p>15. Colposcope should have Remote Control facility also.</p> <p>16. Colposcopy should have facility to generate report above cases.</p> <p>17. Power supply 100 – 240V AC 50/60Hz</p> <p>18. Should provide extra voltmeter and fuses</p>		
9.	Portable thermal ablation device	<p><u>Specifications for Portable thermal ablation device-</u></p> <p>A thermal ablation device is a self-contained, electrically powered medical instrument with a probe tip heated to 100°C designed to destroy tissue of the uterine cervix.</p> <p>. Key product features -</p> <ul style="list-style-type: none"> • The treatment method of the unit should be based on thermal contact & no current & should flow through the patient. • The unit should be able to destroy the abnormal cervical cells using heat therapy probes. • The treatment method of the unit should take place in a low temperature range between 60 degree C to 120 degree C based on several application / location of use. • The procedure should be non- invasive , fast & safe in nature . • The therapy probe should be Autoclavable up to 134 degree(&made from stainless steel) • The therapy probe should have temperature sensor inside the probe- head which guarantees regulation • Probe- head should be Teflon coated to prevent adhesions of tissue . • The weight of unit should not exceed 4-5kg. • It should be supplied with following accessories. • The main Unit with power cord-1No • Autoclavable instrument cable with coupling plug, silicon, length 1.5Mtr-1No 	2	



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	<ul style="list-style-type: none"> • It should have portable chargeable battery along with charger & power cords to permit wireless operation . • Different size thermoprobes-2 of each size- 16 mm flat ,19 mm flat & 19 mm nipple,Biocompatible, material that will not adhere to cervix, Reusable and thus decontamination is needed. • Simple and easy to use, appropriate for all levels of care. Components, accessories, consumables. • Handheld device has added feature of portability with rechargeable batteries. • Certifications Data • Approvals-CE Labeling is performed in accordance with the EU-guidelines 93/42/EWG, Annex II • Safety Data- Classifications according to 93/42/EWG 11a, Protection class I • Comprehensive warranty: It should be given for the system and accessories for a minimum period of 5 years from the date of successful commissioning of the system . • Annual Maintenance Contract (AMC/CMC): • The supplier must quote for service AMC/CMC charges and comprehensive AMC/CMC charges separately which shall become effective after the warranty period. The AMC/CMC shall include yearly calibration from reputed agency in a standard format. The supplier must give an undertaking to cover AMC/CMC for the Thermo Coagulator unit, including its upgradation for the lifetime of the system. The number of Proventive Maintenance Call and break down calls under AMC/CMC shall be indicated. • Installation : Deliver, installation and commissioning of the entire system at the Hospital. • User manual: A printed operating manual in English must be supplied . • The supplier shall indicate the conformity of the specification point wise and also furnish additional features of the system if any 	
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		clearly. Rates must be quotes for the system and accessories separately.		
<u>Medical equipment related to collection facilities Pathology + Such etc. Lab</u>				
10.	Telemedicine- Software, Audio & Visual for all specialities	Any reputed make	2	
11.	Refrigerator (90 to 100 ltr capacity)	Any reputed make	2	
12.	Bar code printer	Any reputed make	2	
13.	Bar code scanner	Any reputed make	2	
14.	Software (HIS) for Patient registration, generating the reports and interfacing with medical equipment, reporting & image transmission in Institute PACS / HIS through internet connectivity & LAN connectivity	Any reputed make	2	
15.	Needle and sharp destroyer	Any reputed make	2	
16.	Biomedical waste bins as per standard	Medical Grade(Any reputed make)	4	
17.	Wash basin (Stainless steel)	Any reputed make	2	
18.	200 Litres water tank (stainless steel)	Any reputed make	2	
19.	Tap + fittings	Preferable Jaguar or equivalent	2	
20.	Water pump (ISI standard)	Preferable Crompton or equivalent	2	
21.	Chemical toilet (ISI standard)	Any reputed make	2	
<u>Medical equipment related to ENT</u>				
22.	Rigid telescope, length 14-18 cm, 4 mm diameter, 70 degree	Any reputed make	2	
23.	Rigid telescope, length 14-18 cm, 2.7mm diameter, 0 degree	Any reputed make	2	
24.	Rigid telescope, length 14-18 cm, 4 mm diameter, 0 degree	Any reputed make	2	
25.	Light Cable for use with light source	Any reputed make	2	



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26.	LED Headlight with light source	Any reputed make	2	
27.	Revolving stool (Stainless steel)	Any reputed make	4	
28.	Surgical Instrument Container	Any reputed make	2	
<u>General Clinical Items</u>				
29.	Examination torch (LED)	Any reputed make	4	
30.	TrueNat Real Time Machine	Molbio Diagnostics Pvt. Ltd. Or equivalent	2	
31.	Thermal Scanner for Breast	Any reputed make	2	
32.	Public Announcement System	Preferable Grand/Solphin/Ahuja or equivalent	2	
33.	Portable Defibrillator	Patient Impedance Range: 25 to 175ohm, Heart Rate Range: 20 to 300 per min, Filter Range: 0.5 to 30Hz, Detection: V/F more than 200 μ V, V/F more than 160 per min, Energy: Adult: 185 to 200J (\pm 5%), Paediatric: 45 to 50J (\pm 5%), Voltage/Capacity: 15V, 4200 mAh, Discharge: A minimum of 200 shocks (except the CPR period between the defibrillation therapy), or 10 hours of operating time at 20°C	2	
34.	Multi Para Monitor	Screen Size-10" (maximum), Measurements- CO2, Temp, IBP, Alarm indicator- Visual LED on the Front, Clinical Decision Support- Multi Alert, Internal power supply- 100 VAC to 240 VAC; 50/60 Hz, Weight- 3.5 kg approx, USB-2	2	
35.	Oxygen Cylinder (10 kg)	Uttam luxfer aluminium cylinder or ISI standard or any reputed make	2	
36.	Weighing Machine Adult	Any reputed make	2	
37.	Technician Revolving Chair	Any reputed make	4	
38.	Stools for attendants and Patients SS top	Any reputed make	4	
39.	Laptop and laser printer	Any reputed make (Preferable HP)	2	
40.	Folding wheel chair	Any reputed make	2	
41.	Stethoscope	Any reputed make	4	
42.	BP Apparatus	Any reputed make	4	
43.	Clinical digital Thermometer	Any reputed make	4	
44.	Knee hammer	Any reputed make	2	
45.	Furniture's including Racks etc	Any reputed make	2	
<u>General Items</u>				



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46.	LED TV 40"	Any reputed make	2	
47.	Speakers for TV with amplifier	Preferable Ahuja or equivalent	2	
48.	Cabinet for TV with toughened glass	By fabricator	2	
49.	Insect Killer	Any reputed make	4	
50.	Fire Extinguisher for Driver Cabin Portable	Any reputed make	4	
51.	Fire alarm	Any reputed make	6	
52.	Air Conditioner, 1.5 ton split	Any reputed make	4	
53.	Air Conditioner stabilizer	V-guard or equivalent	4	
54.	Generator 10 KVA	Honda or equivalent	4	
55.	Inverter 3 KVA	Microtek or equivalent	2	
56.	Vehicle Tracker	Map My India or equivalent	2	
<u>General Feature of Van</u>				
57.	Air suspension and putting additional leaf springs in front wheels	Any reputed make	2	
58.	15 mtrs wire loom for external AC supply	Finolex or equivalent	2	
59.	Canopy	Any reputed make	2	
60.	Aluminium ladder, 6ft.	Any reputed make	2	
61.	Cabin Air Conditioner in Driver Section	ISI Standard	2	
62.	AC and DC electrical connection inside the vehicle	ISI Standard	2	
63.	Job of design & fabrication of Van	By fabricator	2	
64.	Branding and lamination as per given matter	By fabricator	2	
65.	Co- Driver seat, seats for five passenger in driver cabin	By fabricator	2	
66.	Base Vehicle / Van 35 Feet long (Minimum) BSVI Diesel (Passenger Chassis)	Tata/Ashoka Leyland /Eicher or Equivalent	2	
67.	Solar panel	Preferable Sukam / Microtek or equivalent.	2	
68.	Hydraulic Expansion	By fabricator up to 4-5 feet	2	
69.	GRP Panel (German)	By fabricator	2	
70.	Vehicle insurance charges with accessories		2	



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71.	Temporally vehicle registration charges and delivery charges upto Dr.RMLIMS, Lucknow	2	
72.	Vehicle registration charges with RTO, Lucknow office	2	
73.	5 years warrantee & guarantee periods	2	

Director