



Office of the Director
INDIRA GANDHI INSTITUTE OF MEDICAL SCIENCES,
SHEIKHPURA, PATNA – 800 014 (Bihar, India)
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E-Mail: director@igims.org

Tender No- 09 / 2023-24 / IGIMS / Store

NOTICE INVITING QUOTATION

Sub.: Remodeling, fabrication and commissioning of 28 Seater Bus (Make: Ashok Leyland; Model: MiTR 4270 WB; CC: 2953, Manufacturing Year:02022, Seating Cap. 28, Fuel Type: Diesel) to make suitable for use as Mobile Ophthalmic Van with facility to accommodate ophthalmic chair unit, Slit lamp with camera, Auto Refractometer, Non-Contact Tonometer and LCD Vision Chart at Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800 014 (Bihar).

Sealed quotations are hereby invited from the coach body Builder / Fabricator for the work as per “Schedule of work” attached so as to reach the undersigned up to 4:00 PM on 18 / 09 / 2023. Received quotations will be opened on 19 / 09 / 2023 at 3.30 P.M. in the Conference Hall of Superintending Engineer, Ground Floor, Administrative Building, I.G.I.M.S. – Patna.

A pre-bid meeting will also be arranged on 28 / 08 /2023 at 04:00 PM in the Board Room of Superintending Engineer at ground floor of New Administrative Building.

TERMS AND CONDITIONS:

1. The work shall be done as per the instruction and prior approval of Chief-RIO of Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna. The Coach Body Builder / Fabricator workshop should have in house facility for remodeling, fabrication and commissioning of Vehicle.
2. The cost of document is ₹2,500 /- (Rs. Two Thousand Five Hundred Only; **Non refundable**). Cost of the document will have to be paid through a separate Demand-Draft drawn in favour of “Director, IGIMS, Patna” payable at Patna (Bihar) along with the Bid, failing which the bid will summarily be rejected.
3. An **Earnest Money Deposit (EMD)** of ₹1,25,000/- (**Rupees: One Lac Twenty Five Thousand only**) has to be enclosed along with the Bid. The EMD shall be only in the form of Demand Draft drawn in favour of “Director, IGIMS, Patna” payable at Patna (Bihar), along with the Bid, failing which the bid will summarily be rejected. No Cheque / Cash shall be accepted as EMD. The amount may also be paid through RTGS / NEFT at the Institute Account.
4. The rates mentioned in the financial bid shall be inclusive of GST, Packing, Forwarding, Cartage, Insurance, Loading-unloading, road permit/state entry permit and Delivery, Fabrication, Installation, Testing, Commissioning, etc at site including temporary constructional Storage, Risks, Overhead Charges, General Liabilities/ Obligations etc and any other taxes as applicable. Any variation in the above said taxes till the completion of the work will also be in the bidders account.
5. The bidders shall attach copy of PAN card in the name of Agency or in the name of Proprietor.
6. Duly sealed Bid shall be sent to “**The Office of The Director, Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800 014 (Bihar)**” through Speed / Registered Post / Courier Services only. **Bid must** contain one Xerox copy of the unfilled bid document duly signed and stamped on each page as a token of acceptance of all terms and conditions /clauses of the tender enquiry.
7. The conditional bids shall not be considered under any circumstances and rejected without any notice. All bids shall be the property of IGIMS, Patna and contractors will lay no claim whatsoever on the same.
8. Director, IGIMS, Patna reserves the right to reject any or all the bids in full or in part without assigning any reasons whatsoever, and the decision of the IGIMS, Patna in this regard will be binding on all the bidders. Bidders not complying with any of the provisions stated in this tender document are liable to be rejected.

Director, IGIMS, Patna reserves the right to accept or reject any tender without assigning any reason and does not bind himself to accept the lowest tender.

9. Payment terms will be as follow: -
 - a. **No advance payment will be made.**
 - b. **Payment will be made after completion of work against actual work executed & measured as per scope of work only.**
 - c. Income Tax and surcharge will be deducted as per Govt. of India rules.
10. **ITR of last 3 years may be attached.** No Tools & Plants shall be supplied by the IGIMS, Patna.
11. Successful bidder shall deposit an amount equal to 10% of the tendered and accepted value of the work as performance guarantee within 10 days of issue of letter of acceptance. **The performance guarantee shall be valid up to the completion of defect liability period.**
12. Time allowed for completion of work shall be **30 days** from the date of issue of award letter.
13. In case the successful bidder resiles from the offer within the validity of Quotation, the earnest money will be forfeited. Similarly if successful contractor fails to commence the work within 45 day from the date of issue of award letter, the amount of earnest money will also be forfeited besides blacklisting the firm.
14. Time allowed for the work shall be strictly followed otherwise the bidder shall be liable to pay compensation at the rate of **5 % (Five Percent)** of the quoted value of the work per week of delay on the part of the bidder subject to a maximum of **10%** of the total quoted value of work. The decision of competent authority of IGIMS, Patna on the delay shall be final and binding. However, for any reason beyond the control of the bidder the extension of time may be granted upon application by the bidder. No claim for any compensation during the extended period shall be entertained and the IGIMS, Patna decision in this regard shall be final.
15. If bidder at any time makes default during currency of work or does not execute any part of the work with due diligence or Commits default in complying with any of the terms and conditions of the contract and does not initiate any remedy for it or takes effective steps for its remedy or Fails to complete the work(s) or items of work with individual dates of completion, on or before the date(s) so determined, and does not complete them within the period specified in the notice given in writing in their behalf by the Engineer-in-charge.

The Engineer- in-charge without prejudice to any other right or remedy against the bidder which have either accrued or accrue thereafter to the Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the bidder.
16. Director, IGIMS, Patna reserves the right to terminate the contract without any reference or any notice period on account of poor workmanship, non-compliance of set norms/specifications for the works, delay in progress of work, violation of any contract provisions by the bidder, failure to start the work at IGIMS, Patna, within 10 days from date of issue of order. The contract can also be terminated at the request of contractor within 20 days from the date of issue of order. In such cases the bidder is liable to pay Liquidated damages @ 5% of tendered value besides forfeiting performance guaranty /security deposit/EMD.
17. IGIMS, Patna shall be fully empowered to expel any of the bidder's staff in case of any indiscipline/misconduct/violence.
18. The bidder should take extra precaution to ensure that there is absolutely no damage to the facility/laboratories/equipments of IGIMS, Patna.
19. All materials brought at site shall be got approved by the Engineer-in-charge before being used. If rejected, the same shall be removed immediately. The material of only approved make shall be brought at site.

20. The work done beyond **100%** deviation limit or an extra item, the rate shall be worked out based on prevailing market rate of the area. Also during the execution of work, the bidder may be required to execute certain additional/extra items in order to complete the job/works beyond the BOQ for which no rates are available. As far as possible, the rates shall be derived from nearest acceptable tender rates. The rate of extra/substitute items shall be as per a rate analysis to be prepared by the bidder, based on prevailing market rates (1) cost of material (2) cost of direct labour (3) bidder over head & profit 15%, duly approved by IGIMS, Patna before execution of work.
21. No escalation in any form either of cost/materials/labours or any taxes shall be payable by the IGIMS, Patna during the contract period.
22. The bidder shall be solely responsible for any accident / medical / health related liability / compensation for the personnel deployed by it at IGIMS, Patna. The IGIMS, Patna shall have no liability in this regard.
23. The personnel employed by the bidder will not claim any right to become the employees of IGIMS, Patna and there will be no Employee and Employer relationship between the personnel engaged by the bidder and IGIMS, Patna.
24. No tent or hut shall be allowed to be put up for workers to stay within the campus. The contractor is deemed to have inspected the site and thoroughly acquainted himself with the site conditions, availability of storage space for materials etc.
25. It may here be noted; that the entire staff and labour of the bidder will follow all the security instructions issued by the IGIMS, Patna from time to time and these instructions may include the provisions to make suitable barricades or temporary wall fence to ensure that the labour confines itself to the area of the work **ONLY**. Serious action will be taken in case any of the bidder's workmen are found to be tampering with the equipment and property of the IGIMS, Patna. Suitable damages will be recovered from the bidder's bills if anyone is found to do so. All decisions of the Engineer-In Charge in respect of the same will be final and binding on the bidder.
26. The work shall be guaranteed for at least one year from the date of actual completion of the work for both material as well as workmanship.
27. The bidder shall ensure compliance of all statutory laws & bye laws of the central Govt./ state Govt./Municipal authorities related to the employment of their staff and all obligations under Minimum Wage Act, Workman Compensation Act, Provident Fund & Miscellaneous Provision Act, Bonus Act & Contract Labour Act 1970 etc. IGIMS, Patna will not be responsible for such purposes in anyway.
28. Bidder has to submit an affidavit on e-stamp paper of ₹1000/- duly notarized towards "Special Terms and conditions" (**See Annexure-A**) at page-8.
29. Any claim, dispute or difference arising out of or in connection with this agreement and which cannot be settled by mutual consultations, shall be referred to sole Arbitration or an Arbitrator to be appointed by Director, IGIMS, Patna. The award of the Arbitrator shall be final and binding between the parties as per the terms and conditions of the Agreement to be executed on award of contract. The Arbitrator proceeding shall be governed by the Arbitration and Conciliation Act 1996 and shall be conducted in Patna (Bihar).

Sd/-
Director,
I.G.I.M.S. – Patna.

General Body Specification:

1. Air Conditioning System

MOBILE Ophthalmic VAN must be provided with a transport grade air conditioned system of minimum of required cooling capacity with roof top condenser unit, cooling capacity of the compressor not less than 400 cc with digital control (SPHEROS /JTAC) & AC system should be main engine driven.

There should be provision of AC ducting all the clinical areas as well as registration desk so that every staff members will feel cooling comfort including driver.

In addition to the engine driven roof top ac , one transport grade split air conditioning systems of minimum two (2) ton capacity with minimum three star power rating(Make- Hitachi/ O General/ Daikin)The Split AC system for the clinical area should be operating on the super silence generator as well as outside power source. All hoses shall be machine crimped to avoid the leakages.

Both the AC system shall be of transport grade and certified for passenger vehicle usage. Commercial grade AC systems used for domestic applications is not allowed. There should be a minimum IP65 rated external charging socket for connecting the van to an external power grid / source. The scope of supply must include a minimum 20mtr. Long connecting cable with matching adapter at one end and a generic AC power adapter/ 3 pin AC plug at the other end.

2. Power Supply & Management Solution

The MOBILE Ophthalmic VAN shall be supplied with super silence petrol generator of minimum 7 KVA for 220 V supply in the coach with a provision for change over from the Genset to a main power supply. The Noise level of the generator should not be more than 65 dB. The output of the generator should be pure sine wave (Make: Honda).

There should be a minimum IP65 rated external charging socket for connecting the van to an external power grid / source.

The scope of supply must include a minimum 20 mtr, Long connecting cable with matching adapter at one end and a generic AC power adapter / 3 pin AC plug at the other end.

Stabilizer / UPS and Voltmeter with adequate Earthing Mobile Ophthalmic Van will have electric network suitable for equipment contents and will have power entry panel. Panels will have heavy duty water proof connectors. Connector ends to be levelled down in order to protect water entrance. There will be power distribution panel inside of Mobile Dental Van. Panels will contain appropriate fuses and lightning protectors. Power Entry Panel will have 2 AC power entries (one for power supply and other for line power) and 1 DC power entry to use 12 or 24 VDC power. Power Entry Panel will have current limits to provide minimum 30% more of all system power requirements in the Mobile Ophthalmic Van. Power Distribution Panel inside the Mobile Dental Van will be used to transmit power from Power Entry Panel on Mobile Dental Van. There will be indicated and "Computer Network Cable Raceway" information will be written on the raceway. Distribution Panel will have the minimum specifications and functions given below:

Main Power Switch / UPS 6 KVA for equipment.

Power source — Line Power selection switch Interior Switch

AC and DC power Ampere meter, AC and DC power voltmeter. AC power frequency meter

3. Circuit Breaker for Equipment and Environmental Conditioning Unit.

Remote Control Panel for Source

Mobile Dental Van will have its own grounding system. Grounding system will have grounding rods, cables in appropriate quantities.

Electrical conductors shall meet the requirement for flame resistance norms.

Stabilizer and Voltmeter for adequate specifications matching the equipment on the mobile clinic along with adequate earth leakage circuit breakers.

The circuit diagram for the BOX shall be type approved. The number of lamps, their position, type and wattage used shall also be type approved.

4. Wiring

All wires shall be concealed (channels to be provided in the walls) and so arranged that they can be readily inspected and renewed without affecting the finish of the vehicle.

All the wires in the roof of the vehicle should be concealed type but with defined service points for checking as well as re-wiring in case of any need.

The wires shall be PVC insulated wires conforming to BIS specification.

Wiring shall be of sufficient size to carry the required load without voltage drop.

The earth return system shall be used for body wiring.

Wherever PVC sleeved cables pass through the outside body or structural members, shall have suitable grommets bushes made out of rubber or bakelite inserted in the holes and PVC tube carrying cable be clipped as near as possible,

Wires shall be permanently continuous color-coded and permanently number coated for easy identification of the various circuits. Use of taped numbers is not acceptable.

Wires shall be of sufficient length to provide a loop at terminals so as to permit ample slack for directional positioning. The length shall allow replacement of end terminals twice, without pulling, stretching or replacing the wire.

Corrosion resistant full ring or interlocking terminals shall be used for terminating wire ends at components. All wires shall be continuous and terminate at appropriate connector. "T" or butt connectors shall not be used.

Battery cable terminals, component terminals and connectors exposed to the ambient shall be coated with terminal corrosion preventive compound.

Except for those on large wires, such as battery cables, terminals shall be machine crimped to the wiring. A ratchet type hand crimper may be used where it is not possible to use a large machine crimper.

5. Electrical Distribution Points & Lighting

There shall be adequate number of lighting elements in all the three areas emitting white light meant for general lighting of the compartment as required to perform general work

The lighting fixtures should be seamless in construction without any sharp edges and joineries in the frame and diffuser.

The lighting fixtures should be installed in a flushed manner in the roof of the van.

All the lights should be operated on 12V DC.

There should be one 12V DC operated and minimum 6 inch wall mounted fans for each collection couch. The treatment compartment should have minimum number of power sockets various blood and general equipment in the MOBILE Ophthalmic VAN

6. Emergency equipment-Fire Extinguisher

The MOBILE Ophthalmic VAN should be equipped with two standard fire extinguishers of 1 Kg capacity each.

The fire extinguisher should be secured in an extinguisher manufacturer bracket of automotive type and located in full view and in an accessible place.

The fire extinguisher should bear a label of ISI / CE / UL / NFPA showing a rating of ABC.

7. Interior Storage Compartments & Furniture

One modular type table for examination of patient, two revolving chair, and doctor chair at Medical examination area.

The cabinets and storage compartments should be made of powder coated steel of min 18 gauge thickness; they should have a vision window, so that materials kept inside can be seen. Adequate number of such storage should be given under the table and overhead. They should be lockable and should not open during transport. The Latches should be easy to grip and with magnetic locking. The drawers should be of Medical grade Mobile drawers with Silicone rollers. The clinical cabinetry for storage should be separate for Dental Instruments, Dental Consumables and Dental Equipments. Hence the size, number and location should be planned accordingly and can be finalized after approval in both the passenger and as well as clinical compartment

8. Water System Specifications

9. Drinking Water Storage System

The water dispensing system should be pressurized by using pressure pumps and one 200 liters Fresh Water tank (made of SS-304) and 100 liters Grey water storage tank. The taps should work like a normal domestic tap. The water supply system is designed to supply water for cleaning and drinking purposes. A grey water storage tank of 100 liters is placed under the carriage. The plumbing is high pressure, polybutylene tubing of * half inch diameter for water supply and half inch diameter for drainage for both Dental Chairs and washing Areas. There should be electronic monitoring and control system should be there to prevent dry run or over flowing tanks.

There should be an external water supply tap, which can be used for cleaning the vehicles or washing purpose outside the vehicle.

10. Wash Basin-Two nos

The internal furniture layout must include a washbasin made up of SS / ABS material matching to the finish of the furniture.

The water tap (Long Elbow Type) of the washbasin should be operated with a foot switch mount on the floor at a convenient and safe place around the washbasin area, so that it is convenient for the users to activate the switch and get water flow.

The tap should be operated using foot switch and 12V DC water pump.

The wash station to be provided with mirror, soap dispenser, towel hanger/ring

11. Exterior Lighting:

Emergency light bar at roof & siren of repute make to be placed as per Government rules.

Other external lighting, signalling and indication system of the bus should be as per Central Motor Vehicle Rules, 1989, as amended from time to time.

12. Exterior body colour:

Exterior Graphic Design of good quality vinyl with eco-solvent type with lamination, to be finalized after approval covering the entire vehicle

Lettering & full body Logo of the organisations along with full wall clinical pictures & its design approved by TIA.

13. PUBLIC ADDRESS SYSTEMS OF REPUTEMAKE for Loud and Crystal Clear Announcement,

2 wireless microphones (with a range of at least 10m away from the vehicle)

Amplifier of adequate power with two audio in (auxiliary so as to enable it to play audio from TV/ DVD/USB, one for Microphone), 4 internal ceiling speakers of appropriate power with MP3 player at driver dash board.

d) The volume of the speakers should be independently modifiable.

One Oxygen cylinder (2.2 Litres) and mobile stand, secured tightly to the vehicle body with removable clamps, along with regulator and delivery mask.

14. CAMERA

DVR 4 Channel (4G) -CP PLUS HIKVISION , 2nos CCTV inside the MOBILE Ophthalmic VAN and one each at roof & back side of the MOBILE Ophthalmic VAN with a capability to store footage up to 15 days & memory should be extendable.

In addition to this, one rear view camera to be installed at driver dashboard.

GPS- GPS should be fitted in the van with GPS solution for two year subscriptions & one year warranty of hardware installations.

15. ASSESSORIES

Smart TV in the clinical area of reputed make (Sony/LG/Samsung) with remote control, 40 or 42 inch, USB compatible, mounted with proper metal casing and padding.

Coach fans, AC -4 nos & DC connection -4 nos.

Reverse sensors of reputed make should be provided at the rear of the body.

Towel holders, apron hangers and attachments for placing soap dispensers and anti- microbial hand rubs

Dust free blinds or curtains on the windows and in driver cabin (full size) as approved by TIA.

PVC door transparent strip curtain (3mm) at main door in full overlap and full size.

Equipment mounting, tie downs, padding and bracing for operational transport of various equipments such as the dental chairs.

Locking provision for battery and other external equipments and an anti theft alarm system with door sensors for the vehicle.

Biomedical Waste, colour coded collection units with pedal type concealed bins in the Dental Clinical area with clean lids (Red, Yellow and Black bins).

SPECIAL TERMS & CONDITIONS

1. An affidavit on **e-stamp paper of ₹1000/- duly notarized** containing following points.
 - a. The agency has not been black listed during last three years by any Govt. Department / Institution etc.
 - b. Confirmation that the documents submitted by the agency are genuine and undisputable and in the event of it coming to notice at a later date that the documents are not genuine, the agency shall be liable for criminal action and such compensation payable to IGIMS, Patna as may be decided by its competent authority.
 - c. Details of Names of all companies/firms where the contractor is the promoter / director / partner and/ or proprietor.
 - d. The Agency has not dispute with any Govt. Deptt./Institute/PSU etc.
2. No subletting or subcontracting of the work will be done and if done so, contract work order may be cancelled and EMD forfeited.

[_____]

Bidder Signature

Name:

Address:

Seal:

Schedule of work/Price Bid

Name of work: Remodeling, fabrication and commissioning of 28 Seater Bus (Make: Ashok Leyland; Model: MiTR 4270 WB; CC: 2953, Manufacturing Year:02022, Seating Cap. 28, Fuel Type: Diesel) to make suitable for use as Mobile Ophthalmic Van with facility to accommodate ophthalmic chair unit, Slit lamp with camera, Auto Refractometer, Non-Contact Tonometer and LCD Vision Chart at Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna – 800 014 (Bihar).

S.N.	Description	Unit Rate (Inclusive GST)	Amount (Inclusive of GST)
1	Ophthalmic Chair Unit (Space for installation)		
2	Auto Refractor (Space for installation)		
3	NCT (Space for installation)		
4	Slit Lamp with Camera & compatible computer system for Recording & Transmission. (Space for installation)		
5	LCD Vision Chart (Space for installation)		
6	Opening of required chair		
7	Framing for setup/fix Eye Check up table & equipments		
8	Side table (with drawer & space of UPS) 4'X2' feet as per requirement & available of space.		
9	Framing for 5 KVA generator set & fixing the 5 KVA generator (excluding Generator)		
10	Fixing of split AC with all complete job (excluding Split AC)		
11	Framing & fixing of eye check up equipments & screen on back side glass.		
12	Partition of bus with sliding door after Pilot Cabin.		
13	Sliding Door at emergency exit		
14	Stair for entry in bus at Emergency exit		
15	Complete wiring for generator set, eye check up equipments, lights, split AC etc. as per requirement & direction.		
16	Painting & Polishing as required for good finishing		
17	Curtains Rod & Hook		
18	Chair arrangement as per design		
19	MS Pipe, Sheet, SS square pipe, SS Sheet in heavy gauge as required.		
20	Air Conditioning System		
21	Power Supply & Management Solution		
22	Circuit Breaker for Equipment and Environmental Conditioning Unit		
23	Wiring		
24	Electrical Distribution Points & Lighting		
25	Emergency Equipments-Fire Extinguisher		
26	Interior Storage Compartments & Furniture		
27	Water System Specification		
28	Drinking Water Storage System		
29	Wash Basin-Two Nos.		
30	Exterior Lighting		

31	Exterior Body Colour		
32	Public Address System of Repute make for Loud and Crystal Clear Announcement		
33	Camera		
34	Accessories		

Note:

- a. Rates are inclusive of all taxes, duties & cartage etc..

Bidder's Signature

Name :-

Address :-

Seal :-