

## TENDER DOCUMENTS

NAME OF WORK : Hiring of vehicle as Mobile ICTC (2 No.s)

Date of Submission : Up to 5.00 PM on 07/09/2024

Date of Opening : At 11.00 AM on 10/09/2024

## KERALA STATE AIDS CONTROL SOCIETY

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Tender No. : 5453/2024/PS/KSACS

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Tender documents for the work of : Hiring of vehicle as Mobile ICTC

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Issued to M/s./Shri.

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To be returned on or before :

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(To be filled by Tenderer)

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Name of tenderer (In full) :

Address :

Phone No :

Details of EMD remitted :

Name of the Bank & Branch :

Demand Draft No. and date :

Amount : 2% of the amount quoted

Tender submitted on :

Signature of Tenderer

Date:

Note: The tenderer should sign in all pages of the tender documents including Specification.



**KERALA STATE AIDS CONTROL SOCIETY**

**NOTICE INVITING FOR TENDER**

Sealed competitive tenders are invited for and on behalf of Kerala State AIDS Control Society. (herein after referred to as "KSACS") from competent and experienced tenderers for the hiring of Vehicles as mobile ICTCs stationed at Thiruvananthapuram & Kozhikode along with Driver for 7 months and delivered at KSACS Office Trivandrum .

**02. THIS TENDER DOCUMENT IS NON-TRANSFERABLE**

03. Unless otherwise specified, all works to be done in conformity with specifications as in force in the NACO/Government of Kerala/India guidelines.
04. Tenders, sealed and endorsed as such with the name of work clearly written thereon shall be delivered at the office of the KSACS at Trivandrum not later than 5.00 pm. on 07.09.2024. They will be opened at the office of the KSACS by the Officer - in - charge or such officer as may be authorised on his behalf in the presence of such of those tenderers or their authorised agents as may be present at 11.00am on 10.09.2024. The total amount quoted for each tender will be read out, the tender and all corrections in the tender.
05. Each tender shall be accompanied by an Earnest Money Deposit equivalent to 2% of the total amount quoted. Tenders not accompanied by the Earnest Money Deposit will not, be considered. The Earnest Money shall be in the form of Crossed Demand Draft drawn in favour of "KERALA STATE AIDS CONTROL SOCIETY" payable at Trivandrum. EMD in any other form will not be accepted.
06. The Tenderer shall carefully study the specifications and all the documents which form part of the Agreement to be entered into by the accepted tenderer. The documents connected with the contract such as specifications, place of supply etc can be seen on all working days during office hours.

Signature of the Tenderer



07. The Tenderer shall closely pursue all the specification clauses which govern the rates he is tendering. The vehicles and drivers will be at the disposal of the concerned authority during the entire contract period.
08. In consideration of the tenderer being allowed to quote for the items, he shall keep the tender form for a period of **three months** from the date of opening of the tender during which period he will not be free to withdraw the tender. Any such withdrawal will entail for forfeiture of the Earnest Money deposited for the work.
09. Within a week of the acceptance of the tender, the tenderer shall deposit a sum sufficient to make up the balance of 5% of the Probable Amount of Contract which together with the amount of Earnest Money deposited shall be treated as Security for the proper fulfilment of the same and shall execute an Agreement for the work. If he fails to do this or in the case he fails to maintain a specified rate of progress (to be specified in each case of the tender schedule), the **Earnest Money and Security Deposit shall be forfeited to the KSACS, tenderer will be black listed from taking up any other work in the KSACS**, fresh tenders shall be called for, or the matter otherwise disposed of. If, as a result of such measures, any loss is caused to the KSACS, the same will be recovered from him, but, should it be a saving to the KSACS, the original tenderer shall have no claim, whatsoever, to the difference.
10. The acceptance of the tender rests with the **Project Director of the KSACS**, who does not undertake to accept the lowest or any particular tender.
11. Tenderer shall demonstrate the equipments and specifications before a technical committee constituted by KSACS at KSACS office.
12. The KSACS is at Liberty to split the items and award to more than one tenderer and to vary the quantity of the items or omit any items at its own discretion. This cannot be challenged by anyone.
13. It shall be definitely understood that the KSACS does not accept any responsibility for the correctness or completeness of the schedule, that the schedule is liable to alterations, omissions, deductions or additions at the discretion of the competent officer or as set forth in the conditions of contract.

Signature of the Tenderer



14. Tenders not submitted in forms issued from the office of the KSACS or submitted incomplete in any respect, whatsoever, such as unattested errors and corrections in rates, quantities, units or amounts (figures not expressed in words), totals of contract not entered etc. shall be liable to summary rejection.
15. The work shall be completed in all respects within the period specified in the Work Order.
16. The Tenderer shall not without the previous sanction in writing of the authority accepting the tender, execute any Power of Attorney in respect of any matter, touching this contract and any such Power of Attorney executed without such sanction shall not be recognised by or be binding upon the KSACS or their Officers. It shall be entirely within the discretion of the authority accepting the tender either to grant such sanction or to refuse it or to revoke sanction once given.
17. No part of the contract shall be sublet without any written permission of the Project Director, nor shall transfer be made by Power of Attorney authorising others to receive payments on the Tenderer's behalf.
18. **The sanctioning authority reserves the right to reject any tender or all the tenders without assigning any reason thereof.**
19. The Tenderer shall abide by the KGST Rule 1963 and relevant provisions thereof regarding payment of tax to Works Contract. It is further specifically understood that Works Contract / Sales Tax will be borne by the Tenderer in respect of the contract.
20. If the KSACS undertakes to supply any particular material(s), no claim for extra payment on account of delay in the supply of the same will be entertained.
21. Tenders, which are not in conformity with this tender notice are liable for rejection. The Tender Notice with conditions stated therein will form part of the contract documents.
22. The tenderer is bound to carry out extra items of work found necessary during execution of the job. All such items, not covered in the Schedule / Agreement will be paid as per the procedure being adopted in the Government of Kerala / NACO.

Signature of the Tenderer



23. The quantities of regular items given in the tender schedule are only provisional and are likely to vary during execution/supply, depending on actual requirements. In all such cases, the Tenderer is bound to carry out the items for proper completion of the job as per the instructions of the Officer - in - charge at no extra cost to the KSACS.
24. Penal Clause(s) will be in conformity with the clause(s) as in force in the Government of Kerala.
25. Every letter/ notice to be given to the Tenderer may be given to him personally or left at his residence or last known place of abode or business or handed over to his agent, personally or may be addressed to the Tenderer by post at his usual or last known place of abode or business and if so addressed and posted, shall be deemed to have been served on the Tenderer on the date on which, in the ordinary course of post, a letter so addressed and posted would reach his place of abode or business.
26. Payments will be made only after the successful completion of the fabrication work and certification by the authorised officer that it meets all the specification of the Tender & necessary stock entry.
27. The tenderers shall submit along with the tender, documentary evidence of their previous experience in carrying out similar work and of their eligibility in support of their claim for consideration in the matter of award of contract.
28. Tenders which are not in the prescribed form are liable to be rejected. The rates quoted should be only in Indian currency. Tenders in any other currency are liable to be rejection
29. If at any time, any question, dispute or difference whatever shall arise between the two parties (KSACS on the one hand and Tenderer on the other hand) in relation to the purchase either of the parties may give to the other notice in writing the existence of such a question, dispute or difference and the same shall be referred to two arbitrators, one to be nominated by the firm. Either party shall serve such a notice of the existence of any question, dispute or difference in connection with this purchase within 30 days of the beginning of such dispute failing which all right or claims shall be deemed to have been forfeited and absolutely barred. Before proceeding with the

Signature of the Tenderer



reference the arbitrators shall appoint/nominate an umpire. In the event of the arbitrators not agreeing in their award the umpire appointed by them shall enter upon the reference and his award shall be binding on the parties. The venue of the arbitrator shall be at KSACS office at Trivandrum.

30. The courts at Trivandrum will have the jurisdiction to try any matter, dispute or reference between the parties arising out of the contract. It is specifically agreed that no court outside and other than Trivandrum court shall have jurisdiction in the matter.
31. The tenderers are required to quote their rates on Schedule provided with the tender. The rates are inclusive of taxes and should contain a warranty of 2 years besides rates for Annual Maintenance Contract for a 3 year period for the equipments and accessories installed therein.
32. If any tenderer withdraws from the tender before the expiry of the period fixed for keeping the rates firm for acceptance, the earnest money, if any, deposited by him will be forfeited to Government or such action taken against him as Government think fit.
33. Tenderers shall invariably specify in their tenders the delivery conditions including the time required for the completion of work tendered for.
34. Tenderers shall clearly specify whether the goods are offered from indigenous Sources, from imported under a licence. Government reserve the right to reject offers for import of goods, if the import trade control policy in force at the time of award of the contract prohibits or restricts such imports.
35. In the case of materials of technical nature the successful tenderer should be prepared to guarantee satisfactory performance for a definite period under a definite penalty.
36. In case the contractor fails to deliver the work promptly or in case the contractor commits any breach of any of the covenants stipulations and agreements herein contained, and in his part to be observed and performed, then and in any such case, it shall be lawful for the KSACS (if they shall think fit to do so) to arrange for the


Signature of the Tenderer



purchase of the said articles and things from elsewhere or on behalf of the KSACS by an order in writing under the hand of the Purchasing Officer put an end to this contract and in case the KSACS shall have incurred, sustained or been put to any costs, damages or expenses or other moneys shall then or any time during the continuance of this contract be payable by the contractor to the KSACS under and by virtue of this contract, it shall be lawful for the KSACS from and out of any moneys for the time being payable or owing to the contractor from the KSACS under or by virtue of this contract or otherwise, to pay and reimburse to the KSACS all such costs, damages and expenses they may have sustained, incurred or been put to by reason of the purchase made elsewhere or by reason of this contract having been so put an end to as aforesaid and also all such difference in price, compensation, loss, costs, damages, expenses and other moneys as shall for the time being be payable by the contractor aforesaid.

37. The prices quoted should be inclusive of all taxes, duties, cesses, etc, which are or may become payable by the contractor under existing or future law or rules of the country of origin supply or delivery during the course of execution of the contract.
38. The tenders shall clearly specify whether articles offered bear Standards specified by Government of Kerala / Government of India. Previous experience in supply of materials / articles to Health Institutions / NACO shall also specify clearly.

For Kerala State AIDS Control Society.

  
Project Director

Signature of the Tenderer



## 1. Vehicle Technical Specifications:

<b>Engine:</b>	
Engine type	BS-6
Displacement (Engine capacity in CC)	2500-3500 CC, 4 cylinder
Engine power (Max Output)	54 KW or higher
Torque in NM	200 NM or above
<b>Transmission:</b>	
Type	Manual Synchromesh
No. of Gears	Minimum 5 forward and one Reverse
<b>Axles:</b>	
Front	Dead Rigid
Rear	Live Rigid
<b>Steering:</b>	
Type	Power Steering
Turning Radius	Maximum 6.5 meter
<b>Suspension:</b>	
Front:	Semi Elliptical Multileaf Spring
Rear:	Semi Elliptical leaf/Multileaf Spring
<b>Brakes:</b>	
Type	Hydraulic, Dual Circuit, ABS with EBD
Front	Disc
Rear	Disk/Drum Brakes
Parking	Mechanical on Rear wheels
<b>Wheels and Tyres:</b>	
Size	15" or larger rim



Tyre Types	4+1 (2 tyres front and 2 tyres rear with one spare tyre).
<b>Dimensions:</b>	
Wheelbase in mm	Minimum 3300
Overall length in mm	Up to 5550
Overall width in mm	1900 to 2200
Ground clearance in mm	Minimum 200 MM and above
Payload Capacity	Minimum 2500 kgs
Fuel Tank Capacity / CNG	Minimum 70 Lit (Diesel) Minimum 4 cylinders of 12 Kgs each (CNG), if the CNG facility is available in the location where the mobile ICTC is located. The vehicle on CNG should be able to cover minimum 200 kms.
Vehicle Approved under	CMVR approved under category 'M'
Frame and chassis	Monocoque chassis with Ladder type Box Section Tubular Cross Braces
<b>Other Features:</b>	
Colour of Vehicle	White or Super White
Air Conditioning	Driver as well as passenger Cabin should be Air conditioned.



## **Body Technical Specifications:**

### **1.1. General Requirements:**

- 2.1.1 The assembly, sub-assembly and equipment should be integrated in such a way to enable the vehicle function in a reliable way and in a sustained fashion with durability and ensuring safety and comfort to occupants.
- 2.1.2 The design of the vehicle and the specified requirements shall permit accessibility for servicing / replacement and adjustment of components / parts and accessories, with minimum disturbance to other components and systems.
- 2.1.3 The base vehicle with all accessories should be brand new standard commercial products, tested and certified to meet the necessary application requirement in terms of load. The bidder should enclose all necessary brochures, certifications, and proofs in this regard along with the technical bid.
- 2.1.4 Inter-framework should be designed in such a way that it supports the M-ICTC body rigidly and withstand tensional loads under full dynamic conditions. It should ensure optimum stability of the complete construction of the M-ICTC along with complete fitments as well as passengers inside in both static as well as dynamic load situations.
- 2.1.5 The overall dimensions of M-ICTC body cabin (lab testing and counselling area excluding the driver cabin) shall be in the range of 1900 to 2200mm of Width, 2200 mm to 2500 mm in height and up to 4200 mm in length. All over inside height of the vehicle i.e. roaming gap between floor and ceiling will minimum 1950 mm
- 2.1.6 Provision for curtains as indicated in the diagram.
- 2.1.7 W/S Glass-Single piece laminated for clear visibility, as per body profile.
- 2.1.8 The bidder should have the Mobile ICTC Van (Passenger / Medical Utility Bus Body) fabrication facility as per ISO9001:2008 (Specification required) or equivalent certified facilities. The bidder must fulfil the minimum requirements of ISO standards, criteria of fabrication.
- 2.1.9 External paint and logo shall be as prescribed by NACO

### **1.2. Specifications for the type of body:**

- 2.2.1 Body building of Mobile Unit shall be in accordance with AIS 052
- 2.2.2 Fabrication of Body as Bus
- 2.2.3 Complete body should be minimum 20 gauge in galvanized steel
- 2.2.4 Aluminium anti-skid Flooring (14 gauge)
- 2.2.5 Interior finished with Aluminium composite Panel (ACP) sheet



- 2.2.6 Insulation in ceiling and side wall
- 2.2.7 Channel & Pipe Standard: As per the standard for mobile health unit
- 2.2.8 Paint quality should as per automotive industry standard & colour according to the procuring agency.
- 2.2.9 The body should be made from sandwich construction bolted to inter-framework, which shall be connected to the chassis. The walls should be made up of joint less sandwich elements. Outer and Inner Skin should have a minimum thickness of 1.4mm.
- 2.2.10 The body corners should relate to a corner cap.

### 1.3. Flooring

- 2.3.1 The construction of the floor should be the same as those of the body walls as specified above but with additional layers of marine grade plywood in between the outer skin, inner skin and the insulation layer.
- 2.3.2 The top layer of the floor should be made from minimum 1.5 mm thick Anti- skid PVC vinyl matting or FRP / ABS with Anti-skid coating may also be used as the final covering.
- 2.3.3 Joints if any should be properly sealed so that it will not accumulate any dust and facilitate easy cleaning.
- 2.3.4 In normal usage condition the openings / Joints should be congruently matched with the floor hygienically and aesthetically, so that there is no chance of dust and pollution through that opening to the inside environment of the M-ICTC.

### 1.4. Roof

- 2.4.1 The construction of the roof should be the same as those of the body walls as specified above but with additional reinforcement for mounting air conditioning unit, ceiling lamps, fan and other devices to be mounted to it.
- 2.4.2 All the cables and conduits in the ceiling should be completely concealed in its manufacturing and should not be visible either on the inside surface or on the outside surface of the ceiling.

### 1.5. Doors

- 2.5.1 There should be one exit door on the Left Hand side of the M-ICTC.
- 2.5.2 There should be one entrance door at the rear side of the M-ICTC.
- 2.5.3 The door should be designed as to afford easy release and prevent accidental opening.
- 2.5.4 The door should be locked at its fully open and closed position.
- 2.5.5 All hardware should be standard for passenger vehicle usage.
- 2.5.6 the key slot must have an integrated aperture to close the key slot.



- 2.5.7 The lock must have two locking points (dual lock system for passenger vehicle use) at both the ends vertically (top and bottom) operated / actuated by the one handle.
- 2.5.8 The entrance and exit doors should have a foldable Staircase. The staircase must have locks to keep it in folded condition when not in use and fully protected from any accidental opening when the M-ICTC is in motion.
- 2.5.9 Two number of pipe handles on each gate to help the passengers/clients embark/disembark.
- 2.5.10 One call or ring bell near the driver along with buttons near the testing and counselling areas.

#### **1.6. Windows**

- 2.6.1 The M-ICTC should have two windows on one side of bus with sliding glasses, size sufficient for natural light, ventilation and visibility from the bus, as per your layout. The windows should have provision for curtains/blinds.
- 2.6.2 The tinted glass should be set in an acceptable manner in a sturdy durable electrostatic powder painted, automotive grade in aluminium frame.

#### **1.7. Wiring, Electrical Distribution Points & Lighting**

- 2.7.1 All wires shall be concealed and so arrange that they can be readily inspected and renewed without affecting the finish of the vehicle.
- 2.7.2 The wires shall be PVC insulated wires confirming to standardization.
- 2.7.3 The earth return system shall be used for body wiring.
- 2.7.4 There shall be adequate number of lighting elements in all the areas, emitting white light meant for general lighting of the compartment, preferable installed in the roof of M-ICTC.
- 2.7.5 There should be one 12V DC operated, minimum 6" wall/ceiling mounted fans for each compartment like counselling area, examination area and blood collection area.
- 2.7.6 The testing compartment should have minimum number of power sockets required for various technical and general equipment in the M-ICTC. Each compartment of the van to have adequate number of power sockets for general use.

#### **1.8. Awning: To be installed as permitted.**

- 2.8.1 The M-ICTC shall preferably have one sturdy and retractable awnings with extra strong lightweight, white-coated aluminium structure on the driver side.
- 2.8.2 Extendable Teflon coated PVC top awning 14"x8" with retractable aluminium section structure on driver side



2.8.3 Awning shall be silent while opening / closing and travelling and should be motorized in operation based on 12V DC allowing one touch operation for opening and closing of the awnings and should also be able to manually operated in case of malfunction of motorized operation.

2.8.4 Fabric shall be Vinyl UV resistant waterproof and washable, colour as per the client.

2.8.5 The awning must have supporting legs in the fully open condition for support.

2.8.6 The manual operation should be placed at suitable height for ease of access and operation.

### 1.9. Interior and Equipment Required

(All the Items Mentioned bellow should be provided and suitably fitted by the bidder in compliance of Motor Vehicle Act/Rules so as to be registered in appropriate category)

Items	Technical Specification	Quantity
Air-conditioning System	Air Conditioning System Run on Vehicle Engine with appropriate ducting system for cooling of the driver as well as passenger cabin compartment. The AC system should run from vehicle engine as well as generator when stationed. The condenser shall be mounted on the roof top. AC system shall be certified for passenger vehicle usage. Note: Any new standard system should be proposed by the bidder for technical review.	1
Cabin	The rear cabin shall be divided into two compartment counselling and lab testing as per the diagram	2
Work station with power ports	Table and Chairs	3 tables and 4 Chairs
Bed	6 ft long bed as per the layout.	1
Seating	The M-ICTC area will have automotive standard transport-grade seats for minimum four persons. The seats should be comfortable and with complete back support and as per the layout attached	1 seat for 4 people
Storage	Almirah with locks as per the layout attached.	1
Wash Basin	Wash basin with soap dispenser	1
Towel Hanger	Towel hanger	1



<b>Water Tank</b>	Water Storage Tank, minimum 20 Ltrs	1
<b>Wastage Tank</b>	Water Wastage Tank, plastics	1
<b>Curtain</b>	Curtain as per layouts	3
<b>Dispenser</b>	Condom dispenser	1
<b>PA System and speaker</b>	Public address system with minimum 100 Watt RMS. 4 external weather-proof speakers of appropriate power, positioned in external body adequately protected by moisture and injury along with a mic and system.	1
<b>Television</b>	LED TV, with remote control, at least 43 inches, Full HD, USB compatible, mounted, with proper metal casing and padding, with metal shutter for protection.	1
<b>Generator</b>	The M-ICTC shall be supplied with super silent 5-7 KVA Gen-Set petrol generator of suitable power rating to run all electrical items of the vehicle including air conditions, room lighting, medical equipment with pure sine wave output. The generator should be conforming to standards prescribed under environmental protection act and with the rules as applicable.	1
<b>Refrigerator</b>	100 Ltr frost free Refrigerator with a digital temperature meter, should run with and without the generator running.	1
<b>Dustbin</b>	Biomedical waste colour coded bins, foot operated and colour coding should be as per the latest Biomedical Waste (Management and Handling) Rules.	3
<b>First Aid Kits</b>	Medium size first aid box for minor injuries	1
<b>Fire Extinguisher</b>	Fire extinguishers, Clear Agent (5kg) One fitted near driver seats and one in back medical cabin. It should be clearly visible and have easy access for use. Fire extinguisher should meet BIS 13849-1993 or the	2



latest.

<b>Suggestion Box</b>	Portable and able to be installed outside as well as inside of the cabin	1
<b>Towing hook</b>	To be provided accordingly	1
<b>Drinking water</b>	Appropriate space for installation of water dispenser.	1
<b>Desirable</b>	All other requirements including Safety requirements as per the Automotive Industry Standards and Motor Vehicle Act/Rules.	

### 1.10. Indicative Layout of the vehicle:

