

GOVERNMENT OF MEGHALAYA OFFICE OF THE CHIEF EXECUTIVE OFFICER, STATE IMPLEMENTING AGENCY A. H & VETERINARY DEPARTMENT, MEGHALAYA, SHILLONG

Email:ceosiamegh@gmail.com

No. MAHV/SIA/LH & DCP-1/ESVHD-MVU/2021-22/

Dated Shillong, the 9 June 2022

NOTICE INVITING TENDER

Notice Inviting Tender in sealed cover is invited for procurement/Supply of Base Vehicle 4X4 and Customization/Fabrication of these vehicles for using as Mobile Veterinary Units (MVUs) as per the specifications detailed in **Annexure-II & III** The details to be downloaded from *http://megahvt.gov.in* on payment of Rs 2000/-(Rupees two thousand) only by Demand Draft which is non-refundable.

The last date for receiving the Tender is on the $f^{ST}JULY$, 2022 before 2:00 P.M, and the Technical bid will be opened on the $f^{K}JULY$, 2022 at 3:00 P.M

Dr.(Mrs) A. Laloo,
Director A. H. & Veterinary &
Chief Executive Officer,
State Implementing Agency,
Meghalaya, Shillong

DISCLAIMER

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The Information contained in this Notice Inviting Tender document (NIT) or subsequently provided to Interested Parties in documentary or any other form by or on behalf of STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, GOVERNMENT OF MEGHALAYA, or any of their employees or advisors, is provided to Interested Parties on the terms and conditions set out in this NIT and such other terms and conditions subject to which such information is provided.

This NIT is not an agreement and is neither an offer nor invitation by CHIEF EXECUTIVE OFFICER, STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY. GOVERNMENT OF MEGHALAYA, to the prospective Parties or any other person. The purpose of this NIT is to provide Interested Parties with information that may be useful to them in making their Offers/Proposals pursuant to this NIT. This NIT includes statements, which reflect various assumptions and assessments arrived at by the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, GOVERNMENT OF MEGHALAYA, in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Interested Party may require. This NIT may not be appropriate for all persons, and it is not possible for CHIEF EXECUTIVE OFFICER, STATE IMPLEMENTING AGENCY. DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, GOVERNMENT OF MEGHALAYA, its employees or advisors to consider the investment objectives, financial situation and particular needs of each Interested Party who reads or uses this NIT. The assumptions, assessments, statements and information contained in this NIT, may not be complete, accurate, adequate or correct. Each Party should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this NIT and obtain independent advice from appropriate sources.

Information provided in this NIT to the Interested Parties is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, GOVERNMENT OF MEGHALAYA, accepts no responsibility for the accuracy or otherwise for any interpretation, or opinion on law expressed herein.

THE STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, GOVERNMENT OF MEGHALAYA, its employees and advisors make no representation or warranty and shall have no liability to any person, including any party under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this NIT or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the NIT and any assessment, assumption, statement or information contained therein or deemed to form part of this NIT or arising in any way for participation in the Bidding Process.

ANNEXURE-I

Tender Notice for Supply of Base Vehicle 4X4 and Customization/Fabrication of these vehicles for using as Mobile Veterinary Units (MVUs) under Schemes of Department of Animal Husbandry & Veterinary, Government of Meghalaya

1. OBJECTIVES:

Human being in the first place can access health services which are available very close to human settlements by accessing public transport or private transport. But that is not the case with animals. Treatment and care of the animals by the veterinary doctor is in the hands of owner. On the other hand, livestock cannot be transported to Veterinary care facility through public transport like Bus or private transport like Taxi. It needs specialized mode of transport for transporting them to the nearest Hospital/Dispensary and if the distance is large, it becomes more expensive on the part of the owner to bear the cost. Moreover, taking the sick animals on foot is time consuming and also may have further adverse impact on their health.

Taking into account the above limitations it thus, prevents them (animals) altogether from accessing to health services.

In order to addressed the above issues, The Government of Meghalaya (GoM) through the Department of Animal Husbandry & Veterinary with an aim to provide better Veterinary Services (preventive and curative) to livestock within the State has conceptualized the introduction of Mobile Veterinary Services for reaching out to livestock at the door steps of farmers. This will in turn increase an awareness to the farmers to take care of their livestock's health more effectively which will further improve their health and ultimately increase the productivity and help in upliftment of their livelihood

With the above mentioned broad objectives, the Government of Meghalaya through the Department of Animal Husbandry & Veterinary with the financial support from the Government of India under the Livestock Health & Disease Control (LH & DC) intends to improve the veterinary services by introducing Mobile Veterinary Units (MVUs)

With the intention of meeting the above aims and objectives the State Implementing Agency (SIA), Department of Animal Husbandry & Veterinary, Government of Meghalaya which is the Implementing Agency for executing the Scheme/Project intends to invite proposals from interested, reputed and qualified Company/Firms for Supply of Base Vehicle 4X4 and Customization/Fabrication of these vehicles for using as Mobile Veterinary Units (MVUs) for the purpose of diagnosis and treatment of animals at farmer's doorstep.

The NIT should be accompanied by a refundable EMD of Rs. 15.0 Lakhs for Non-Tribal category of bidders & Rs. 7.5 Lakhs /- in case of ST/SC Bidders in the form of Demand Draft drawn in favour of

"The Chief Executive Officer, Department of Animal Husbandry & Veterinary, Meghalaya, Shillong", payable at Shillong. The State Implementing Agency reserves the right to reject any /all applications without assigning any reasons thereof. The NIT document can be obtained from the office of the State Implementing Agency, Department of A.H & Veterinary, Lumdiengiri, Shillong between 11:00 hrs to 13:00 hrs on any working day before last date of submission of NIT or alternatively can be downloaded from our website: http://megahvt.gov.inand on payment of Rs. 2000/- (Rupees two thousand) only non-refundable in the form of a Demand draft for the cost of NIT Document.

The Proposals/NIT, should be addressed to The Chief Executive Officer, Department of Animal Husbandry & Veterinary, Government of Meghalaya, Lumdiengjri, Shillong-793002, and should reach before 2.00 P.M. on or before 15 1424 2022

Director A. H. & Veterinary & Chief Executive Officer, State Implementing Agency, Meghalaya, Shillong.

Email: meghvety@gmail.com

THE STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, GOVERNMENT OF MEGHALAYA, also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Interested Parties upon the statements contained in this NIT. THE STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, GOVERNMENT OF MEGHALAYA may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this NIT.

The Interested Party shall bear all its costs associated with or relating to the preparation and submission of its offer including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by THE STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY. GOVERNMENT OF MEGHALAYA, or any other costs incurred in connection with or relating to its offer. All such costs and expenses will remain with the Party.

Either the issue of this NIT or its submission by the Party does not vest any right in the Interested Party for being selected for award of the Project.

THE STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, GOVERNMENT OF MEGHALAYA, reserves the right to reject all or any of the offers without assigning any reason whatsoever.

Dr.(Mrs) A. Laloo,
Director A. H. & Veterinary &
Chief Executive Officer,
State Implementing Agency,
Meghalaya, Shillong

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2. BROAD SCOPE OF WORK:

- i. Bidder's scope of work and supply shall comprise <u>Supply of Base Vehicle 4X4 and Customization/Fabrication of these vehicles for using as Mobile Veterinary Units (MVUs)</u> to the satisfaction of the client at the cost of the selected bidder.
- ii. Bidder should declare and provide the list of similar vehicles' supplied.

3. ELIGIBILITY CRITERIA:

Bidder intending to bid shall fulfill the following eligibility criteria:

- i. The bidder should be India based reputed vehicle dealerand should be in business of vehicles supplyand maintenance of the offered service for a minimum period of Three years in India preceding to the bid calling date and should have capacity of body building and fabrication of vehicle.
- ii. The bidder should have minimum annual turnover of Rs.1.00 Crore, during each of three financial years of 2019-20, 2020-21 & 2021-22.
- iii. The vendor must have supplied/sold at least 20-30such customized vehicles during the last three financial years (Proof of the PO copies and relevant documents to be submitted).
- iv. Satisfactory certificate or purchase orders showing the number of vehicles supplied/sold for the last 3 years as on bid calling date.
- v. Should have proven *After Sale Services* especially in the state, and should make declaration in support to this.
- vi. Proof of Financial Status in the form of balance sheet/ITR for 3 (three) years. (Copy to be enclosed).
- 4. **OUTPUTS:** The selected Bidder is expected to:
- i. Propose a draft work-plan within 15 working days of the assignment in consultation with the State Implementing Agency. The draft work-plan should include the Plan of Action to undertake the assigned task for Supply of Base Vehicle 4X4 and Customization/Fabrication of these vehicles for using as Mobile Veterinary Units (MVUs).
- ii. Any other information deemed proper on the part of the Bidder.

5. <u>BIDDING PROCEDURE:</u>

- The Bidder qualifying the above criterion shall submit the bids in two separate sealed envelopes.
- ii. Sealed Envelope (A) would include detailed Technical Bid as per Annexure-II & III and EMD (Earnest Money Deposit) along with detail declaration as per Annexure-IV and also a brief history/background of their Company/Firm.
- iii. Sealed Envelope (B) would include the Price Bid as per Annexure-V
- iv. Both Envelope A and Envelope B must then be placed in one larger envelope(sealed) super scribing "Tender for Supply of Base Vehicle 4X4 and Customization/Fabrication of these vehicles for using as Mobile Veterinary Units (MVUs)" addressed to the Chief Executive Officer. State Implementing Agency, Department of Animal Husbandry& Veterinary, Meghalaya, Lumdiengiri, Shillong-793002.
- v. Unsealed materials will not be accepted. Bidder is solely responsible for proper sealing of the tender document and accidentally opening of sealed envelopes shall be his sole responsibility.
- vi. Bids must be written in English only.
- vii. Price should be quoted in Indian Rupee [both in figure and in words].
- viii. Any Bid received after the deadline for submission of Bid will be rejected outright and bidder will have to collect their bid document at their own expenses.
- ix. Technical bid will be opened on 4 FJULY, 2022 at 3:00 P.M in the presence of the bidder or his/her authorized representative (if so desired).

6. DOCUMENTS TO BE SUBMITTED WITH THE BID:

- I. Notice Inviting Tender (NIT) as per detail specification at Annexure-II & III
- II. EMD in the form of Demand Draft drawn in favour of Chief Executive Officer, State Implementing Agency, Department of Animal Husbandry & Veterinary, Meghalaya payable at Shillong.
- III. NIT Document Fee in the form of Demand Draft drawn in favour of Chief Executive Officer, State Implementing Agency, Department of Animal Husbandry & Veterinary, Meghalaya payable at Shillong.
- IV. History/Background of the Company/Firm.
- V. Infrastructure and other facilities available with the Company/Firm whether in the country or abroad.
- VI. Details of similar assignment completed by the bidder whether in the State or nearby State (to be supported by document) in respect of which the intending bidder is a Certified/Authorised Agent of the manufacturer (to be supported by relevant certificate from the manufacturer).
- VII. Experience in carrying out related NIT assignments, value of work rendered (on-going/ executed) with the names and addresses of such clients.
- VIII. Detail of Financial status of applicant.
 - IX. Details of educational qualification and experience details of key personnel being proposed to handle the project.
 - X. Accreditation/quality certification (if any) of the Company/Firm.
 - XI. Last 3 years balance sheet/audited statement of accounts.
- XII. Authenticated copy of certificates of incorporation/registration and Memorandum of Association/Articles of Association/Trust Deed/Constitution of the Company.
- XIII. Authenticated copy of GST registration certificate.
- XIV. Authenticated copy of Income tax returned/Income Tax exemption certificate
- XV. Addition of authenticated copy of PAN.

The applicant in addition to furnishing complete information with the documents shall furnish a complete document on the proposed approach and work plan for rendering the services asked for. Every sheet of NIT document and all forms/Annexure complete in all respect shall be signed by the person/persons dulv authorized to sign on behalf of the applicants as a token of having understood and accepted all terms and conditions mentioned in NIT document. Any /all corrections made in the offer shall be duly authenticated by the signature of the authorized signatory.

7. Period of Validity of Bids:

Validity of Bids shall be 12 months after the date of price bid opening. Any bid valid for a shorter period shall be rejected by the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY as non-responsive.

- i. In exceptional circumstances, STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The Earnest Money provided shall also be suitably extended.
- ii. A Bidder granting the request will not be permitted to modify its bid conditions.

8. Earnest Money Deposit (EMD):

- i. The Bidder shall furnish, as a part of its bid, Earnest Money of Rs.15.00 Lakhs (Rupees Fifteen lakhs) only for Non-Tribal category of bidders & Rs.7.50 Lakhs (Rupees Seven Lakhs and fifty thousand) only in case of ST/SC Bidders.
- ii. The Earnest Money is required to protect the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY against the risk of Bidder's conduct, which would warrant the security's forfeiture.
- iii. The Earnest Money shall be in the form of Demand Draft pledged in favour of the Chief Executive Officer, State Implementing Agency, Department of Animal Husbandry & Veterinary, Meghalaya payable at Shillong
- iv. Any bid not accompanied by Earnest Money will be rejected.
- v. Unsuccessful Bidder's Earnest Money will be discharged or returned as promptly as possible as but not later than 90 (ninety) days.
- vi. The successful Bidder's Earnest Money will be released upon the Bidder signing the contract.
- vii. The Earnest Money may be forfeited:-
- a. If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form.
- b. In case of a successful Bidder, fails to sign the contract.

9. Terms & Conditions:

- i. The Bidder must have successfully completed supply of minimum of 30 numbers or more such vehicles during the last three financial years (to be submitted with necessary documentary evidence).
- ii. The rates quoted should be valid for a period of at least 12 months from the date of opening of bids.

10. Award Criteria:

- i. The STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY will award the contract to the successful Bidder (L_i) whose bid has been determined to be substantially responsive and finalized based on the suitability with reference to the prescribed criteria and competitiveness of the price quoted provided further that the Bidder is determined to be qualified to perform the contract satisfactorily. However, if the terms and conditions are not found as per the prescribed norms, the claim of the lowest quote (L₁) will be ignored.
- ii. In case L₁ bidder fails to sign the contract, the L₂ bidder may be offered to supply the said items with all complete specifications at L₁ price if he agrees to do so. Otherwise, the matter shall be referred to State Implementing Agency for necessary orders/opinion who may in turn refer the matter to competent authority of Government of India
- iii. <u>In case of Successful Non-tribal bidder, they will have to produce Trading License from respective</u>
 Autonomous District Council.

11. STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY Right to accept any Bid and to reject any or all Bids

The STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, MEGHALAYA reserves the right to accept or reject any bid, and to annul bid process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY's action.

12. Notification of award:

- i. Prior to the expiration of the period of bid validity, the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY will notify the successful L₁ Bidder in writing by registered letter or by email, to be confirmed in writing by registered letter, that its bid has been accepted.
- ii. The notification of award will constitute the formation of the contract.
- iii. Upon the successful Bidder's furnishing of the contract the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY will promptly notify each unsuccessful Bidder and will discharge their Earnest Money.

13. Signing of Contract

The supplier, on award of the contract should execute an agreement with STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, MEGHALAYA on non-judicial stamp paper of Rs 2000/- (Rupees two thousand) only at the expense of the supplier incorporating the terms and conditions.

14. Security Deposit:

- i. Within fifteen (15) days of receipt of the Notification of contract award, the successful bidder shall furnish to the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY the Security Deposit at the rate of 2% of the value of supply order.
- ii. The Security Deposit shall be in the form of Demand Draft drawn in favour of THE CHIEF EXECUTIVE OFFICER, STATE IMPLEMENTING AGENCY, DEPARTMENT OF A.H. VETERINARY, Meghalaya, payable at Shillong.
- iii. The proceeds of the Security Deposit shall be payable to the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, MEGHALAYA as compensation for any loss resulting from the Supplier's failure to complete the obligations under the contract.
- iv. Failure of the successful Bidder (L₁) to sign the contract and/or furnish the Security Deposit shall constitute sufficient grounds for the annulment of the award and forfeiture of the Earnest Money, in which event the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY may make the award to the next lowest evaluated Bidder (L₂) at L₁ price.
- v. The Security Deposit will be released by the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY and returned to the Supplier not later than 90 days following the date of completion of the Supplier's performance obligations under the contract.

15. PENALTY CLAUSE

For non-performance/delayed performance, the following penalties may be imposed on the successful bidder:

- (i) Forfeiture of Security Deposit.
- (ii) Deduction of 5% of fees for each week of delay.

16. Resolution of Disputes

- i. The STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY and the Company/Firm shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the contract, failing which either party may approach a competent court having jurisdiction to resolve the dispute at Shillong.
- ii. For resolution of disputes, appropriate legal action shall be initiated in consultation with Law Department, Government of Meghalaya. Relevant sections of Indian laws as amended from time to time shall be applicable and binding on the bidder.

17. Standards:

The services provided under this contract shall conform to the standards mentioned in the Technical Specifications.

18. Acceptance:

Acceptance both provisional and final regarding the bid will be by the CHIEF EXECUTIVE OFFICER, STATE IMPLEMENTING AGENCY, DEPARTMENT OF A.H. & VETERINARY, GOVERNMENT OF MEGHALAYA or his authorized representative.

19. AMENDMENT TO NIT:

At any time prior to the last date of receipt of bids STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the NIT document by an amendment. In order to provide prospective bidder reasonable time in which to take the amendment into account in preparing their bids, the STATE IMPLEMENTING AGENCY, DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY may at its discretion, extend the last date for receipt of bids and/or make other changes in the requirements set out in the invitation to NIT.

Dr.(Mrs) A. Laloo,
Director A. H. & Veterinary &
Chief Executive Officer,
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Meghalaya, Shillong.

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ANNEXURE-II

TECHNICAL SPECIFICATIONS FOR BASE VEHICLE 4X4 MOBILE VETERINARY UNITS (MVUs)				
INDEX PARTICULARS DESIRABLE TECHNICAL SPECIFICATIONS				
1	ENGINE			
1.01	Туре	Diesel Engine		
1.02	Turbo Charged	Turbo Charger with inter cooler		
1.03	No of Cylinders	4, In-line		
1.04	Displacement	2000 to 4000 cc		
1.05	Emission Norms	BS-6		
1.06	Max. Net Engine Output	Min 100 BHP		
1.07	F.I.P.	BOSCH/ MICO/DELPHI		
1. 08	Fuel Tank Capacity	Minimum filling 40 liters		
1.09	AC	With AC Cabin		
2	OVERALL BODY DIMENSIONS (mm)			
2.01	Wheel Base	2500 - 3500 mm		
2.02	Overall Width	1700-2000 mm		
2.03	Overall Height	1800-2000 mm		
2.04	Ground Clearance-Laden	Minimum 190 mm		
2.05	Turning Radius	LESS THAN 8 METERS		
2.06	. Body Type	Pick up		
2.07	Overall length	Minimum 3000mm		
2.08	Payload	1200-1300kg	_	
3	ELECTRICALS	·		
3.01	Battery	Single 12 V, 100 AH, maintenance free with 18 + 18 months warranty from the date of sale.		
3.02	Alternator	Single Alternator of 90 - 105 Amps capacity		
4	TRANSMISSION			
4.01	Gear Box	5F + 1R		
5	STEERING			
5.01	Steering System	Power Steering system only		
6	TYRES			
6.01	Tyres (Front)	Radial tyres of 15 inches Tubeless		
6.02	Tyres(Rear)	Tadam tyres of 15 mones 1 doctess		
7	BRAKE SYSTEM			
7.01	Туре	Hydraulic /air brake		
7.02	Safety	ABS system is compulsory		
8	SEATING CAPACITY	D+1		
9	WARRANTY	2-3 Years		
9.01	Maintenance Cost	Maximum 8000/- per service		
9.02	Availability of Service (Repair and Maintenance Centres)	Mobile Veterinary Unit should be backed by service on site networks for maintenance and repairs		

INDEX	PARTICULARS	DESIRABLE TECHNICAL SPECIFICATIONS	YES/NO
10	WINDOWS AND DOORS		
10.1	Windows for good ventilation	Sufficient Windows in the patient cabin at both RH & LH sides with sliding Glasses./butterfly type	
10.2	Rear Doors	Dual hinged (bolts fitted) door with 270 degrees opening out at the rear with glass view panels. Positively Securable in fully open condition of 270 degrees with mechanical / Magnetic locking mechanism on side walls.	
11	FOOTSTEP	Tans.	
11.01	Foot step	Foot step of 190-200 mm width, 380-400 mm height from the ground and length equivalent to the width of the rear body	
11.02	Mud Flaps	Four mud flaps to be given along with the bare vehicle	
12	TOOLS AND ACCESSORIES		
12.01	Mechanical jacks	One set of standard mechanical jack of 1.5 ton capacity	
12.02	Wheel spanners	Wheel spanner one and choke blocks 2 no's	
12.03	Lights on number plates	Front and rear number plates to be provided with lights on number plates	
12.04	Colour of accessories	Front and rear bumpers/corners/door claddings and side view mirrors to be in vehicle body colour/OEM 's offered colour is accepted	
12.05	Alarm system	Alarm to be provided when rear doors are in open condition	
12.06	Tool Kit	Tool kit should be supplied along with the vehicle	
12.07	Digital speedometer/ odometer	Digital speedometer to be provided	
12.08	Reflecting stickers	Reflective stickers to be used as per CMVR/ARAI/RTA rules and regulations	
13	DRIVER AND CO DRIVER SEATS		
13.01	Driver seat		
13.02	Height	Adjustable Height,	,
13.03	Back rest	Adjustable Back Rest, with good inclination	
13.04	Slider adjustment	Seat Slider Adjustment, with stroke length of 140mm OR as per CMVR standards	
13.05	Seat belt	Seat Belt,	
13.06	Co-Drivers seat	Seat Belt,	
14	OTHERS		
1,4.01	Rear view mirrors	Rear view mirrors (both side) should be placed on doors, for they should not interfere with the door opening and remain functional on	
14.02	Sun visors	Sun Visor to be provided on both the sides. Mirror to the sun visor on codriver side to be provided	
14.03	Cabin's rear view mirror	Cabin's rear View Mirror (so that the Driver could see through the Patient Compartments activities in case it is necessary).	
14.04	Fire wall	Fire Wall with Complete Fire retardant Insulation of the Cabin (protection from fire &heat)	
14.05	Engine bonnet	Engine Bonnet &hood should be insulated with fire retardant material from inside and dampening liner, to be properly locked and sealed	
14.06	Cabin roof	Cabin roof should have proper and removable cover with fire retardant material as per ARAI	 ,

ANNEXURE-III

SUPPLY OF BASE VEHICLE 4X4 AND CUSTOMIZATION/FABRICATION OF THESE VEHICLES FOR USING AS MOBILE VETERINARY UNITS (MVUS) UNDER SCHEMES OF DEPARTMENT OF ANIMAL HUSBANDRY & VETERINARY, GOVERNMENT OF MEGHALAYA

YES /NO

A. SCOPE OF FABRICATION WORK

Squat bench / attendant and Helper seat- (with Seat belts) with storage for EM rescue tools.

- I. Along with Left wall the squat bench to be installed (on LH wheel hump). The bottom of the seat to be mounted on 4x50X50 mm size MS angles with bolts fitted to heavy duty hinges at three places. Such hinges should be along the seat length. These heavy duty hinges are to be placed at equidistance. All the bolts should be mounted on the reinforcement given to seat.
- II. A minimum 50mm thick, 50 or higher density Foam cushion such as bucket seat to be provided on 12 mm water proof and fire retardant ply board for comfort. The same should be Upholstered top, side and bottom with non absorbent Rexene of silver gray color properly fastened.
- III. The seats to be open able type to lift and place the equipment or tools inside the seat bench
- IV. The back rest of the seat should be made of 12 mm water proof and fire retardant ply wood with 25 mm thick and 50 mm density foam cushion. The seat has to be fastened to wall as well as the pillars of the body structure for firm grip. The size of the cushion seat is 900mm length, width 400mm and 150mm height. The same should be Upholstered top, side and bottom with non absorbent Rexene of silver gray color properly fastened.
- V. Dimensions of the Seat bench: Length = 850mm, Width=400mm. Height = 470mm. The inner box area should be covered with the 4mm thick black color Heaton sheet properly glued to the inner surface of the bench.
- VI. The seat bench to be made of FRP (min 4 mm) outside and with the Mild steel (MS) flat 32X4 mm thick frame reinforced within, to carry 500 kg weight and to be painted with PU paint.
- VII. Re enforcement to seat bench has to be given in equal distance for storage of tools and accessories.
- VIII. The floor joints to be sealed with silicon paste sealant to prevent water seepage into the storage area. Four suitably placed good quality seat belts are to be provided with proper reinforcement on top and bottom.
- IX. A stopper to be provided for holding the Squat bench in opening position at rear end (from entrance side) of the Squat bench in 90 degree position with proper reinforcement. Velcro to be provided for holding the bottom on to the back rest.

Doctor's seat and table

A doctor's table to be provided along the left wall adjacent to squat bench. The table to be made with dimensions such as 400mm L x 400mm Wx 700mm height. The storage box drawers dimensions, bottom drawer -400mmLx 400mm Wx300mm H, the middle drawer 400mmLx 400mmWx 250mm H and the top drawer with 400mm Lx 400mm Wx 150mm H.

A seat for the doctor is to be provided adjacent to the table for sitting and can use the table for writing purpose

Flooring

- a. A water proof fire retardant marine ply board with 12mm thickness is to be used for flooring with maximum two joints coming around the centre of the body. Ply wood mounting should be equal surface around the floor. Ply wood should be mounted on the floor with sufficient reinforcement.
- b. A storage rack to be made on floor to place the medicine with dimensions of 1800mm L and Width 400 mm and height 400mm adjacent to the wheel hump. This is divided into 5 compartments. The 4 top drawers from rear end to be with dimensions of 350mm L x400mm W x 125mm H. The bottom 4 drawers from rear end to be with dimensions of 350mm L x 400mm W x 275mm H. The fifth drawer from rear end is single with 400mm L x 400mm W x 400mm H.
- c. The storage box to be made with plywood and covered all sides with sun mica sheet.
- d. A hallow box to be made above the storage rack with the dimensions of Length 1800 and width 700mm (from right wall) and with height of 300mm, this to be strong enough and to be used for keeping a stain less steel examination table with dimensions 5 ' length and 2.5 ' width.
- e. The space behind the storage area which covers the hump can be made as storage boxes for keeping rope, vehicle tools etc.

The flooring should be covered with Al Sheets and pasted with anti skid vinyl of 1.6mm thickness to protect the hoofs and paws of animals.

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	Examination table		
5	An examination table to be put over the hallow rack with the dimensions of 900mm L x 450mm w at		
	The examination table should be a foldable and provision at the upper part above it for storage of supplies.		
<u> </u>	Surgical equipment and first aid box:		
6	Provision to be made to the surgical equipment box and first aid kit behind the stretcher box in the place available with Velcro and clamp mechanism.		
7	Communication Window A sliding access window between Driver's Cabin and Doctor's Compartment should be provided at appropriate location for visual checks and voice communication between the cabin and Doctor's compartment. This window shall be fitted with safety glasses complying with requirements of IS 2553, Part 2 and should be latch able from the patient cabin side and should be transparent and shall have adjustable opening. This window should also have a roll down curtain.		
	Windows: 3nos.		
8	l window detachable, l window sliding, l window fix. As per standards of communication windows mentioned above.		
9	 Grab Rails: A 2000mm long SS pipe of 30mm dia, 1.5 mm wall thickness to be placed as grab rail on the Ceiling with proper aluminum oval shape support brackets at four places in equal distance. All the brackets should be riveted with grab rail. 		
	• A 700mm long SS Pipe 30mm dia, 1.5 mm wall thickness to be placed as Grab rail near the LHS rear door at LHS wall 550 mm from the floor with firm metal support brackets at the ends with proper reinforcement.		
10	Rear Footsteps: To be provided in the form of collapsible stairs or ramp at the entry to bear 150kg of weight made of all SS/Aluminium corrugated sheets.		
11	Fire extinguisher hold: Provision with straps / Velcro with reinforcement on wall for placing a fire extinguisher should be provided with holding bracket on the floor with proper size at the right side corner of the rear door entrance. Provision to be given in pilot compartment for holding the 1 kg fire extinguisher		
ļ	LN2 Container:		
12	Should have Pre fitted LN2 Container of 8litres capacity for ultea low temperature preservation used for carrying biological samples, semen straws for artificial insemination, etc.		
13	GPS tracking System: MVU should have GPS tracking system.		
14	Connectivity with Call Centre: Seamless connectivity with government call centre including calls recorded forfuture reference with voice to text to voice transcription feature to help veterinarian create quick prescriptions.		
15	Record Maintenance: MVU should have integrated and comprehensive treatment, healthcare, health record maintenance, IT solution for animals.		

General:

- Provision for placement of power switches/ sockets/ fans/ air conditioner, telemedicine and for upgrading other electrical items shall be made available in paneled walls.
- Provision for I.V hooks & holders 2 no. should be made on the front RHs wall and one at rear RHS wall with proper reinforcement and Velcro arrangement
- Six plug switch board with on/off switches of standard quality (230 V AC) (With Combination of 5 & 15 AMPS) to be made available on the RHS wall around Medical Equipment's console Area.(Refer drawing)
- ONLY MULTI PURPOSE THREE PIN SOCKETS TO BE USED IN A/C CIRCUIT
- Identification sticker for all electrical switches, medical equipments and racks etc. to be pasted.

B: SCOPE OF ELECTRICAL WORK:

Flashers with Siren, Spot Lights, Tube Lights:

- Spot lights 5 no's to be provided on sealing (5 no's DC Warming lights-non-external lighting) with Siren along
 the length of the patient cabin inside the ambulance with one of the light coming above the test bench.
 (LUMAX /AUTOLITE/GRAND MAKE OR EQUIVALENT AUTOMOBILE GRADE).
- LED lights 5 no's with fixture and 12V DC powered on the both sides for internal lighting each on a separate circuit with a LED type. (METALITE, INNOVLITE OR ANY AUTOMOBILE GRADE) Voltage: 12V DC, Amps: 2.1, Lumens: 2175 Dimension (mm): 920.8x66.1x63.5 weight (kg): 0.953.
 ONLY UNIVERSAL TYPE THREE PIN SOCKETS TO BE USED FOR A/C SUPPLY
 - *All bulbs and lights should be sourced from renowned Indian brands only

Electrical Wiring:

All The main Components like,

- o Each of Internal Lightings (Led Lights),
- o Internal Lightings (Spot Lights),
- o Each of Medical Equipment's powering Sockets etc.
- Should have separate circuits, (Power drawn directly from source (with proper cut off switch after Battery/Inverter) and a Fuse in it).
- A laminated copy of standard wiring colored diagram for Air conditioning, AC and DC wiring separately should be provided with each ambulance for reference.
- All precautionary measures should be taken in to consideration within the Scope of Auto Electrical work to avoid any accidental fire incidence during installation of any Electrical gadget, or any provision for that.
- There should be short-circuit as well as overload protection through fuses / Mini Circuit Breaker (MCB) for different segmented electrical installations and the fuse rating should be mentioned on each fuse as well as Three numbers of each fuse should be housed in the fuse box covered or at appropriate place.
- All electrical and electronic components shall be selected to minimize electrical loads thereby not
 exceeding the Vehicle's generating system capacity. All electrical system components and wiring shall be
 readily Accessible Through access panels for checking and maintenance.
- All switches, indicators, and controls shall be located and installed in a manner that facilitates easy removal
 and servicing. All exterior housings of lamps, switches, electronic devices, connectors, and fixtures shall be
 corrosion resistant and weather proof.
 - All switches, connectors, end-wiring should be rated to carry out minimum 125 % of their maximum ampere load. All wiring should confirm to ISI2645 specification.
- The wiring shall be permanently color coded or marked the entire length of the wire for identification with easily read numbers and letters, or both, and routed in conduit. When cables are supplied by a Component manufacturer to interconnect system components, these cables need not be continuously Color coded/identified. They shall be coded/ identified at the termination or interconnection points. All added wiring shall be located in accessible, enclosed, protected locations and kept at least 15 cm (6 inch.) Away from exhaust system components.
- 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. Battery cable
 terminals, component terminals and connectors exposed to the ambient shall be coated with Terminal
 corrosion preventive compound.
- Electrical panels that are accessible to accidental contact shall have a protective cover, shield, and so Forth, to prevent shorts that can result in injury, fire, or damage to the electrical system.

Fuse and Other Safety Measures:

- Battery main cut off switch to be provided without naked wires or mounting.
- A separate Fuse to each of the (as mentioned above) circuits to be given.
- There should be an Indicating sticker to be pasted to each fuse on the fuse Box to identify the Fuse separately.
- · There should not be any joints within the Circuit Wiring,
- At any unavoidable wiring junction(s) the wires should be joined through Bakelite Connectors.
- There should not be any loose wiring and loose joints.
- Other than vehicle wiring harnesses, all wires/harness used for should be (Flexi Cab, Finolex or equivalent make
 - with fire retardant grade) All the wiring provided shall be copper with insulation having high temperature resistant.
- All wiring(including groundings), devices, switches, out lets etc except circuit breakers shall be rated to carry at least 125% of the maximum ampere load.
- All splices and terminals provided shall comply with SAEJ163 standards.
- All the electrical wires and accessories should carry ISI Mark, with CML Number and be approved by technical committee and should be of (ARAI/ISI) automobile standards.
- All other unspecified Parts necessary for the Wiring should be of Automobile grade and/or ISI Certified with CML Number.
- Same color code wires to be used for all ambulances for respective circuits.
- All wiring harness should be covered with crocodile sleeves and should be routed properly.
- Only electronic type relays to be used and to be concealed. (no relay or fuse box should be visible outside)
- Wiring necessarily passing through oxygen compartment should be protected from damage.
- All the holes drilled for wire routing, holes edges to be covered with rubber sealing (Grommet) to prevent wire damage.
- Rear door opening alarm has to be provided
- External charging port of 230VAC to be provided at the rear side of the vehicle below the rear door and above the
 foot board for operating the AC points and charging the battery. A 10 mtr long wire with plug to be provided
 along with this for external connection.

<u>Cold Storage</u>: Electrical operated Refrigerator (20lits) for storage of vaccines and medicines etc. is to be provided.

DC connections Socket:

i) Crabtree, 2 DC Sockets 12 V near Equipment are to be provided.

Roof / Wall mounted fans:

- a. Half Safety metal guard. Screw mounting. Oscillating, 200 mm fan blade, operated by DC 12V in 2 nos. in the Patient's compartment.
- **b.** One fan (same as above) in Pilot Compartment.
- c. Roof light to be fitted in pilot cabin.

Exhaust Fan:

Two 200 mm bush less 230Volts Exhaust fan(shutter type) to be mounted to the partition wall between Pilot and patient compartment-one to pump in ambient air into the patient compartment, second for clearing the gases from patient compartment to outside.(Should be sourced from renowned Indian brand only with ISI certification)- (Havel's or Bajaj).

Graphics: Complete exterior graphics/painting including logo has to be done as per the specifications and designs given by State Implementing Agency, Meghalaya, Shillong.

NOTE: The fabricator is required to submit the of purchase of Ply wood, vinyl mat, SS sheets, paints, electrical items, FRP chemicals, foam, pressure pipes, inverter, and invoices flow meter.

The complete fabrication of the interior should be securely fastened for any jerk and vibration with damper boots. The complete interior fixtures to be modular and it should be removable for future cleaning and sterilization.

C: WORKMANSHIP CRITERIA FOR ACCEPTANCE:

(General appearance of the vehicle shall not show any evidence of poor workmanship)

The following shall be reason for rejection:

- 1. Rough, sharp or unfinished edges, burrs, seam, sharp corners, joints, cracks, and dents.
- 2. Non-uniform panels. Edges that are not filleted, beveled, etc.
- 3. Paint runs sags, orange peel, "fish eyes", etc. and any other Imperfection or lack of complete coverage.
- 4. Body panels that are uneven, unsealed, or have voids.
- Misalignment of body fasteners, glass, viewing panels, light housings, other items with large or uneven gaps, spacing etc. such as door, body panels, and hinged panels.
- 6. Improper body design or interface with the chassis that could cause injury during normal use or maintenance.
- 7. Improperly fabricated and routed wiring or harnesses.
- 8. Improperly supported or secured hoses, wires, wiring harnesses, mechanical controls.
- 9. Loose, vibrating, abrading body parts, components, subassemblies, hoses, wiring harnesses or trim.
- 10. Interference with chassis components, body parts, doors, etc.
- 11. Leaks of any gas or fluid lines, (AC, coolant, oil, oxygen, etc.)
- 12. Abnormal Noise, panel vibrations, etc.
- 13. Sagging, non-form fitting upholstery or padding.
- 14. Incomplete or incorrect application of rust proofing.
- 15. Inappropriate or incorrect use of hardware, fasteners, components, or methods of construction.
- 16. Incomplete or improper welding, riveting.
- 17. Visual deformities.
- 18. Lack of uniformity and symmetry where applicable.
- 19. Unsealed appurtenances or other body components, gaskets, etc.
- 20. In addition, any deviation from specification requirements (refer Annexure-I) or any other item, whether or not stipulated herein, that affects form, fit, function, durability, reliability, safety, performance or appearance shall be cause for rejection.
- 21. Defective components shall not be furnished. Parts, equipment, and assemblies, which have been repaired or modified to overcome deficiencies, shall not be furnished without the approval of Department of Animal Husbandry. Welded, bolted, and riveted construction utilized shall be in Accordance with the highest standards of industry. Component parts and units shall be manufactured to definite standard dimensions with proper fits, clearances, and uniformity. (All the old parts (removed parts from Ambulance like partition, stretcher, etc. to be handed over to State Implementing Agency).

Penalty on Warranty services repairs:

- a) All the complaints to be attended within maximum time of 24 hours in city and 48 hours in rural area from the date of receipt of complaint
- b) If not attended a penalty of Rs 100/- per day per vehicle will be deducted from PBG
- c) All minor complaints should be rectified within 3 working days and major complaints should be rectified within 6 working days
- d) If the supplier fails to rectify the complaints within the stipulated time, a penalty of Rs 200/-per day per vehicle will be deducted form PBG
- e) If the complaint is not attended till 15 days the same will be carried in the local market or in Authorized Service Center and Debit note will be sent along with penalty
- f) If the supplier is not responding to the above complaints, he will be not given preference in future tender / order or black listed

Signature & Seal with date

ANNEXURE IV

Detail Declaration
(To be filled and submitted by the Bidder)

SI.	Particular	To be filled in by the bidder
No	1 articular	To be fixed in by the bidder
1.	Name & Address of the bidder /Company/ Firm/Supplier	
2.	Telephone Nos. / Fax No./ E-mail / website	
3.	Date of establishment of the Company /Firm	
4.	Registration Number if Any (Please attach required certificate)	
5.	Name & address of the Parent Company (in case of Foreign Company)	
6.	i) PAN :	
0.	ii) GST No. :	
	NIT Document Fee	YES / NO
	DD No.	
7.	Date:	
	Drawn on Bank :	
	For Rs.	
	Earnest Money Deposit (EMD) submitted.	YES / NO
	EMD Details	
8.	DD No:	
0.	Date:	
	Drawn on Date:	
	For Rs.	-
9.	Proof of financial status of the Company/ Firm in form of balance sheet/ITR	
10.	Detail list of the contract/supply with Govt./Public sector etc. with contact person's name & Tel./cell No. etc if any	Enclose separate list
11.	Remarks if any	
	<u> </u>	

Note:It is mandatory to attach the self attested copy of required certificates/proof with above information.

Date & Place

(Name & Seal of the authorized signatory of the Company/Firm)

ANNEXURE V

<u>Price Bid for Supply of Base Vehicle 4X4 and Customization/Fabrication of these vehicles for using as Mobile Veterinary Units (MVUs)</u>

Name & Address of the bidder/firm:

Sl. No	Item (per unit)	Rate (Figure & words) (inclusive of all taxes)
I	Cost of Base Vehicle and Customization/Fabrication for using as Mobile Veterinary Units (MVUs)	
2	Transit Charges	
3	Registration Charges (for the State of Meghalaya)	
5	Technical Service Charges including IGST	
6	Sticker's Rate	
7	Other Charges (As applicable)	
	TOTAL	,

^{*}Rate in Indian Rupee has to be converted and mentioned by the party as on date.

Date & Place

(Name & Seal of the authorized signatory of the company)