REGD. POST

From

SUPPLY ORDER

The Director General, Supplies & Disposals, Haryana, S.C.O-09, (1st & 2nd Floor), Sector-16, Panchkula

Telephone no. 0172-2570121, 2570124, E-mail: supplies@hry.nic.in

To

M/s Motor Fab Sales Pvt. Ltd.

11, Mahatma Gandhi Marg, Hazratganj, Lucknow-226001 E-mail: <a href="mailto:rrr.upadhyay@gmail.com">rrrrlko@yahoo.com</a>

Memo No:- 87/HR/E-3/2022-23/ 07

Dated Panchkula the:-

18/7/23

Subject:

Supply of 70 Nos. fabricated Mobile Veterinary Vans BS-VI, required by the

Haryana Livestock Development Board, Panchkula.

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With reference to your tender bid id No. 867417 dated 12.05.2023, as per decision of High Powered Purchase Committee meeting held on 22.06.2023 & this office acceptance letter No.13083-84 dated 04.07.2023 & your letter dated 11.07.2023, on the subject noted above.

Please supply the vehicle within 45 days from the date of issue of supply order to the consignee as given below.

The vehicle may please be sent directly to the Managing Director, Haryana Livestock Development Board, Pashudhan Bhawan, Bays No. 9-12, Sector-2, Panchkula. For payment and the bill of the cost of store in triplicate be given directly to the Managing Director, Haryana Livestock Development Board, Pashudhan Bhawan, Bays No. 9-12, Sector-2, Panchkula under advice to this office. I have to inform you that your offer has been accepted as per terms and conditions given below.

Sr. No.	Description of Stores	Qty. (in Nos.)	The Rates are in Rs. Per vehicle, inclusive of GST @18%, freight charges & all other types of taxes/duties etc.
1.	Fabricated Mobile Veterinary Vans BS-VI.	70	Rs. 15,82,000/- each
	( <u>Model</u> :- Tata Mobile Veterinary Van Winger 35WB).	eko kato anie. Met eretik kap	

#### Part 1:- Specification for customization/fabrication of vehicle

<u>Clinical Cabin:</u>-The clinical Section needs to be built on chassis as per requirement or vehicle shell readily available may be customized to meet all desired requirement and necessary arrangements for treatment, minor surgeries, sample collections, spaceforLN2 Containers for keeping A.I. Straws, etc.

Part: 1(A): Scope of Fabrication work: (Customization in context to dimensions etc. may have minor deviation of ± 5% according to finalization of the base vehicle supplied by the firm).

The specification of customization of MVU on the basis of the advisory issued by Ministry of Fisheries Animal Husbandry & Dairying, Department of AH&D Govt. of India vide letter No.K-11053(5317)14/2021-LH dated 17<sup>th</sup>May2022 for the purpose of fabrication and which are to be adhere to on the basis of broad parameters. The following specifications are required for fabrication of MVU's:-

1 Mobile Veterinary Van Rear Cabin Fabrication Specifications

Storage facility:- Steel Cabinet for storing medicines/medical equipment/syringes/kits etc./ place for Microscope/supplies / Dust bins:

#### **Dimensions:**

Cabinet1:-Alongside the partition wall behind the driver's compartment

- Steel Cabinet for storing medicines:- The cabinet should have the provision for storing syringes, Needles, Needle destroyer, blood collection tubes, faecal sample collection container sand rapid diagnostic its as per requirements of Sample collection.
- 2) The cabinets should be made up of 1mm thick stainless steel sheet (SS-304) of Bureau of Indian Standards (BIS) quality mounted on steel frame of appropriate strength to bear at-least 300kg weight on the table top. The cabinet should have the following parameters:-
  - Cabinet width=550 mm
  - Height =750mm
  - Length of cabinet = End to End of the side wall of the rear cabin and alongside the partition wall behind the driver's compartment.
- 3) The cabinet should have three equal partitions with following provisions:-
  - Left partition for water sink, water tanks & dustbin
  - Middle partition for four equal drawers with channels
  - Right partition cup board with door having three partitions
- 4) The wash basin and dust bins in the cabinet are to be covered with single opening

- door for removing and placing bins alongwith the water tank easily for cleaning and other purposes.
- 5) All the hardware like rails, channels, sliders, locks, catchers, hinges, handles should be of Bureau of Indian Standards (BIS) quality material only having renowned brands.
- 6) The drawers should be provided with double Magnet catchers for each drawer at back side to secure them against un intended opening during motion of the Mobile Veterinary Unit. Locks and handles of BIS standard are to be provided for all the racks and drawers.
- 7) The drawers should be provided with Acrylonitrile Butadiene Styrene (ABS) material removable partition tray.
- 8) Two Concealed Portable Steel Dust Bins are to be fixed with at least two screws, thereby making them immovable with spring loaded lids for waste disposal under the washbasin.
- 9) The BIS standard Stainless Steel (SS-304) wash basin of 400 to 450 mm dia Depth minimum 165mm to 170mm with water tap (Brass with chrome plated)supplying water through Motorized Pump (12 V DC power operated), should be housed. The fitting accessories should be from BIS approved recognized manufacturer and should behaving foot operated control which is to be mounted on the bottom of the medicine rack vertically so as to pump the water from the fresh water tank. The Wash Basin Pump water tap should be positioned properly so that while washing hands water should not fallout side of the pot. A provision for Liquid hand wash carrier on the right side of the wall near wash basin is to be made.
- 10) Fresh water tank and drain water tank both made of Stainless Steel(1mm SS-304 grade) with 10 liters capacity each is to be fitted below the wash basin, having the foot operated electrical switch provisions for tap operation.
- 11) Wash basin and Drain water tank hose connection joints are to be fixed firmly with clamp and sealant so as to prevent water over flow into the free space compartment.

### Cabinet 2 cum examination table:-Alongside the right wall on rear wheel hump

- The cabinets should be made up of 1 mm thick stainless steel sheet (SS-304) of Bureau of Indian Standards (BIS) quality mounted on steel frame of appropriate strength to bear at-least 300 kg weight. The cabinet should have the following parameters:-
  - Cabinet width=600mm
  - Height =750mm
  - Length of cabinet = 1200 mm.

- 2. The cabinet should have three partitions with following provisions:-
  - Left partition cupboard with stainless steel door for storage of inverter, batteries, extension wire, electric control panel
  - Middle partition for three drawers with channels
  - Right partition for detach able waste fluid collection bin
- The left partition cupboard should be properly insulated to protect from any electric shock and also should be suitable ventilated as a requirement for storage of inverter and Sealed Maintenance Free (SMF) batteries
- All the hardware like rails, channels, sliders, locks, catchers, hinges, handles should be of Bureau of Indian Standards (BIS) quality material only having renowned brands.
- The drawers in the middle portion should be provided with double Magnet catchers for each drawer at back side to secure them against unintended opening during motion of the Mobile Veterinary Unit. Locks and handles of BIS standard are to be provided for all the racks and drawers.
- The drawers should be provided with Acrylonitrile Butadiene Styrene(ABS) material removable partition tray.
- 7. The right portion of the cabinet should have provision for detachable waste fluid collection bin made of Stainless Steel (1 mm SS-304 grade)with 10 liters capacity to be fitted below the drain pipe of examination table and the cabinet should be covered with stainless steel door.
- 8. The cabinet top is to be utilized as examination table having surface tapered in the middle alongside the length of table so as to collect and drain the fluids throughdrain pipe provided on the right end of the table. Examination table should be provided with loops/hinges for restraining the pets.
- 2. Attendant seat-(with Seat belts) with box storage for Sissel rope & Emergency rescue tools.
  - 1) Along with Left wall the squad bench is to be installed (on Left Hand wheelhump).
  - 2) The bottom of the seat is to be mounted on 4 x 50 X 50 mm size with SS bolts fitted to heavy duty hinges at least at three equidistance places along there inforcement of seat length.
  - 3) A minimum 50mm thick and 50 mm density Foam cushion on the seat is to be provided on 12 mm water proof and fire retardant ply board for comfort with non absorbent Rexene/Sofa Cloth of light color properly fastened.
- 4) The seats should be of open able type so as to lift and place the nearby equipments or tools inside the seat bench. The back rest of the seat should be made of 12 mm water proof and fire retardant ply wood with 25 mm thick and50mm density foam cushion.
- 5) The size of the attendant seat with storage hollow box should be as under:-
  - Length 1120mm

- Width400mm
- Height480mm
- The seat has to be fastened to wall as well as the pillars of the body structure for 6) 7)
- The size of the cushion seat should be as under:-
  - Length 1120 mm
  - Width 400 mm
  - Height 50 mm
- The seat box should made up of 19 mm water and fire resistant ply and inner box 8) area should be covered with the black/white color sunmica sheet properly glued 9)
- The seat bench is to be made of laminated ply outside and with the Mild steel (MS) flat 32 X 4 mm thick frame reinforced within, to carry atleast 500 kg weight and 10)
- Reinforcement to seat bench has to be given inequal distance for storage of tools 11)
- The floor joints are to be sealed with silicon paste seal ant to prevent water 12)
- Four suitably placed good quality seat belts are to be provided with proper 13)
- A stopper is to be provided for holding the Squad bench in opening position at rear end (from entrance side) of the Squad bench in 90 degree position with proper
- Velcro to be provided for holding the bottom on to the backrest.
- I.V. stands with adjustable height: Two portable I.V. stands for intravenous 3. therapy of large and small animals should be provided in the rear cabin alongwith 4.

### **Doctors** seat

- 1) A folding doctor's seat alongwith backrest having 400mm width is to be provided along the Right wall between examination table and cabinet 1.
- 2) A seat belt has to be provided along with the doctor seat.
- 3) A stainless steel adjustable laboratory stool with cushion seat should be provided along with folding doctor seat.

### 5. Flooring

- Mobile veterinary unit shall have inside flooring with SS sheet 1mm thick of acilitate washing of floor. It should be water proof.
- 6. <u>Surgical equipment and firstaid box</u>: Provisions to be made for the surgical equipment box and first aid kit, place available with Velcro and clamp mechanism.
- 7. Partition wall Communication Window: Apartition was between the driver cabin and patient/clinical cabin is to be fabricated with a steel duly PU painted & fastened to the MS frame from both sides. A sliding access window between Driver's Cabin and behind Compartment should be provided at appropriate location for visual checks and voice communication between the cabin and behind compartment. This window shall be fitted with safety glasses complying with requirements of IS2553, Part 2 and should be latch able from the behind cabin side and should be transparent and shall have adjustable opening. This window should also have a roll down curtain.
- 8. Grab Rails: A 2000 mm long SS pipe of 30 mm diameter, 1.5 mm wall thickness to be placed as grabrail on the Ceiling with proper aluminum oval shapes up port brackets at four places in equal distance. All the brackets should be riveted with grabrail. A 700mm long SS Pipe 30mm diameter, 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.
- 9. <u>Fire extinguisher hold:</u> 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.

#### 10. AC infront and rear Cabin

(Compressor Delphi 7 H 15 make or equivalent quality) to be provided in the Driver compartment and Cabin with vents.

#### 11. Refrigeration

Mobile Veterinary Unit Should have a mini refrigerators or active cold box of minimum 30 ltrs. net storage capacity for transporting vaccines/medicines/diagnostic specimens etc. To mounted / fixed on table top of the right side of cabinet 1.

#### 12. Vaccination

Mobile Veterinary unit should be equipped for carrying out vaccine campaigns, fill gaps or ring-vaccination during situations of outbreaks/epidemic/pandemic

#### 13. Windows

Two Windows should be provided infront of the Examination table in the vehicle and provision of two sliding glass windows on left wall of the rear cabin above the attendant seat with storage box.

## Surgical equipment and first aid box:

Provision to be made to the surgical equipment box and first aid kit, place

Provision for two liter electric kettle and 1 liter four hot & cold water bottle: Provision for one electric kettle and 1 liter four hot & cold water bottle at suitable available place with Velcro and clamp mechanism is to be made. 16.

### **Drinking Waterpot**

Provision for 3.5Lt. (Stainless steel AIRPOT Type-Polo life time make or equivalent quality) is to be provided with straps near wash basin area

#### 17. Branding/ Signsand Logo

Mobile veterinary unit should have branding with vinyl stickers as per design

#### 18. GPS tracking system

Provision fo GSP tracking system should be made in the MVU.

#### Connectivity with Call Center 19.

Seamless connectivity with government call center including calls recorded for future reference with voice to text to voice transcription feature to help veterinarian create quick prescriptions (for engaging service provider a separate

#### 20. Record Maintenance

Mobile veterinary unit should have integrated comprehensive treatment, healthcare, health record maintenance, IT solution for animals (for engaging service provider a separate tender would be called).

#### 21. General:

Provision for placement of power switches/ sockets/ fans/ 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 and only multipurpose three pinsockets to be used in a/c circuit. Identification sticker for all electrical switches, veterinary medical equipment' sand racks etc. to be pasted.

### PART: 2: A: Scope of Electrical Work:

### Flashers, Spot Lights, Tube Lights:-

Spot worm lights 5 no's to be provided on sealing (5 no's DC Worming lights-non-external lighting) along the length of the cargo 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: 12VDC, Amps: 2.1, Lumens: 2175D imension (mm): 920.8x66.1x63.5 weight (kg): 0.953. only universal type three pin sockets to be used for a/c supply. All the bulb sand lights should be sourced from renowned Indian brands only with BIS Specifications.

## Power backup through inverter:

Online pure Sign wave Inverter of 1 KVA with SMF Batteries is to be provided.

### **Electrical Wiring:**

- All The main Components like, Each of Internal Lightings (Led Lights), Internal Lightings (Spot Lights), each of veterinary Medical Equipment's powering Sockets etc. Should have separate circuits, (Power drawn directly from source (with proper cutoff 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 Vehicle for reference.
- 3) All precautionary measures should be taken into consideration with in the Scope of Auto Electrical work to avoid any accidental fire incidence during installation of any Electrical gadget, or any provision for that.
- 4) 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 there by not exceeding the Vehicle's generating system capacity.
- All electrical system component and wiring shall be readily Accessible through access panels for checking and maintenance.
- 6) 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 proofed.
- 7) All switches, connectors, end-wiring should be rated to carry out minimum 125% of their maximum ampere load. All wiring should confirm to BIS / ISI 2645 specifications. 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.)
- 8) 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.
- 9) Battery cable terminals, component terminals and connectors exposed to the

ambient shall be coated with Terminal corrosion preventive compound.

- 10) 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
- 11) Electrical wiring and components shall not terminate in the oxygen storage compartment except for the Oxygen controlled solenoid, compartment light, and switch plunger or trigger device. Wiring necessarily passing through an oxygen compartment shall be route din a metallic conduit.

Fuse and Other Safety Measures:

- 1) Battery main cut off switch to be provided without naked wires or mounting.
- 2) A separate Fuse to each of the (as mentioned above) circuits to be given.
- 3) There should be an Indicating sticker to be pasted to each fuse on the fuse Box to
- 4) There should not be any joints within the Circuit Wiring, at any unavoidable wiring junction(s) the wires should be joined through Bakelite Connectors.
- 5) There should not be any loose wiring and loose joints.
- 6) Other than vehicle wiring harnesses, all wires/harness used for should be (FlexiCab, Finolex or equivalent make with fire retardant grade).
- 7) All the wiring provided shall be copper with insulation having high temperature resistant. All wiring (including groundings), devices, switches, outlets etc., except circuit breakers shall be rated to carry at least 125% of the maximum ampere
- 8) All splices and terminals provided shall comply with SAEJ163 standards.
- 9) All the electrical wires and accessories should carry BIS/ ISI Mark, with CML Number and be approved by technical committee and should be of (ARAI/ISI)
- 10) All other unspecified Parts necessary for the Wiring should be of Automobile grade and /or ISI Certified with CML Number.
- 11) Same color code wires to be used for all Mobile Veterinary Units for respective
- 12) All wiring harness should be covered with crocodile sleeves and should be routed
- 13) 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.
- 14) All the holes drilled for wire routing, holes edges to be covered with rubber sealing (Grommet) to prevent wire damage.

- 15) Rear door opening alarm has to be provided External charging port of 230 VAC to be provided at the rear side of the vehicle below the rear door and above the foot
- 16) A 10 meter long wire with plug to be provided alongwith this for external

### Clock:

A standard quality LED/Digital clock is to be provided in the Rear Cabin compartment. It should have a minimum Letter (font) Size of 50 to have better visibility. DC connections Socket:

Crabtree, 2DC Sockets 12V near Equipment area to be provided.

# Roof/Wall mounted fans:

- a. Half Safety metal guard. Screw mounting. Oscillating, 200mm fan blade(two fans), operated by DC12V by vehicle battery in the Rear Cabin compartment.
- b. One fan(same as above) in Pilot Compartment,
- c. Roof light to befitted in pilot cabin and rear cabin.

Power Points: Mobile veterinary unit should have adequate no. of power points with charging point for Laptop / GPS / Tab with printer/ any required equipment like LED/LCDTV etc.

Power Points for other equipment's: Mobile veterinary unit should have adequate power points with charging point for portable and transportable veterinary Equipments like auto

LN2 Container: Mobile veterinary unit should have pre-fitted LN2 container of 8 liter capacity for ultra-low temperature preservation used for carrying biological samples, semen

GPS Tracking System: Mobile veterinary unit should have GPS tracking system.

MP 3 PLAYER: MP3 with FM Radio player of good quality/reputed brand like Pioneer/ Sanyo /Sony/ or equivalent is to be provided in the driver compartment with 300 watt output speakers of good quality speakers (Company Warranty card covering at-least one year) to be PUBLIC ADDRESS SYSTEM: 100W

Emergency lights:- Roof mounted as per ARAI specifications should have revolving flashes and

Siren:- High intensity roof mounted with different sounds:- Manual, Wall and Yelp. The Siren sweep rate should be 10 to 18 cycles per minute. The control panel for this system should be

### TERMS AND CONDITIONS:-

- F.O.R.:- The above rates are FOR destination at Panchkula (Haryana) at supplier's risk 1. GST :- Inclusive in above rates. 2.

- 3. FREIGHT CHARGES:- Inclusive. 4.
- DELIVERY PERIOD:- The delivery of vehicles is required within 45 days from the date of 5.
- PAYMENT TERMS :- 100% payment within 15 days would be made after receipt of vehicles

Delay in payments to the suppliers beyond the stipulated credit period indicated in the supply order, unless supported by cogent reasons and approved by a higher authority, will attract penal interest on the defaulting amount @ Rs. 25/- per rupees one lakh per day of delay beyond the stipulated credit period. Non provision of adequate budget will be no ground for delay in payments to the supplier.

- Warranty:- The manufacturer should provide warranty of three years or three lakh 6. kilometers whichever is earlier from the date of delivery, against any defect in vehicle All the vehicles and under warranty should be attended within 24 hours in city locations 7.
- No. of free services during warranty period: Minimum 06. 8.
- INSPECTION:- Pre-inspection mobile veterinary units by the Haryana Livestock Development Board, - The Haryana Livestock Development Board, should satisfy themselves that the mobile veterinary units are in accordance with the terms of the contract and fully confirmed to the required specifications by carrying out a through preinspection of each lot of the mobile veterinary units before actually tendering the same for inspection to the inspection committee nominated by them under the terms of contract. Such precaution on the part of the Haryana Livestock Development Board, minimizes the chances of rejection and the consequences thereof.

In case, the material offered for inspection by the firm fails to meet the specifications stipulated in NIT/Order/Contract and the samples are rejected by the Inspecting Committee, the Indenting Department will have the right to levy a penalty at 0.1% of the total order value. In case, the material offered for inspection fails during the 2nd inspection also, the Indenting Department will have the right to increase the penalty to 0.25% of the total order value. In case, the material offered fails during the 3rd and final inspection also, the firm will be liable for penal action including forfeiture of security, risk purchase, debarring/ blacklisting in future, and no further opportunity for inspection would be provided to the supplier firm.

- PENALTY CLAUSE: If your firm fail to deliver or dispatch any consignment within 9. the period prescribed for such delivery or dispatch stipulated in the supply order, the delayed consignment will be subject to 2% penalty per consignment per month recoverable on the value of the stores supplied. The other details will be as per provision contained in Sr. No. 14 of "Schedule-'B' Condition of Contract".
- PRICE FALL CLAUSE:- The price charged for the stores shall not exceed in any way the lowest price at which you quote/supply the stores of identical description of stores to State Govt./Central Govt./Institutions/ undertaking/any other person during the delivery

period/currency period of the rate contracts. If at any time during the delivery/currency period, you reduce the rate, sale price of quoted stores to any person at the price lower than the price chargeable under this supply order/contract, you are required to inform the date of coming into force of such reduction of rates shall stand correspondingly well as to concerned Indenting Officers/ Consignees. You shall also give a certificate on other State Govt. Central Govt. Institutions etc. during the corresponding period. The Indenting Officer shall be required to ensure that requisite certificate is given by the concerned firm on the bills before releasing their payments.

- Enclosed one copy of schedule "B" i.e. conditions of contract applicable is sent herewith duly signed on behalf of Governor of Haryana.
- Failure to effect supply within stipulated period or repeatedly offering supply liable for rejection may render to penal action as per rules.

In case of non supply or any breach of this contract, penal action would be taken.

Other terms & conditions will be as per NIT (Schedule-A/Schedule-B) attached.

Deputy Director, Supplies & Disposals, Haryana, For & On behalf of Governor of Haryana

Endst.No. 87/HR/E-3/2022-23/

Dated:

A copy of the above is forwarded to the Managing Director, Haryana Livestock Development Board, Pashudhan Bhawan, Bays No. 9-12, Sector-2, Panchkula w.r.t. their indent no. 1901 HLDB/PO dated 17.03.2023 for information and necessary action.

He is requested to point out deficiency, if any, in a week time otherwise it will be presumed that the supply order is correct in all respects.

Payment may please made to the supplier strictly as per approved payment terms and the instruction appearing at the end may also be complied with.

Deputy Director, For Director General, Supplies & Disposals, Haryana Panchkula A copy is forwarded to the following for information and necessary action:-

- The Principal Accountant General, Haryana, (Audit) Sector-33, Chandigarh. 1. 2.
- The Deputy Excise & Taxation Commissioner, Lucknow -226001 (U.P.) 3.
- Programmer O/o DGS&D, Haryana.
- 4. St. Section. O/o DGS&D, Haryana.

**Deputy Director** For Director General, Supplies & Disposals Haryana, Panchkula