HEADQUARTERS OF HOMEGUARDS AND CIVIL DEFENCE SDRF J&K JAMMU.

TENDER NOTICE NO. 01 OF 2016

For and on behalf of Governor of J&K State, sealed tenders are hereby invited from the manufacturers, approved/authorized dealers, affixing revenue stamp worth Rs 5/- for the "**Fabrication of Rescue Vehicle on Tata Chasis 712" as per annexure "A"**. Approved/authorized dealers shall attach valid and authenticated copy of authorization letter for the Fabrication of Rescue Vehicles **without which the offer shall be rejected.**

For fabrication, The OEM **(Original Equipment Manufacturer)**, shall authorize only one firm to participate in the tender. Authorizing more than one firm for the same shall not be entertained and may even lead to disqualification of the tender.

The tenders alongwith specifications duly accepted by tender should reach the office of the undersigned on or before 20-01-2017 upto 1600 hours positively. The offer without catalogue & specifications shall not be considered. **Only one rate for fabrication shall be considered, as such the firms shall quote only one rate against which shall strictly meet the requirements of the tender.** The tenders should be addressed to **Addl. Director General of Police, Homeguards / Civil Defence & SDRF J&K Jammu** and envelops should be super scribed "**Tender No. 01 of 2016 for** "**Fabrication of Rescue Vehicle on Tata Chasis 712".** The tender may be sent either by speed post / registered post/courier or delivered personally at the Directorate of HG/CD & SDRF, J&K Jammu against proper receipt.

The tender (Technical Bids) will be opened on 23-01-2017 at 1100 hours at the Directorate of SDRF/HG & CD J&K Jammu in presence of such tenderers who may choose to be present. In case of any unforeseen/ unavoidable circumstances the tenders will be opened on next working day. Financial/Commercial bids of technically qualified firms will be opened subsequently on the co-opt convenient date which shall be notified separately.

4. The intending tenderers shall have to furnish Earnest Money in the shape of CDR/FDR equivalent to 2% of the total value of contract or Rs 1,00,000/- (Rupees one lac) in lump sum pledged to the ADGP HG/CD & SDRF J&K Jammu. Failure to furnish the earnest money alongwith tender will make it liable for disqualification. However, J&K Govt. Rules with regard to furnishing of EMD in respect of SSI units (Registered) shall be applicable in letter & spirit. The Govt/Semi- Govt. or similar other concerns, claiming exemption from the payment of EMD shall have to append duly authenticated orders, certificates etc. from competent authority supporting their claims.

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5. The tender fee has been fixed as Rs 2000/- which should accompany the tender offer in the shape of a crossed demand draft favouring ADGP HG/CD & SDRF J&K Jammu payable at Jammu. The tender fee is not refundable and the same will be deposited in Govt. Treasury under A/C Head 0070-Other receipts tender fee for the year 2016-17. The tender offer will not be considered without tender fee. However, Govt./semi-Govt concerned claiming exemption should append authenticated orders, certificates etc. issued by the competent authority in support of their claim.

6. The approved firms will have to furnish Security Deposit @ 5% of the total value of the contract after receipt of the supply orders in the shape of CDR/FDR pledged to this office which shall be released in due course of time after expiry of the specified warranty. The Earnest Money shall also be adjusted in the Security Deposit on application.

7. The successful tenderers will have to arrange onsite installation and training to the end users as and when asked for.

8. The tenderers shall provide warranty for a minimum period of one year covering all the systems, sub systems .The cost of warranty period will be included in the quoted price. If during the aforesaid period, the said stores be discovered not conforming to the description and quality or not giving satisfactory performance or have deteriorated, the decision of the purchaser in that behalf shall be final and binding on the contractor and purchaser shall be entitled to call upon the contractor to rectify the goods or such portion thereof as if found to be defective by the purchaser within a reasonable period or such specified period as may be allowed by the purchaser in his discretion on an application made thereof by the contractor and in such an event, the above mentioned warranty period shall apply to the goods rectified from the date of rectification thereof. In case of failure of the contractor to rectify or replace the goods etc within specified time, the purchaser shall be entitled to recover the cost with all expenses from the contractor for such defective stores. The firm shall also furnish the expected life period of each item.

9. **The rates should be quoted inclusive of all taxes, levies, freight, transport and other charges to the place of delivery and stocking at the places of HG/CD Central store Gandhi Nagar Jammu/ Bagat Barzulla Srinagar. Rates quoted should be on firm price basis. The rates offered by the firms shall be valid for one year from the date of acceptance of offer.**

10. The earnest money will be refunded to the unsuccessful tenderers shall be released soon after the finalization of tender process.

11. The successful tenderers have to fabricate the Rescue Vehicle within three month from the date of issue of the supply order.

12. Quality/specification should be categorically mentioned in the tender.

13. The undersigned may accept or reject any tender without assigning any reason and without any legal obligation.

14. All legal proceedings arising out of any dispute between the parties shall have to be settled in the Courts situated in Jammu and Srinagar and not elsewhere.

15. Payment shall be released by the department against each consignment delivered, inspected, accepted and properly brought on stock in the concerned stock registers of the Department.

16. The tenderers are required to furnish an authenticated copy of latest Sales Tax/ VAT/ clearance certificates and PAN and VAT registration certificate (alongwith the tender offer or at the time of payments). This office shall be at liberty to put to scrutiny/ verification any such document, in case required.

17. The successful tenderer shall have to enter into an agreement on prescribed proforma (immediately after the issue of supply order) with the Department for due performance of the contract which shall be invariably furnished before the supply is made.

18. **Two Bid System: a)** First Cover (Technical Bid) should contain Tender documents duly completed and signed accompanied with Earnest money, Tender Fee, Delivery terms, delivery period to be quoted and all other documents mentioned in the Tender Notice, **BUT WITHOUT INDICATING THE RATES.** Copies of supply orders of any Govt. department/CPMF/State Police Force placed during last three years shall also be enclosed with the **Technical Bid**. This cover may be then sealed properly.

b) Second Cover (Commercial Bid) should contain the **Details of rates, duties, taxes etc. These details should be submitted on their letter pad without any alterations/ over-writings/cuttings** and should be sealed properly.
c) Third Cover containing both the technical and commercial bids should be sealed properly.

19. The detailed tender with specification of items are also available on our website **www.jkcivildefence.org** & **PHQ J&K's** official website **www.jkpolice.gov.in** which can also be had from Directorate of HG/CD & SDRF Gulshan Ground Gandhi Nagar Jammu.

Sd/-
Addl. Director General of Police,
HG /CD & SDRF,
J&K Jammu.

No:- Prov-T/Mod/2014-15/11535 Dated:- 24 -12-2016.

Annexure "A"

(A)GENERAL REQUIREMENTS:
1. This specification lays down requirements regarding material, design, construction, workmanship, finish, accessories and equipments.
2. (a) No part of the body should reduce the ground clearance As per specified by the chassis Manufacturer. (b) The Overall width should not be more than the width of vehicle. (c) Height should not be more than standard Rescue Vehicle by M. V. Act from the ground level. d)
3. (a) The RESCUE VEHICLE should be provided with electrical winch, Alternator, Pneumatic light installation and other accessories as built-in features of the appliance. (b)Due consideration in designing the fabrication of the RESCUE VEHICLE should be given to the fact that the RESCUE VEHICLE may be required to operate on rough terrain also. (c) The appliance shall be designed to carry the equipment. The equipment shall be arranged on a manner to allow the crew members to get ready in vehicle itself.
(B) MATERIAL SELECTION AND TREATMENT:
1. The choice of materials to be used in the fabrication of the RESCUE VEHICLE should be made with a view of combining lightness and strength, durability and efficacy of the body.
2. (a) Timber fact should not be used in body construction of the RESCUE VEHICLE, as the RESCUE VEHICLE shall be used in conditions with constant high humidity and heat. This fact should be given full consideration while selecting the materials. (b)The material used for fabrication should be selected to ensure a hindrance free performance of the RESCUE VEHICLE in adverse operational conditions and to ensure its prescribed life.
3. All metal parts exposed to atmosphere either should be corrosion resistant or treated to resist corrosion.
4. Ferrous metal fittings should not be used without nickel or chromium plating. Plating should be of extra heavy quality.
5. The aluminum used in fabrication of RESCUE VEHICLE should be anodized.
6. All compartments should be manufactured with material of best quality and workmanship.
7. All equipments should have sufficient lubrication arrangements so that the bearings and other parts do not get unusually heated/wear out in the course of operation.
8. All moving parts and exposed parts should be guarded absolutely to prevent accidents. The RESCUE VEHICLE, equipments and accessories should conform to relevant statutory requirements in all respects.
(C) BODY WORK:
1. (a) Cabin- Enclosed accommodation for driver; officer in charge & five men should be provided in double compartment driver's cab. (b) The driver's seat should be of adjustable bucket type. (c) All seats should have foam cushions of minimum 40 density & should be covered with good quality Rexene cloth (d) The cabin should be internally lined with a good quality PVC coated aluminum sheets.
2. (a) The entire structure of the RESCUE VEHICLE including that of the driver's cab should be MIG welded structure, made from MS pressed sections & square tubes of minimum 2mm thickness. (b) Angles & channels used for the structure should be minimum 3 mm thick (c) The complete structure should be electroplated with ZINC PLATING not less than 18 microns. Then epoxy painting on it must be done after the fabrication.
3. (a) the outer paneling should be made from minimum 1.60 mm thick aluminum sheets. (b)The internal paneling and lockers shall be made from minimum 1.22 mm thick aluminum Checkered plates. (c) Minimum 25 mm thick, thermocol insulation should be sandwiched between roof top and the cabin. The paneling should be done with minimum 1.22 mm PVC coated aluminum sheets.

4. (a) The complete cabin floor & top of the rear superstructure compartment should be covered with minimum 1.60 mm aluminum checkered plates. (b) The cabin doors on either side should be fitted with toughened safety glasses and winding type regulators.
5. (a) The shape of the cabin should be aerodynamic. (b)The Bidder must submit detailed drawing of the vehicle with cabin along with the offer and a soft copy in Auto CAD for 3D viewing.
6. The Front windshield should be placed as low as possible, to provide the driver with clear visibility of traffic directly in front of the vehicle & should be curved from the sides & the top to give better vision on the sides & aerodynamic efficiency with a better and wider look.
7. The driver should be provided with large size (about 45 cm long and 20 cm wide) rear view mirrors on both sides of the cabin & convex round mirrors for overall rear view of the vehicle from top to bottom & left to right.
8. The doors of the lockers below the chassis level should have concealed type of hinges & attached with heavy duty chains to enable it to be used as a platform for standing. The doors, the hinges and the chains should be strong enough to take the weight of minimum 2 persons.
9. The complete rear body should be separate from the driver's cabin and a minimum 50mm space should be maintained between the driver's cabin and the rear body.
10. (a) All lockers/drawers should be fitted with internal lighting which should automatically switched "ON" and "OFF" by the opening and closing of shutter/gates. Lockers should also be provided with a manual backup switch to cater any failure of automatic lighting system. (b) A master switch for isolating the locker lighting circuit should also be provided in the driver's cabin.
11. Grab-rails made from minimum 1.6 mm thick corrugated aluminum and non-slip steps should be provided to give access to the roof of the RESCUE VEHICLE and for easy and speedy removal and mounting of ladders.
12. All equipments should be properly clamped and strapped in the drawers to prevent shifting of the equipments while the vehicle is in motion.
13. (a) The drawers should be completely constructed from 10 gauge aluminum sheets and should be provided with self-locking system to prevent any accidental opening while the vehicle is in motion. (b)The bottom edges of the drawers should be fitted with SS 304 angles of minimum 2 mm thickness. (c)The 'roll-in-roll-out' drawers should be made according to the required size of the equipment that is to be stowed. (d) The drawer floor should be covered with minimum 6 mm thick good quality PU foam Rubber sheets.
14. (a) The lockers should be covered with 'push-pull' type aluminum roller shutters for faster and smoother rescue operation at the time of emergency. (b) The shutters of the rescue vehicle should be made of aluminum or alloy with inbuilt locking system. (c)The shutter should be roller type only and not the sliding type. (d) Shutters should be of the self-locking type so that while the vehicle is moving, the shutters do not open accidentally.
15. (a) A 10.5 meter aluminum double extension truss type ladder (Simplex) should be mounted on suitable gallows fitted with rollers on top of the vehicle and should be designed to facilitate easy, speedy and quick removal of the ladder from the rear of the RESCUE VEHICLE. (b) The headlock on the gallows should be positive in action.

16. Two collapsible stretchers should be mounted separately on the RESCUE VEHICLE in such a way that they could be easily, quickly and independently retrieved, when required.
(D) STABILITY:
The stability of the RESCUE VEHICLE should be such that under fully equipped and loaded conditions (Excluding crew) if the surface on which the RESCUE VEHICLE stands is tilted to either side by an angle of 27 ½ degrees from the horizontal, the RESCUE VEHICLE should not overturn.
(E) WORKMANSHIP AND FINISH:
(a) The standard of workmanship of all mechanical and other replaceable parts should be done with due consideration to the easy maintainability.
(b) The RESCUE VEHICLE should be painted in Golden Yellow DuPont.
(c) The driver's compartment, crew's compartment inside the vehicle and inside lockers should be painted in cream colour.
(d) Lockers should be finished in shadow board painting or replica of items to show the position of each piece of equipment in the locker.
(e) All remaining parts except engine should be painted in black colour.
(f) Necessary anti-corrosion and primary coats should be applied before painting.
(g) Finish should be smooth and without sharp edges.
(h) All necessary electrical/mechanical protections should be provided in the Rescue Vehicle.
(F) INSTRUCTION AND OPERATING MANUAL AND ACCESSORIES:
(a)Instruction manual(s) for the guidance of the user, including both operating and normal maintenance procedure, should be provided.
(b)The manual(s) should include an itemized and illustrated spare parts list, giving reference to all the wearing parts.
(G) ACCESSORIES:
The following accessories should be provided in addition to those normally fitted on the chassis:
1. One 250 mm diameter bell as per IS: 928-1984 mounted externally with facilitation for operation from inside the crew cabin.
2. Two Fog lights (Lumax or Autolight) low mounted in front of Rescue Vehicle.
3. Reversing light suitably situated to assist reversing of Rescue Vehicle.
4. Two Windscreen wipers of approved design (electrically operated).
5. Tools- all tools required for normal routine maintenance of the Rescue Vehicle, which are not included in the too kit of the chassis.
6. Two adjustable Search light of minimum 500 watts each, 220V AC to provide flood and beam light mounted in convenient position on the RESCUE VEHICLE and at the same time should be capable of being readily removed and mounted on tripods away from the RESCUE VEHICLE. These should each be supplied complete with tripod and with minimum 30 meter of TRS Cable on reel mounted on the RESCUE VEHICLE.
7. A light bar with a 100 watt P.A. system (Grand make) and a Siren (75 watt) (Kheraj make) should be provided on the roof of the cabin with suitable protection.
8. Two adjustable spot lights (Lumax or Autolight) should be mounted at a convenient position on the roof of the Rescue Vehicle.
9. Two all field obstruction marking light, one fitted in front and other at the rear of the Rescue Vehicle should be provided.
10. Inspection lamp (Protected type) on wander lead with plug. A socket should be provided on the control panel in the driver's cab for plugging in the lamp.
11. Spare part catalogue and all test certificates should be supplied with unit.

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(H) MARKING:
Each equipment/appliance should be clearly and permanently marked with the following information:
i. Manufacturer's Name or trade-mark, if any
ii. Year of manufacture
(I) ACCESSORIES & ELECTRICAL FITTINGS:
The following accessories and fittings should be provided on the RESCUE VEHICLE at suitable location: One trickle type battery charger for self-charging of battery along with a red pilot lamp light to indicate that the battery is being charged.
(J) ALTERNATOR UNIT:
A 5KVA Generator Set will be provided by firm which should be installed in the Rescue Vehicle. The Generator should be placed at a level higher than the floor level of the vehicle so that in case of flooding the electrical circuits are not affected. The length of winch should be extended to the maximum possible limit. The genset should be fitted in appropriate location of the vehicle. The fuel tank of the Genset should be adjusted on the floor of the vehicle. The charging system of the battery used in the Genset should be made more efficient through suitable charging circuits.
The control panel of the alternator should include:
1. Three sockets (plugs) and MCB switches with 3 phase connections.
2. Four 15 ampere sockets (plugs) with MCB switch for single-phase connections.
3. Four 5 ampere sockets (plugs) with MCB switch for single-phase connections.
4. Digital RPM Meter 1 No.
5. Power meter – 1 No.
6. Ampere meter separate for each phase – Total – 3 Nos.
7. Frequency meter – 1 No.
8. Suitable TPN MCB – 1 No.
(K) TELESCOPIC LIGHT MAST:
(a)Telescopic light mast should be pneumatically operated through the air compressor of the vehicle engine. It should be able to rise up to a minimum height of 6 meter vertically and should be rigidly fixed at a convenient place such that it is not damaged during transportation. The mast must be collapsible along the surface of the vehicle.
(b)Light mast should have 4 x 1000 Watt Halogen flood light projectors in weatherproof casing.
(c)The floodlights on the top should be able to rotate 360º.
(d)Suitable connections for taking Power supply from vehicle generator set through spiral wire in protective sleeve to the earthed socket at the projector support should be provided.
(e)Control panel should be below the mast in a weatherproof box.
(f)Electrical connection from generator should be provided.
(g)The floodlights should be locked in box for protection against damage when not in use.
(h)The unit should comprise of handheld remote control with cable, controlling RCP, rotation, tilt and pan mounting frame with built-in system.
(i) The adjustment control of the flood light mounted on the roof of the Rescue Vehicle should be made automatic through driver dash board electric panel

Sd/-
Addl. Director General of Police,
HG/CD & SDRF,
J&K Jammu.