

भारत सरकार  
अन्तरिक्ष विभाग  
**सतीश धवन अन्तरिक्ष केन्द्र**  
शार  
श्रीहरिकोटा रेंज डा.घ.524 124,  
नेल्लूर जिल्ला, आं.प्र., भारत  
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Government of India  
Department of Space  
**Satish Dhawan Space Centre**  
**SHAR**  
Sriharikota Range P.O. 524 121,  
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GOVERNMENT OF INDIA:: DEPARTMENT OF SPACE  
SATISH DHAWAN SPACE CENTER SHAR:: SRIHARIKOTA – 524 124  
SRI POTTI SREERAMULU.NELLORE DISTRICT (A.P)

**TENDER NOTICE NO. SDSC SHAR/Sr.HPS/PT/RO/04/2019-2020**

On behalf of President of India, Sr. Head Purchase and Stores, SDSC SHAR, SRIHARIKOTA invites on line quotations for the following.

SI No	Ref. No.	Description	Qty.
01	SHAR LS 2019 0 11549 e-procurement [Two Part basis]	Construction of Safety Van body	1 No
02	SHAR LS 2019 0 12126 e-procurement [Two Part basis]	Work Contract for radiography of weld joints	Lump sum

Last Date for downloading of tender documents : 14.10.2019 at 16:00 hrs.  
Due Date for submission of bids online : 14.10.2019 at 16:00 hrs.  
Due Date for Bid Sealing on : 14.10.2019 at 16:01 hrs. to 14.10.2019 at 17.30 hrs.  
Due Date for Open Authorization : 14.10.2019 at 17.31 hrs. to 16.10.2019 at 17:00 hrs.  
Due Date for opening of tenders : 17.10.2019 at 14:30 hrs.

Instructions to Tenderers:

*Bids shall be submitted on line through EGPS only and No tender fee shall be applicable.*

01. For full details/scope of work and terms and conditions etc., please see the enclosed annexures.
02. Interested tenderers can download the e-tender from ISRO e-procurement website <https://eprocure.isro.gov.in> and submit the offer on line in the e-procurement portal. Offers sent physically by post/courier/in person will not be considered.
03. Tender documents are also available on ISRO website [www.isro.gov.in](http://www.isro.gov.in) ISRO e-procurement website <https://eprocure.isro.gov.in> and SDSC SHAR, Sriharikota website [www.shar.gov.in](http://www.shar.gov.in). The same can be down loaded and offer submitted on line in the e-procurement portal only.
04. Quotations received after the due date/time will not be considered.
05. The tender documents are available for download upto 14.10.2019 at 1600 hrs. and last date for submission of tenders on line 14.10.2019 at 1600 hrs. and Tender Opening on 17.10.2019 at 14:30 hrs.
06. Interested vendors can attend the Bid opening sessions to know the details. Presence not mandatory to consider the quote for evaluation.
07. Sr. Head, Purchase and Stores, SDSC-SHAR, Sriharikota reserves the right to accept or reject any/or all the quotations.

DT: 16.09.2019

Sr. HEAD PURCHASE AND STORES

**SPECIFICATIONS FOR BODY BUILDING ON SUPPLIED TATA LPT 909 EX2-38  
WB CAB CHASSIS P TOP BS-IV**

The supplied TATA LPT 909 EX2-38 WB cab chassis with proposed Body building, called safety van, will be used as an emergency vehicle for carrying injured persons from work site to rescue area / Hospital. The vehicle will be provided with safety gadgets like first aid box, Oxygen cylinders, Canisters, helmets, hand gloves, safety shoes, safety goggles and body protective suits.

**1. Scope of work:**

The proposed work consists of body building on department supplied TATA LPT 909 cab chassis, painting and supply of materials/items. Schematic of TATA LPT 909 truck with proposed body building is provided in **Drawings**.

**2. Body Building:**

**The safety van shall basically consist of two compartments as given below:**

**2.1.1 Safety suit room: -**

- Body Size: 2155 mm X 1450 mm (outer)
- Cupboard selves have to be provided for Storage of Safety Suits, Masks and Helmets
- Side door: Foldable door (collapsible type) on LHS/Foldable inside with foot step inside only / as per general practices.
- Windows Size: 500 mm X 500 mm
- A door probably sliding type from safety suit room to crew compartment shall be provided
- One Tube light to be fixed for sufficient lighting.
- One incandescent lamp assembly shall be provided.

**Note:** All the above safety items such as safety suits/masks/helmets are not supplier's scope. But space to keep these items shall be provided as part of van.

**2.1.2 Crew compartment: -**

- Body Size: 3764 x 2155 (Outer)
- The safety van consists of crew compartment, cupboards/shelves, AC unit, DG set, wash basin, Crew Beds, stretcher and electrical panel.

## **Annexure-1**

- Load body & driver cabin should be separated by a minimum gap of 150mm.
- Crew compartment should be provided with patient beds on either side and above which one more set of foldable beds for carrying persons.
- Cupboards shall be provided under one crew bed with sliding doors and other bed shall be for keeping stretcher with a temporary locking provision.
- The minimum inside height of body should be 1950 mm.
- All Crew beds on LH & RH side is of size: 2000 (L) x 550 (W) X 550 (H) mm. Crew beds is of 4-inch thick foam covered with good quality foam Rexene and Back rest is of 2- inch thick foam covered with good quality foam Rexene.
- The upper beds shall be of foldable type and it should be supported with chains of sufficient capacity.
- Foldable Stretcher should be of size 550 (W) X 2000 (L) mm.

### **3. Body structures and panels:**

- All Outer Panels :20g Aluminium
- All Inner Panels :22g Stainless steel (Blurd polished)
- Cupboards panel :22g Stainless steel (Blurd polished)
- Cupboards sliding Doors : Aluminium sheet (Thick:3mm)
- Floor panel : Alum. Panel (thick5mm) covered with PVC sheets
- Insulation : PUF insulation between outer and inner panels
- Rear door: Double door construction with tinted dark grey
- Glass: (50/50) and clear opening of 1000 mm
- width and Foldable foot step at rear.

### **4. Floor structure:**

The floor should be supported with Rolled sections for cross bearers of suitable M.S. Channel and should be secured by U-Bolts. The floor structure should be fabricated with mild steel rolled sections cross members of 75x50x6 mm ISMC (Preferred size) Channels inter linked with 3.175 mm thick floor longitudinal of channel sections. The cross members are to be mounted with an interval of maximum 500mm. The cross members should be secured to the chains by means

## **Annexure-1**

of High tensile U bolts (Tensile strength of 60kg/sq.mm) and self-locking nuts through an intermediate mild steel 8mm thick base plate and 6mm suitable packing.

### **5. Cupboards / Shelves:**

- Safety van interior should be provided with Cupboards /shelves for storage of safety gadgets, Canisters, helmets, hand gloves, safety shoes, safety goggles and body protective suits as per drawing in Annexure-2.
- All the cupboard/shelves should be provided with sliding doors with locking provision.

### **6. Rear Door:**

Hinged type double door should be provided on rear of the body with foldable footsteps with locking provision as per the drawing in Annexure-2.

### **7. Windows:**

- Crew compartment should be provided by sliding windows with aluminium frame of size 750 X 750 mm, on either side of the body.
- Double door should be fitted with sliding windows of size 750 X 750 mm on the top of door as per drawing annexure-3.
- All windows should be fitted with tinted glass with locking provision.

### **8. Electrical:**

- Minimum four LED lamps in the crew compartment should be provided to meet the illumination standards as per area.
- Electrical / Pneumatic Siren - 1 no and revolving light - 1no should be fitted on the top of driver cab with proper mounting.
- The body should be provided with yellow colour electrical reflectors on all sides and corners as per RTA standard.
- All electrical systems should be operated from Crew compartment as per the location provided in Annexure-2.
- Electrical calling bell should be provided in drivers' cab and it should have a switch in crew compartment.
- Electrical panel should be provided at left side of the vehicle as per the location in annexure-2 and it should be of foldable type door with lock provision.

- Battery isolation switch to be provided

**9. Air conditioning Requirement:**

- The crew compartment room shall be provided with 1-ton capacity AC unit as per the drawing location provided in Annexure-2.
- The AC unit should be operated from External AC supply through a power socket and on Diesel Generator (DG) of suitable capacity.
- The DG should be of HONDA/SRIRAM make with suitable capacity to run 1-ton AC unit.
- Necessary provision shall be made to switch over to the power supply to AC unit from external Source / DG supply.
- DG set should draw the diesel fuel from main diesel tank of safety van.
- DG set exhaust shall be connected to main stream exhaust of vehicle or else the exhaust end of DG should be fitted with a spark arrestor.
- The DG set Location, DG - diesel fuel supply lines, DG - electrical switching and DG-exhaust system shall be prepared in drawings by the party and the same should be approved before taking up the job.
- The AC out door unit should be provided with proper air circulation to exhale the heat generated during its operation.
- AC remote holder should be provided at accessible location.

**10. Accessories:**

- Hooks should be provided for drip bottles at suitable locations.
- First aid box on partition door above the door level with built-in lock.
- Provision for keeping 2 Nos. of Oxygen cylinders near patient bed with brackets and support at structure frame
- Type of oxygen cylinders is Class A and provision to be provide for Class C capacity cylinders also
- Wash basin with overhead tank of 25 liters' capacity (Stainless steel construction) and mirror (Sump with centrifugal pump) should be provided.
- The body interior should be decorated with Perfume holder.

**11. Painting:**

- The entire surface of fabricated materials / frames of safety van are to be sand/grit/abrasive blasted to near white metal quality of SA 2½ of steel structures painting council (SSPC) standard. Surface should be thoroughly

## **Annexure-1**

cleaned to remove rust, oil, grease, dirt or other matter before application of primer paint coat.

- Immediately after sand / abrasive blasting, one coat of epoxy primer (**AKZONOBEL Interzine 52**) shall be applied to a dry film thickness (DFT) of 50 microns.
- Intermediate coating with epoxy paint (**AKZONOBEL Interzine 485HS**) shall be applied to a dry film thickness (DFT) of 150 microns.
- Final coating with polyurethane finish paint (**AKZONOBEL Interzine 990**) shall be applied to a dry film thickness (DFT) of 50 microns.
- Any intermediate cleaning & drying time required between successive coats of paint is to be carried out as per the recommendation of paint manufacturer. All paints and primers shall be of standard quality and procured from M/s AKZONOBEL.
- The supplier shall provide measuring instrument to the representative of the purchaser for measurement of thickness of paint at random locations selected by him to confirm the required minimum DFT.

### **12. Modification of silencer:**

- The exhaust pipe shall be re-routed at front right of safety van and exit should be fitted with a spark arrester.
- The party should take the approval of the department indenter before taking up this modification.

### **13. Inspection:**

Department Engineer/Purchase representative shall carry out the safety van body building inspection for two or more stages as per details given below.

- Verification/Identification of all bough-out items
- Finalization of Skelton structure, location clearance for AC Unit and Electrical cable routing Clearance and inspection of accessories and Cupboards
- Final inspection shall be carried out after completion of total body construction and prior to dispatch.

### **14. Warranty:**

- The Body building on TATA LPT 909 Chassis shall be warranted from poor workmanship or defective material/item for a period of 12 months from the date of receipt of safety van to SDSC SHAR.
- The supplier has to replace the defective materials at free of cost during warranty period at purchaser's premises.

**15. General Conditions:**

- The TATA LPT 909 EX2-38 WB cab chassis should be collected by the party from SDSC SHAR with **bank guaranty of Rs.11 lacks** and after completion of body building on vehicle, the same should be handed over to SDSC SHAR with valid temporary registration.
- The materials to be supplied as per **Annexure-1**, bough-out items, fabrication, and painting materials is in the scope of supplier.
- The party should prepare detailed drawings of body building including bill of materials & fittings/mountings and the same should be approved by the purchaser before taking the vehicle for Body building.
- The Body building of vehicle shall confirm to the specifications and drawings provided by the purchaser. During body building, minor modifications, if any, should be done with the approval of the purchaser.
- Supplier shall arrange temporary registration along with clearance from State Transport Authority (STA) for overall dimensions and roadworthiness of the supplied items.
- All the brought out items like MS channels, plates, sheets and mounting brackets, etc., should be of standard makes only.
- The following details shall be furnished along with the offer without which the offer will not be considered.
  - a. General arrangement drawing for safety Van
  - b. Details of the bought out items (Bidder has to specify make of bought out items in the bid.
- The party should supply a tool box of standard size along with standard tools like screw driver set, wheel nut spanners, double end spanners, hydraulic jack of 10t capacity and Tommy bar.
- The tool box should be located at accessible position with a lock.
- All the above safety items such as safety suits/masks/helmets are not in supplier's scope. But space to keep these items shall be provided as part of van.
- Wooden material should not be used in the body building.

**16. BID QUALIFICATION CRITERIA**

Bidders who are qualifying / meeting following Technical and financial criteria are eligible to participate in the bid for construction and supply of safety van body. Bidder shall furnish all the information mentioned in the criteria with

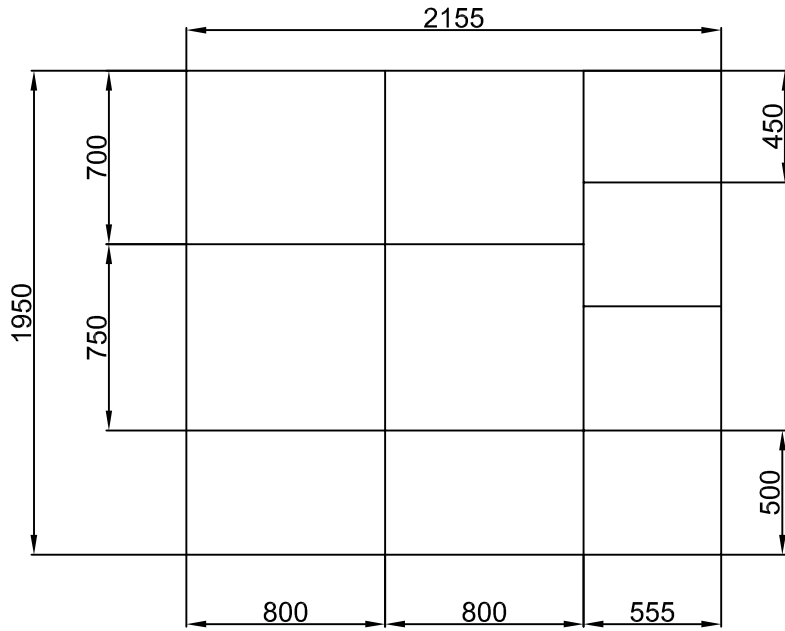
## **Annexure-1**

documentary proof and submit along with quotation. Bids of the parties which are not meeting the following criteria will not be considered for evaluation and will be rejected without seeking any further clarifications.

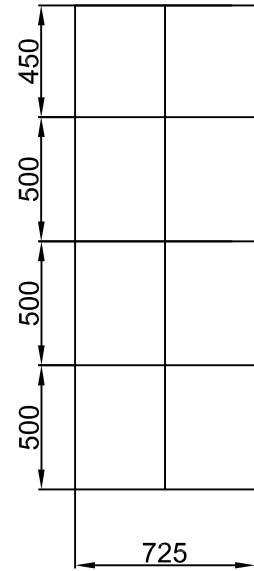
1. Firm establishment certificate and nature of work.
2. Party Should have minimum 6 years of experience in body building works of Bus/Van/Truck and should have constructed 25 units per annum for the last two years. (2017-18 & 2018-19). Relevant supporting documents shall be submitted.
3. Copy of audited Balance Sheets for last three years.
4. Annual Turnover should be not less than Rs.7.00 lacks per year.
5. The firm shall have all facilities for manufacturing of body including 7 tank phosphating facility, water shower test facility. List of Machinery & Equipment to be used for the work.



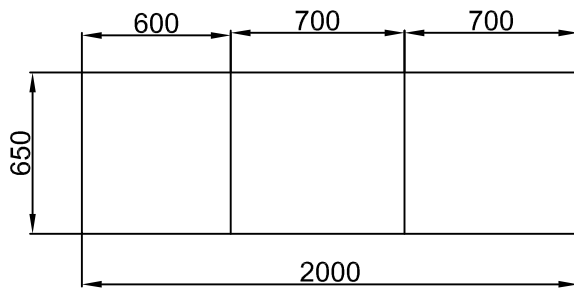




CUPBOARD-1



CUPBOARD-2  
( WITH LOCK FACILITY)



CUPBOARD-3  
( WITH SLIDING DOOR)

CUP-BOARD LAY-OUT

ALL DIMENSIONS ARE IN MM

ANNEXURE-3



## Satish Dhawan Space Center SHAR

Welcome, Materials Master (isro)

31 August 2017,  
17:16:08 IST

[MAIN VIEW](#)

[HELP](#)

### Preview For STANDARD TERMS AND CONDITIONS

**Page Destination:** Tender Header **Format Type :** Normal

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**GOVERNMENT OF INDIA**

**DEPARTMENT OF SPACE**

**SATISH DHAWAN SPACE CENTRE**

**PURCHASE DIVISION**

Tele No.08623-225023/225174/225127

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e-Mail ID : hps@shar.gov.in, hasan@shar.gov.in, sselvan@shar.gov.in

#### STANDARD TERMS & CONDITIONS

1.OFFERS SHALL BE SENT ONLINE ONLY USING STANDARD DIGITAL SIGNATURE CERTIFICATE OF CLASS III WITH ENCRYPTION / DECRYPTION. THE TENDERS AUTHORISED ONLINE ON OR BEFORE THE OPEN AUTHORISATION DATE AND TIME ONLY WILL BE CONSIDERED AS VALID TENDERS EVEN THOUGH THE BIDS ARE SUBMITTED ONLINE.

2.THE TENDERER MUST AUTHORISE BID OPENING WITHIN THE TIME STIPULATED IN THE SCHEDULE BY SDSC SHAR. OTHERWISE THE ONLINE BID SUBMITTED WILL NOT BE CONSIDERED FOR EVALUATION. PHYSICAL COPY WILL NOT BE CONSIDERED EVEN THOUGH IT IS RECEIVED BEFORE THE BID SUBMISSION DATE.

In case of two-part tenders, parties shall submit their offers as follows:-

#### **1) Part-I – Techno-commercial Bid**

(No price details shall be mentioned in this bid and shall not upload the details of price along with the techno-commercial bid)

#### **2) Part-II – Price Bid**

In view of Two Part Tender, the Offers submitted contrary to above instructions will be summarily rejected.

3.In case, the tenderer is not interested to participate in the tender, the tenderer shall submit regret letter giving reasons, failing which future enquiries will not be sent.

4.**Offer Validity:** The validity of the offers / tenders should be 90 days (in case of single part tender) and 120 days (in case two part tender) from the date of opening of the tenders. Tenders with offer validity less than the period mentioned above, will not be considered for evaluation.

5.**GST** - GST and/or other duties/levies legally leviable and intended to be claimed should be distinctly shown separately in the tender. GST details are given below

GSTIN: 37AAAGS1366J1Z1

LEGAL NAME : SATISH DHAWAN SPACE CENTRE SHAR

VALIDITY FROM:29/08/2017

TYPE OF REGISTRATION:REGULAR

6.**Customs Duty** - SDSC-SHAR is eligible for 100% Customs Duty exemption as per Notification No. 050/2017 539 (b) Dt: 30.06.2017. This may be taken into account while quoting for import items, if any.

In case tenderers offering items considering customs duty exemption, they should also indicate the bill of materials and price, separately, with Customs Duty component and terms and conditions thereto.

8.**Advance Payment** - Wherever advance payment is requested, Bank Guarantee from any Nationalized Bank/Scheduled Bank should be furnished. In case of advance payments, if the party is not supplying the material within the delivery schedule, interest will be levied as per the Prime Lending Rate of RBI plus 2% penal interest.

Interest will be loaded for advance payments/stage payments as per the prime lending rate of RBI and will be added to the landed cost for comparison purpose. In case of different milestone payments submitted by the parties, a standard and transparent methodology like NPV will be adopted for evaluating the offers.

9.**Liquidated Damages** - In all cases, delivery schedule indicated in the Purchase Order/Contract is the essence of the contract and if the party fails to deliver the material within the delivery schedule, Liquidated Damages will be levied @ 0.5% per week or part thereof subject to a maximum of 10% of total order value.

10.**Performance Bank Guarantee** - Performance Bank Guarantee for 10% of the order value should be furnished in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till warranty period plus sixty days as claim period.

11. **Security Deposit** – Security Deposit for 10% of the order value is mandatory, if the ordered value is Rs.5.00 lakhs and above. Party shall furnish the Security Deposit in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till completion of the contract period plus sixty days towards claim period for faithful execution of the contract.

12. **BANK GUARANTEE FOR FIM:** Supplier has to submit Bank guarantee for equal value of Free Issue of Materials (FIM) issued by the Department from Nationalised / Scheduled Bank valid till receipt and acceptance of supply and satisfactory accounting of FIM plus sixty days as claim period.

13. The delivery period mentioned in the tender enquiry, IF ANY, is with the stipulation that no credit will be given for earlier deliveries and offers with delivery beyond the period will be treated as unresponsive.

14. The Department will have the option to consider more than one source of supply and final orders will be given accordingly.

15. The bidders should note that conditional discounts would not have edge in the evaluation process of tenders.

16. Non-acceptance of any conditions wherever called for related to Guarantee/ Warranty, Performance Bank Guarantee, Security Deposit, Liquidated damages are liable for disqualification.

17. Wherever installation/ commissioning involved, the guarantee/warranty period shall reckon only from the date of installation and commissioning.

18. Purchase/Price Preference will be extended to the MSMEs under the Public Procurement Policy for MSMEs formulated under the Micro, Small and Medium Enterprises Development Act, 2006 and instructions issued by Government of India from time to time. Vendors who would like to avail the benefit of MSME should clearly mention the same and submit all the documentary evidences to substantiate their claim along with tender itself.

19. The drawings, specifications, end use etc., given by the Centre/Unit along with the tender enquiry are confidential and shall not be disclosed to any third party.

## 20. **SPECIAL CONDITIONS FOR SUBMITTING QUOTATIONS IN FOREIGN CURRENCY BY THE INDIAN AGENTS**

The Tenderer should submit the following documents/information while quoting:-

a) Foreign Principal's proforma invoice/quote indicating the commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent.

b) Copy of Agency agreement with the Foreign Principal and the Indian Agent, precise relationship between them and their mutual interest in the business.

c) Registration and item empanelment of the Indian Agent.

d) Agency Commission will be paid only Indian Currency.

e) Compliance of the tax laws by the Indian Agent.

## 21. **High Sea Sales**- Against High Sea Sale transactions:

a. Offers shall be on all inclusive basis including delivery upto Sriharikota at the risk and cost of the supplier. Customs Clearance is the responsibility of the supplier and at his cost and risk.

b. 100% payment will be made within 30 days after receipt and acceptance of the items at our site.

c. GST as applicable

d. Customs Duty Exemption Certificate and other relevant documents required for Customs clearance will be provided.

e. High Sea Sales Agreement furnished by the supplier in accordance with the terms and conditions of our purchase order will be signed and issued by SDSC-SHAR.

22. The following information/ documents are to be submitted wherever applicable.

1. Product Literature

2. Core banking account number of SBI, RTGS Details

3. PAN No. in quotation and invoices

4. GST Registration details.

5. In case of MSME, registration details / documents from Competent Authority.

## 23. **EXCLUSION OF TENDERS**

The following tenders shall be summarily rejected from the procurement process

a. Tenders received from vendors who have not qualified in terms of their registration.

b. Tenders received against publishing of a limited tender in the CPP portal.

c. Tenders of vendors who have been removed from the vendor list or banned/debarred from having business dealings.

d. Unsolicited tenders from vendors.

e. The tenders which materially depart from the requirements specified in the tender document or which contain false information.

f. The tenders which are not accompanied by the prescribed Earnest Money Deposit.

g. The tenders of vendors who have not agreed to furnish Security Deposit, Performance Bank Guarantee and Liquidated Damages.

h. The validity of the tenders is shorter than the period specified in the tender enquiry.

i. The tenders received from vendors or their agents or anyone acting on their behalf, who have promised or given to any official of the Centre/Unit/Department, a gratification in any form, or anything of value, so as to unduly influence the procurement process.

j. The tenders received from vendors, who, in the opinion of the Centre/Unit, have a conflict of interest materially affecting fair competition.

k.The tenders received from Indian agents on behalf of their foreign Principals/OEMs (in cases where the Principals/OEMs also submit their tenders simultaneously for the same item/product in the same tender).

l.In case two or more tenders are received from an Indian agent on behalf of more than one foreign Principal/OEM, in the same tender for the same item/product.

m.If a firm quotes 'NIL' charges / consideration, the bid shall be treated as un-responsive and will not be considered.