

भारत सरकार / GOVERNMENT OF INDIA
अंतरिक्ष विभाग / DEPARTMENT OF SPACE
विक्रम साराभाई अंतरिक्ष केंद्र / VIKRAM SARABHAI SPACE CENTRE
तिरुवनंतपुरम / THIRUVANANTHAPURAM – 695 022

विज्ञा. सं. वीएसएससी/पी/विज्ञा./372/2024 दि. 08.04.2024
ADVT. NO. VSSC/P/ADVT/372/2024 DT. 08.04.2024

भारत के राष्ट्रपति के लिए तथा उनकी ओर से वरिष्ठ प्रधान, क्रय एवं भंडार, विक्रम साराभाई अंतरिक्ष केंद्र (वीएसएससी), तिरुवनंतपुरम, निम्नलिखित के लिए मोहरबंद निविदाएं आमंत्रित करता है।

For & on behalf of the President of India, the Sr. Head Purchase & Stores, Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram invites Sealed Tender for the following :-

क्रम सं. Sl. No	निविदा सं. Tender No.	वर्णन / Description	मात्रा Qty.	निविदा शुल्क Tender Fee
01.	B220-2023-6378-01 [एकल भाग / SINGLE PART]	टाटा 712 के 3920 मि.मी. व्हील बेस कैबिन न्याधार पर इस्पात संवृत कंटेनर बॉडी के संविरचन तथा आपूर्ति और सीएमवीआर 1989, एआएस, एमवी अधिनियम 1988 एवं वीएसएससी विनिर्देशन के अनुसार ड्राइवर कैबिन पर वातानुकूलक प्रणाली का संस्थापन Fabrication & Supplying of Steel closed container body on 3920 mm wheel base cabin chassis of TATA 712 & installation of air conditioner system on Driver Cabin as per CMVR 1989, AIS, MV Act 1988 and VSSC Specification	1 सं./ No.	रु. 560/-
नोट:- विनिर्देशन तथा विस्तृत निबंधन एवं शर्तें निविदा दस्तावेज़ के अनुसार Note :- Specification and detailed terms & conditions as per Tender document				

निविदा प्राप्त करने की अंतिम तिथि / Due Date for Receipt of Tender	02/05/2024 up to 16:00 Hrs.
निविदा खोलने की तिथि / Tender Opening Date	03/05/2024 at 10:00 Hrs.

विशेष टिप्पणी/Special Note :-

विदेशी विक्रेताओं को निविदा प्रस्तुत करने की अनुमति नहीं है। मेक इन इंडिया नीति के अनुसार केवल श्रेणी-I और श्रेणी-II के स्थानीय आपूर्तिकार इस बोली में भाग लेने हेतु पात्र हैं। विदेशी ओईएम से सीधे प्राप्त उद्धरणों/या विदेशी ओईएमओं की ओर से उद्धरण प्रस्तुत कर रहे एजेंटों को इस निविदा में भाग लेने की अनुमति नहीं है।

Foreign vendors are not permitted to quote. Only Class-I and Class-II Local suppliers as per Make in India Policy are eligible to participate in the bid. Quotations directly from foreign OEM/ or from agents quoting on behalf of foreign OEMs are not allowed to participate in this tender.

शुद्धिपत्र, यदि कोई हो तो, हमारे वेबसाइट www.vssc.gov.in / www.isro.gov.in में मात्र प्रकाशित किया जाएगा।

Corrigendum, if any will be published in our websites : www.vssc.gov.in / www.isro.gov.in only.

हस्ताक्षरित / Sd/-

वरि. प्रधान, क्रय एवं भंडार / Sr. Head, Purchase & Stores

भारत सरकार
अंतरिक्ष विभाग (अं.वि.)
विक्रम साराभाई अंतरिक्ष केंद्र
तिरुवनंतपुरम 695022
क्रय यूनिट-I, आरएफएफ क्षेत्र
फोन नं Ph No. 0471-2563139,3676,3522,3523 / Fax. 0471-2705092 / 2562065 / ईमेल e-mail: spso_psd@vssc.gov.in

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE (DOS)
VIKRAM SARABHAI SPACE CENTRE
THIRUVANANTHAPURAM 695022
PURCHASE UNIT-I, MAIN PURCHASE, RFF AREA

निविदा आमंत्रण
INVITATION TO TENDER

मैसर्स
M/s

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हमारी संदर्भ सं
Our Ref. No.

B220 2023-006378-01

निविदा अंतिम तिथि
Tender Due at

16:00 hrs IST on 02/05/2024

महोदय

Dear Sirs,

कृपया निम्नलिखित मदों की आपूर्ति के लिए अनुलग्नक (फार्म सं. संलग्न) में उल्लिखित निबंधन एवं शर्तों के अनुसार संलग्न निविदा प्रपत्र में वर्णनात्मक सूचीपत्र/पैम्फलेट/साहित्य सहित हमारी संदर्भ सं. एवं अंतिम तिथि (मोटे अक्षरों में) ऊपर लिखते हुए अपनी मुहरबंद निविदा प्रस्तुत करें।

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues /pamphlets /literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No. null)

क्र.सं. Sl. No.	विनिर्देशों सहित मद का विवरण Description of items with Specifications	इकाई Unit	मात्रा Quantity
1	Fabrication & supplying of steel closed container body on 3920 mm wheel base cabin chassis of TATA 712 & installation of air conditioner system on Driver cabin as per CMVR 1989, AIS, MV Act 1988 and VSSC Specification (Annexure-1), scope of work, T	No	1

सुपुर्दगी स्थल

Delivery At vssc

प्रेषण की विधि

Mode of Despatch ON SITE

शुल्क छूट

Duty Exemptions

विशेष अनुदेश

Special Instructions NIL

विशेष निबंधन

Specific Terms

निविदाकारों को अनुदेश

Instructions to Tenderers

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भारत के राष्ट्रपति के लिए एवं ओर से
For and on behalf of the President of India
क्रेता / The Purchaser

Annexure I

**SPECIFICATION FOR AIR CONDITIONING IN TRUCK DRIVER CABIN & FABRICATION OF
STEEL CONTAINER TYPE BODY ON
TATA LPT 712 LPT 3920 WB CAB CHASSIS**

To be constructed as per AIS, CMVR 1989 and MV Act 1988 of India		
Sl. No.	Description	Specifications
1.0	Model of the vehicle cabin chassis in which air conditioning on driver cabin & steel container type body on chassis to be contracted	TATA 712 LPT cabin chassis will be issued as FIM (free issue material) by VSSC against the submission of bank guarantee & Transit insurance policy for the cost of cabin chassis (Approximate cost is ₹15.65 lakh)
1.1	Cabin Chassis overall length	7260 mm
1.2	Wheel base	3920 mm
1.3	Cabin width	2155 mm
1.4	Kerb weight of Cabin chassis	3000 kg
1.5	Gross Vehicle Weight	7490 kg
1.6	Cabin type	Non Air conditioned day cabin with cabin tilt system
1.7	Tyres	7.50 R16 - 16 PR
2.0	Truck cab _ required specifications	
2.1	Air conditioning	Subros or equivalent make Air conditioning system (must be a reputed brand tied up with OEM's for supplying of air conditioner system in trucks/commercial vehicles) shall be provided in OE driver cabin. Capacity Tonne:- Minimum 4800 watt.
2.2	Fire extinguishers	1 no. of DCP type fire extinguishers of minimum 2 kg shall be fitted in driver cabin with suitable structure.
2.3	Cabin fan	2 no. of 'REMI' or equivalent make sweep electric fan (size 8") shall be provided on the driver cabin and suitably fitted for driver and co driver in case of non working of Air conditioner system.

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2.4	Stickers	Stickers of “ Bharat Sarkar ” in Hindi & “ Govt. of India ” in English shall be pasted at the top of front windshield glass. (on inside). Font: Bookman Old Style (Bold) for English Font Colour: P.O. Red Background Colour: White
2.5	Wind deflector	Suitable wind deflector of Aluminium sheet shall be provided on top of the driver cabin with strong support. It shall be extended up to load cabin roof to prevent rain water falls directly to the open space between driver cabin & load cabin.
2.6	Battery cut-off switch	1 No. of negative line battery cut-off switch (cast iron type with 4 bolts) shall be fitted near driver seat and shall be easily operable from the driver seat.
2.7	Mobile Charger Outlet	A reputed mobile charger outlet with a charger with good quality wiring & fuse shall be provided. No tapping of wires is allowed at any wiring circuit.
2.8	Music System & Speaker	A 2 Din music system (Car set with FM & Pen drive) and two 20W speakers shall be fitted in the driver cabin with proper wiring and fuse.
2.9	Cabin Colour	Existing white OE colour to be removed and same colour as that of load body color synthetic enamel metal paint shall be provided (Colour scheme will be provided by VSSC) . All the surface preparation process specified elsewhere in this document shall be followed for cabin painting also.

3.0	STEEL CONTAINER TYPE DELIVERY CABIN SPECIFICATION	
3.1	Type of Body	Closed Steel Container Type - All GI tubular & section structure construction, Corrugated GI/aluminium paneling, Chequered aluminium sheet platform, GI sheet roof & roof sealing, full width container type door & lock at rear, half width container type door & lock at front half container’s left side
3.2	length	5300mm (or Max. possible as per MV rules)
3.3	width	2080mm (Max.)
3.4	Interior height	1900mm (Min.)

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3.4.1	Minimum payload	2000 kg
3.5	Space between driver cabin & load body	A clear space of at least 300mm shall be left between the between driver cabin & load cabin which will facilitate the smooth tilting of driver cabin for maintenance activities.
3.6	Mounting of the load body on chassis	Sub frame shall be mounted on chassis by means of attachment/cleat plates or out-trigger brackets or 'U' bolts with spacer/stiffeners to prevent buckling and using self-locking or anti-vibration hardware for fastening.
3.7	Ground Clearance of Loading Platform	1000mm Max. (Minimum possible height for keeping the flat platform load body without wheel hump/ wheel arch. However, a minimum clearance of 150mm shall be provided between tyre & wheel arch at every point.)
3.8	Structure	<p>The platform shall be flat without wheel arch hump. 100×50×6mm ISMC with U-bolts (at max. 0.5m pitch) shall be provided as <u>floor sub frame long member</u> on the OE chassis to raise the height load body base for avoiding wheel hump in load cabin.</p> <p>The structure for flooring shall be made of minimum 12 nos. of 100×50×6mm ISMC as cross bars and 6 nos. of 60×40× 2mm GI Tubular section along length side both at max. 0.5m pitch. Wherever found necessary 35×35mm×6mm ISA shall be used.</p> <p>The front & rear corner post and top& bottom rail shall be of 3mm thick suitable formed sections</p> <p>All GI materials used shall have a minimum zinc deposition of 120GSM as per IS:277 or BS:2989 and zinc shall be coated on both sides. All MS materials used shall be new, rust & corrosion free. All materials used shall be of reputed manufacturers such as Kalinga, Apollo, JSW (Jindal), Bhushan. Zinc rich shall be applied wherever welding is carried out to prevent rust formation at welded joints.</p>
3.9	Flooring	5mm thick aluminium Chequered plate shall be used. Sufficient no. of strong C/S Bolts & nuts at 2" pitch shall be used for fitment.
3.10	Ground clearance	600 mm for rear bumper, 350 mm (minimum) for foot step.

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3.11	Exterior panel	<p>Roof - 1.6 mm Corrugated GI sheets shall be used.</p> <p>Sides - 1.6 mm Corrugated GI sheets shall be used for front, LH & RH sides.</p> <p>Doors - 1.6 mm grooved GI sheets shall be used for rear & side doors.</p>
3.12	Side walls (RH & LH), front wall and roof internal Stiffeners and anchoring provisions	<p>Right side, left side and front side walls shall be stiffened internally with vertical posts having a GI section of 40x 40mm size at an internal of 1.4 mtrs.</p> <p>Right side, left side and front side walls shall be stiffened internally with horizontal long GI section of 40x 40mm size at the base, 600 mm & 1200 mm heights. Anchoring provisions (Sufficiently strong MS Eye bolt hooks with min. 50mm eye diameter) shall be provided at the above three horizontal levels at an interval of 500mm (min) on 3 sides.</p> <p>Roof of the load body also shall be stiffened with pipe/ angle connecting the vertical posts for better load path and overall integrity.</p>
3.13	Interior panel	<p>Sides –3mm chequered Aluminum sheet up to a height of 600 mm from platform shall be provided on both LH & RH sides. 3mm GI chequered sheet up to a height of 1200mm from platform shall be provided on head board portion. The sheets shall be properly fixed on additional channels with screws to avoid vibration & sound.</p>
3.14	Body paneling and lining	<p>All GI & aluminum panels used in exterior & interior shall be of reputed manufacturers such as JSW (Jindal), Apollo, Tata, Hindalco, Balco.</p> <p>The Corrugated GI sheets shall be welded to `Z' and `L' Section. The welding shall be full seam weld throughout the length of joint. The welded joints shall be applied with zinc rich to prevent from rusting/corrosion.</p> <p>The sheets used shall be of maximum possible size to reduce the number of joints. At all places where sheeting is fixed to the body framework, it has to be covered by half round aluminium beading of 19mm x 4mm size. The fit and finish shall be maintained well.</p>
3.15	Roof	FRP coating and rubberized paints shall be applied over the roof to prevent water leaking.
3.16	Rear Shape & Doors	Container type double leaf full width doors at rear ends of the

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		<p>body along with 270 degree outward swing opening & container type locks and double leaf door of minimum size of 1800mm x 1000mm each on front left side of container are to be fitted. Side door shall be started after 200 mm from the front of load body.</p> <p>The doors are to be hung on strong MS crook and bank hinges. Sufficiently long band of section 30 x 8 mm are to be securely fixed to hinge & angle plates of section 45 x 8 mm on the rear frame posts of the hood body.</p> <p>Side door shall be constructed on left side of the load body and to be able to swing 180degree outward.</p> <p>The rain water flap shall be provided on both rear and side doors and water proofing beading on all sides of the door.</p> <p>Door lock- Heavy duty container lock 1 no. each on rear door leafs and side door leafs.</p>
3.17	View Port Glass	1 no. of permanently fixed flat tinted light green glass with good quality rubber beading and water proof joint shall be provided on rear & side doors end at suitable height for inspection from outside.
3.18	Tool box	Tool box of with 3mm GI sheet and sections shall be fabricated for a size of 700(L) x 400(H) x 400(D) mm suitable place under the load cabin with upward openable cover, lock and tower bolt.
3.19	Battery box cover	GI sheet of 3mm cover shall be provided to battery box with lock and tower bolt.
3.20	Storage Box	A Storage box shall be fabricated on LH side behind the front LH wheel arch area using 5mm thick 1"x1" MS Angle/Flat and 3mm thick GI sheet . Suitable locking mechanism shall be provided.
3.21	Retro Reflective Tape	RTO approved 3M make retro reflective tape of 50mm width in white colour on front, yellow colour on sides and red colour on rear shall be pasted in box section shape.
3.22	Diesel Tank Protector	A sufficiently strong diesel tank protector shall be provided with suitable fitment. The diesel tank shall be protected with a removable type closed made steel guard protector and shall be covered on all sides with an opening for fuel filling. A locking provision along with a lock shall be provided above the fuel filling cap. It shall be large enough for easy fuel filling.

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3.23	Foot step	A two-step foldable foot step of suitable size with lock shall be provided at the rear. 3mm thick GI chequered plate and 35×35×6mm MS angle shall be used for construction of a two-step foldable foot step with foldable handle of suitable size which shall be provided at the rear
3.24	SUPD & RUPD	Sufficiently strong side and rear under-run protection devices shall be fitted in the trailer on both sides and rear as per CMVR. It shall be fabricated using 25 × 60 × 25 × 2mm GI Hat section for main section and 25 × 25 × 25 × 2mm GI Hat section for runners. The fitment shall be sufficiently strong to avoid damage during collision.
3.25	Side Illumination Lights (Convoy Lamps)	6 Nos. of LED convoy lamps shall be provided on each side of the load body at 0.5m pitch. The connection for convoy lamps shall be provided with additional switch and fuse in the dash board. The supply shall be taken from ammeter junction and shall not be linked with tail lamp.

3.26	<u>FITMENTS</u>	
	a) Mud Guard	For all wheels
	b) Mud flaps	For all wheels
	c) Rear view mirror	2 Nos. of large size mirror on both sides
	d) First aid box	1 No. with medicines located in driver cabin
	e) Reg. Number plates with light	At front and rear as per MV Rules
	f) Stop Plate	1 No. at rear
	g) Document box	1 No. in driver cabin
	h) Propeller shaft guard	To be provided as per MV Rules
	i) Handles	Sufficiently stronger good quality handles shall be fitted wherever found necessary and suggested by Inspection team
j) Triangle Reflector	2 Nos. of white reflector at front and 2 nos. of red reflector at rear	

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Sl. No.	Description	Specifications
3.27	<p><u>ELECTRICALS</u></p> <p>a) Tail lamp</p> <p>b) Roof lamp</p> <p>c) Night lamps</p> <p>d) Step (Foot Board) lamp</p> <p>e) Roof marker lamps</p> <p>f) Reverse lamp with buzzer</p> <p>g) Combination Switch</p> <p>h) Wiring</p> <p>i) Insulation</p>	<p>OE</p> <p>4 Nos of LED Lamp in Load cabin.</p> <p>1 No in Driver cabin</p> <p>1 No</p> <p>2 nos. at rear</p> <p>At rear as per MV rules</p> <p>OE</p> <p>OE</p> <p>Only heat resistant PVC insulated single core low tension automotive wires of reputed manufacturers such as Finolex, Birla Ericsson, RR Kabel along with appropriate fuses for all connections & appropriate to the electrical load shall be used. All wires shall be routed through good quality fire retardant wire sleeves and properly tied. Good care shall be taken to avoid squeezing of wires between body & chassis and follow all safety guidelines to avoid short circuit of wires. All electric wirings and battery cables shall be fully enclosed and maintained in good operating condition.</p> <p>Only heavy duty flame-retardant insulating tapes of reputed make such as Steelgrip/ Anchor shall be used.</p>
3.28	Painting	<p>Paints of reputed make such as ICI, Asian, Berger, Nerolac shall be used.</p> <p>BHARATH SARKAR in Hindi & 'GOVT. OF INDIA" in English shall be written on either side & rear of the load cabin in red letter.</p> <p>At front an illuminated board should be provided at suitable location with BHARATH SARKAR (Hindi) & 'GOVT. OF INDIA' in post office red colour on white back ground and size of the letter should not be less than 150mm. written in English.</p> <p>Surface Preparation:</p> <p>All the metal surface shall be buffed properly and apply one coat etch primers. After that, one full coat</p>

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		<p>of epoxy primer shall be applied. Allow to dry overnight. Then fill the dents with metal paste and thin coat of NC putty. Again surface shall be prepared (dry sanding) with appropriate emery paper.</p> <p>Then one full coat of epoxy primer shall be applied and allow the surface to dry overnight. Each coat of primer and finishing coats shall be applied only after ensuring that the paint is free from dew or moisture and the surface is hard dry and free from dust.</p> <p>Paint Application:</p> <p>Applying 2 full coats of synthetic enamel metal paint with 24 hours drying time between each coat. Color shade will be confirmed by VSSC at the time of second stage inspection.</p>
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SCOPE OF WORKS, TERMS AND CONDITIONS

1. Scope of supply:

Design & Fabrication of steel closed container body on TATA 712 cab chassis as per the specification attached in Annexure-1, Scope of work, Terms and conditions in Annexure-2. The VSSC specifications shall be followed maintaining minimum requirements as per AIS-093, CMVR 1989, MV Rules 1988 of India and its latest amendments time to time. Any clarification regarding VSSC specifications shall be obtained from VSSC before offering quotation.

2. General design and key requirements:

Design of steel container load body for a payload capacity of 2 ton as per the specification Annexure-1 which includes Steel Container type load body with full width rear door and side door, providing air conditioner system on driver cabin, flat platform without wheel arch projection in loading platform area, mudguard with suppression mat, lashing hooks, Painting as per National Permit guidelines and detailed specifications as per Annexure - 1.

While constructing the steel closed container body, all practicable steps shall be taken to keep the centre of gravity of the vehicle as low as possible and ensure serviceability of all the components comes under the load body of the vehicles.

After design and analysis for a payload capacity of 2 Ton, the detailed fabrication drawing for the same shall be submitted & cleared by VSSC. The required material Procurement/Fabrication of load body shall be commenced only after design & fabrication drawing cleared by VSSC.

3. Statutory regulation to be followed:

The fabrication of Dry Van (Steel) Container Truck body must comply with all applicable Automotive Industry Standards (AIS), CMVR 1989, Kerala MV rules and Motor Vehicle Act 1988 of Govt. of India.

If any statutory regulation is issued vide further amendments from ARAI/CIRT/ICAT, bidder is liable to take approval for the same and build our truck body as per the latest amendments so that vehicle can be registered without any objection by RTA. After delivery of the fully built vehicle at our site, if RTA suggests any modification to comply with any applicable standards for registration, you are liable to do the same without any additional cost so that the vehicle can be registered.

4. Collection of chassis and Delivery of fully built closed truck

The chassis has to be taken by the party from TOMD, VSSC, Thumba, Trivandrum and after body building and VSSC final clearance; it shall be delivered back at TOMD, VSSC, Thumba, Trivandrum. Bank guarantee for the value of the chassis (approx. ₹ 16.00 lakh for one chassis) & Transit insurance policy to be submitted by the party before taking

the vehicle from VSSC for body building works. It will be given only after the successful completion of work and delivery of the vehicle safely at our site.

Chassis with full tank diesel shall be taken from TOMD, VSSC. After the final clearance from VSSC inspection team, the fully built vehicle along with necessary documents for registrations shall be delivered to VSSC. Party shall ensure the full tank diesel in the vehicle while delivery back to TOMD, VSSC.

Being a Govt. of India organization, the vehicle is exempted from taking insurance. Hence, the party is held responsible for the safe transportation, fabrication and delivery back to VSSC.

5. Milestone events & Delivery schedule

- I. **Submission of detailed drawing:-** Within 10 days from the date of acceptance of Purchase order.
- II. **Submission of bank guarantee, transit insurance policy & collection of chassis:** Within 10 days from the date of acceptance of final fabrication drawing by VSSC.
- III. **Delivery of vehicle with all relevant documents for registration:-** Within 60 days from the date of collection of chassis from VSSC excluding time take for inspection by VSSC after the receipt of inspection call letter.

6. Inspection

Normally 3 stage inspection i.e., structural, paneling and finishing stages will be conducted by our inspection team during the body building work as follows. If necessary, we may also have pre-body building discussion & inspection of similar body built by you.

First stage inspection: After completion of all structural fabrication before applying primer. During first stage inspection, necessary arrangements shall be made to sand blast the structure and apply the primer.

Second stage inspection: After completion of paneling of vehicle, second stage inspection and water leak testing will be conducted. Necessary arrangements shall be made to carry out water leak testing of the vehicle during inspection.

Final stage inspection: After finishing, painting & completion of all works in all respect before delivery of the vehicle. Necessary arrangements shall be made to carry out water leak testing and road testing of the vehicle during inspection.

During the inspection, any minor modification and corrective works if found necessary by the inspecting team, shall be carried out as per the instruction of the inspection team without any additional cost. If the quality of work done is not satisfactory to the inspection team, you shall do necessary modifications as suggested by inspection team. After completion of the modifications only and next stage work can be started.

All materials used shall be of reputed manufacturers such as Kalinga, Apollo, JSW (Jindal), Bhushan, Hindalco, Balco. If required by the inspection team, the documents

and test certificates of materials used shall be shown to the inspection team for verification.

Despatch of the vehicle is allowed only after final inspection and clearance given by the inspection team.

The party shall inform us about the stage inspection well in advance to enable us to depute our team for inspection.

7. Payment terms

80% of the payment shall be released after safe delivery of vehicle at VSSC and submission of all necessary documents for registration.

Balance payment shall be made after the successful completion of registration of the vehicles after deducting LD/PBG, if anything applicable.

8. Submission of bid(Bidding format)

- I. Party shall clearly specify the cost for fabrication as per the VSSC specification, applicable GST percentage and charges for chassis collection from VSSC & deliver back after fabrication, etc., separately in the bid. **VSSC will not pay** any additional charges other than the charge mentioned above.
- II. **Transit insurance or any other insurance required while transportation or fabrication shall be taken by the bidder at bidder's risk & cost. VSSC will not reimburse the charges towards the same.**
- III. Further, party shall submit a letter of acceptance of VSSC specification mentioned in Annexure-1 and terms & conditions mentioned in annexure -2 along with the bid.

9. Tender evaluation criteria

Overall L1 position will be arrived based on the total amount payable to the party towards the cost of fabrication and collection of chassis & delivery of fully built vehicle to VSSC. However, there will not be any compromise in the quality of the materials to be used and workmanship. **So, bids with unreasonably low price will be lead to rejection as quality is the main concern.**

10. Registration of vehicles

- I. All documents for registration shall be in the name of Director, VSSC, Trivandrum.
- II. The vehicle's permanent registration will be done by VSSC at "SRTO, KAZHAKUTTOM (KL-22), BUILDING NO.: TC 3/1885/4, VENGAL, KATTAIKONAM P.O., TRIVANDRUM - 695 582, PH: 0471-2411400. Hence, temporary registration shall be taken accordingly.
- III. Form 22 B, Completion certificate, Certificate of unladen weight of fully built vehicle, drawing of the completed vehicle and attested copy of any statutory

approval necessary for vehicle registration shall be supplied along with the vehicle which is required for registration of vehicles.

- IV. The party shall provide necessary assistance for registering the vehicles. If the RTO is raising any objection or clarification regarding the fabrication and its approvals, the party shall settle or rectify the issues at party's risk & cost.

11. Warranty:

The fully built vehicle shall be guaranteed **for a period of two years** from the date of receipt of vehicle at our site against all manufacturing defects, faulty workmanship, substandard materials, rain water leak, etc. If any defects are noticed after acceptance of the vehicle during the warranty period, it shall be suitably rectified by you at your cost to the utmost satisfaction of us within the reasonable time. Repair work of the vehicle required during the warranty period shall be done by you at TOMD, VSSC, Thumba, Trivandrum using your facilities whenever necessary, if required, you may take the vehicle to your premises to carry out repair by submitting a bank guarantee for the value of the vehicle and shall be delivered back to TOMD, VSSC, Thumba, Trivandrum free of cost.

12. Vendor eligibility criteria:

1. Only ARAI/CIRT/ICAT approved body builders shall eligible to quote and a copy of valid certificate shall be produced along with quotation.
2. Parties within a distance of 1000km from VSSC ,Thumba, Trivandrum only will be considered to minimize the time incurred for inspection/clearance during the fabrication.
3. Parties shall have a Minimum 3year's experience in the field of fabrication of trucks. Necessary proof shall be submitted.
4. All bidders are requested to go through the detailed specifications, Annexure-1, Annexure-2, carefully before submitting the offer. Further, they should also sign all the pages of Annexure having read & accepted the same and it shall be submitted along with the quotation.
5. In case order is placed on you, any defect repair work and maintenance of the vehicle required during 2 years' warranty period shall be done by you at Trivandrum or at our site whenever necessary, free of cost. If required, you may take the vehicle to your premises to carry out repair and it shall be delivered back to TOMD, Thumba, VSSC free of cost.
6. Parties shall have the infrastructure & capability for carrying out all the work as in Annexure-1, Scope of work in Annexure-2

13. Additional Documents required:

1. Detailed drawings and dimensions of structure drawing, finished vehicle with overall dimensions drawing, ARAI/ICAT/CRIT approved drawing and unladen weight slip etc. and

all other necessary documents for registration shall be submitted at the time of delivery of the vehicle.

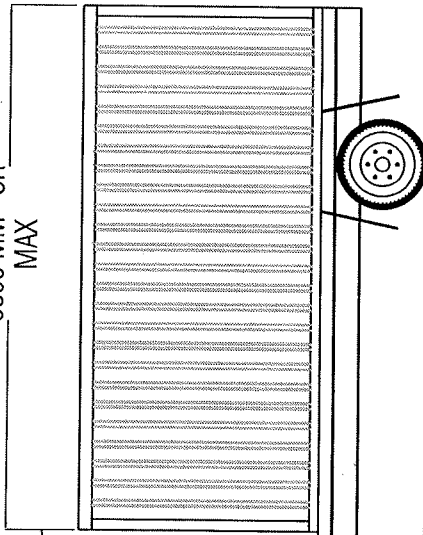
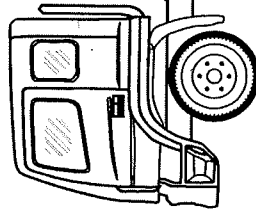
2. A work completion certificate mentioning that the body is built according to the Kerala motor vehicles rules and other applicable Indian standards and a drawing of the completed vehicle with actual dimensions which will be required for producing to RTO after the completion of work shall be provided.

3.All Documents shall be in the name of "The Director, VSSC, Trivandrum".

GAP BETWEEN CABIN AND BODY

300

5300 MM OR MAX



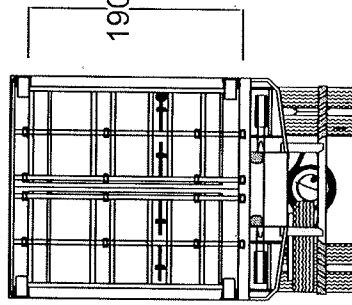
3920 MM WHEEL BASE

7260 MM OVER ALL LENGTH

LHS VIEW

LOAD BODY OVERALL WIDTH

2080 MM MAX



LOAD BODY INTERNAL HEIGHT

1900

REAR VIEW

CONTAINER TYPE BODY ON TATA LPT 712 LPT3920 WB CAB CHASSIS
VIKRAM SARABHAI SPACE CENTER, TRIVANDRUM

- NOTE
1. APPROX WHEEL BASE OF THE CHASSIS CONSIDERED 3920
 2. ALL STEEL BODY, GI STRUCTURE AS PER SPECIFICATION IN ANNEXUR
 3. TO BE CONSTRUCTED AS PER CMVR 1988, AIS AND MV ACT 1988 OF INDIA

WG: ALL DIMENSIONS ARE IN MM DATE: 13.03.2024

SIZE A4

DO NOT SCALE THE DRAWING



COMMERCIAL CONDITIONS

1. Tender Documents can be downloaded from our websites: www.vssc.gov.in / www.isro.gov.in. Tender Fee (Rs. 560/-) shall be paid through Non-tax & Revenue Receipts Portal (NTRP)(URL: <https://bharatkosh.gov.in>). Payment receipt shall be submitted along with the quotation. Other mode of payment is not acceptable. [The tender fee is NON-REFUNDABLE]. Government Departments, PSUs (both Central and State), Small Scale Industries units borne in the list of NSIC, MSME and foreign sources are exempted from submission of tender fee. Those who are coming under the above category should submit documentary evidence for the same.
2. PAYMENT: As per clause No. 7 of Annexure-II.
3. Please keep and confirm the offer validity minimum 180 days from the date of opening of tender
4. Please send the quotations ONLY in 'SEALED COVER' super scribing our Tender Enquiry No. and Due Date by speed post so as to reach us on or before the due date and time. The cover thus prepared should be sent to the following address so as to reach us on or before the due date and time specified in the tender form:

Sr. Purchase and Stores Officer,
Purchase Unit-I, Main Purchase,
RFF Area, Vikram Sarabhai Space Centre,
ISRO-PO, Trivandrum-695 022

VSSC will not be responsible for any postal delays. Email/fax quotations 'WILL NOT BE ACCEPTED'.
5. Basic rate and GST rate with applicable HSN Code shall be shown separately.
6. In order to avail of the benefits extended by Government of India to the Micro and Small sectors, please submit attested copy of the valid Entrepreneur Memorandum Part-II signed by the General manager, District Industries Centre or NSIC or MSME Registration Certificate along with your offer. [Note: MSME/NSIC vendors are not exempted from submission of SD].
7. VSSC has a right to cancel the tender without assigning any reason etc.
8. LIQUIDATED DAMAGES (mandatory compliance required): The Delivery Period of the stores, including satisfactory installation, commissioning and training, stipulated in the Purchase Order is the essence of the contract. In case of delay in delivery of material as per the delivery schedule mutually agreed and stipulated in the purchase order, liquidated damages @0.5% per week or part thereof on the undelivered portion subject to a maximum of 10% of the contract value shall be levied. If the contract includes installation and commissioning, the LD shall be levied on the full order value.
9. EMD: The vendors who are not registered with VSSC, shall submit an EMD (Earnest Money Deposit) or Bid Security through NTRP for Rs. 36,600/-. The EMD of the unsuccessful vendor will be returned without any interest within 30 days from the date of finalization. Foreign vendors, registered vendors or vendors who have already applied for renewal of registration, Central PSUs/PSEs/Autonomous Bodies/MSMEs etc., shall be exempted from payment of EMD. Vendors seeking exemption from payment of EMD shall submit necessary proof like registration number (vendor code), etc. The quotation submitted by unregistered vendor without EMD will not be considered. The EMD submitted by unregistered vendors will be forfeited in the case of withdrawal of quotation or amendments in quotation or any such deviation in a later period.
10. SECURITY DEPOSIT (mandatory compliance required): In the event of placement of order, you should submit Security Deposit @ 3% of the order value of the PO. The Security Deposit shall be valid for a period of 60 days beyond the date of completion and acceptance of the PO/Contract. The Security Deposit will be discharged without any interest after completion and acceptance of the Contractual Obligations. In case if the contractor fails to execute the order after submission of SD, then SD shall be forfeited.

11. Arbitration:

In the event of any dispute/s, difference/s or claim/s arising out of or relating to the interpretation and application of the Contract, such dispute/s or difference/s or claim/s shall be settled amicably by mutual consultations of the good Offices of the respective Parties and recognizing their mutual interests attempt to reach a solution satisfactory to both the parties. If such a resolution is not possible, within 30 days from the date of receipt of written notice of the existence of such dispute/s, then the unresolved dispute/s or difference/s or claim/s shall be referred to the Sole Arbitrator appointed by the Parties by mutual consent in accordance with the rules and procedures of Arbitration and Conciliation Act 1996 as amended from time to time. The arbitration shall be conducted in Bengaluru in the Arbitration and Conciliation Centre – Bengaluru (Domestic and International) as per its rules and regulations. The expenses for the Arbitration shall be shared equally or as may be determined by the Arbitrator. The considered and written decision of the Arbitrator shall be final and binding between the Parties. The applicable language for Arbitration shall be “English” only.

Work under the Contract shall be continued by the CONTRACTOR during the pendency of arbitration proceedings, without prejudice to a final adjustment in accordance with the decision of the Arbitrator unless otherwise directed in writing by the DEPARTMENT or unless the matter is such that the works cannot be possibly continued until the decision (whether final or interim) of the Arbitrator is obtained.

12. VSSC reserves the right of acceptance of the whole or any part of the tender or portions of the quantity offered and the tenderers shall supply the same at the rates quoted.