

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./365/2023 दि. 01.12.2023
ADVT. NO. VSSC/P/ADVT/365/2023 DT. 01.12.2023

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 (क्रम सं. 1 के लिए) तथा, ई-प्रापण के ज़रिए निविदा (क्रम सं. 2, 3 और 4) 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 Sl. No. 01) & Tender through e-procurement (for Sl. No. 02, 03 & 04)** for the following :-

क्रम सं. Sl. No	निविदा सं. Tender No.	वर्णन / Description	मात्रा Qty.	निविदा शुल्क Tender Fee
01.	B220-2023-4225-01 [एकल भाग / SINGLE PART]	अशोक लेयलैंड बॉस PA 1920 के 5100 mm व्हील आधारित चैसिस पर संविरचित स्टील आबद्ध कन्टेनर बॉडी Fabrication steel closed container body on 5100 mm wheel based chassis of Ashok Leyland Boss PA 1920	3 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				
02.	VSSC/PURCHASE UNIT I (MAIN PURCHASE)/ VS202300271001 [दो भाग / TWO PART]	उच्च उपलब्धता समर्थन के साथ पेरिमीटर नेटवर्क फायरवाल्स Perimeter Network Firewalls with High Availability Support	2 सं./ No.	लागू नहीं/ NA
03.	VSSC/PURCHASE UNIT I (MAIN PURCHASE)/ VS202300468801 [एकल भाग / SINGLE PART]	बीआरसी कैटीन में बायो गैस संयंत्र के लिए अन्व्यापक एएमसी Non Comprehensive AMC for Bio gas Plant in VRC Canteen	2 वर्ष/years	
04.	VSSC/PURCHASE UNIT I (MAIN PURCHASE)/ VS202300612601 [एकल भाग / SINGLE PART]	कार्यालय समर्थन गतिविधियों के लिए कार्य पैकेज Work Package for Office Supporting Activities	2 वर्ष/years	

निविदा प्राप्त करने की अंतिम तिथि / Due Date for Receipt of Tender (क्रम सं. / Sl. No. 1)	01/01/2024 up to 16:00 Hrs.
निविदा खोलने की तिथि / Tender Opening Date (क्रम सं. / Sl. No. 1)	02/01/2024 at 10:00 Hrs.

क्रम सं./ Sl. No.	बोली प्रस्तुत करने की समय-सीमा Time limit for submission of Bid	बोली खोलने की तिथि Bid Opening date
03.	Upto 20.12.2023 [14:00 Hrs.]	20.12.2023 [14:00 Hrs.]
04.	Upto 21.12.2023 [14:00 Hrs.]	21.12.2023 [14:30 Hrs.]
05.	Upto 01.01.2024 [14:00 Hrs.]	01.01.2024 [14:30 Hrs.]

विशेष टिप्पणी/Special Note :- (EXCEPT SL. NO. 2)

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.

क्रम सं. 1 की निविदा के लिए ईएमडी लागू है / **EMD applicable for tender at Sl. No. 1.**

क्रम सं. 2, 3 और 4 के लिए विवरण ई-प्रापण पोर्टल <https://eproc.vssc.gov.in> पर उपलब्ध है।

For Sl. No. 2, 3 & 4, details are available on ISRO e-procurement portal <https://eproc.vssc.gov.in>

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 अन्तरिक्ष केन्द्र
तिरुवनन्तपुरम -695022
क्रय एवं भंडार



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

Ph No. 0471-2563139, 3676, 3522, 3523 Fax. 0471-2705092 / 2562065
e-mail : spso_psd@vssc.gov.in

निविदा आमंत्रण
INVITATION TO TENDER

मैसर्स
M/s 00000 हमारी संदर्भ सं.
Our Ref. No. B220 2023-004225-01
निविदा अंतिम तिथि
Tender Due at 10:00 hrs IST on 02/01/2024

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 steel closed container body on 5100 mm wheel based chassis of Ashok Leyland Boss PA 1920 as per CMVR 1989, AIS, MV Act 1988.	nos	3

सुपुर्दगी स्थल

Delivery At CRS, 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

(1) VSSC specifications is enclosed in Annexure-1, scope of work, Terms & conditions in Annexure-2, Drawing in Annexure-3

(2) Warranty : Minimum two years for any defect in materials and workmanship.

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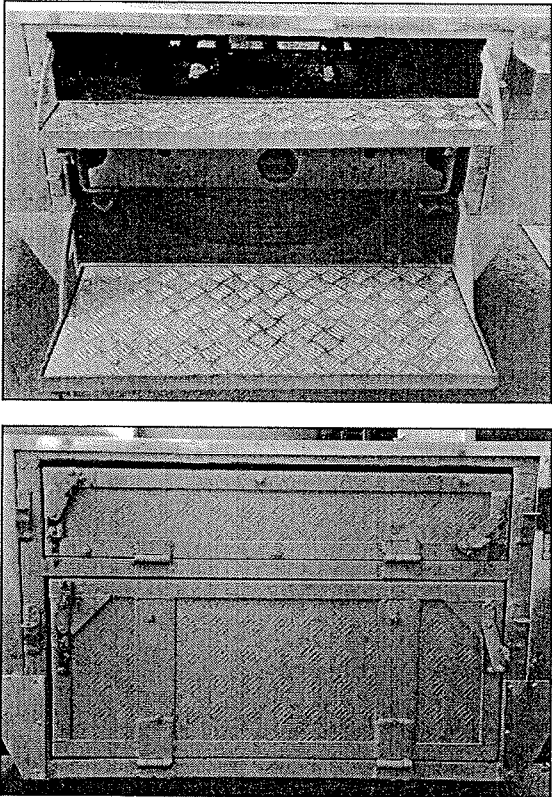
FABRICATION STEEL CLOSED CONTAINER BODY ON ASHOK LEYLAND BOSS PA 1920

To be constructed as per CMVR 1989, AIS and MV Act 1988 of India as applicable		
(Dimension ± 10 mm unless mentioned)		
Sl. No.	Description	Specification
1.	Truck Chassis of following specification will be supplied to the party for construction of Dry Van Container type closed body on it.	
1.1	Make & Model	Ashok Leyland Boss PA 1920 4×2 Haulage
1.2	Chassis Type	Heavy Duty Haulage Type
1.3	Kerb Weight	5150 kgs
1.4	GVW	18500 Kgs (± 10 Kgs)
1.5	Chassis with built-up cabin	Yes
1.6	No. of Cylinders	6
1.7	Engine Capacity	5760cc
1.8	Engine BHP Max.	197 HP @ 2300-2500rpm
1.9	Engine Torque Max.	700 Nm @1500-2000rpm
1.10	Vehicle Air Intake System	Turbo Charged Inter-cooled
1.11	Type of Fuel	Diesel
1.12	Vehicle Emission Compliance	BS-VI
1.13	Vehicle Mileage	4.0 kilometer per litre
1.14	Fuel Tank capacity	185 litre
1.15	Clutch	Single dry plate clutch with air assisted hydraulic brake booster
1.16	Transmission type	Manual Synchromesh Transmission with overdrive
1.17	No. of Forward gears	6
1.18	Top Speed (kmph)	80
1.19	Type of Wheel Drive	Two Wheel drive - Rear wheel drive
1.20	Axle Configuration	4 × 2
1.21	Front Axle	Forged 'I' section

1.22	Rear Axle	Fully floating live rear axle
1.23	Type of Steering	Power Steering
1.24	Turning Circle Diameter	16 metre (Maximum)
1.25	Suspension	Semi elliptical spring suspension
1.26	Braking System	Full dual line air braking system with ABS
1.27	Chassis frame	High Speed Steel - 'C' section
1.28	Tyre	7 nos. of 295/90R20 - 16 PR Radial Tyres with Tube & Flap.
1.29	Overall Dimensions of chassis with driver cabin	
1.29.1	Wheel base	5100mm
1.29.2	Front overhang	1300mm
1.29.3	Rear overhang	2400mm
1.29.4	Overall width	2450mm
1.29.5	Overall length	8800mm
2.	Dry Van (Steel) Container Body Specification	
2.1	Type of Body	Steel closed container body with full width rear doors
2.2	Minimum payload capacity	8000 kg
2.3	Load body Exterior length	6000mm Minimum
2.4	Load body Exterior width	2500 - 2600mm
2.5	Load body Exterior height	2500 - 2700 mm
2.6	Cab and load body gap	150mm Minimum
2.7	Sub Frame Long Member	Sub frame Long member (full length of load body) made of Formed steel channel ISMC - 150x75x5.4mm with adequate strength to bear impact loads.
2.8	Cross Members/Bearers	Suitable number of cross members made of formed steel channel 'C' 100x50x5 mm shall be provided at a distance of 450mm(max.) apart. i.e., 12 nos. minimum. Minimum 2 rows (longitudinally in between sub frame & side rail) of formed steel channel 'C' of suitable size shall be provided in addition to bottom side rail.

2.9	Mounting of the load body or load platform	<p>*The mounting arrangement for load body shall ensure adequate rigidity of body with the chassis.</p> <p>*The mountings shall ensure adequate resistance against lateral / transverse movement of load body in case of braking or sudden acceleration or cornering or while driving on slopes.</p> <p>*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.</p>
2.10	Body construction requirements	<p>*In constructing the body or load platform, all practicable steps shall be taken to keep the centre of gravity of the vehicle as low as possible.</p> <p>*The load body shall be constructed over a sub-frame to distribute the load evenly on the chassis frame and also to create gap between body and tyre / chassis for wheel articulation.</p> <p>*The material used for sub-frame construction shall be steel with adequate strength to bear impact loads.</p> <p>*The floor, head board (also called crash guard or front wall) and side walls are the main load bearing elements of the body and shall be fabricated using suitable size material to bear the payload</p> <p>*The side walls and crash guard shall be constructed to bear a part of load carried on the vehicle in case of braking, turning, travel on slopes etc., as given in safety requirements.</p> <p>* The floor of the load body shall be constructed to withstand minimum 8 Ton payload without any deflection.</p>
2.11	Loading Platform Type	<p>Flat type without wheel arch projection in loading platform area and shall be at minimum possible height. The floor shall be rigidly supported on the sub-frame. The section of floor and floor supports in the sub-frame shall be pitched or spaced to achieve distributed loads even in case of concentrated loads such as steel coils or fork lifts etc.</p>

2.12	Body Panels	<ul style="list-style-type: none"> ✓ Head board and side board panels made of 1.6 mm thick Galvanized (GI) corrugated panels as per as per IS 513 D grade (185mm pitch Max.). ✓ Floor panel shall be made up of 5mm thick MS chequered sheet as per IS:2062. They shall be CED coated. ✓ Side walls (RH & LH), front wall and roof internal Stiffeners and anchoring provisions shall be made as per clause 3.3 ✓ Roof panel shall be made of 1.6 mm thick GI corrugated or 2mm thick flat GI sheet (Will be confirmed during stage inspection). ✓ If flat sheet is recommended by inspection team, tar sheet on full roof shall be provided. ✓ Hinged Tail (rear) door made of 60×40 box structure covered with 1.6 mm thick Galvanized (GI) corrugated panels as per IS 513 D grade. ✓ Side sills, corner post & verticals shall be made of 150×150×3mm or suitable size MS Formed sections ✓ Heavy duty mounting pillars (posts) strong enough to bear the weight of rear doors shall be provided.
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2.13	Rear Footstep	<p>A three step foldable foot step of suitable size with lock shall be provided at the rear similar to the two step foot step model photo attached below. 3.15mm thick MS chequered sheet as per IS:2062 and 40 × 40 × 3mm MS angle shall be used for construction of a foldable foot step. In addition, a foldable handle of suitable size shall also be provided on each step to pull the step easily.</p> 
2.14	Wheel Arch Assembly & Mud Guards	<p>a) Wheel arch panel made of 1.6mm thick IS:513 formed sheets fitted at bottom of Cross member to suit Chassis</p> <p>b) Mud guards with Suppression Mat to be fitted on Wheel arch panel appropriately</p>

2.15	Rear Doors	<p>a) It shall be provided with two doors having door aperture size of full width & height as that of the container internal width & height.</p> <p>b) Preferably Bloxwich type ISO container door lock system with 4 Nos. (2 nos. on each door) lock rods</p> <p>c) The double leaf doors shall have 270deg. outward swing opening with locking provision.</p> <p>d) The doors shall be of submerged type having rain water flap at the top and weather proof beadings (preferably EPDM door seals - 'J' cum 'C' type) on all sides.</p> <p>e) All doors, windows and hatches should be so constructed such that it does not permit ingress of rain water and dust, in the fully closed condition.</p>
2.16	Ground clearance	500mm Max. for rear bumper
2.17	General	<p>Any additional no. of pillars, runners, cross bearers if recommended by our inspection team during fabrication, shall be provided without any additional cost.</p> <p>The structure shall be fabricated using superior quality branded GI/MS tubes/sheet of Kalinga, Apollo, JSW (Jindal), Bhushan or similar make.</p> <p>All other structure materials used shall also be of GI materials wherever feasible. The GI coating shall be minimum 120GSM.</p> <p>All welded joints shall be cleaned thoroughly and zinc-rich shall be applied. Double coat of primer shall be applied on all structures.</p>

3.	Safety Requirements	
3.1	Crash Guard or Head board or Cab Rear Wall	<p>A Crash board capable to withstand 20% of rated pay load (GVW-ULW), the maximum however being 5000 kgf shall be provided as per AIS-029 for protection of occupants of driver cab from forward shifting of loads in load body on sudden braking. This shall be detachable type. Its width shall be equivalent to the width of cab and height shall be at least 1000mm.</p> <p>It shall be made of 40×20×2 mm tube (3 Nos.) and 3.15mm Chequered sheet in from wall inner side.</p>
3.2	Side walls	The side wall capable to withstand 15% of rated pay load (GVW-ULW) shall be provided.
3.3	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 60x 40mm size at an internal of 1.5 mtrs.</p> <p>Right side, left side and front side walls shall be stiffened internally with horizontal long GI section of 60x 40mm size at the base, 1 metre, 2 metre heights respectively. Anchoring provisions with U clamp shall be provided at three horizontal levels (base, 1mtr, 2mtr) at an interval of 1mtrs (min). Anchoring U clamps shall be projected upward in order to avoid the hindrance with the consignment on its loading/ transportation.</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>
3.4	Rear wall or tail gate	The tail gate capable to withstand 15% of rated pay load (GVW-ULW) shall be provided.

3.5	Lashing (Rope) Hooks	<p>The load bodies shall be so constructed to allow use of covers, wherever required and shall have facility to provide positive lashing of goods being carried in load body.</p> <p>Rope hooks or any such appropriate feature shall be provided on sides, front, rear or base of the load body to facilitate spreading and fastening of covers over the body.</p> <p>The rope hooks provided below the loading platform shall be considered as anchorage for lashing and the same shall be type approved to carry a load of at-least 500 kgs.</p> <p>The number of hooks to be used shall be determined by the load to be carried and the capacity of the hook.</p>
3.6	Retro Reflecting markings and Side Marker Lamps	<p>Retro-reflectors and LED type side marker lamps shall be provided as per the requirements stated in AIS-008, as amended from time to time.</p> <p>The reflective markings shall meet the requirements stated in AIS-089, amended from time to time and as notified under Central Motor Vehicle Rules, 1989.</p>
3.7	Lateral/Side Under-run Protection (SUPD)	<p>The lateral or side under-run protective device (SUPD) shall be as per requirements of IS:14682, as amended from time to time. Detachable type shall be provided on battery mounded side with theft protection.</p>
3.8	Rear Under-run Protection (RUPD)	<p>The rear under-run protection device (RUPD) shall meet the requirements of IS:14812, as amended from time to time.</p>
3.9	First aid box	<p>First Aid kit containing items notified under Rule 138(4) (d) of Central Motor Vehicle Rules, 1989 shall be provided in the truck cab.</p>
3.10	Fire Extinguisher	<p>1 No. of 5kgs. Capacity dry carbon powder type capable of extinguishing ABC class fires shall be fitted with locking provision.</p> <p>The fire extinguisher shall be secured against tampering and shall be easily accessible to incumbent. Also the location shall be marked clearly.</p>

4.	Other Fitments	
4.1	Roof Inner Lights	4 nos. of LED lights shall be provided on container.
4.2	Roof Marker Lamps	To be provided as per rules
4.3	Side Marker Lamps	10 nos. (5 nos. on each side) of LED lights shall be provided.
4.4	Tar Sheet	High quality tar sheet shall be provided above the roof.
4.5	National Permit Board	A board with the inscription "National permit" in blue letters on white background shall be provided on front top of the driver cabin.
4.6	Stickers or Marking	<p>"Govt. of India" marking in English and "Bhaarath Sarkar" marking in Hindi shall be done on front windshield glass, RH side DSD panel, LH side DSD panel and on rear door.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> GOVT OF INDIA </div> <p>Background Colour: White Background of height: 200mm Font: Bookman Old Style (Bold) for English Font Colour: P.O. Red Font height: 140mm</p>
5.	Other Specific Requirements	
5.1	Wheel Hump	Wheel hump construction is not permitted in platform.
5.2	Wind Deflector	Suitable wind deflector having sufficient strength shall be provided.
5.3	Stowage Space	Storage space, for keeping driver/ co-passenger personal belongings and utility items like tarpaulin, manila rope, assorted tools etc. shall be provided in any suitable part of the load body. The maximum load capacity of such a stowage space shall be specified on a plate fitted outside the stowage space.
5.4	Welding	Complete MIG welding as per ALS 276.04 shall be used for fabrication.

5.5	Fasteners	8.8 and 10.9 Grade as applicable
5.6	Surface Preparation	Spray Phosphating as per ALS 268.03 CLASS C.
5.7	Painting	<p>Painting and necessary marking shall be done as specified for All India Permit Truck in CMVR 1989 or its latest amendment. Dark grey colour paint is preferred on load cabin and same will be confirmed by the inspection team during second stage inspection. Paint colour shall be made exactly same shade as that of sample colour template provided by VSSC.</p> <p>Superior quality paints of reputed make such as ICI, Asian, Berger, Nerolac, Akzo Nobel or Equivalent shall be used.</p> <p>Stoving Epoxy Primer & Stoving Top Coat with 60 microns Dry Film Thickness (DFT).</p>
5.8	Changing of OEM cabin colour to body colour	OEM cabin colour(white) shall be changed to body colour (colour shade will be intimated during the stage inspection).

GENERAL CONDITIONS FOR BODY BUILDING:

1. Any clarifications regarding fabrication must be obtained before giving your quote.
2. All body materials used shall be of reputed manufacturers such as Kalinga, Apollo, JSW (Jindal), Bhushan, Hindalco, Balco, Tata steel, TMT, Vizag steel or equivalent and shall be new, free of rust/corrosion. If required by the inspection team, the documents and test certificates of materials used shall be shown to the inspection team for verification.
3. All other materials & electrical accessories used shall be of reputed manufacturers and type approved wherever applicable. If any items used are found to be inferior by the inspection team, the same shall be replaced with recommended quality material.

PRECAUTIONS TO BE TAKEN DURING BODY BUILDING:

1. Body building instructions and CMVR requirements given by the truck chassis manufacturer shall be followed during fabrication of truck.
2. Battery shall be removed and kept in safe location during body building. Its condition shall be checked regularly and if required, it shall be charged.
3. Wheel arch to tyres clearance shall be so provided as to avoid tyre fouling with the wheel arch even in extreme conditions. Recommended vertical clearance by the OEM as measured in unladen condition to be complied strictly.
4. Working clearance required for drop arm movement, axle articulation, suspension movement, variation in propeller shaft drive lines, flexible pipes, bumper clearance. etc., must be provided.
5. Precautions for Electronic Diesel Control System (EDC), Exhaust Gas Recirculation (EGR) and Exhaust After Treatment (EAT) given by the vehicle manufacturer shall be followed strictly during body building.
6. The EDC shall be disconnected from the harness and a dummy cap/cover with plastic bags shall be put on the ECU connector. There should be no ingress of water through the wiring harness on the ECU. The ECU as such shall be covered in a box so that if any washing is done the ECU will be protected.
7. Before welding, the following shall be followed mandatorily.
 - Disconnect the battery terminals (both positive & negative terminal of 24V supply)
 - Disconnect two connectors of the ECU and have the panel cover refitted.
8. Ensure that the intermediate connector (supply +ve and -ve for ECU) between the DC to DC converter and wiring harness is properly locked and intact.

SCOPE OF WORKS, TERMS AND CONDITIONS

1. Scope of supply:

Fabrication steel closed container body on Ashok Leyland Boss PA1920as per the specification attached in Annexure-1, Scope of work, Terms and conditions in Annexure-2, Drawing in Annexure-3. 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:

Heavy closed truck with sleeper berth driver cabin, 18500 Kgs GVW, 8Ton Min. Payload, 5100mm wheel base, 6000mm minimum loading span, battery cut-off switch, stowage space, Steel Container body with full width rear doors, flat platform without wheel arch projection in loading platform area, mudguard with suppression mat, lashing hooks, Painting as per National Permit guidelines and having 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.

After design and analysis for a payload of 8 Ton capacity, 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/ All risk insurance for the value of the chassis (approx. ₹ 26,12,000.00 for one chassis) 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 10days from the date of acceptance of Purchase order.
- II. **Submission of bank guarantee & 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.

9. 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. Any clarifications regarding fabrication must be obtained before submitting your quotation.
5. All bidders are requested to go through the detailed specifications, Annexure-1, Annexure-2, Annexure-3 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.
6. 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.
7. Parties shall have the infrastructure & capability for carrying out all the work as in Annexure-1, Scope of work in Annexure-2, Drawing in Annexure-3.

10. Additional Documents required:

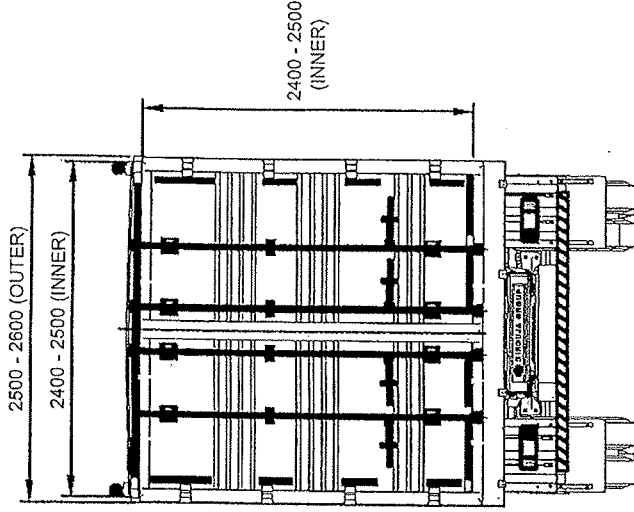
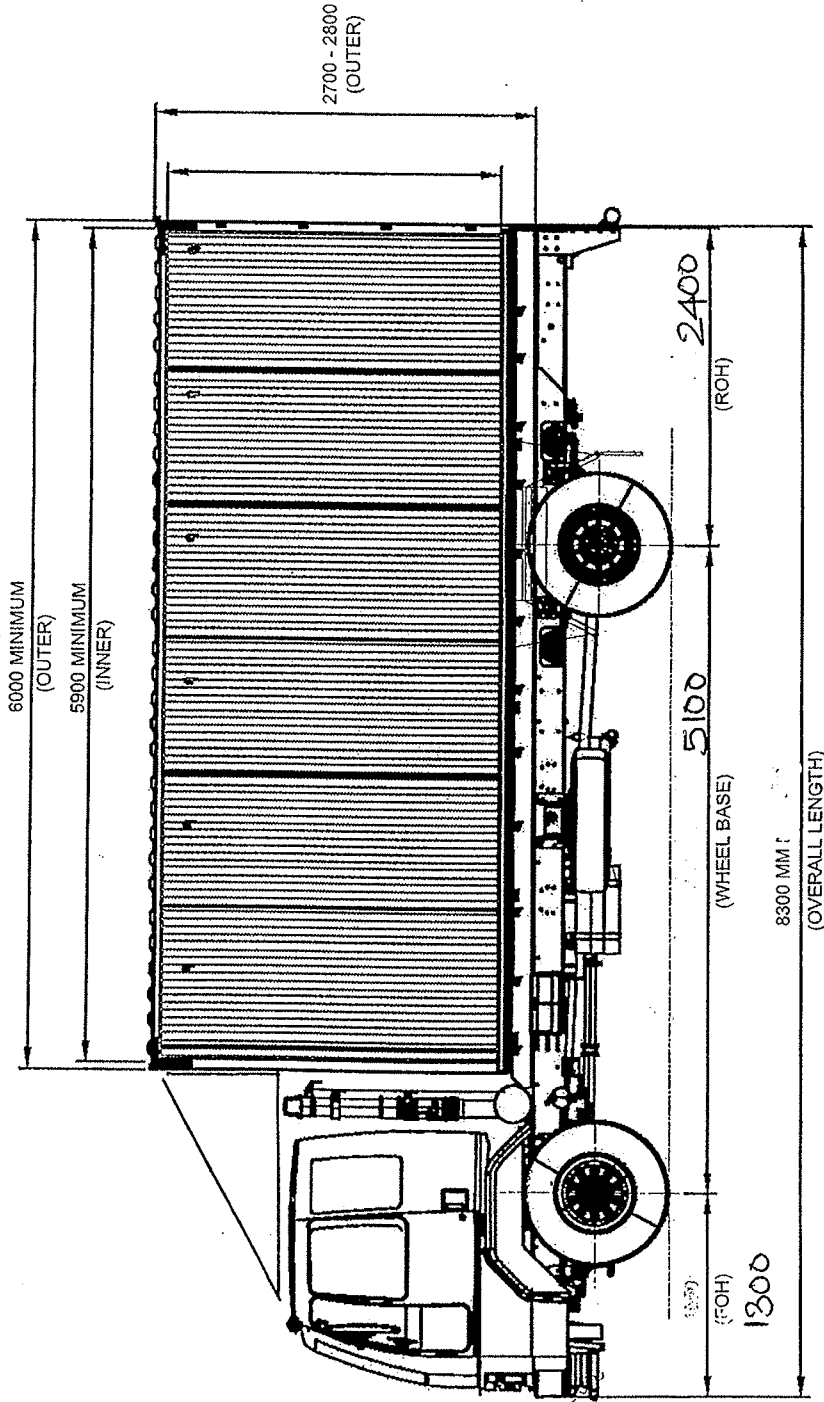
1. Detailed drawings and dimensions of structure drawing, finished vehicle with overall dimensions drawing, ARAI/ICAT/CRIT approved drawing and unladen weight slip etc. and

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".

Annexure 3



REAR VIEW

DRY VAN (STEEL) CONTAINER BODY TYPE HEAVY CLOSED TRUCK

Vikram Sarabhai Space Centre, Trivandrum



Note:

1. APPROX. WHEEL BASE OF THE CHASSIS CONSIDERED IS 4750 MM
2. ALL STEEL BODY (GI STRUCTURE) AS PER SPECIFICATION IN ANNEXURE 1
3. TO BE CONSTRUCTED AS PER CMVR 1989, AIS AND MV ACT 1988 OF INDIA

AWING NO:

VSSC/TOMD/DVC/21

DO NOT SCALE THE DRAWING

ALL DIMENSIONS ARE IN MM

5A

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 vehicle should be provided on all working days as per the intimation from APEP. In case vehicle is not provided on any day, the charges per day as per the contract will not be paid. In case Department has to make alternate arrangements for transportation, the additional amount required to be paid, if any, will be recovered from the bill in addition to liquidated damages @ 0.5% of the charges per day.
9. EMD: The vendors who are not registered with VSSC, shall submit an EMD(Earnest Money Deposit) or Bid Security through NTRP for Rs. 73,800/-. 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. 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.

2. E-Tenders are invited for **Perimeter Network Firewalls with High Availability Support.** The Bids are to be prepared and submitted in specified Templates online, by logging into the portal <https://eproc.vssc.gov.in>. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/PURCHASE UNIT I (MAINPURCHASE)/VS202300271001 Dt. 23.11.2023 and Print Media Advertisement ref. No. VSSC/P/ADVT/365/2023 Dt. 01.12.2023. E-Tenders are invited for **Perimeter Network Firewalls with High Availability Support** through our E-procurement site <https://eproc.vssc.gov.in>. Bids can be submitted **upto 20.12.2023 [14:00 Hrs.], Bid Opening date : 20.12.2023 [14:00 Hrs.].**

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal <https://eproc.vssc.gov.in> by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 0471 2565454 / 4102 / 4163 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender. New vendors who are submitting their registration requests shall select 'Vikram Sarabhai Space Centre' as the Centre for profile approval and Contact - 0471 2562527 for approving their profiles.

Important Notice : Tender shall be opened on the first day of the schedule [ie. **20.12.2023 [14:00 Hrs.].** If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

This is a two-part tender, Technical & Commercial part (Part I) and Price Part (Part II) shall be uploaded separately. The tenderers should not attach any documents containing Price information along with Technical & Commercial Bid (Part I). However, a copy of your PRICE BID, AMC quote, etc. **WITHOUT PRICE** SHALL BE UPLOADED in the Documents Solicited from the Vendor Field [available in Bid forms] TO KNOW THE PATTERN OF QUOTE. [ENSURE **NOT TO MENTION ANY PRICE**, OTHERWISE THE QUOTE WILL BE INVALID]. We do not open PART II (Price Bid), if PART-I (Technical & Commercial offer) does not meet with our technical specification requirements.

THE TECHNICAL DOCUMENTS NEED TO BE ATTACHED ONLINE AS A SINGLE PDF FILE WITHOUT ANY PRICE INFORMATION, TECHNICAL BID CONTAINING PRICE DETAILS WILL BE TREATED AS REJECTED.

3. E-Tenders are invited for **Non Comprehensive AMC for Bio gas Plant in VRC Canteen.** The Bids are to be prepared and submitted in specified Templates online, by logging into the portal <https://eproc.vssc.gov.in>. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/PURCHASE UNIT I (MAINPURCHASE)/VS202300468801 Dt. 28.11.2023 and Print Media Advertisement ref. No. VSSC/P/ADVT/365/2023 Dt. 01.12.2023. E-Tenders are invited for **Non Comprehensive AMC for Bio gas Plant in VRC Canteen** through our E-procurement site <https://eproc.vssc.gov.in>. Bids can be submitted **upto 21.12.2023 [14:00 Hrs.], Bid Opening date : 21.12.2023 [14:30 Hrs.].**

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal <https://eproc.vssc.gov.in> by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 0471 2565454 / 4102 / 4163 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender. New vendors who are submitting their registration requests shall select 'Vikram Sarabhai Space Centre' as the Centre for profile approval and Contact - 0471 2562527 for approving their profiles.

Important Notice : Tender shall be opened on the first day of the schedule [ie. **21.12.2023 [14:30 Hrs.]**]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.

4. E-Tenders are invited for **Work Package for Office Supporting Activities**. The Bids are to be prepared and submitted in specified Templates online, by logging into the portal <https://eproc.vssc.gov.in>. The Vendors are advised to submit the Bids much before the Closing Time to avoid last minute problems.

E-Procurement No. VSSC/PURCHASE UNIT I (MAINPURCHASE)/VS202300612601 Dt. 01.12.2023 and Print Media Advertisement ref. No. VSSC/P/ADVT/365/2023 Dt. 01.12.2023. E-Tenders are invited for **Work Package for Office Supporting Activities** through our E-procurement site <https://eproc.vssc.gov.in>. Bids can be submitted **upto 01.01.2024 [14:00 Hrs.], Bid Opening date : 01.01.2024 [14:30 Hrs.]**.

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal <https://eproc.vssc.gov.in> by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 0471 2565454 / 4102 / 4163 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender. New vendors who are submitting their registration requests shall select 'Vikram Sarabhai Space Centre' as the Centre for profile approval and Contact - 0471 2562527 for approving their profiles.

Important Notice : Tender shall be opened on the first day of the schedule [ie. **01.01.2024 [14:30 Hrs.]**]. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule. Bidders who are desirous of attending the tender opening may make arrangements for attending the tender opening at their cost.