कोचिन पत्तन प्राधिकरण
Cochin Port Authority
समुद्री विभाग /Marine Department

No.MD/DM/CARAVAN/2026 **Date: 27-11-2026**

NOTICE INVITING BUDGETARY OFFER

Cochin Port Authority is contemplating to procure one number Caravan for the use of Seafarers by availing a Grant-in-aid from DG Shipping. The bidder selected for this tender is required to procure the Chassis and fabricate the Caravan as per the Tender Specification and Scope of Work described in this Section.

Purpose of the Caravan & it's essential features :-

Caravan proposed will be generally stationed in COPA area at Wiilindon Island and the same has to be mobilized to various Berth locations in Puthyvypeen, Vallarpadam, Ernakulam Wharf, Mattanchery Wharf etc. as per the requirements. In certain cases, Seafarers from the vessels berthed at Cochin Port requiring Psychological Counseling, Doctor's Consultation etc. may not be able to get sufficient time to go outside the Wharves for availing such treatments from hospitals located in Kochi City while the vessels are staying for a shorter period at Cochin Port. In such scenarios, the above services are proposed to be provided in the Caravan Stationed near to the ship at berth itself. The Caravan is therefore proposed to provide temporary facility within the Wharf Area itself for the Sea farers to avail Psychological Counseling , Doctor's Consultation, Library cum-reading room and small recreational activities, Wi-fi connectivity to use Computer System/Telephone for various purposes, small refreshment etc. A lay out of the proposed Caravan showing basic dimension of each room is attached.

In order to prepare the cost estimates for inviting open tenders for the fabrication & supply of new Caravan, Cochin Port now invites budgetary offers from reputed firms, as per the Scope of Work and Terms & Conditions enclosed as **Annexure-I.**

The bidders are requested to submit the **Budgetary offers** as per the Price Schedule attached as Annexure-II and may be sent by email to the below mentioned E-mail address so as to reach us on or before **06-12-2026 at 17:00 hrs.**

The bidders requiring clarification if any, may contact Superintending Engineer (M), Tanker Terminals (Mob: 9446314127, E-mail: sajeev.va@cochinport.gov.in), Cochin Port Authority.

The bidders may note that the offers are invited only for **budgetary** purpose. Cochin Port is not bound to award the work to any bidders based on the **budgetary** offer submitted. Cochin Port Authority will not be liable for any financial obligation to the bidders in connection with the preparation of his budgetary offer.

Encl: ANNEXURE-I & II

Sd/-

SUPERINTENDING ENGINEER(M)
COCHIN PORT AUTHORITY

ANNEXURE-I

SCOPE OF WORK & TECHNICAL SPECIFICATION FOR FABRICATION & SUPPLY OF ONE CARAVAN FOR THE USE OF SEAFARERS

Back ground:-

Cochin Port Authority is contemplating to procure one new Caravan for the use of Seafarears by availing a Grant- in- aid from DG Shipping. The bidder selected for this tender is required to procure the Chassis and fabricate the Caravan as per the Tender Specification and Scope of Work described in this Section.

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List of Rooms proposed to be provided in the Caravan and its purpose are as below:-

No.	Room / Area	Purpose	Facilities / Features
(1)	**Consultation/Counseling Room**	To provide medical assistance and counseling to the Seafarers.	• A single cot with provision for folding to the wall • One table with provision for folding to the wall • Two sitting chairs
(2)	**Common Toilet**	A common toilet is proposed in the Caravan.	—
(3)	**Pantry Area**	To provide refreshment to the Seafarers	• Microwave oven • Hot water dispenser • Mini fridge • Glass, cup & saucer stand • Wash basin • Sink • Waste bin • Chairs

No.	Room / Area	Purpose	Facilities / Features
			• Cabinets for keeping toffees, biscuits etc.
(4)	**Seafarers Lounge**	For sitting of the Seafarers to avail the facility of library, recreation, light refreshment, purchase of handicrafts, spices etc.	• 6 seater sofa • Teapoy • Television • Shelves for keeping souvenirs, library books, periodicals etc.
(5)	**Cubicles (2 Nos.)**	To provide desktop computers with internet facility for the Seafarers to submit their grievances to the DG Shipping etc.	• Sitting chairs • Desktops: 2 Nos. • WiFi connection
(6)	**Staff Lounge**	For seating the Staff posted in the Caravan during its mobility / stationing at berths.	• Sitting chair
(7)	**Drivers Cabin**	—	• Sitting arrangement for Driver • Driver Assistant
(8)	**Air Conditioning System**	AC during travelling and while stationed at berth.	• Drivers Cabin AC • During travelling, AC in Driver's Cabin and Staff Lounge through an electric AC fitted on ceiling; automotive AC need not be provided • Provision for laying AC duct from Main Lounge to Driver's Cabin, so as to get A/C in Driver's Cabin while the Caravan is parked in Port premises for its intended use. • AC in Seafarers Lounge (Main Lounge), Consultation/Counseling Room and Staff Lounge • AC in these areas shall have the option of operating by shore power at berth / Generator set available in the Caravan

DETAILED SCOPE OF WORK/SPECIFICATION:-

CHASSISS DETAILS:-

Parameter	Specification
Make	TATA / Eicher / Ashok Leyland / Bharat Benz
Chassis	OEM-built cabin chassis, min. 18.5 T GVW, Overall Length: Not less than 12.80 meters, Overall width: Not less than 2.40 meters.
Engine	Min. 4-cyl water-cooled diesel; min. 180 HP/BHP; min. 600 Nm torque
Emission	BS-VI Phase 2 with OBD-2 or latest
Drive / Transmission	4x2; manual transmission
Steering / Brakes	Hydraulic power-assisted; OEM-fitted ABS
Fuel	High speed diesel
Cabin	OEM day cabin for 2 persons (seating capacity registered as 2)
Spare wheel	One, same as rear wheel

Fabrication of Body/Structural Details:

Item	Specification
Height inside the Caravan	Floor to Roof: 6' 4"
Item 1 - GI Tubular Steel Structure (Main Frame)	(i) Main structure of Caravan body shall be fabricated using Cold-formed Square Hollow Section (SHS) 40x40 mm and rectangular Hollow Section (RHS) 60x40 mm. Nominal Wall Thickness - not less than 2 mm. (ii) Sub-Structure shall be fabricated using Cold-formed Square Hollow Section (SHS) not less than 30x30 & 20x20, Nominal Thickness not less than 1.5 mm.
Item 2 - ISLC Floor Girders	Indian Standard Light Channel (ISLC) sections shall be used as the primary longitudinal floor girders, forming the main load-bearing skeleton of the caravan floor and transferring floor/live loads to the chassis and axle mounting points. 100 mm "C" channels with thickness not less than 6 mm shall be used. Material: Mild Steel. Fabrication/connections: Welding shall be continuous and shall be MIG welding. Corrosion protection: Apply one coat Epoxy primer after proper surface preparation and one coat Epoxy paint.
Item 3 - Floor runners	May be fitted with suitable steel material with proper spacing as per the requirement of RTO, Government of Kerala.
Item 4 - Exterior Shell Panel (Aluminium Cladding)	Panel Material: Side body with Aluminium sheets, not less than 2 mm thickness at lower half and not less than 2.5 mm thickness at upper half.
Item 5 - Front Wind Shield	Laminated Safety Glass of appropriate thickness and approved quality.

Item	Specification
Item 6 - Left, Right & Side Glass	Type: Tinted Toughened Glass, thickness not less than 5 mm.
Item 7 - Flooring System	Sub-Floor: Chequered-pattern Marine Grade Plywood of thickness not less than 12 mm, IS 710:2010. Floor Finish: 1.5 mm Vinyl mat as approved by Engineer-in-charge. Bath Room Flooring: Material SS 304 chequered, thickness not less than 1.2 mm.
Item 8 - Interior Paneling	Interior Ceiling with Aluminium Composite Panel, thickness of each panel: Not less than 3 mm, Fixing using PU Gum.
Item 9 - Glass Cupboard	Toughened tempered safety glass, Thickness not less than 5 mm.
Item 10 - FRP Coating	Top portion of the Caravan shall be applied with FRP coating before painting.
Item 11 - Painting	Polyurethane paint with clear coat. Painting Scheme for various parts of interior and exterior shall be furnished by the Bidder for the approval of EIC and Body Filler work, Putty work, Primer coat and finish coat etc. shall be done after the EIC's approval.
Item 12 - Windows	Fixing hardware: SS 304 or powder-coated aluminum brackets, hooks, and tie-backs — corrosion-resistant hardware throughout. Curtain/Blind Track: Aluminum curtain track/rail, ceiling- or head-fixed above each window, with smooth-glide runners/hooks. Curtain/Blind: Material, Colour etc. as approved by the EIC.
Item 13 - Pictures	Interior: Suitable interior wall pictures on the rear-side wall of Main Launch and inside Treatment Room and other locations as per the approval of Engineer in-Charge. Exterior: Suitable exterior pictures and stickers showing the names of sponsors, emblem of COPA and Ministry of Shipping, Roads & Water ways as per the approval of EIC.
Item 14- Passenger Door	In-swing pneumatic type with folding Floor at front side. Door for Main Launch: Door with folding floor with retractable step.
Item 15 - Foldable type Sun-shade	A manually foldable type sunshade (shamiyana) shall be provided on the left hand side (dimension 10 Ft x 7 Ft.) of the Caravan with approved quality material.
Item 16 - Electrical Wiring	Electrification for AC & DC connection and Plug Points. Power cable of appropriate capacity having 50 Feet length for facilitating external power supply.
Item 17 - Generator	A petrol engine based Generator Set of adequate capacity (not less than 7 KVA) considering all the electrical loads. Generator mounting shall be in such a way that Generator can be pulled out for inspection, repairs & maintenance etc.
Item 18 - Accessories to be provided	(i) Android approved brand LED TV 42" 1 No. with fittings. (ii) AC Fans 2 Nos. (iii) Music System approved brand 4 Nos. oval type speakers and approved brand Android Set. (iv) Vehicle Battery Charged Inverter - 1 No.

Item 19: Toilet Fixtures & Fittings	All metal fittings to be chrome-plated brass or SS 304 to suit the continuously humid, marine environment; all wall-fixed items to be through-bolted/screwed into solid backing (not the panel skin alone) with silicone sealant at every fixing point to maintain the waterproof envelope. Water supply to the Toilets, Pantry, Wash Basins etc. shall be through a Pressurized Water Supply — Pump/Motor which shall be operated while the Taps in Toilet /Wash basins/Sink etc. is in "open" position and the Pump shall be stopped while the water tap (s) is closed.
Fixture	**Specification**
Water Closet - 1 No.	Vitreous china, wall-hung or floor-mounted (compact/marine-pattern as per space), conforming to IS 2556; dual-flush cistern/flush valve (3/6 liters) for water efficiency; fixed with SS anchor fasteners and sealant at the floor/wall junction to maintain the waterproof floor pan
Mirror — 1 No.	Safety mirror — silvered float glass with a shatter-resistant backing film, or acrylic mirror where weight/impact risk is a concern; SS 304 or aluminum frame; fixed with concealed moisture-resistant clips/adhesive, sized as per layout
Exhaust Fan — 1 No.	Wall/ceiling-mounted bathroom exhaust fan, corrosion-resistant housing and blades (marine-grade coated or plastic), IP44 (or higher) rated for wet-area use; sized for a minimum of 15 air changes/hour for the toilet volume; ducted to an exterior weatherproof louvre with integral backdraft damper; 230 V AC, wired on a dedicated RCD/ELCB-protected circuit with a moisture-rated switch (pull-cord or timer type)
Health Hose (Health Faucet)	Chrome-plated brass or SS 304 health faucet with braided flexible hose and wall hook, complete with its own angle/isolation valve
Water Taps	Wall-mounted or deck-mounted single-lever taps (basin mixer and bib cocks as required), chrome-plated brass or SS 304 body, with water-saving aerator; corrosion-resistant internals suited to the marine/humid environment
Towel Handle (Rail)	SS 304 towel rail, approx. 450–600 mm, wall-mounted with concealed screw fixing into solid backing
Napkin Holder	SS 304 wall-mounted tissue/napkin holder with a hinged cover for moisture protection
Wash Basin — 1 No. (outside the Toilet)	Vitreous china (or SS 304 for a more impact-resistant marine-style basin) conforming to IS 2556; wall-hung or counter-mounted as per layout; complete with basin mixer tap, waste coupling, and bottle trap
Bottom Storage Area	Enclosed storage cabinet below the wash basin/counter, constructed in marine-grade (BWP) plywood with a laminate or SS/aluminum-faced finish, fully sealed against moisture; SS 304 hinges and handles; ventilated where used to store cleaning consumables
Isolation & drainage	Each water point (WC, basin, shower, health faucet) to have its own accessible isolation valve; floor drain/trap as specified under Section 8.3 to serve the wet area, with an odor-seal (P/S trap)

Item 20: Water Tank System (Fresh & Waste) with pressurized supply:-

Onboard fresh-water storage and supply, and a separate waste-water (grey/black) collection tank, together with a pressurized pump set to deliver mains-like water pressure to the wash basin, shower, and health faucet.

(i) Fresh Water Tank: Required 1 No.

Parameter	**Specification**
Material	SS 304, Plate thickness not less than 1.2 mm.
Capacity	Not less than 200 Ltrs.
Construction	Outer body of the Tank shall be covered with built in Fiberglass coating to prevent corrosion. TIG welded baffle plates shall be provided inside the Tank with SS 304 plates of 1.2 mm to ensure stability of Caravan travelling with water in the Fresh Water Tank.
Fittings	There shall be appropriate fittings for water filling and draining in the Fresh water Tank. Proper strainer/ filtering System etc. shall be provided in the water intake pipe (suction). Lockable filler cap with vent pipe, level indicator (sight-gauge or float type), outlet with isolation valve, overflow pipe routed to exterior drain point etc. shall be provided.
Mounting	Cradled on a structural platform within the chassis frame, restrained with SS 304 straps/brackets over anti-vibration pads; positioned low and centered for transit stability; fully accessible for periodic cleaning/inspection.
Cross-contamination prevention	Fresh-water tank and plumbing kept fully segregated from the waste-water system; filler point fitted with an air-gap/backflow preventer.

(ii) Waste Water Tank:- Total Tanks Required : 2 Nos.

Parameter	Specification
Material	SS 304, Plate thickness not less than 1.2 mm.
Capacity	150 Litters (1 No- for storage of waste water from toilet) with proper drain system for periodic pump-out/emptying at a designated disposal point. 75 Litters (1 No. – for the storage of waste water from Pantry Sink/Wash Basin) with proper drain system
Fittings	Wide-diameter inlet(s) to resist clogging, atmospheric vent, level indicator, and a bottom drain/dump valve (camlock or gate-valve type). for periodic pump-out/emptying at a designated disposal point
Mounting	Located in a bunded/contained compartment isolated from the fresh-water tank and living area, with leak containment and an inspection/access hatch
Odor control	Vented to atmosphere with an odor trap; all waste plumbing joints solvent-welded/sealed to be fully leak-tight

(iii) Pressurized Water Supply — Pump/Motor

Parameter	Specification
Pump type	Self-priming centrifugal or diaphragm-type pressure pump (domestic/caravan pattern), with an integral pressure switch and a small accumulator/expansion vessel for smooth, pulsation-free delivery
Performance	Indicative flow rate 8–15 LPM at rated pressure, cut-in/cut-out pressure typically ≈ 1.5–2.8 bar — to be finalized against the fixture count and simultaneous-use demand (basin, health faucet)

Power supply	230 V AC, single phase, 50 Hz (shore/generator supply)
Protection features	Dry-run protection (cut-off on low/no water), thermal overload protection on the motor, BIS-marked/ISI-approved motor
Mounting	Fixed near the fresh-water tank on anti-vibration mounts, with isolation valves on both suction and delivery sides and a non-return (check) valve to prevent backflow into the tank
Filtration	In-line sediment/strainer filter at the pump suction to protect the pump and downstream fittings
Piping	Food-grade CPVC/PPR/PEX piping for the potable (fresh) water distribution network, per IS 15778 (CPVC) or equivalent; separate UV-stabilized PVC piping for the waste-water lines, per IS 4985
Electrical provision	Dedicated MCB/RCD-protected circuit with a waterproof (IP-rated) junction box and switch, located clear of any direct water splash.

OTHER TERMS & CONDITIONS

1. The bidder should own a Plant with accreditation of Automotive Research Association of India (ARAI) for the fabrication of Caravans.

2. The bidder shall be responsible for the preparation of all documents, specifications and drawings required for filing application to the Transport Authorities for obtaining pre-approval of the Transport Authority, Government of Kerala for commencing the Fabrication Work of the Caravan. Any modification suggested by Transport Authorities during pre-approval stage and final approval stage shall be carried out by the Contractor without any extra cost to COPA. All documentation works required for obtaining final approval of Transport Authority for registration of the Caravan is the responsibility of the Contractor. All fabrication drawings shall also be furnished to COPA for scrutiny and approval prior to the commencement of Fabrication of Caravan Body.

3. Stage Inspection. COPA shall conduct stage inspection of the Caravan during its manufacturing at Contractor's Facility. All expenses towards travelling and accommodation of the Inspectors

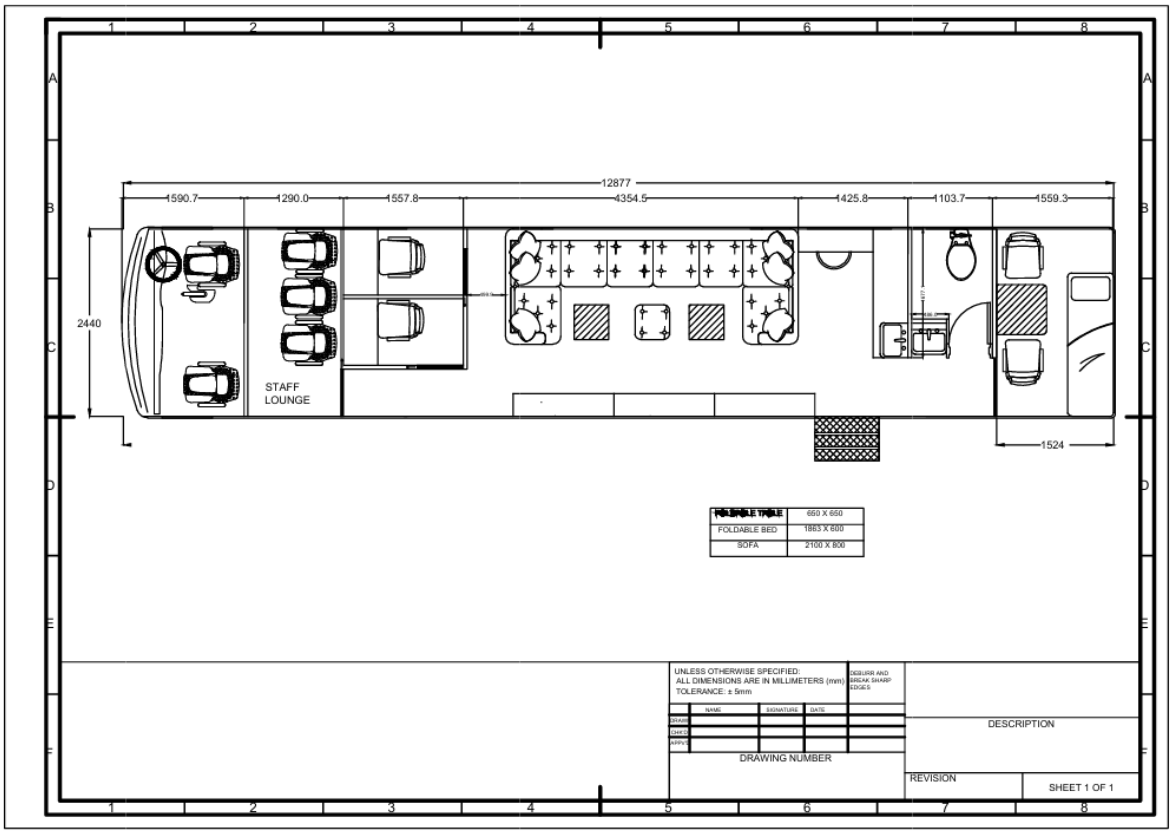
deputed by COPA will be borne by COPA. However, expenditure required if any during inspection /testing shall be borne by the Contractor.

4. Warranty: Over and above the normal Warranty of the OEM of the Chassis, the Contractor shall provide warranty to the Caravan for the works performed by the Contractor for two years from the date of acceptance of Caravan by COPA.

5. The bidder should own an Automobile Work Shop/Body building Facility or should have an agreement with the owners of a reputed Automobile/body building workshop Facility within 100 kilometers from Cochin Port at Willingdon Island for undertaking the future repairs of the Caravan. The above Workshop Facility should be capable of stationing the Caravan to undertake its repairs. The said agreement for the repair facility shall be valid for the entire Warranty period of 2 years.

6.In scenarios where the defect is rectifiable without taking the Caravan to the bidder's Facility, the bidder should arrange to depute experienced and competent Technicians to rectify the defects of Caravan at Cochin Port premises itself. Power supply required for undertaking the repairs at COPA premises will be provided by COPA on Port account. All repairs of the Caravan beyond its Warranty Period will be borne by COPA on Port account.

7.Drawings: The Contractor shall supply Full Drawings/Electrical/Plumbing Diagrams, Trouble Shooting & Repairs/Maintenance manuals/Warranty Cards of the Chassis and all other brought out items along with the delivery of the Caravan.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SHEET 1 OF 1

ANNEXURE-II

PRICE SCHEDULE –BUDGETARY OFFER

Name of Work:		Tender for Fabrication & Supply of one new CARAVAN for the use of Seafarers at Cochin Port Authority		
Name & Address of the firm including email, contact phone number and GST Registration Number:				
Sl. No.	**Description**	**Basic Price**	**GST**	**Total Price**
1	Supply of one new Chassis as per the Specification furnished			
2	Fabrication & Supply of Caravan as per the Technical Specification & Scope of Work.			
	Grand Total			

Signature of the bidder

Note:- (1) The bidder shall quote the price in Indian Rupees only excluding GST.

(2) The offer is invited only for budgetary purpose. Cochin Port is not bound to award the work to any bidders based on the budgetary offer submitted.