



कोचिन पत्तन प्राधिकरण
Cochin Port Authority

(Ministry of Ports, Shipping & Waterways, Govt. of India)

Mechanical Engineering Department

New Administrative Building, Willingdon Island, Cochin-682009

NO: COPA/CME/FFB/2025-26/NTB/COT

Dtd.06.07.2026

To,

The prospective bidders

Sir,

Sub: Budgetary Quotation requested for 4 No double mooring hooks 100T capacity at berthing dolphin and 4 No triple mooring hooks assembly 100T capacity at Mooring Dolphin with integral capstans, hydraulic system with remote operation – Reg.

Budgetary Quotation invited for the Design, Supply, Installation, Testing & Commissioning of 4 No double mooring hooks 100T capacity at berthing dolphin and 4 No triple mooring hooks assembly 100T capacity at Mooring Dolphin with integral capstans, hydraulic system with remote operation as per the specification given below. Intended Bidders are requested to submit their budgetary offers on or before **15.30 hrs on 13.07.2026.**

Sl. No	Item Description	Qty	Rate / unit in Rs.	Amount in Rs.
1	Design, supply, installation, testing & commissioning of Quick Release Mooring Hooks 100T Mooring Hooks consisting of double hook (100T SWL), integral capstan, winch drum, Capstan motor – gearbox assembly, Bollard structure, hydraulic system for remote operation along with control panels complete and 7 Nos of M-72 Bolts, 1000mm length. Work includes drilling holes of minimum 200mm diameter and 1 meter depth in the existing concrete structure, applying bonding agent to all surface of the drilled holes, and providing, washers, nuts and base plate etc. The scope also includes all civil work, transport, labour, cranes, (T&P) and all other incidental works. assembly with Bollard structure with integral capstan,	4 Nos		
2	2 Nos Hooks – Quick Release Mooring Hooks	4 Nos		
3	Design, supply, installation, testing & commissioning of Quick Release Mooring Hooks	4 Nos		

	100T Mooring Hooks consisting of triple hook (100T SWL), integral capstan, winch drum, Capstan motor – gearbox assembly, Bollard structure, hydraulic system for remote operation along with control panels complete and 7 Nos of M-72 Bolts, 1000mm length. Work includes drilling holes of minimum 200mm diameter and 1 meter depth in the existing concrete structure, applying bonding agent to all surface of the drilled holes, and providing, washers, nuts and base plate etc. The scope also includes all civil work, transport, labour, cranes, (T&P) and all other incidental works. assembly with Bollard structure with integral capstan,			
4	3 Nos Hooks – Quick Release Mooring Hooks	4 Nos		
5	Packing including transit insurance and Transport	8 Units		
	GST _____ if any			
	Total Incl GST			

Note:

1. Catalogue of the offered Items may also be sent along with your offer.
2. Bidders may visit site before the submission of budgetary offer.
3. Transportation from your works until North Tanker Berth (NTB) in Kochi shall be in the scope of supplier.

Terms & Conditions:

1. Technical Specifications:

A. Hooks:

- 1.1 Vertical Movement of each quick release mooring hook
-5 degrees to +45 degrees
- 1.2 Horizontal movement
Double Hook –90, 0, +45; -45, 0, +90 degree
Triple Hook –90, 0, +45; -45, 0, +45; -45, 0, +90 degree
- 1.3 The quick release mooring hooks shall be self-supporting, and does not touch the deck (to prevent sparking) nor require sliding plates.
- 1.4 The hooks are free swiveling and non-ferrous bushes and grease nipples for lubrication shall be provided wherever necessary to prevent jamming and sticking.
- 1.5 Design shall be of dismantle type such that the horizontal pin is removable, and the hooks can be of dis-mountable.
- 1.6 The hooks will be able to accommodate 2 ropes of 100mm. diameter each.
- 1.7 The hooks to be self balanced and should be reset into the closed position by a single person with minimum effort, in a single movement. One person can swing each hook to position.
- 1.8 To be manufactured from heavy steel plates/castings.

- 1.9 Rubber blocks shall be provided at the stopper to absorb the impact-shock of the hook during release.
- 1.10 The hooks to be tested to 1.5 times the safe working load and manufacturers test certificate to be submitted for compliance.
- 1.11 Each assembly should be provided with a detachable lever for manual release. Under full load conditions the manual effort to release the hook should be easy.
- 1.12 The entire capstan assembly should be electrically insulated from the hook assembly.
- 1.13 Identification plates are provided on the hook assembly with name of manufacturer, date of manufacture, serial number, capacity and purchase order number.

2. Commercial Terms and Conditions:

- 2.1 Delivery: The hooks shall be suitable packed and dispatched by road transport, with full paid freight charges including packing, forwarding, transit insurance, loading at works and unloading at NTB location.
- 2.2 The QRMHs shall be manufactured within 16 weeks from PO date. Freight & Insurance charges to our account.
- 2.3 20% payment will be made as advance against performa invoice
40% payment will be released against completion of TPI at your works after FAT.
20% payment will be released against arrival and stocking of QRMHs at our site.
10% payment will be released upon completion of installation and inspection and acceptance by TPI post SAT.
10% Balance payment will be released after completion of 1 year of installation.
- 2.4 Warranty: equipment should be guaranteed for a period of 24 months from dispatch or 18 months from commissioning, whichever is earlier. All guaranteed repairs will be done free of cost.
- 2.5 Validity: Our offer is valid for a period of 120 days from date of opening of Quotation.
- 2.6 Taxes: IGST will be charged extra at 18%. 5.6. Commissioning: Our team will come for the commissioning and provided supervision during installation.



SE(M)

(Superintending Engineer(M))

From,

The office of Chief Mechanical Engineer

Cochin Port Authority

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