



## COCHIN PORT AUTHORITY

No MD/MES/TECH/153/2025

Office of the  
Deputy Conservator  
Cochin Port Authority

Dated 27-11-2025

### Request For Quotation(RFQ)

Sub: Two-yearly Inspection, Servicing and Certification of Fixed CO2 Fire Fighting System onboard GHD Nehru Shatabdi

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Cochin Port Authority invites competitive quotations in sealed cover from reputed **DG Shipping approved agencies** to carry out the two-yearly inspection, servicing and certification of the CO<sub>2</sub> system onboard of CoPA Dredger **GHD Nehru Shatabdi**. The system consisting of 28 nos. of 45 kg Carbon Dioxide (CO<sub>2</sub>) cylinders and 4 nos. of Nitrogen (N<sub>2</sub>) pilot cylinders.

The scope of Work and Terms & conditions is enumerated below. The bidder shall quote their rates in the **below price schedule format itself (Annexure-1)**. **Lump sum rate** (including the cost of labour and spares/materials& Transportation charges) shall be quoted **excluding GST**.

Sealed quotation shall be sent by post or submit directly in sealed cover to the under signed, so as to reach on or before **11.00 Hrs on 05-12-2025**. The quotations will be opened at **11.30 Hrs** on the same day.

Sd/-  
S E (M) TT  
Cochin Port Authority  
W/Island, Kochi- 682009



### **PRICE SCHEDULE**

**Name and address of tenderer :** .....

**Mobile Number & email id of tenderer :** .....

<b>Description of Work</b>	<b>Lump sum Amount in Rupees excluding GST in figures</b>
Two-yearly Inspection, Servicing and Certification of Fixed CO <sub>2</sub> Fire Fighting System (including the cost of labour, spares/materials & to and fro transportation if required)	
Lump sum amount in Rupees excluding GST in words.....	

#### **Scope of work for the Two-Yearly Servicing of CO<sub>2</sub> System:**

1. The system consisting of 28 nos. of 45 kg Carbon Dioxide (CO<sub>2</sub>) cylinders and 4 nos. of Nitrogen (N<sub>2</sub>) pilot cylinders.
2. Carry out visual inspection of CO<sub>2</sub> cylinders manifold, valves, and distribution piping.
3. Verify manual release from local and remote stations (simulation only, without discharge).
4. Inspection of release controls and pilot actuation lines, pressure gauges and non-return valves.
5. Testing of Alarm systems (audible and visual).
6. Weighing of sample cylinders (normally 10% or as per manufacturer/class requirement). Refilling of CO<sub>2</sub> cylinders/pilot cylinders as required.
7. Inspect and test CO<sub>2</sub> system control panel operation.
8. Verify alarms and indicators (power supply, release, low pressure).
9. Test manual/automatic release interlocks (simulation mode).
10. Inspect and test locking devices, release guards, and safety pins.
11. Verify ventilation shutdown interlocks and machinery stop interlocks.
12. Any other work required for the statutory certification

As per statutory requirements, this system has required mandatory servicing and certification every 10 years, 5 years, and 2 years, which includes hydraulic pressure testing of Cylinders/weighing of cylinders, resetting of safety valves, renewal of rubber hoses, pressure testing of pipelines, etc. **The previous 10-yearly inspection and servicing were completed in 2023.** The system is now due for its two-yearly routine inspection and survey.

### **Terms & conditions**

1. The quotation No. & date may be super scribed on the envelope.
2. The quotation shall be sent by post or directly to "Superintending Engineer(M), Office of the Deputy Conservator, Cochin Port Authority, Cochin -682 009" in sealed cover as per the above price schedule, so as to reach on or before **11.00 Hrs on 05-12-2025**
3. The vender shall quote lowest lump sum amount **excluding GST**.
4. The bidders can contact Sri. Thomas Mathew, (MES,CoPA) Mobile No. 9447290256 for any query about the scope of work.
5. Vender shall attach Copy of **DG Shipping approval** along with the quotation.
6. Re-filling of cylinders may be carried out, only if found required during inspection.
7. To and fro transportation of cylinders, if required are in the scope of contractor
8. Entry pass for the contractor's persons shall be arranged by CoPA on prior request, if the contract is awarded.
9. 100% payment will be made on satisfactory completion of entire work and issuance of DG approved certificate. A satisfactory work completion certificate from the Chief Engineer of the vessel shall be submitted along with invoice for releasing payment. GST will be paid additional as per the prevailing rate on submission of GST invoice.
10. IT and GST TDS if applicable will be deducted as per the prevailing rates in force at the time of payment.
11. All the safety protection/precautions as per dock safety regulations to be complied in CoPT premises.
12. Cochin Port Authority reserves the right to reject/cancel/postpone any one or all Bids at any stage of the Bid, which will be binding on all Bidders.
13. Legal jurisdiction of this contract shall be Kochi City only.

**Signature of Tenderer**