



Deputy Conservator's Office  
Cochin Port Authority,  
W/Island , Cochin – 682009, KERALA  
Tele: 0484-2582521/2377  
Website: [www.cochinport.gov.in](http://www.cochinport.gov.in)

No. MD/PMW/Pipe & Steel Renewal/2023

Date: 13-12-2022

**NOTICE INVITING BUDGETARY OFFER**

Sub: - "Rate contract for Renewal and repairs of plates, pipes and accessories of Floating Crafts and Installations of CoPA for Three Years" : - reg

Cochin Port propose to invite competitive bids from reputed firms for entering into a Rate Contract for the "Renewal and repairs of plates, pipes and accessories of Floating Crafts and Installations of CoPA for Three Years".

In order to prepare the cost estimates for inviting open tenders for the above rate contract, Cochin Port now invites budgetary offers from reputed firms, as per the Schedule of Work enclosed as **Annexure-I**.

**The budgetary offer may be prepared as per the terms and conditions enumerated below:-**

1. Proposed Period of contract: 3 years.
2. The rate shall be quoted for each line item in Indian Rupees only excluding GST.
3. The works has to be carried out by the contractor at CoPA premises.
4. If the contract is awarded, the contractor shall provide sufficient work men and supervisor at CoPA throughout the working hours(08.00hrsto 0400 hrs) on all Port working days as required /instructed by the EIC with half an hour interval (between 12 noon to 12.30 PM). In case of emergency or depending on the quantum of work, without considering the normal working time/holydays, the contractor is liable to attend work with sufficient work men as and when required by the EIC. No additional charges will be paid for the same.
5. All materials like steel plates/pipes/packing materials/Nut &bolts, rubber fenders, plywood, screws, beadings, adhesives, FRP sheets, scaffolding materials etc and other metallic items and connected materials required for work will be supplied by CoPA.
6. Drilling machine, grinders, drill bits, taps, welding set, welding rod, Welding gas and welding accessories, grinding/cutting wheels, wire brush, paint, primer, paint brush etc and other consumables will be supplied by CoPA.
7. Hand tools required for the work like hammer, spanners, chisel, scrappers, screwdrivers, hand gloves, goggles etc and other safety gears shall be arranged by the contractor.
8. **The Quoted rates shall be for Three years period without any changes in rate and conditions.**
9. **At the time of tendering, price evaluation will on the basis of The Grand total amount, ie the rate quoted by the bidder for each line item multiplied by the anticipated quantity. Not on the basis of each line item.**
10. Crane, Fork lift, vehicles, Boats etc for transporting materials/tools/ work men/ equipments etc to various work locations of CoPA premises so as to carry out the works shall be arranged by CoPA on Port account.
11. Electric power for carry out the works at CoPA premises will be provided by CoPA on Port account.

12. While awarding the contract, contractor shall carryout the works at various locations viz. Marine vessels/Tanker Terminals/MULT/all CoPA berths/Monitor & Light Towers/Various Installations etc. Verbal work orders will be given by the AE(M)PMW for each work.
13. After completion of each repair work, the contractor has to prepare a work completion certificate as per the actual quantum of work done against each line item in the schedule of rate and submit the same duly certified by the concerned Engineer in charge/Officer in charge of each vessel/equipment/section along with the original invoice prepared in line with the work completion certificate to the Asst. Engineer (PMW), CoPA.
14. The repairs charges will be paid for the actual quantum of work done as per the rate quoted by the contractor and accepted by CoPA for each line item.
15. If the contract is awarded, 100% payment will be made for the actual quantum of work done as per the quoted rate for each completed work and after submission of invoice certified by the Engineer in Charge of CoPA. Income Tax and GST TDS as applicable will be deducted from each bill as per prevailing rates.
16. The bidders are requested to submit the Budgetary offers as per the Schedule of Work attached as **Annexure-I** and **signed copy shall be sent by** email to the address shown below, so as to reach us on or before **21-12-2022 at 5 PM**. (Email: [sajeev.va@cochinport.gov.in](mailto:sajeev.va@cochinport.gov.in), [noby@cochinport.gov.in](mailto:noby@cochinport.gov.in))
17. Before preparation of budgetary offers, the bidders are advised to contact Sri. Noby Augustine, AE(M) ( Mob;9447509548) so as to understand the scope of work clearly. The visit for inspection if required shall be made on any working day, after the prior information.
18. 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 will not be liable for any financial obligation to the bidders in connection with the preparation of budgetary offer.

Encl: ANNEXURE -1

Sd/-

**S E (M) T T**  
**COCHIN PORT AUTHORITY**

**ANNEXURE-I****Price schedule ( for Three years Contract) BUDGETARY OFFER**

Name &amp; Address of the Firm: .....

Sl No	Description	Unit	Rate in Rs. per unit	Anticipated qty. for 3 year
1	<b>Pipe renewal:-</b> Dismantling existing damaged pipe lines from Cochin Port vessel and equipments of various Cochin Port sites like MULT, tanker Berths and other CoPA berths/installations etc and renewal including one pair of flanges, as required and refit of newly fabricated pipes including preparation of new packing. Pipes used: <i>SteelSch.40/Sch80/GI/SS/MS/CI,copper,brass,Aluminium etc.</i> <b>(If length of renewal of a single piece of pipe per work is less than 1M length, rate for 1.0 M minimum of pipe will be paid).</b>	As bellow	Rate per unit	Anticipated qty. for 3 year
1.1	Up to 25 mm	M		200
1.2	32 mm	M		158
1.3	40 mm	M		110
1.4	50 mm	M		262
1.5	65 mm	M		225
1.6	80 mm	M		85
1.7	100 mm	M		100
1.8	125 mm	M		20
1.9	150 mm	M		30
1.10	200 mm	M		20
1.11	250 mm	M		15
1.12	300 mm	M		15
1.13	350 mm	M		12
1.14	400 mm	M		12
2	Renewal of additional Flanges for pipes(in item No.1 above)	As bellow	Rate per unit as below	
2.1	Fitting existing flange in to the renewed pipe up to 200 mm	No.	0.75 times per M rate of pipe renewal	
2.2	Fitting existing flange in to the renewed pipe above 200 mm and up to 400 mm	No.	1.0 times per M rate of pipe renewal	
2.3	Preparation of Flange for pipe up to 200 mm (Complete work including cutting and drilling). (per one number flange)	No	1.5times per M rate of pipe renewal	
2.4	Preparation of Flange for pipe above to 200 mm and up to 400 mm (Complete work including cutting and drilling)(per one number flange)	No	2.0 times per M rate of pipe renewal	
2.5	Cropping & Renewal of additional flanges up to 200 mm(rate per flanges)	No.	0.8 times per M rate of pipe renewal	
2.6	Cropping & Renewal of additional flanges for pipes above 200 mm up to 400 mm pipe (rate per flanges)	No.	1.0 times per M rate of pipe renewal	
2.7	Removal &Refitting of valves with packing(including preparation of packing)	No.	1.0 times per M rate of pipe renewal	
2.8	Removal and refitting of additional pipe lines to facilitate renewal of pipe lines /fitting of valves.	No	1.0 times per M rate of pipe renewal	
3	Fitting of Bends	No.	Rate per unit as below	
3.1	Mitre bend–fabrication/renewal (per bend)	No.	1.5 times per M rate of pipe renewal	

3.2	Forged bend renewal(per bend)	No.	0.75 times per M rate of pipe renewal	
3.3	Cold bending renewal(per bend)	No.	1.0 times per M rate of pipe renewal	
4	Painting of pipe lines: including surface preparation by scrapping/wire brushing of renewed lines and other pipe lines (1 cot primer and 2 cot paint)	M	0.5 times per M rate of pipe renewal	
5	Painting of renewed plates/ Rods /other structures: including surface preparation by scrapping/wire brushing (1 cot primer and 2 cots paint)	KG	0.5 times per KG rate of steel renewal	
6	Brazing of pipes (per joint)	No.	0.75 times per M rate of pipe renewal	
7	Additional welding for Pipe/plate/steel sections Jointing (per joint)	No.	0.3 times per M/Kg rate of pipe/steel renewal	
8	Branch fabrication including cutting & welding (per branch)(complete work)	No.	1.0 times per M rate of pipe renewal	
9	Choke clearing of old pipes (in side)	M	0.3 times per M rate of pipe renewal	
10	Deck penetration with single pad including cutting & welding (complete work)	No.	1.0 times per M rate of pipe renewal	
11	Deck penetration with pad and flange including cutting & welding (complete work)	No.	1.5 times per M rate of pipe renewal	
12	Cropping and renewal of steel plates (including preparation, Gas cutting, welding and fabrication ( Complete work)	As bellow	Rate per unit	
12.1	Renewal of Plates/sheets up to 12 mm: complete work ( <b>minimum rate for 2.5 kg</b> will be paid for each single work, not for each spot)	Kg		14376
12.2	Renewal of Plates above 12 mm : Complete work ( <b>minimum rate for 5 kg</b> will be paid for each single work, not for each spot))	Kg		5532
13	Cropping and renewal of steel angle, channel, C-section Flat, Rod & I section etc and all other steel structures including welding and cutting etc ( <b>minimum rate for 2Kg</b> will be paid for each single work, not for each spot)	Kg		9954
14	Drilling of holes (rate per hole)	As bellow	Rate per unit as below	
14.1	Drilling of holes up to 12 mm dia	No.	0.2times per Kg rate of plate renewal	
14.2	Drilling of holes above 12 mm dia	No.	0.4 times per Kg rate of plate renewal	
15	Tapping of holes including drilling(rate per hole)	As bellow	Rate per unit as below	
15.1	Tapping of holes up to 12 mm dia	No.	0.4times per Kg rate of plate renewal	
15.2	Tapping of holes above 12 mm dia	No.	0.8 times per Kg rate of plate renewal	
16	Blower trunking repair/renewal up to 5 mm thick metal sheets: Complete work ( <b>minimum rate of 2 kg will be paid per spot</b> )	Kg		500
17	Renewal of water tight packing of port holes, tanks, manual doors, and hatch covers etc including preparation of packing. Opening and removal of old packing, cleaning/scrapping & applying one cot primer and preparation of packing and refitting as required. (Complete work)	M		300
18	Renewal of water tight rubber beadings using adhesives for doors, port hole, hatch covers, etc including removal of old beadings , cleaning/scrapping & applying one cot primer and preparation of beadings. (Complete work)	M		300
19	Rubber Fender renewal of Steel/ Fibre vessels and buoys :Removal of old rubber fenders, ply woods, metal cleats etc, and drilling holes wherever necessary, works of ply wood/steel cleats /flats screws, nuts and bolts and other fasteners and back plates etc ( Complete Works )	M		100

20	Steel Fender renewal of Steel vessels and buoys: Removal of old steel fenders by gas cutting/cleats/flats/back plates & bolts/nuts etc) painting one coat primer after scrapping of back plate area, drilling holes wherever necessary, works of steel cleats /flats etc.(Complete Works)	M		50
21	Building up by welding on the pitted spots and levelling welded areas by grinding.	Number of welding rod used		300
22	Awning repair /renewal work using steel pipes, angles, tubes and metal/FRP sheets (complete work including painting)	Sq M		200
23	Providing Scaffolding for work at various sites	M		200

**Note:-**

1. Rate shall be quoted for item Sl. No. **1.1 to 1.14, 12.1, 12.2, 13&16 to 23 (total 25 highlighted line items)**. Rate for repair/renewal of accessories and other works are considered in terms of 'per Meter, per number or per kg rate basis.
2. **All the above 25 line items in the Price schedule format shall be quoted by the bidder for preparing Estimate.**
3. If length of renewal of a single piece of pipe per work is less than 1M length, rate for 1.0 M (minimum) of pipe will be paid.
4. For the renewal of sewage/waste pipe lines, additional 15% for each size pipes, as per M rate of pipe renewal will be paid.
5. Dismantling and refitting of additional pipes to facilitate renewal of pipe/ fitting of valves, additional amount 1.0 times of the rate quoted as in line items in item No.1 for each size pipe renewal will be paid.
6. For renewal of pipes/ plates including accessories at below bilge plates in engine room, pump and inside tanks and void spaces in vessels, **additional 10%** of each rate will be paid.
7. For all works in Tower/structures etc above 10 feet height from the ground level, **additional 20%** of each rate will be paid.
8. Quantity mentioned in each line items are only indicative and the actual may vary as per requirements.

**Signature of Tenderer**