



NEW MANGALORE PORT AUTHORITY
Mechanical Engineering Department
Panambur, Mangalore – 575 010.
Phone: 0824- 2887706/ 2887713

No. 20/114/2024-25/EE(M)III/OTM/B-12

Date: 12/03/2025

To,

The Prospective Bidders,

Sir,

Sub: Mech. OTM Sub.Div. -“Replacement of Existing Fire Fighting Pipelines of Berth No. 12 -Budgetary Quotation Requested - Reg.

Budgetary Quotations are invited for the work of “Replacement of Existing Fire Fighting Pipelines of Berth No. 12 including Supply, Installation and Painting ” as per BOQ and Terms and conditions as detailed bellow:

Sl. No	Description of item	Unit	Qty.	Rate in Rs	Amount in Rs.
1.	Dismantling of existing corroded Fire Fighting Pipeline of Berth No.12. Shifting and stacking of dismantled items nearby control tower and Pump house No.2 of Berth No.12	-	-	-	-
	i) 500 NB	Mtrs.	100		
	ii) 350 NB	Mtrs.	241		
	iii) 250 NB	Mtrs.	41		
	iv) 200 NB	Mtrs.	148		

2.	<p>Supply, Fabrication, Erection, and Testing of cement lined (inside) ERW steel pipe conforming to BIS:3589 of Grade Fe 410 of thickness not less than 9.5mm for 300NB and above and not less than 8mm for below 300NB for carrying sea water including supply of Pipes, specials, Bends, Tees, SS Flanges, Dummy flanges, Gaskets, stainless steels Bolts & Nuts, Washers, Reducers, Expanders mobile steel/RCC supports saddles inserts fixtures including painting 3 coats of approved colour (one coat of zinc –rich primer & two coats of epoxy paint with fire red colour) externally.</p> <p>Note: 1) Pipeline shall be provided with Flange Joints for every six meters length. 2) Doubler plate SS rod and clamp with bolt nut and washer complete shall be provided to the Mobile steel/RCC support structure. (Height of mobile steel/RCC support structure 2 feet) 3) Media of flow See water.</p>				
	i) 500 NB	Mtrs.	100		
	ii) 350 NB	Mtrs.	241		
	iii) 250 NB	Mtrs.	06		
	iv) 200 NB	Mtrs.	148		
3.	<p>Supply, Fabrication, Erection and testing of stainless steel pipes 250NB Sch.40 AISI -316 quality for carrying foam compound liquid/sea water including supply of Pipes, specials, Bends, Tees, Flanges, Dummy flanges, Gaskets, Stainless steels bolts & Nuts, Washers, Bends Reducers expanders mobile steel/RCC supports saddles inserts fixtures including painting 3 coats of approved colour (one coat of zinc –rich primer & two coats of epoxy paint with fire red colour) externally.</p> <p>Note:1) Old jumbo nozzles to be connected to new 250NB pipeline similar to existing pipeline. 2) Media of flow See water.</p>	Mtrs.	35		
4.	<p>Supply, Installation and testing of cast steel Butterfly valve conforming to BS:5155 includes stainless steel Flange, Bolts & Nuts, Washers, Gaskets, all accessories complete in all respect. As per the technical specification attached: (ANNEXURE-1)</p> <p>Note : Media of flow See water.</p>				

	i) 500NB	Nos.	01		
	ii) 350NB	Nos.	02		
	iii) 250NB	Nos.	01		
	iv) 200NB	Nos.	02		
	v) 150NB	Nos.	01		
	vi) 100NB	Nos.	02		
	vii) 65NB	Nos.	03		
5.	Supply, Installation and testing of Motorized cast steel Butterfly valve conforming to BS 5155 including stainless steel flange, bolts & nuts washers, gaskets, all accessories complete in all respect. As per the technical specification attached: (ANNEXURE-2) Note : Media of flow See water.	-	-		
	i) 200NB	Nos.	02		
	ii) 150NB	Nos.	01		
	iii) 100NB	Nos.	02		
	iv) 250NB	Nos.	01		
	v) 65NB	Nos.	03		

Terms and conditions:

1. Old removed hydrant pipeline, fixed monitor and international shore connection pipeline to be connected to newly laid pipeline as per existing.
2. The rate quoted shall be inclusive of all taxes & duties excluding GST and the same is firm & final. The rate quoted shall be inclusive of all expenses such as labour cost, material cost, consumables required for the work, fasteners, transportation, tools & tackles, other incidental charges etc. complete required for successful completion of the subject work excluding GST. GST item shall be shown separately in the Bill of Quantity. GST as applicable shall be paid extra.
3. The rate quoted should be valid for at least 60 days from the due date of submission of offer.

4. The Tenderer may visit the work site and get acquainted himself with the site conditions, nature of work involved before quoting, taking prior appointment with the undersigned. Any assistance in this regard will be provided by the Department.
5. **Completion of Work:**
 - (i) The time allowed for mobilization of materials, fabrication and delivery of components to NMPA site is **60 days** with cement coating of pipes from the date of issue of work order.
 - (ii) Erection work at site shall be commenced within 60 days from the last date of receipt of material at NMPA. The time allowed for completion of erection work at site is 60 working days, after mobilization period of **60 days** for procurement of materials, pre fabrication and delivery at NMPA site.
 - (iii) During of the Berthing of Oil Tankers at Oil Jetty (Berth No. 12), works will not be permitted at the jetty. Number of days for the completion of the work will be reckoned based on the days of non-occupancy of tankers in Berth No.12 and hindrance days. Working day means 8 hours non-occupancy of tankers in day time from 8.00 AM to 5.00 PM.
 - (iv) The successful contractor will be given one day advance notice regarding availability of Berth during day time, to carry out the work. Such days will only be considered as working days.
6. The Employer or his representative shall have right to inspect the fabrication work being carried out under this contract and to test the fabricated items to confirm conformity with the specifications.
7. On supply of materials at NMPA site, the contractor may stack the materials in front of Control Tower of Berth No.12, till completion of the installation work. The responsibility of watch & ward of the delivered material is entirely lies with the contractor and Port is not responsible for the same.
8. The contractor is required to be equipped with manpower and materials, equipment, tools & tackles, consumables etc. required for carrying out the work at all time and commence the work within 24 Hrs. after the information is passed on to him regarding the free availability of Jetty.
9. **LIQUIDATED DAMAGES:** In case of delay in completion of the work, Liquidated Damages (L.D) may be levied at the rate of 0.5% of the contract price plus applicable GST per week (considering working days only) delay, or part thereof subject to a maximum of 10 percent of the contract price.
10. The contractor shall obtain hot work permission from the competent authority of NMPA for carrying out the hot works. The copy of the same shall be given to AEE(M), OTM Sub Division before commencing the works.
11. Power supply will be given to the Contractor on free of cost for the said works. Tapping of power from the source point of NMPA to the required location will have to be arranged by the Contractor at his cost conforming to IE Rules / Standards.

12. The contractor shall be responsible for taking precautionary measures for the safety of the work men working under him and the responsibility arising due to any mishap during the execution of work, the payment of compensation, if any, lies entirely on the part of the Contractor. The Contractor has to employ skilled and competent workers for carrying out the work. The workmen shall have insurance cover during the course of execution of work.
13. Any damages to the departmental properties during the execution of works will be on contractors account.
14. The wharf entry passes (Red Pass) shall be provided to the contractor and their workmen & vehicles by the Department free of cost as per the Rules. The required documents for the same shall be provided by the Contractor well in advance.
15. The AEE(M), OTM Sub Division is the Engineer in-charge of the work and work will be carried out to the entire satisfaction of the Engineer in-charge.
16. The work carried out shall be guaranteed for a period of One Year from the date of satisfactory completion of the work.
17. **Payment Terms:**
 - i) **For Sl. No.1**, 100% payment with applicable GST will be made within 15 days from the date of receipt of Invoice duly completing the work as per the scope of work.
 - ii) **For Sl.No.2, 3, 4 & 5**
 - a. 50% payment of quoted amount with applicable GST, will be made within 15 days of receipt of material at site along with manufacturers certificate of structural's items and receipt of Invoice.
 - b. Balance 40% of payment of quoted amount with applicable GST will be released after successful completion of the work and receipt of Invoice.
 - c. Balance 10% payment of quoted amount with applicable GST shall be retained towards security deposit and will be released without interest after completion of Guarantee period of one year.
18. Statutory taxes as applicable will be deducted while releasing payment.
19. The acceptance of the Quotations rests with the competent authority of NMPA who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all the tenders received without assigning any reason.
20. The contractor shall submit the bill to the Executive Engineer (M)III after completion of work.

21. The Budgetary offer enclosed in a sealed cover super scribed as "Replacement of Existing Fire Fighting Pipelines of Berth No. 12 " should reach to the under signed on or **before 28.03.2025 at 15:00 Hrs.** to the below mentioned address. Quotation will be opened on the same day at 16.00 Hrs. in the presence of the bidders who wish to be present.

H. Sushma
11/03/2025
(H.SUSHMA)

Address for Communication:

Executive Engineer (M)III, OTM
Administrative Building,
2nd Floor, Room No.234,
New Mangalore Port Authority,
Panambur, Mangalore – 575010.
Mob: 9900274306, Ph: 0824-2887706
Email: sushma.h@nmpt.gov.in

कार्यपालक अभियंता, (एम) III
Executive Engineer, (M) III
नव मंगलूर पत्तन प्राधिकरण
New Mangalore Port Authority
पणंबूर, मंगलूर - ५७५०१०
Panambur, Mangalore - 575 010

H. Sushma
11/03/2025

TECHNICAL DATA SHEET FOR MOTORIZED CAST STEEL BUTTERFLY VALVE- - ANNEXURE-1

A	Valve type & size	Motorized butterfly valve size 250NB,200NB, 150NB, 100NB & 65NB
B	Type & end connection	Wafer type suitable for class 150# flanges as per ASME B 16.5 RF
C	Manufacturing/design std.	BS: 5155
D	Pressure rating	PN 16
E	Test std.	API 598
F	Hydraulic test pressure	1) Body 24kg/cm ² 2) Seat 17.6 kg/cm ²
G	Seat leakage	Tight shut off (class VI)
H	Flow direction	Bidirectional
I	Media of flow	Sea water
J	Material of construction	
Sr. No.	Description of construction	Materials
01	Body	ASTM A216 Gr. WCB + EPOXY (Internally coated with epoxy powder and externally with epoxy paint of fire red colour)
02	Disc	ASTM A351 Gr. CF8M
03	Shaft	SS 316
04	Bonded seat	Nitrile
05	Top bushing	Polyacetal
06	Bearing	SS 316 + PTFE
07	O ring shaft	Nitrile
08	O ring plug	Nitrile
09	Taper pin	SS 316
10	Plug	C 15
11	Bolt & nut	SS 316
12	Gear box	As suitable
13	Operation	i) Motorized ii) Provision shall also be provided for manual gear operation through hand wheel.
14	Elect. actuator	"145V, 3 PHASE, 50 Hz, Explosion Proof Watertight to Ip 68 and Flameproof to IS 2148 for Gas Group II A and II B, Temperature Class T3 as per IEC, Motor Insulation Class-F. The complete actuator with electrical accessories shall be suitable for EExd Gas Group IIA and II B Temperature Class T3 as per IEC".
K	Third Party Inspection by any one of the TPI agency listed here	IR Class System and Solutions Pvt. Ltd., ABS Industrial verification (Pvt.), DNV, Bureau Veritas (I) Pvt. Ltd. AND Loyds Inspection Agency Pvt. Ltd.

[Signature]
12/08/2025
EE (M) III (OTM)

कार्यपालक अभियंता, (एम) III
Executive Engineer, (M) III
नव मंगलूर पोर्ट प्राधिकरण
New Mangalore Port Authority
पणंबूर, मंगलूर - ५७५०१०
Panambur, Mangalore - 575 010

TECHNICAL DATA SHEET FOR CAST STEEL BUTTERFLY VALVES – ANNEXURE 2

A	Valve type & size	Butterfly valve size 500NB,350NB,250NB,200NB,150NB, 100NB & 65NB.,
B	Type & end connection	Wafer type suitable for class 150# flanges as per ASME B 16.5 RF
C	Manufacturing/design std.	BS: 5155
D	Pressure rating	PN 16
E	Test std.	API 598
F	Hydraulic test pressure	3) Body 24kg/cm ² 4) Seat 17.6 kg/cm ²
G	Seat leakage	Tight shut off (class VI)
H	Flow direction	Bidirectional
I	Media of flow	Sea water
J	Material of construction	
Sr. No.	Description of construction	Materials
01	Body	ASTM A216 Gr. WCB + EPOXY (Internally coated with epoxy powder and externally with epoxy paint of fire red colour)
02	Disc	ASTM A351 Gr. CF8M
03	Shaft	SS 316
04	Bonded seat	Nitrile
05	Top bushing	Polyacetal
06	Bearing	SS 316 + PTFE
07	O ring shaft	Nitrile
08	O ring plug	Nitrile
09	Taper pin	SS 316
10	Plug	C 15
11	Bolt & nut	SS 316
12	Gear box	As suitable
13	Operation	iii) Motorized iv) Provision shall also be provided for manual gear operation through hand wheel.
14	Elect. actuator	“145V, 3 PHASE, 50 Hz, Explosion Proof Watertight to Ip 68 and Flameproof to IS 2148 for Gas Group II A and II B, Temperature Class T3 as per IEC, Motor Insulation Class-F. The complete actuator with electrical accessories shall be suitable for EExd Gas Group IIA and II B Temperature Class T3 as per IEC”.
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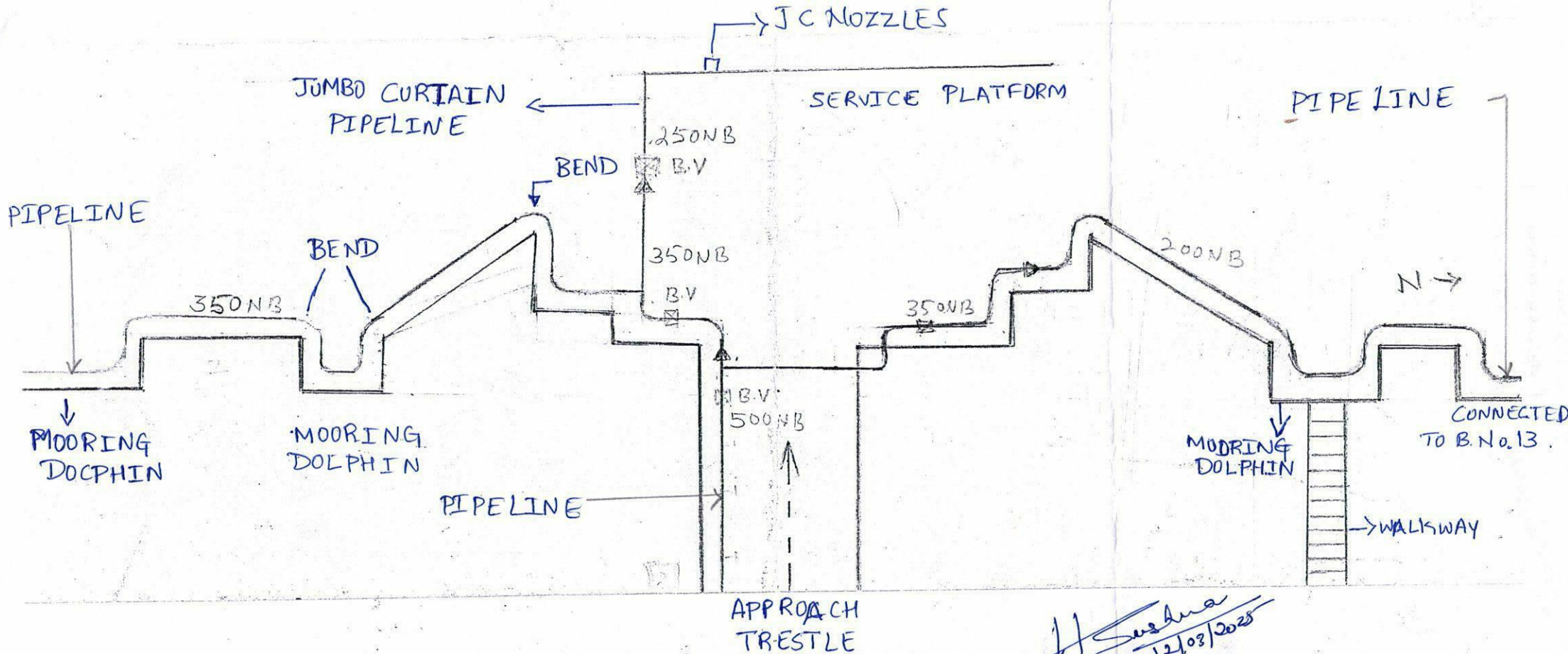
EE (M)III OTM

कार्यपालक अभियंता, (एम) III
Executive Engineer, (M) III
नव मंगलूर पत्तन प्राधिकरण
New Mangalore Port Authority
पणबूर, मंगलूर - ५७५०१०
Panambur, Mangalore - 575 010

Handwritten signature and date: 12/03/2025

REPLACEMENT OF PIPE LINE FOR BERTH No 12.

NOT TO SCALE



Sushma
12/03/2025
EE (M) III OTM

कार्यपालक अभियंता (एम) III
Executive Engineer (M) III
नवा मंगलूर पोर्ट अथॉरिटी
New Mangalore Port Authority
पाणंबूर, मंगलूर - 575 018
Panambur, Mangalore - 575 018

12/03/25