



NEW MANGALORE PORT AUTHORITY

Mechanical Engineering Department

Panambur, Mangalore - 575 010.

Phone: 0824- 2887730

No. 20/114/2025-26/EE(M)I-(OTM)

Date: 03.07.2025

To,

The Intended Bidders,

Sir,

Sub : Supply of Cast Carbon Steel Non Return Valves and Butterfly valve-
Budgetary Quotation Requested - Reg.

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Budgetary Quotations are invited for "Supply of Cast Carbon Steel Non Return Valves and Butterfly valve" as per BOQ and Terms & conditions detailed below.

Sl. No.	Description of item	Qty. in Nos.	Rate in Rs.	Amount in Rs.
1	Cast Carbon Steel 350NB Swing type Non Return Valve as per the Technical Data Sheet enclosed. (Annexure -A)	8		
	Cast Carbon Steel 150NB Swing type Non Return Valve as per the Technical Data Sheet enclosed. (Annexure -B)	5		
	Cast Carbon Steel 350 NB Butterfly Valve as per the Technical Data Sheet enclosed. (Annexure-C)	1		
	GST @.....%			
	Grand Total			

Terms and conditions:

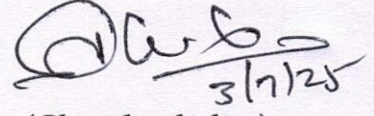
1. The rate quoted shall be firm and final and inclusive of all taxes excluding GST.
2. The materials to be supplied should confirm to the specification and standards as per the Technical Data enclosed to this enquiry letter.
3. The material supplied shall be guaranteed for a minimum period of 12 months from the date of supply for any manufacturing / performing defect and the guarantee certificate shall accompany the supplies. Any defects/damage found in the supplied materials, shall be replaced immediately at free of cost by the supplier.

4. The Budgetary quotation along with product brochure shall be sent to the undersigned on or before 07/07/2025 at 15:00 Hrs. to the email ID: chandrashekar.vn@nmpt.gov.in.

Encl: Annexure - A,B,C

Address for Communication:

Executive Engineer (M)III,
Administrative Building, 2nd Floor,
Room No.234,
New Mangalore Port Authority,
Panambur, Mangalore - 575010.
Mob: 9448910767, Ph: 0824-2887710



(Chandrashekar)

कार्यपालक अभियंता, (एम) I

Executive Engineer, (M) I

नव मंगलूर पोर्ट प्राधिकरण

New Mangalore Port Authority

पणंबूर, मंगलूर - ५७५०१०

Panambur, Mangalore - 575 010

Annexure -A**TECHNICAL DATA SHEET FOR CAST CARBON STEEL 350 NB SWING TYPE
NON RETURN VALVE**

A	Valve Type	SWING CHECK VALVE / NRV
B	Class	CLASS 150#
C	End connection	FLANGED TO ANSI B16.5. RF, CLASS 150#
D	Manufacturing / Design Std.	BS 1868
E	Size	350 NB
F	Media of flow	Sea Water
G	Material of Construction	
<i>Sl. No.</i>	<i>Description</i>	<i>Materials</i>
01	Body	CS ASTM A216 Gr. WCB (Internally coated with epoxy powder and externally with epoxy paint of fire red colour).
02	Cover	CS ASTM A 216 GR. WCB
03	Seat Ring	SS 316
04	Disc, Wedge, Trim	SS 316
05	Hinge	ASTM A 351 GR. CF8M
06	Hinge Pin	SS 316
07	Gasket	SPW SS 316 + CAF
08	Bolts & Nuts,	SS316
09	Washer	SS 316
10	Both side Plug	SS 316
11	Lock Nut	SS 316
H	TEST PRESSURE	
i.	Body Hydro Test Pressure	20 Kg/Cm ²
ii.	Seat Hydro Test Pressure	17.6 Kg/Cm ²
I	Testing Std.	API 598

**TECHNICAL DATA SHEET FOR CAST CARBON STEEL 150 NB SWING TYPE
NON RETURN VALVE**

A	Valve Type	SWING CHECK VALVE / NRV
B	Class	CLASS 150#
C	End connection	FLANGED TO ANSI B16.5. RF, CLASS 150#
D	Manufacturing / Design Std.	BS 1868
E	Size	150 NB
F	Media of flow	Sea Water
G	Material of Construction	
Sl. No.	Description	Materials
01	Body	CS ASTM A216 Gr. WCB (Internally coated with epoxy powder and externally with epoxy paint of fire red colour).
02	Cover	CS ASTM A 216 GR. WCB
03	Seat Ring	SS 316
04	Disc, Wedge, Trim	SS 316
05	Hinge	ASTM A 351 GR. CF8M
06	Hinge Pin	SS 316
07	Gasket	SPW SS 316 + CAF
08	Bolts & Nuts,	SS316
09	Washer	SS 316
10	Both side Plug	SS 316
11	Lock Nut	SS 316
H	TEST PRESSURE	
i.	Body Hydro Test Pressure	24 Kg/Cm ² A
ii.	Seat Hydro Test Pressure	17.6 Kg/Cm ² A
I	Testing Std.	API 598

Annexure –C**TECHNICAL DATA SHEET FOR CAST CARBON STEEL BUTTERFLY VALVE**

A	Valve Type & size	Butterfly Valve of Size 350 NB
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 24 Kg/Cm ² 2) Seat 17.6 Kg/Cm ²
G	Seat Leakage	Tight Shut off (Class VI)
H	Mode of Operation	Manual Gear Operated
I	Media of flow	Sea Water
J	Material of Construction	
Sr. No.	Description	Materials
01	Body	ASTM A216 Gr. WCB + EPOXY
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	SS 316
11	Bolt & Nut	SS 316
12	Gear Box	As suitable