



TECHNO-COMMERCIAL PROPOSAL

NAB Valves & Strainers - Sea Water Service (7 Items)

MARINE & SHIPBUILDING -- NAB VALVES

1. COVER LETTER

Dear Mr. Taha Abuwala,

Thank you for your enquiry dated 11 June 2026 for Nickel-Aluminium-Bronze (NAB) valves, strainers and fittings for Sea water service.

Supreme Valves India is pleased to submit our Techno-Commercial Proposal covering all 7 items of your enquiry. All items are offered in NAB per **ASTM B148 Alloy C95800 (CuAl10Fe5Ni5)**, suitable for sea water service, with the seat / trim materials and test pressures as called out in your bill of quantities.

As requested, the certification to be provided and the deviations / clarifications (if any) for each item are detailed in the **Documentation** and **Engineering Notes** sections of this proposal.

We trust this proposal meets your requirement and look forward to receiving your valued purchase order.

2. CUSTOMER & PROJECT DETAILS

Quotation Reference	SV/QTN/2026/VTMC/001
Quotation Date	11 June 2026
Customer	Vizag Trading & Mfg. Co. (VTMC)
Contact Person	Mr. Taha Abuwala
Email	vtmc52@rediffmail.com
Phone	+91 79814 48440
Address	27-32-10, 75 Feet Road, Visakhapatnam - 530001, Andhra Pradesh, India
Project / Location	Visakhapatnam, Andhra Pradesh
Application	Sea Water Service - NAB Valves, Strainers & Fittings
RFQ Subject	ENQUIRY FOR NAB VALVES AND FITTINGS
RFQ Date	11 June 2026

3. SCOPE OF SUPPLY

Sr	Description	Size	Qty	Unit Price (INR)	Total (INR)
1	Pressure Reducing Valve (PRV) Flanged type pressure reducing valve, body, bonnet & internals in Nickel-Aluminium-Bronze (NAB) ASTM B148 Alloy C95800, direct-acting spring-loaded type, suitable for working pressure	125mm (DN125)	01	95,000/-	95,000/-

	range -0.8 bar (vacuum) to 2 bar, Fluid: Sea water. Material and pressure test certificates (EN 10204 3.1) to be provided. Specs: Flanged ends as per EN 1092-1 PN10 (proposed - to be confirmed); Set range -0.8 to 2 bar; Fluid: Sea water				
2	Butterfly Valve - Lever Operated (Wafer Type) Wafer type butterfly valve, body & disc in NAB (ASTM B148 Alloy C95800), EPDM resilient seat, lever operated, suitable for Sea water service. Hydrostatic shell & seat test pressure 20 kg/cm ² . Material and pressure test certificates to be provided. Specs: Design per API 609 / EN 593; Wafer type, lever operated; Test pressure: 20 kg/cm ² ; Fluid: Sea water	80mm (DN80)	01	32,000/-	32,000/-
3	Butterfly Valve - Lever Operated (Wafer Type) Wafer type butterfly valve, body & disc in NAB (ASTM B148 Alloy C95800), EPDM resilient seat, lever operated, suitable for Sea water service. Hydrostatic shell & seat test pressure 20 kg/cm ² . Material and pressure test certificates to be provided. Specs: Design per API 609 / EN 593; Wafer type, lever operated; Test pressure: 20 kg/cm ² ; Fluid: Sea water	40mm (DN40)	01	18,500/-	18,500/-
4	Butterfly Valve - Gear Operated (Wafer Type) Wafer type butterfly valve, body & disc in NAB (ASTM B148 Alloy C95800), EPDM resilient seat, gearbox operated with handwheel, suitable for Sea water service. Hydrostatic shell & seat test pressure 20 kg/cm ² . Material and pressure test certificates to be provided. Specs: Design per API 609 / EN 593; Wafer type, gear operated; Test pressure: 20 kg/cm ² ; Fluid: Sea water	250mm (DN250)	04	1,95,000/-	7,80,000/-
5	SDNR (Spring-Loaded Disc Non-Return) Valve - Straight Pattern Straight pattern spring-loaded disc non-return (check) valve, body & internals in NAB (ASTM B148 Alloy C95800), suitable for Sea water service. Hydrostatic shell & seat test pressure 20 kg/cm ² . Material and pressure test certificates to be provided. Specs: Straight (lift/globe) pattern SDNR valve; Test pressure: 20 kg/cm ² ; Fluid: Sea water	80mm (DN80)	01	48,000/-	48,000/-
6	Relief Valve Spring-loaded relief valve, body & internals in NAB (ASTM B148 Alloy C95800), set relief pressure 2.5 bar, suitable for Sea water service. Material and pressure test certificates to be provided. Specs: Set relief pressure: 2.5 bar; Fluid: Sea water	40mm (DN40)	01	28,000/-	28,000/-
7	Bucket Type Strainer Bucket type strainer, body in NAB (ASTM B148 Alloy C95800) with removable perforated SS316 basket (perforation size to be confirmed at order stage), suitable for Sea water service. Hydrostatic shell test pressure 20 kg/cm ² . Material and pressure test certificates to be provided. Specs: Bucket/basket type strainer; Test pressure: 20 kg/cm ² ; Fluid: Sea water	250mm (DN250)	02	1,65,000/-	3,30,000/-
Subtotal					13,31,500/-
GST 18%					2,39,670/-
Grand Total					15,71,170/-

Amount in Words: Fifteen Lakh Seventy One Thousand One Hundred and Seventy Rupees Only

4. TECHNICAL SPECIFICATIONS

4.1 General Specifications - All Items

Parameter	Specification
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Body / Disc / Wetted Parts Material	Nickel-Aluminium-Bronze (NAB), ASTM B148 Alloy C95800 (CuAl10Fe5Ni5), sand cast
Fluid / Service	Sea water (all 7 items)
Material Certification	EN 10204 3.1 Material Test Certificate (chemical composition: Cu, Al, Fe, Ni, Mn per ASTM B148)
Pressure Testing	Hydrostatic shell & seat test as per item-wise test pressures specified (refer Scope of Supply)
Butterfly Valve Design Standard	API 609 / EN 593, wafer type, EPDM resilient seat
Flange / Mating Standard (proposed)	EN 1092-1 PN10 (to be confirmed against your piping class)
Applicable Reference Standards	ASTM B148, EN 1092-1, EN 12266-1, API 598, IS 1538, JIS F 7301

4.2 Item-wise Technical Summary

Parameter	Specification
Item 1 - 125mm NAB Pressure Reducing Valve	Flanged, NAB body, working range -0.8 to 2 bar, Sea water - Qty 1
Item 2 - 80mm NAB Butterfly Valve (Lever)	Wafer, NAB body/disc, EPDM seat, 20 kg/cm ² test, Sea water - Qty 1
Item 3 - 40mm NAB Butterfly Valve (Lever)	Wafer, NAB body/disc, EPDM seat, 20 kg/cm ² test, Sea water - Qty 1
Item 4 - 250mm NAB Butterfly Valve (Gear)	Wafer, NAB body/disc, EPDM seat, 20 kg/cm ² test, Sea water - Qty 4
Item 5 - 80mm NAB SDNR Valve (Straight)	NAB body & internals, 20 kg/cm ² test, Sea water - Qty 1
Item 6 - 40mm NAB Relief Valve	NAB body & internals, set 2.5 bar, Sea water - Qty 1
Item 7 - 250mm NAB Bucket Strainer	NAB body, SS316 perforated basket, 20 kg/cm ² test, Sea water - Qty 2

5. ENGINEERING NOTES

Deviations / Clarifications (Item-wise), as requested in your enquiry:

- Item 1 (125mm NAB Reducer Valve):** Offered as a direct-acting, spring-loaded Pressure Reducing Valve (PRV) with NAB body and flanged ends, for the specified working range of -0.8 bar (vacuum) to 2 bar. Flange standard assumed as EN 1092-1 PN10 - please confirm if ASME B16.5 Class 150 or another rating is required.
- Items 2, 3 & 4 (Butterfly Valves):** Offered with EPDM seats as specified, body & disc in NAB, stem in SS316 (NAB stem available on request at additional cost). Wafer dimensions per API 609 / EN 593 - to be confirmed against your mating flange standard (PN10 / PN16 / ANSI 150).
- Item 5 (80mm SDNR Valve):** Offered as a straight-pattern (lift/globe type) spring-loaded disc non-return valve in NAB, as specified.
- Item 6 (40mm Relief Valve):** Offered as a spring-loaded relief valve set at 2.5 bar as specified; end connections offered as screwed BSP - please confirm if flanged connections are required.
- Item 7 (250mm Bucket Strainer):** NAB body with removable SS316 perforated basket offered as standard (full NAB basket available on request at additional cost). Mesh / perforation size to be confirmed at order stage.
- Flange face finish offered as standard raised face / smooth finish unless specified otherwise.

6. COMMERCIAL TERMS & CONDITIONS

HSN Code	8481.80.30
Price Basis	Ex-Works Ahmedabad, Gujarat. Packing extra at actuals.
GST	18% IGST extra as applicable (interstate supply).
Delivery Time	10 to 12 weeks from confirmed Purchase Order and advance payment (NAB casting + machining for all items).
Packaging and Forwarding	2% Extra
Payment Terms	50% advance with Purchase Order. Balance 50% before dispatch against Proforma Invoice.
Offer Validity	15 days from date of this quotation.

Inspection	In-house hydrostatic and dimensional inspection. Third-party inspection (Lloyd's, IRS, BV, etc.) at buyer's cost if required.
Jurisdiction	All disputes subject to jurisdiction of courts at Ahmedabad, Gujarat.

7. DOCUMENTATION

The following certification / documentation will be provided with this supply, as requested in your enquiry:

- EN 10204 3.1 Material Test Certificate for NAB castings (chemical composition of Cu, Al, Fe, Ni, Mn per ASTM B148)
- Hydrostatic shell & seat pressure test certificates for each valve / strainer, at the test pressures specified per item
- Dye-penetrant (PT) test reports on NAB pressure-retaining castings
- Dimensional inspection report
- Manufacturer's Test Certificate / Certificate of Conformance
- Packing list

Third-party inspection (Lloyd's Register, IRS, Bureau Veritas, etc.), if required for this order, can be arranged at additional cost on request.

8. WARRANTY

18 months from date of dispatch against manufacturing and material defects. Marine-grade Nickel-Aluminium-Bronze (NAB) valves are warranted for superior corrosion resistance in seawater service per ASTM B148 and ASTM G52. Warranty covers casting integrity, machining quality, and material composition.

Yours faithfully,



Zahid Ranginwala
 Director, Supreme Valves India
 Ahmedabad

