



NEW MANGALORE PORT AUTHORITY

Mechanical Engineering Department

Panambur, Mangalore - 575 010

Phone: 0824 - 2887730

No. 20/114/2023-24/EE(M)III/TS(OTM)

Date: 13/04/2023

To,

Intended Bidders

Sir,

Sub: Testing of Aqueous Film Forming Foam (AFF Foam) compound sample of Fire Fighting System of Oil Jetty No.10, 11, 12 & 13 of NMPA - Quotations Requested - Reg.

Quotations are invited for "Testing of Aqueous Film Forming Foam (AFF) compound sample of Fire Fighting System of Oil Jetty No.10, 11, 12 & 13 of NMPA" as per Bill of Quantity and Terms & conditions detailed below:

Bill of Quantity

Sl. No.	Description of testing	Quantity	Rate in Rs.	Amount in Rs
1	Testing of Aqueous Film Forming Foam (AFF Foam) compound sample of Fire Fighting System of Oil Jetty No.10, 11, 12 & 13 of NMPA to conform to the physical requirements as per Clause No. 5.3.3 of OISD-GDN-115 (extract of Clause No. 5.3.3 of OISD-GDN-115, is enclosed as Annexure .A)	05 samples		
	GST @ _____			
	Grand Total			

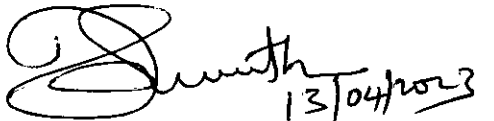
(Rupees _____ Only)

Terms & Condition:

1. The rate quoted shall be firm & final inclusive of all taxes & duties excluding GST.
2. GST as applicable shall be paid extra. GST shall be quoted separately.

3. GST Certificate shall be enclosed along with the quotation. If GST certificate is not produced, the quotation shall not be considered for evaluation.
4. No escalation in price whatsoever will be allowed till completion of the work.
5. The rate quoted should be valid for at least 45 days from the due date of submission of offer.
6. Testing of Aqueous Film Forming Foam (AFF Foam) compound sample of Fire Fighting System of Oil Jetty No.10, 11, 12 & 13 of NMPA to be done to conform to the physical requirements as per Clause No. 5.3.3 of OISD-GDN-115 (extract of Clause No. 5.3.3 of OISD-GDN-115, is enclosed as Annexure .A for reference). The valid Certificate of Accreditation of qualified laboratory having testing facilities for quality condition testing of AFF Foam compound shall be enclosed to the enquiry letter. If the certificate is not produced, the quotation shall not be considered for evaluation.
7. Five samples (2 Litres each) of AFF Foam compound in cans with identification marking, will be sent to the laboratory of the successful bidder for testing and the sample to be tested as per Clause No. 5.3.3 of OISD-GDN-115 and test reports to be submitted to the undersigned within 20 days from the date of receipt of sample at the laboratory of the firm.
8. 100% payment will be made within 15 days from the date of receipt of bills and test reports.
9. Statutory Taxes as applicable will be deducted while releasing the payment.
10. The quotations enclosed in a sealed cover super scribed as "Testing of Aqueous Film Forming Foam (AFF Foam) compound sample of Fire Fighting System of Oil Jetty No.10, 11, 12 & 13 of NMPA" should reach to the under signed on or before 26/04/2023 at 15:00 Hrs. to the below mentioned address. Quotations will be opened on the same day at 4.00 PM.

Encl: As above



(Krishnamurthy D S)

Executive Engineer (M)

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

Address for Communication:

Executive Engineer (M)III,
Administrative Building, 2nd Floor, Room No.234,
New Mangalore Port Authority,
Panambur, Mangalore - 575010.
Mob: 9449700435, Ph: 0824 – 2887730
Email: krishnamurthy.ds@nmpt.gov.in

13/4/23



5.3.3 CONCENTRATE CHARACTERISTICS

The concentrate should conform to the physical requirements as below

Concentrate requirements	Values	
	Max.	Min
Viscosity, at 27 ± 1 deg. C (Centistokes)	40	
Hydrogen ion concentration (pH) for both original and conditioned sample	7.5	7.0
Specific Gravity for both original & conditioned sample	1.1	1.0
Miscibility with water /sea water	Miscible	
Sludge contents (% viv)	0.25%	
Freezing Point	Should flow at -5° C	
Film Formation	Forms Aqueous Film	
Spreading coefficient		4.5
Expansion at 27±1 o C	12	8
25% drainage time at 27±1oC		90 Sec
Fire test extinction time	60 Sec	
Resistance to burn back (thermal stability)		8 Min

Storage

- a) The concentrate should have shelf life as per relevant Indian Standard.
- b) The foam compound should be tested every 3 years at random.

Homogeneity

The concentrate should be homogeneous. No solidification or separation of crystals or stratification should take place.

Compatibility

The foam produced from the concentrate should be compatible with dry chemical powder.

"OISD hereby expressly disclaims any liability or responsibility for loss or damage resulting from the use of OISD Standards/Guidelines."