



Annexure A

NOTICE INVITING TENDER

Ref : NIT No.28489 (1960439E) dt 14.07.2016

Technical Requirement for Vendors Supplying.

SL	Material code	Description	UNIT	Qty	Lot	Lot Qty	Delivery date
001	IM1300100500		LTR	100.000	01	100.000	30/08/2016
		SEA WORTHY RUST PREVENTIVE OIL					
		(SPECIFICATION REFER ATTACHMENT)					
		SUPPLY SHALL BE IN 20 LITRES PACK					
		SHELF LIFE THINNER SHOULD BE 11 MONTH					
		AT BHEL STORES RECEIPT. TEST CERTIFICATE					
		AND GUARANTEE CERTIFICATE TO BE					
		FURNISHED ALONG WITH SUPPLY					
		THIS MATERIAL TO BE PROCURED IN LINE					
		WITH PAINT PROCUREMENT CHECK LIST AND QP					
		RELEASED BY BHEL /BAP QUALITY					

Tender may be submitted through <https://bheleps.buyjunction.in>

Note: All corrigenda, addenda, amendments, time extensions, clarifications etc., to the tender will be hosted on BHEL website (www. bhel.com) only. Bidder should regularly visit website www.bhel.com to keep themselves updated.

Manager / Purchase

**TECHNICAL SPECIFICATION FOR TEMPORARY SEA WORTHY RUST
PREVENTIVE FLUID FOR BHEL USE TO IS 1153 (MODIFIED)**

PR: CHEM:09-06/REV 02

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1	Specific Gravity at ambient temperature	0.85 - 0.95
2	Flash Point °C (min)	40
3	Drying time : Surface Dry (Hours, max)	½
	Hard Dry (Hours, max)	8
4	Dry film thickness (Microns) per coat (MIN)	25
5	Consistency	Smooth & Uniform
6	% Non- Volatiles by mass	55 ± 5
7	Film type Transparent/Translucent	Transparent
8	Temperature Resistance of RPF film at 50 °C (for 8 hrs)	No visible change
9	Corrosion Protection under conditions of condensation for 300 Hrs.	To pass test
10	Salt spray test for 500 Hrs.	To pass test
11	Out door durability	The coating shall not crack or turn opaque when exposed to out door, unsheltered condition for 1 year.
12	Scratch Hardness test (Under load of 1000 g as per IS 101 (Latest))	To pass test
13	% Zinc Phosphate content (min)	8
14	Keeping Property – Months (Shelf life) min.	12
15	General conformance to I.S Specification	IS 1153 (Latest)
16	Packing-standard/markings	4 litres tin as per IS 1407 (Latest) and 20 litres as per IS 2552 (Latest) Gr B2 Rust Preventive fluid for BHEL use only. Batch NO: Date Quantity: Shelf Life: Use Before:
17	Test certificate	The supplier shall furnish test certificate for the above requirements Sl.No.1 to 15 in duplicate.

NOTE: The TRPF shall be free from Rosin and ROSIN DERIVATIVES and other natural resins. It shall pass through Liebermann-Storch test. Also it should protect the metal surfaces from corrosion during transportation by sea.

Revisions

Rev. No	Clause revised	Details
02	13	Requirement of Zinc phosphate given.
01	5 & 10	Consistency & Hrs of Salt spray test Modified.
00	----	New

REV	DATE	PREPARED	REVIEWED & APPROVED
02	05/01/2010	L.Gragori	Dr. G.Ravichandran
01	03/12/2008		
00	30/10/2008		

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PRE QUALIFICATION REQUIREMENTS FOR SUPPLY OF SEA WORTHY OIL

Following points are to be considered for adding supplier for the supply of sea worthy oil

- Should have Exposure , reputation and proven about specification of export preservation oil supply of same
- Must have capable of design and process to meet the BHEL specifications and supply of same
- Should have quality system
- Must have 3 to 4 years in this filed Manufacturing and supplied in this field
- Should have facility for production and testing product Quality
- Must Certify for product Quality, also its performance and give guarantee and warrantee for the product.
- Should have procedure for application and safety of the product.
- Should have Referenced National / international standards/specification for the product.