



MORMUGAO PORT TRUST
MATERIALS MANAGEMENT DIVISION
ENGINEERING (MECHANICAL) DEPARTMENT
MENEZES BRAGANZA ROAD, P.B.No.: 170, BAINA
VASCO-DA-GAMA-GOA-403802

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WEBSITE: www.mptgoa.com

The Materials Manager Mormugao Port Trust, Baina, Vasco-da-gama, invites budgetary quotation in the BOQ form hereunder super scribed as quotation No. MM/NS/DC/0010

Due on 11 /04 /2016 at 15.00 hrs for the **Supply of Mooring accessories for steel lighted buoys.**

1. M/s. J. Ebrahim & Co., Mumbai
2. M/s. Hi-Tech Elastomers Ltd., Ahmedabad.
3. M/s. Sea Linkers Pvt. Ltd., Mumbai
4. M/s. Buttweid Industries, Kolkata
5. M/s. Aeromarine Equipments Supply Pvt. Ltd., Mumbai
6. M/s. India Chains Pvt. Ltd., Kolkata

Date: 07.04.2016

Materials Manager (i/c)

BILL OF QUANTITIES (BOQ)

Sr No.	Description of Work	Unit	Qty	Rate/Unit (Rs.)		Amount (Rs.)
				In Figures	In words	
1	Bridal Chain: 38 mm dia. stud Link anchor chain grade U3 - Length-5.5 mtrs. (Class approved with any IASC class as per the Indian standards)	Nos.	18			
2	Mooring Chain: 50 mm dia. stud Link anchor chain grade U3 -Length-27.5 mtrs. (Class approved with any IASC class as per the Indian standards)	Nos.	18			
3	'D' Shackle: 57 mm body dia. forelock pin type or nut bolt type with locking alloy steel grade 80 or higher. (With approved IDLR test certificate and material composition test certificate)	Nos.	40			
4	Triangular plate: 50 mm thick for connecting Bridal chain and Swivel holes to suit shackle pins with strengthening on eyes to protect wear and tear grade ASTM A-516 Grade 70. (Material Test Certificate along with IDLR Test Certificate on SWL to be provided)	Nos.	09			
5	Swivel: connecting between Triangular plate and pendent chain 50 mm dia. complete set grade U3 (E+SW+E). (Class approved with any IASC class as per the Indian standards)	Nos.	09			
6	Sinker: C.I. / Concrete RCC with 50 mm dia. Hook 05 Tonne weight each. (With manufacture test certificate on composition of material)	Nos.	09			
7	'D' Shackle: 42 mm body dia. forelock pin type or nut bolt type with locking alloy steel grade 80 or higher. (With approved IDLR test certificate and material composition test certificate)	Nos.	40			
TOTAL AMOUNT						

(In words Rupees _____
 _____ only inclusive of all taxes and duties)

TENDERER'S SIGN WITH SEAL

Detailed technical specifications as per Annexure – A attached.

DESCRIPTION OF ITEMS

Requirement of mooring accessories for 9 nos. steel buoys, to replace existing mooring accessories and to meet with Depth of 20 mts.

Item No.	Description	Unit	Qty.
1.	<u>Bridal Chain:</u> 38 mm dia. stud Link anchor chain grade U3 - Length – 5.5 mtrs. (Class approved with any IASC class as per the Indian standards)	Nos.	18
2.	<u>Mooring Chain:</u> 50 mm dia. stud Link anchor chain grade U3 - Length – 27.5 mtrs. (Class approved with any IASC class as per the Indian standards)	Nos.	18
3.	<u>'D' Shackle:</u> 57 mm body dia. forelock pin type or nut bolt type with locking alloy steel grade 80 or higher. (With approved IDLR test certificate and material composition test certificate)	Nos.	40
4.	<u>Triangular plate:</u> 50 mm thick for connecting Bridal chain and Swivel holes to suit shackle pins with strengthening on eyes to protect wear and tear grade ASTM A-516 Grade 70. (Material Test Certificate along with IDLR Test Certificate on SWL to be provided)	Nos.	09
5.	<u>Swivel:</u> Connecting between Triangular plate and pendent chain 50 mm dia. complete set grade U3 (E+SW+E). (Class approved with any IASC class as per the Indian standards)	Nos.	09
6.	<u>Sinker:</u> C.I./Concrete RCC with 50 mm dia. Hook 05 Tonne weight each. (With manufacture test certificate on composition of material)	Nos.	09
7.	<u>'D' Shackle:</u> 42 mm body dia. forelock pin type or nut bolt type with locking alloy steel grade 80 or higher. (With approved IDLR test certificate and material composition test certificate)	Nos.	40