

CHENNAI PORT TRUST

NOTICE INVITING BUDGETARY OFFER

MEE/U3/020/2023/Dy.CME (MP & OH)



BUDGETARY OFFER

FOR

**CHIPPING, CLEANING, SUPPLY OF PAINTS, AND
PAINTING THE 16" Ø, 14" Ø, 12" Ø, 10" Ø, 6" Ø ETC.,
FIRE FIGHTING PIPE LINES IN OLD TRESTLE FROM
NEW PUMP HOUSE TO BD-I, NPH/OPH AREA & NPH TO
IMC TERMINAL AT OIL DOCK OF CHENNAI PORT
AUTHORITY**

Submission on or before : 24.03.2023

To the address of:
Office of the Dy.Chief Mechanical Engineer(MP & OH)
Chennai Port Authority
No. 1, Rajaji Salai, Chennai -600 001.

BUDGETARY OFFER FOR CHIPPING, CLEANING, SUPPLY OF PAINTS, AND PAINTING THE 16"Ø, 14"Ø, 12"Ø, 10"Ø, 6" Ø ETC., FIRE FIGHTING LINES IN OLD TRESTLE FROM NEW PUMP HOUSE TO BD-I, NPH/OPH AREA & NPH TO IMC TERMINAL AT OIL DOCK OF CHENNAI PORT AUTHORITY.

**TECHNICAL SPECIFICATION
SCHEDULE – 'A'**

GENERAL

The Port proposes to carry out the works of chipping, cleaning, surface preparation, supply of paints and painting of the 16" Ø, 14" Ø, 12" Ø, 10" Ø, 6" Ø etc., Firefighting pipe lines including pipe support & accessories in old trestle from New pump house to BD-I, NPH/OPH area and New pump house to IMC terminal at Oil dock since it is badly corroded due to ageing and saline atmosphere.

The work involves chipping, cleaning, surface preparation of pipes and supply of paints from reputed manufacturer of Shalimar, Berger, Nippon, Asian, Jotun, Sigma coatings, Chugoku (all Marine grade) only for painting the 16" Ø, 14" Ø, & 12" Ø, 10" Ø, 6" Ø etc., Fire fighting lines in Old Trestle from New pump house to BD-I, NPH/OPH area and New pump house to IMC terminal as detailed specification mentioned below:-

SCOPE OF WORK:

- 1) The firm shall thoroughly chip and clean the area of corroded portion in 16" Ø, 14" Ø, & 10" Ø, 6" Ø, etc., Firefighting pipe lines including pipe support and accessories in Old Trestle, from New pump house to BD-I, NPH/OPH area and New pump house to IMC terminal with proper hand tool viz. chipping hammer, wire brush, etc.
- 2) The firm shall supply & apply **one coat of Epoxy zinc Rich Primer** to a thickness of not less than **40 microns** from the existing painted surface for entire portion of **16"Ø – 742.Sq.m, 14"Ø, – 1932.Sq.m, 12" Ø, - 44 Sq.m, 10" Ø, - 444 Sq.m, 6" Ø, - 29 Sq.m, 4"Ø, - 13 Sq.m, 2"/1"/3/4" Ø - 6 Sq.m**, of Firefighting pipe lines in old Trestle, from New pump house to BD-I, NPH/OPH area and New pump house to IMC terminal after thoroughly cleaning it.
- 3) The firm shall supply & apply **two coats of Epoxy Post office Red colour** finish paint to a thickness of not less than **60 microns** on each coat from the existing painted surface for entire portion of **16"Ø – 742.Sq.m, 14"Ø, – 1932.Sq.m, 12" Ø, - 44 Sq.m, 10" Ø, - 444 Sq.m, 6" Ø, - 29 Sq.m, 4"Ø, - 13 Sq.m, 2"/1"/3/4" Ø - 6 Sq.m**, of Firefighting pipe lines in Old Trestle, from New pump to BD-I, NPH/OPH area and New pump house to IMC terminal in 24 hours intervals in between two coats.

SCOPE OF THE FIRM

- 1) The required brushes, chipping hammer, all other tools for chipping for Painting the pipelines shall be arranged at their own cost.
- 2) The firm shall arrange necessary skilled manpower, tools and tackles, consumables, etc. for the above work.
- 3) The Firm should arrange necessary work permit passes, Harbour entry passes for the employees/Vehicles including special entry permit to enter Oil dock area.
- 4) The Firm should arrange some qualified supervisory personnel onsite during the working hours to interact with the Trust engineer about the work flow.
- 5) The Firm should arrange their own Transport facilities for the men working and the materials shifting to the work spot.
- 6) The firm should arrange and supply the necessary required paints and thinner and also the firm ensures the supply of paints of reputed manufacturer of Shalimar / Berger / Asian / Nippon Jotun/Sigma coatings/Chugoku (Marine grade) only and the quality of the paint should be confirmed by the Trust Engineers before painting.
- 7) The firm should ensure the thickness of the painted surface with necessary measuring instrument in between applying coats and get the clearance from the Port engineer and record it their site register.
- 8) Paints that have exceeded its shelf life shall not be used.
- 9) The original packages and tins shall not be opened until they are inspected and approved by CHPA representatives.
- 10) The firm shall thoroughly clean the trestle area after completion of the painting work and dispose the removed/used material in the area shown by Port representative.

TERMS AND CONDITIONS

- 1) The firm shall inspect the site and acquaint themselves of the working area before quoting.
- 2) The firm shall submit their offer as per the enclosed Schedule "A1" schedule of quantities.
- 3) The firm shall ensure that no damage occurs to the Fire fighting pipe lines by any manners and for consequent damage to other adjacent pipelines and Port properties. Liability of the same will be levied on the firm. The firm shall carryout the painting work carefully and if any spillage of paint occurs on the nearby pipe lines it should be cleaned.
- 4) The firm shall carryout the work during the allotted days only.
- 5) The firm shall provide to the men engaged in work with all the personal protective equipments like nose masks, safety harness, hand gloves, shoes, safety goggles, and helmet to ensure the safety of their employees while at work.

- 6) The firm's vehicles like van, lorry, etc., should have a spark arrester unit fitted in the exhaust pipe to work in the hazardous area.

COMPLETION PERIOD

The entire work shall be completed within 60 **days** from the date of receipt of the order excluding trust holidays.

GUARANTEE PERIOD

The work shall be guaranteed for **12 months** from the date of acceptance of work.

**CHIEF MECHANICAL ENGINEER
CHENNAI PORT AUTHORITY**

**BUDGETARY OFFER FOR CHIPPING, CLEANING, SUPPLY OF PAINTS,
AND PAINTING THE 16" Ø, 14" Ø, & 12" Ø, 10" Ø, 6" Ø ETC., FIRE
FIGHTING LINES IN OLD TRESTLE FROM NEW PUMP HOUSE TO BD-I,
NPH/OPH AREA & NPH TO IMC TERMINAL AT OIL DOCK OF
CHENNAI PORT AUTHORITY.**

**SCHEDULE OF QUANTITIES & PRICES
SCHEDULE – 'A1'**

S.No	Description of the Item	Unit	Qty.	Rate/Unit (Rs.)	Amount (Rs.)
1	Charges for Supply of paints, Chipping, Cleaning the corroded areas in pipe lines including pipe support and accessories and applying one coat of Epoxy Zinc Rich Primer to a thickness of not less than 40microns for Firefighting Pipe line as detailed in Schedule-A. 16"Ø – 742.Sq.m, 14"Ø, – 1932.Sq.m, 12" Ø, - 44 Sq.m, 10" Ø, - 444 Sq.m, 6" Ø, - 29 Sq.m, 4"Ø, - 13 Sq.m, 2"/1"/3/4" Ø - 6 Sq.m,	Sq.Mtrs.	3210		
2.	Charges for applying, two coats of Epoxy Post Office Red colour finish paint to a thickness of not less than 60 microns on each coat for Firefighting Pipe line as detailed in Schedule-A. 16"Ø – 742.Sq.m, 14"Ø, – 1932.Sq.m, 12" Ø, - 44 Sq.m, 10" Ø, - 444 Sq.m, 6" Ø, - 29 Sq.m, 4"Ø, - 13 Sq.m, 2"/1"/3/4" Ø - 6 Sq.m,	Sq.Mtrs.	3210		
Total					
GST @ %					
GRAND TOTAL					

Rupees _____ only.
(Inclusive of all taxes and duties)

CONTRACTOR'S SIGNATURE WITH SEAL