



चेन्नई पोर्ट ट्रस्ट
CHENNAI PORT TRUST

MECHANICAL AND ELECTRICAL ENGINEERING
DEPARTMENT

NO.1, RAJAJI SALAI, CHENNAI – 600 001.

MEE/FR3/262/2017/DY.CME (W)

**BUDGETARY OFFER FOR REPLACING OF CORRODED
/DAMAGED DELIVERY WATER PIPE BY NEW 6"Ø & 4"Ø
G.I PIPE AT I SECTION FRESH WATER HIGH LEVEL
RESERVOIR TANK.**

DUE DATE : 25.07.2017

THE CHIEF MECHANICAL ENGINEER
7TH Floor, Centenary Building
Rajaji Salai, Chennai – 600 001.

**BUDGETARY OFFER FOR REPLACING OF CORRODED /DAMAGED DELIVERY
WATER PIPE BY NEW 6"Ø & 4"Ø G.I PIPE AT I SECTION FRESH WATER HIGH
LEVEL RESERVOIR TANK.**

TECHNICAL SPECIFICATION

SCHEDULE – "A"

General :-

Chennai Port Trust has proposed to replace corroded/damaged Delivery Water pipe with new 6"Ø & 4"Ø G.I pipe approximately length of 24 meters and 10 meters respectively in I Section Fresh water High Level Reservoir Tank to provide effective water supply to centre berth, Signal station, OH, BD, Anchor gate, Hospital etc.,

SCOPE OF WORK:-

1. Replacing of corroded/damaged 6"Ø G.I. Delivery Water pipe at High Level Reservoir Tank by new 6"Ø G.I pipe at approximately length of 24 meters, pipes will be given by Trust.
2. Replacing of corroded/damaged 4"Ø G.I.. Delivery Water pipe by new 4"Ø G.I pipe at approximately length of 10 meters pipe will be given by Trust.
3. Earth excavation of soil to fix the new pipe with new 6"Ø gate valve. The 6"Ø gate valve will be provided by Trust.
4. Supply and fixing pipe clamps wherever necessary under the contractor scope.
5. Flanges will be provided by Trust
6. Procurement of anti-corrosive paint and apply is under the contractor scope.

DETAILED SPECIFICATION:-

1. Welding of 6"Ø G.I. flange with 6"Ø new water pipe and transporting the same to I section fresh water tank.
2. Welding of 4"Ø G.I. flange with 4"Ø G.I pipe bend of one end to connect the 6"Ø gate valve.
3. Welding of 4"Ø G.I. flange with 4"Ø G.I bend of one end to connect the 4"Ø existing pipe.
4. Removal of corroded 6"Ø & 4"Ø G.I. water pipe from I section fresh water High Level Reservoir tank and shifting the same to pipeline main zone.
5. Earth excavation of soil to a required depth to fix the new pipe with existing 4"Ø G.I pipe and gate valve.

6. Fixing of new 6"Ø & 4"Ø G.I. pipe with flanges approximately length of 24 meters and 10 meters respectively in the place of removed pipe in I section fresh water High Level Reservoir tank and fixing clamps wherever necessary.
7. 6"Ø gate valve to be installed in between new pipes.
8. Commissioning the water distribution system.
9. Anticorrosive paint to be coated on the renewed pipes

GENERAL TERMS AND CONDITIONS:-

1. The contractor should visit the site before submitting the offer.
2. The contractor has to submit the offer as per Trust format in Schedule "A-1" without fail.
3. The contractor shall arrange their own tools and plants, welding machines, gas equipments & cylinder, pipe clamps, gaskets, bolts & nut and safety equipments required for the above work.
4. The necessary 6"Ø & 4"Ø new water pipes, flanges and bend will be given by the Trust at free of cost.
5. Power and water supply will be given by the Trust at free of cost.
6. Scaffolding should be carried out by the contractor at his own of cost.
7. The Trust will not be responsible for any damage accident or any loss of the firms man and materials.
8. The firm shall not do any damage to the existing service/live cable/pipe lines and if any damages happened on the above, the actual charges incurred for rectification to restore as normal shall be recovered from the firm or it shall be rectified by their own cost.
9. The contractor shall arrange their own vehicle to Transport man and materials, Transporting of pipes from pipe line shop vice versa.
10. The work shall be carried out in the presence of Trust representative.
11. The completion period of the contract is 12 days from the date of handing over the site and the pipes should be changed on the same day and commissioned.
12. If any leak is found, it should be rectified by the firm on their own cost.
13. The work shall be a guarantee of six months from the date of satisfactory in completion of the work.
14. ESI and any other insurance clauses is applicable by the contractor to their own labour.
15. Payment will be made within 30 days from the date of completion of actual work with satisfactory and acceptance of the Trust representative.
16. The firm should have service PAN and GST registration as applicable.

BUDGETARY OFFER FOR REPLACING OF CORRODED /DAMAGED DELIVERY WATER PIPE BY NEW 6"Ø & 4"Ø G.I PIPE AT I SECTION FRESH WATER HIGH LEVEL RESERVOIR TANK.
SCHEDULE "A1"

| S.No | DESCRIPTION OF WORKS | UNIT | QTY | RATE/ UNIT | AMOUNT Rs. P. |
|------|---|------|-----|---------------|------------------|
| 1. | Welding 6"Ø GI flange on 6"Ø GI water pipe | Nos | 10 | | |
| 2. | Welding of 4" Ø flange with 4"Ø GI pipe and 4"Ø GI bend. | Nos | 14 | | |
| 3. | Removal of corroded/damaged 4"Ø G.I pipe at approximately length of 10 meters and replacing new 4"Ø G.I. Water pipe in I Section Fresh water HLR delivery line. | Lum | | | |
| 4. | Removal of corroded/damaged 6"Ø G.I pipe at approximately length of 24 meters and replacing new 6"Ø G.I. Water pipe in the I Section Fresh water HLR Tank. | Lum | | | |
| 5. | Fixing of 6"Ø gate valve in between new pipe. | No | 1 | | |
| 6 | Earth Excavation of soil. | Lum | | | |
| 10 | Supply and fixing of metal clamps for 6"Ø pipe | Lum | | | |
| 8. | Transportation charges for shifting of pipe from M/Yard main zone to I section and viz versa. | Lum | | | |
| 9. | Supply and coating Anti-corrosive paint on the renewal pipe. | Lum | | | |
| 10 | Scaffolding cost | Lum | | | |
| 11 | Total = | Lum | | | |
| 12. | GST | | | | |
| 13 | Grand Total = | | | | |

(Rupees _____ only)

Contractor
Signature with seal