**KARACHI WATER & SEWERAGE BOARD**

**OFFICE OF THE EXECUTIVE ENGINEER NORTH KARACHI DIVISION (WATER)**

Estimate amount : Item Rate basis

Time limit : 20 days

Penalty for delay : 1000/- P/day

Tender Cost : 1000/-

Date of Opening : 27-01-2017

Name of Work:- **RE-LAYING AND CLEANING IN PIPE WATER LINE & REPAIR OF LEAKING ON PIPE WATER LINE REPLACEING OF PROVIDING & FIXING C.I SLUICE VALVE AT SECTOR 3, 4, 5A-3, 5B-1, 2, 3 AND 5C-1, 3 FOR IMPROVEMENT OF WATER SUPPLY OF NORTH KARACHI.**

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| **S. No** | **Description of Work** | **QTY** | **Rate** | | **Per Unit / Item** | **Amount in Rupees** |
| **Rupees in Figures** | **Rupees in Words** |
| 1. | Excavation for pipe line in trenches & pits in all kind of soil murum i/c trimming and dressing sides to true alignment & shapes leveling of bed trenches to correct level and grade cutting joint holes & disposal of surplus earth within a one chain as directed by Engineer incharge. Providing fence guards lights, flags, and temporary crossing for non-vehicular traffic where ever required lift upto 5ft (1.52m) and lead upto one chain(30.5m). | 35846.34 Cft |  |  | %0 Cft |  |
| 2. | Full hire charges of the pumping set per day i/c wages of driver and Assistant fuel electric energy plate from required for placing pump etc at lower depth with suction and delivery pipes for pumping out water at found at carious depth from trench including the cost of erection and dismantling after completion of the job Hire charges of pumping set of upto 10-HP Pumping and out water from 10 ft deep trench. | 14 Days |  |  | P/Day |  |
| 3. | Labour taken for taking out old existing pipe from trenches than cleaning of pipe & Re-laying of pipe after cleaning.  i)Labour for taking out  ii)Labour for Cleaning  iii)Labour for Re-laying  iv)Fitters | 10 Labour  12 Labour  10 Labour  05 Fitter |  |  | P/Labour  P/Labour  P/Labour  P/Fitter |  |
| 4. | Providing Laying & fixing in trench i/c fitting Jointing & testing etc complete in all respect the light density polyethylene pipes (HDPE-100) for W/S confirming ISO-4427 Din 8074/8075 B.S 3580 & PSI 3051 (PN-10)  110mm PE pipe water line  160mm PE pipe water line  200mm PE pipe water line | 20 Rft  20 Rft  10 Rft |  |  | P/Rft  P/Rft  P/Rft |  |

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| 5. | Repair of leaking joints on A.C Pipe of various diameters including the cost of rubber tube labour/mistary, sand, cement, jute/spurn yarn etc complete.  04” dia  06” dia  08” dia | | 12 Nos.  12 Nos.  08 Nos. | |  | |  | | Each  Each  Each |  |
| 6. | Repair of leakages on PRCC pipe line main external vatta on various diameters. includes the cost of excavation, labour, sealing material, gunny bages, de-watering and refilling of the excavated stuff etc complete.  12” dia water pipe line  18” dia water pipe line | | 06 Nos.  03 Nos. | |  | |  | | Each  Each |  |
| 7. | Providing C.I. S/Valve heavy pattern (test pressure 21.0 Kg/Sq. Cm or 300 Lb/Sq. Inch) ( imported).  4” dia  6” dia  9” dia  12” dia | | 04 Nos.  04 Nos.  02 Nos.  01 No. | |  | |  | | Each  Each  Each  Each |  |
| 8. | Fixing of C.I sluice valve with 2 coat iron tail pieces one end flanged and other with socket i/c the cost of nuts bolts and rubber packing Labour etc complete.  4” dia  6” dia  9” dia  12” dia | | 04 Nos.  04 Nos.  02 Nos.  01 No | |  | |  | | Each  Each  Each  Each |  |
| 9. | Construction of CC block Massonary chamber of size (inside dimension) with 24x24" CI Cover frame weight (65kg) fixed RCC 1:2:4 slabs 6’’ thick with steel ½‘’ tor bar @6” C/C with bent up ¼” dia 8” C/C distribution bars C.C 1:3:6 B/M walls set 1:6: CM 6” thick C.C 1:4:8 in foundation 2” thick C.C 1:2:4 flooring ½” thick cement plster 1:3 to all in side wall surfaces top and bottom slab outer side walls surfaces 1-0 deep upto roof slab i/c M.S foot rest 5/8” dia bars at every 2-0 deep i/c curing de-watring excavation refilling & disposal of surplus of earth etc complete.  Chamber Size. 4’-0”x4’-0”x4’-0”  6’-0”x6’-0”x6’-0” | 10 Nos.  01 No. | |  | |  | | Each  Each | |  |

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| 10. | Refilling of excavated stuff in trenches 6” thick layer i/c watering ramming to full compaction etc complete | 35846.34 Cft |  |  | %0Cft |  |

Total Amount Rs.\_\_\_\_\_\_\_\_\_\_/=

Executive Engineer (Water)

North Karachi, KW&SB

NOTE:- Contractor will abide all existing rules / terms & condition of SPPRA Rules-2010

I/We hereby Quoted an Amount of Rs..\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ On item rate basis.

In wards(\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

Signature of Contractor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**KARACHI WATER & SEWERAGE BOARD**

**OFFICE OF THE EXECUTIVE ENGINEER NORTH KARACHI DIVISION (WATER)**

Estimate amount : Item Rate basis

Time limit : 20 days

Penalty for delay : 1000/- P/day

Tender Cost : 1000/-

Date of Opening : ­­­­­­27-01-2017

Name of Work:- **EMERGENT REPAIR OF LEAKAGES ON PIPE WATER LINE AND RE-LAYING CLEANING IN PIPE WATER LINE AND REMOVAL OF CONTAMINATION IN PIPE WATER LINE FOR IMPROVEMENT OF WATER SUPPLY AT DIFFERENT SECTORS OF NORTH KARACHI.**

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| **S. No** | **Description of Work** | **QTY** | **Rate** | | **Per Unit / Item** | **Amount in Rupees** |
| **Rupees in Figures** | **Rupees in Words** |
| 1. | Excavation for pipe line in trenches & pits in all kind of soil murum i/c trimming and dressing sides to true alignment & shapes leveling of bed trenches to correct level and grade cutting joint holes & disposal of surplus earth within a one chain as directed by Engineer incharge. Providing fence guards lights, flags, and temporary crossing for non-vehicular traffic where ever required lift upto 5ft (1.52m) and lead upto one chain(30.5m). | 31273.54 Cft |  |  | %0 Cft |  |
| 2. | Full hire charges of the pumping set per day i/c wages of driver and Assistant fuel electric energy plate from required for placing pump etc at lower depth with suction and delivery pipes for pumping out water at found at carious depth from trench including the cost of erection and dismantling after completion of the job Hire charges of pumping set of upto 10-HP Pumping and out water from 10 ft deep trench. | 30 Days |  |  | P/Day |  |
| 3. | Labour taken for taking out old existing pipe from trenches than cleaning of pipe & Re-laying of pipe after cleaning.  i)Labour for taking out  ii)Labour for Cleaning  iii)Labour for Re-laying  iv)Fitters | 12 Labour  10 Labour  14 Labour  04 Fitter |  |  | P/Labour  P/Labour  P/Labour  P/Fitter |  |
| 4. | Repair of leaking joints on A.C Pipe of various diameters including the cost of rubber tube labour/mistary, sand, cement, jute/spurn yarn etc complete.  04” dia  06” dia  08” dia | 20 Nos.  20Nos.  10 Nos. |  |  | Each  Each  Each |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5. | Repair of leakages on PRCC pipe line main external vatta on various diameters. includes the cost of excavation, labour, sealing material, gunny bages, de-watering and refilling of the excavated stuff etc complete.  12” dia water pipe line  18” dia water pipe line  24” dia water pipe line | | 25 Nos.  10 Nos.  05 No. | |  | |  | | Each  Each  Each |  |
| 6. | Manufacturing providing fixing stenless steel spindle and gun matel nut for S/Valve i/c etc complete.  06” dia  08” dia  12” dia  18” dia  24” dia | | 06 Nos.  04 Nos.  06 Nos.  03 Nos.  01 No. | |  | |  | | Each  Each  Each  Each  Each |  |
| 7. | Refilling of excavated stuff in trenches 6” thick layer i/c watering ramming to full compaction etc complete | 31273.54 Cft | |  | |  | | %0Cft | |  |

Total Amount Rs.\_\_\_\_\_\_\_\_\_\_/=

Executive Engineer (Water)

North Karachi, KW&SB

NOTE:- Contractor will abide all existing rules / terms & condition of SPPRA Rules-2010

I/We hereby Quoted an Amount of Rs..\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ On item rate basis.

In wards(\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)

Signature of Contractor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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