**SCHEDULE “B”**

NAME OF WORK: - **M.S CROSSING I/C REPAIR OF TRUNK MAIN I/C LEAKAGES FOR WATER SUPPLY SCHEME BULRI SHAH KARIM DISTRICT TANDO MUHAMMAD KHAN.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1.** | Excavation for pipe line en trenches, pits in soft soil i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth with a one chain as directed by Engineer In charge, providing fence guards, lights, flange and temporary crossing for non vehicular traffic where ever required lift upto 5ft: (1.52m) and lead upto 1 chain (30.5m) (PHSI.NO: 1 P/62). | 6998.75 | Rs:-3600.0 | P:%oCft: | Rs:- 25196/- |
| **2.** | Providing laying Upvc pipes of class ‘B’ and fixing in trench i/c cutting fitting and jointing with Z JOINTS with one R/R i/c testing with watertoa head of 61 meter or 200 ft (P.H.S.I No: D 91 P/19)  10” dia  8” dia  6” dia  4” dia  3” dia | 50.0  300.0  170.0  260.0  150.0 | Rs:-721  Rs:-402  Rs:-262  Rs:-137  Rs:-90 | P:%oRft:  P:%oRft  P:%oRft  P:%oRft  P:%oRft | Rs:- 36050/-  Rs:- 120600/-  Rs:- 44540/-  Rs:- 35620/-  Rs:- 13500/- |
| **3.** | One pair of F.C rubber rings for uPVC pressure pipe “B” Class (comet joint) (Sch. Of (M) 1/7 P-5).  10” dia  8” dia  6” dia  4” dia  3” dia | 4.0  150.0  10.0  13.0  8.0 | Rs:-196  Rs:-161  Rs:-129  Rs:-95  Rs:-56 | P:%oRft:  P:%oRft  P:%oRft  P:%oRft  P:%oRft | Rs:- 784/-  Rs:- 24150/-  Rs:- 1290/-  Rs:- 1235/-  Rs:- 448/- |
| **4.** | C.I specials for PVC pipe (Standard) weight for A.C.I.L ‘D’ Class (Sch: of (M) 1 P-59)  4” dia  3” dia  4” dia  6” dia  12” dia  **Reducers**  **4x3”**  **12x8”**  **12x3”** | 1.0  1.0  1.0  1.0  1.0  1.0  1.0  1.0 | Rs:-893.75  Rs:-650.00  Rs:-956.25  Rs:-1375.00  Rs:-3500  Rs:-3500  Rs:-3500  Rs:-3500 | P:%oRft:  P:%oRft  P:%oRft  P:%oRft  P:%oRft  P:%oRft  P:%oRft  P:%oRft | Rs:- 894/-  Rs:- 650/-  Rs:- 956/-  Rs:- 1375/-  Rs:- 3500/-  Rs:- 3500/-  Rs:- 3500/-  Rs:- 3500/- |
| **5.** | M/S pipe made out of (3/16” thick) M.S sheet i/c cutting bending folding to correct curvature as  8” dia  6” dia | 1.0  1.0 | Rs:-3500  Rs:-3500 | P:%oRft  P:%oRft | Rs:- 3500/-  Rs:- 3500/- |
| **6.** | M.S Flanged  8” dia  6” dia | 26 Nos  4 Nos | Rs:-1000.49  Rs:-596.75 | Each  Each | Rs:- 26013/-  Rs:- 2387/- |
| **7.** | C.I tapper with flange ends with holes i/c turning & facing of flange for all size (P.H.S.I No:8 P-11). | 3.92 | Rs:-6096 | P:Cwt: | Rs:- 23896/- |
| **8.** | Giboult joint (SCH. PF (m) 1/14 p/16).  8” dia  10” dia  12” dia | 12.0 Nos  9.0 Nos  7.0 Nos | Rs:-1381.25  Rs:-2356.25  Rs:-2681.25 | P:Joint:  P:Joint  P:Joint | Rs:- 894/-  Rs:- 650/-  Rs:- 956/- |
| **9.** | C.I bend with flange specials inside the trenches i/c supplying rubber packing of required thickness nut bolts etc complete (SMI No. 1 P/41). | 6.42 | Rs:-6096 | P.cwt | Rs:- 39136/- |
| **10.** | Fire hyderent tee (screwed out (SMI No.10 P/11) | 2 Nos | Rs:1375 | Each | Rs:2750/- |
| **11.** | Jointing C.I/M.S flanged piped & special flanged & inside trenches i/c supplying rubber packing of the required thickness nuts & bolts testing etc & other tools requiring for jointing and testing the jints to the specified pressure etc complete (P.H.S.I No: MP P/40)  12” dia  10” dia  8” dia | 7.0 Nos  13.0 Nos  16.0 Nos | Rs:-2239.0  Rs:-1576.0  Rs:-940.0 | P:Joint:  P:Joint  P:Joint | Rs:15673/-  Rs:20488/-  Rs:15040/- |
| **12.** | Supplying foot valve | 2 Nos | Rs:893.75 | Each | Rs:1788/- |
| **13.** | Providing G.I Pipe and specials etc i/c fixing cutting folding complete wit hthe cost of cutting bends upto 2-1/2 refilling watering ramming. | 150.0 | Rs:64.88 | P.Rft | Rs:9732/- |
| **14.** | Providing main or sub-main PVC insulated size 3/7/64 (10mm) capacity conductor 1” dia PVC conduct on surface (ESI No.2 P/1) | 30.0 | Rs:892 | P.M | Rs:26760/- |
| **15.** | Full hire charges of pumping set per day inclusive of wages of driver & Assitant fuel or electric energy plate form required for placing pumps etc at lower depth with suction & delievery pipes for pumping out water found at various depth from tranches i/c the cost of erection & dismantling after completion of the job.   1. Hire charges of pumping set of upto 10 BHP pumping out water from 10ft deep trench (PHSI No.23 P/18). 2. For pumping set upto 10 BHP | 30 D  166 H | Rs:1500.0  Rs:250.0 | P.Day  P.Hour | Rs:45000/-  Rs:41500/- |
| **16.** | Cutting and removing with in 100ft from 2ft to 6ft girth (GSI No.2/b P/95). | 6 Nos | Rs:1043.63 | Each | Rs:6262/- |
| **17.** | Uproating stamp removing with in 100ft from 2ft to 6ft girth (GSI No.3 P/95). | 21 Nos | Rs:605.0 | Each | Rs:12705 |
| **18.** | Refilling the excavated stuff in tranches 6” thick layers including watering ramming to full compaction etc complete (PHSI No.24 P/77). | 5084.10 | Rs:2760 | P:%oCft: | Rs:14032/- |
| **19.** | Repair of leaking joints on A.C pipes of various diameters i/c the cost of rubber to be labout/Mistry sand cement joint /spam yarn etc complete rising 4”dia (CI No.12 P/13).  3” dia  4” dia  6” dia  8” dia  12” dia | 30.0  25.0  15.0  10.0  12.0 | Rs:-301.0  Rs:-396.0  Rs:-515.0  Rs:-693.0  Rs:-957.0 | P:%oRft:  P:%oRft  P:%oRft  P:%oRft  P:%oRft | Rs:- 9030/-  Rs:- 9900/-  Rs:- 7725/-  Rs:- 6930/-  Rs:- 11484/- |
| **20.** | Repair of transformer i/c rewinding of 3 Nos coil of transformer and replacement of the old transformer coil by new cartage from site to work shop. Rate approved in water supply scheme Nabi Bux Mahger District Badin DB/513 dt:26-02-2011. | 1 Nos | Rs:66800.0 | Each | Rs:66800/- |
|  | **Total Rs:** | | | | **924960/-** |

**TERMS AND CONDITIONS**

1. The rates should be inclusive of all taxes i,e sale tax,octori,royalities etc if any.
2. No separate carriage will be allowed to the Firm/Contractor.
3. No premium will be allowed on Non schedule items.
4. The testing of work will be arranged by the Firm/Contractor at his own cost. No separate payment will be made.
5. Sweet water will be used in construction work.
6. Any error or omission in the specification item will be governed by the relevant specification & schedule of rates.

CONTRACTOR/FIRM EXECUTIVE ENGINEER

PUBLIC HEALTH ENGG. DIVISION,

TANDO MUHAMMAD KHAN.