**SHEDULE ‘‘B”**

**Name of work: - repair of surface drains, i/c disposal works & pumping machinery for o/m rural drainage scheme jinhan soomro district tando muhammad khan.**

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| **S.NO** | **ITEM** | **QUANTITIY** | **RATE** | **UNIT** | **AMOUNT** |
|  | **GROUP-A REPAIR OF SURFACE DRAINS** | | | | |
| 1. | Earth work excavation in ashes, sand soft soil or silt clearance undressed lead upto 50’ ft: (GSI No-1 P/1) | 4473.58 | Rs:-1663/75 | P.%o Cft | Rs:-7443/- |
| 2. | Extra for wet earth work (G S I No:15 P/3) | 4473.58 | Rs:-1058.75 | P.%o Cft | Rs:-4736/- |
| 3. | Dismantling brick work in lime or Cement morter (G.S.I No.13 P/3) | 476.25 | Rs:-1285.63 | P.%o Cft | Rs:-6123/- |
| 4. | Dismantling of cement reinforced separating reinforcement cleaning and straitening the same (GSI No.20 P/11). | 270.0 | Rs:5445.00 | P.%o Cft | Rs:-14702/- |
| 5. | Extra of every 50 ft: additional lead of part therof (a) for earth work soft ordinary hard and very hard) (Car.S.I.No:8 P/2). | 5219.83 | Rs:-2821.84 | P.%o Cft | Rs:-14730/- |
| 6. | Pucca brik work in foundation and plinth in cement morter 1:6 (G.S.I. No:4(I) P/3. | 1186.50 | Rs:-11948.36 | P.%o Cft | Rs:-141767/- |
| 7. | Construction of standard open drain cunette block of cement concrete (1:2:4) in situ to the design profile i/c cost of mould as per drawing i/c applying of floating coats of cement 1/32 thick to exposed face finished smooth curring etc complete as per detailed drawing (P.H.S.I No: D(1) P/58).  Old drain  New drain | 600.00  100.00 | Rs:-94.00  Rs:-174.00 | P.%o Rft  P.%o Rft | Rs:-56400/-  Rs:-17400/- |
| 8. | Cement plaster 1:4 upto 12” height ½” thick (G.S.I. No:11 (b) P/57). | 2432.00 | Rs:-2283.93 | P.%o Sft | Rs:-55545/- |
| 9 | RCC work i/c all labour & material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also i/c all kinds of forms would lifting shuttering i/c screening and washing of single (a) RC work in roof slab beams columns rats lintels and other, structure members laid in site in all respect ratio (1:2:4) (GSI.NO; 6 P/18). | 130.49 | Rs:337.0 | P.%o Cft | Rs:-43973/- |
| 10. | Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire (also includes removal rust from bars) (GSI.NO; 8 P/17). | 4.660 | Rs:5001.70 | P. CWT | Rs:-23309/- |
|  | **TOTAL RS:** | | | | **386129/-** |
|  | **GROUP-B REPAIR PUMPING MACHINERY** | | | | |
| 1. | Repair of sullage pump size 2-1/2”x 3” throughing and polishing main shaft and changing of ball bearing impeller brining the same in working condition i/c removing and testing i/c refixing at site etc complete. | 1.0 | Rs:-10000.0 | Each | Rs:-10000/- |
| 2. | Repair of Diesel Engine Rate Approved. | 1.0 | Rs:-10000.0 | P.Set | Rs:-10000/- |
| 3. | C.I bend with flange specials inside the trenches i/c supplying rubber packing of required thickness nuts bolts etc complete (SMI No I P/41). | 0.21 | Rs:6096.00 | P Rft | Rs:1280/- |
| 4. | Rewinding of Electric Motor 3Phase 400/440 volts 50 cycle with best quality insolated copper wire of required guage including testing on load with satisfactory result upto one week’s time opening and refiting and replacing the bolts if necessary excluding the cost of worn out material. (GSI No97 P/109). | 1.00 | Rs:10599.00 | Each | Rs:10599/- |
| 5 | Manufacturing and installing M.S pipe 4” dia made out M.S sheet 3/6” thick cutting folding to curvature and shape i/c welding etc complete (PHSI No 40 P/31) | 16.00 | Rs:-506.60 | P.Rft | Rs:-8106- |
| 6 | Manufacturing and installing M.S pipe 4” dia made out M.S sheet 3/6” thick cutting folding to curvature and shape i/c welding etc complete (PHSI No 40 P/31) | 2.00 | Rs:-596.75 | Each | Rs:-1194/- |
| 7. | Supplying of sluice valve C.I heav pattern test pressure 21.0 kg cm or 300 lbs/inch (SMI No 22 P/8) | 1.00 | Rs:5460.00 | Each | Rs:5460/- |
| 8. | M/S pipe 6” dia 3/16 (PHSI NO 22 P/8). | 12.00 | Rs:-749.59 | P.Rft | Rs:-8995/- |
| 9. | Supplying and installing motor control unit (MCU) Siemens R.A approved by Superintending Engineer vide letter No 1049 dt:23-04-2010 | 1.00 | Rs:-38267.00 | Each | Rs:-38267/- |
| 10. | M.S flanged 6” dia 3/8 | 2.00 | Rs:-804.56 | Each | Rs:-1609/- |
| 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)  4” dia  6” dia | 4.00 | Rs:513.00 | Each | Rs:2052/- |
| 12 | Repair of leaking joints on A.C pipe of carious diameters i/c the cost of rubber to be labout/mistry sand cement joint /spasm yarn etc complete rising 4” dia (CI No 12 P/13). | 5.00 | Rs:396.00 | Each | Rs:1980/- |
| 13 | Providing main or sub-main PVC insulated size 3/7/64 (10mm) capacity vonductor 1” dia PVC conduct on surface (ESI No.2 P/1). | 10.00 | Rs:892.00 | P.M | Rs:8920/- |
| 14 | Excavation for pipe line in trenches and pits in Soft Soils i/c trimming and dressing sides to ture alignment and shape levelling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within on chain as directed by Engineer Incharge. Providing fence guards light flangs and wherver required lift upto 5 ft and (1.52)lead upto one chain (30.50m) (P.H.S.I.NO: 1 P/60) | 350.00 Cft | Rs:3600.00 | P%oCft | Rs:1260/- |
| 15. | Providing PVC pipe of class (B) fixing in trenches i/c cutting fitting and joiting with solvent (PHSI No.I P/22 | 50.00 | Rs:137.00 | P.Rft | Rs:-6850- |
| 16 | C.I bend 90 (SDM No1 P/13). | 2.00 | Rs:650.00 | Each | Rs:1300/- |
| 17. | Air valve double acting 3”x1” (SMI No 8 P/2). | 1.00 | Rs:4000.00 | Each | Rs:4000/- |
| 18. | C.I short piece (SMI No 8 P/10) | 2.00 | Rs:375.00 | Each | Rs:750/- |
| 19. | Refilling the excavated stuf in tranches 6” thick layers i/c watering ramming full compaction etc complete (PHSI No 24 P/77). | 45.00 | Rs;2760.00 | P%oCft | Rs:124/- |
| 20 | Repair of Transformer i/c rewinding of 3 Nos coil of transformer and replacement of the old transformer coil by now cartage from site to work shop Rate approved water supply scheme Nabi Bux Magher Dsitrict Badin DB/513 dt:26-02-2011 | 1.00 | Rs:66500.00 | Each | Rs:66500/- |
|  | **TOTAL RS:** | | | | **189246/-** |

**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.