**SCHEDUEL “B”**

**FOR PROVIDING LAYING JOINTING AND TESTING RCC SEWER PIPE OF ASTM 12” DIA & 15” DIA I/C RCC CIRCULAR MAIN HOLE AND PROVIDING LAYING JOINTING AND TESTING PVC PRESSURE PIPE RISING MAIN 6” DIA FOR REHABILITATION OF URBAN DRAINAGE SCHEME JHOL DISTRICT SANGHAR**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.# | Description | Qty | Rate | Unit | Amount |

**PART-A RCC SEWER**

1. Dismantling and removing road metaling.9G.S.I.No: 51,P-14).

400.0 Cft. Rs.605/- P% Cft. Rs. 2420/-

2. Excavation for pipeline in trenches pits in Soft soil i/c trimming 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 within one chain as directed by Engineer in charge providing fence guards lights, flages and temporary crossing For non-vehicular traffic whereever required lift up to 5’ and lead up to one chain (P.H.S.I.No: 1,P/46).

0’-3’ Depth.

9000.0 Cft. Rs.3600/- P%0Cft. Rs. 32400/-

3. Excavation for pipeline in trenches pits in Wet soil i/c trimming 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 within one chain as directed by Engineer in charge providing fence guards lights, flages and temporary crossing For non-vehicular traffic whereever required lift up to 5’ and lead up to one chain (P.H.S.I.No: 15,P/49).

0’-5’depth.

**57**00.0 Cft. Rs.5400/- P%0Cft. Rs. 30780/-

4. Excavation for pipe line in trenches pits in Slushy or Daldaly Soil i/c trimming 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 within one chain as directed by Engineer in charge providing fence guards lights, flags and temporary crossing For non vehicular traffic where-ever required lift up to 5’ and lead up to one chain (P.H.S.I.No:15,P/49).

5’-8’ Depth.

**2**000.0 Cft. Rs.10800/- P%0Cft. Rs. 21600/-

5. Bailing or pumping out sub soil water during excavation concreting cost in situ concrete or masonry work in foundation etc.(P.H.S.I.No:18,(I)P-52).

4000.0 Cft. Rs.543/- P% Cft. Rs. 21720/-

6. Excavation in foundation of building bridges and other structure i/c dag belling With dressing refilling around structure excavated earth watering and ramming Lead up to one chain and lift up to 5’ (G.S.I.No: 18(b) P/4).

2503.97 Cft. Rs.3176/25 P%0Cft. Rs. 7953/-

7. Providing and fixing /driving Open timbering to trenches for depth up to 10 feet (P.H.S.I.No:21,P-53).

500.0 Cft. Rs.8340/- P% Sft. Rs. 41700/-

8. Providing RCC pipes of ASTM C-76-62 T/C –76-70 class II wall B and fixing in trenches i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure.(R.A Attached).

12”Dia. 1x200.0= 200.0 Rft. Rs.412/- P/Rft. Rs. 82400/-

15”Dia. 1x500.0=500.0 Rft. Rs. 515/- P/Rft. Rs. 257500/-

9”Dia. 1x100.0=100.0 Rft. Rs.229/- P/Rft. Rs.22900/-

9. Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering. Ratio 1:4:8. (G.S.I.No: 5,P/18).

331.79 Cft. Rs.11288/75 P% Cft Rs. 37455/-

***Ratio 1:2:4.***

253.08 Cft Rs.14429/25 P% Cft. Rs. 36518/-

10. Reinforcement cement concrete work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms, moulds, lifting, shuttering curring, rendering and finishing the exposed and surface (i/c screening and washing of shingle.(a) RCC work in roofs,slabs,beams, columns, rafts, lintels and other structural members laid in site or precast laid in position complete in all respect. (G.S.I.No:6,P/17).

767.07 Cft. Rs.337/- P/Cft. Rs.258503/-

11. 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 removal of rust from bars(G.S.I.No:7(b)P/20).

27.39 Cwt. Rs.5001/70 P/Cwt. Rs 136997/-

12. P/F C.I manhole cover frame i/c cost of material etc (GSI No:F P/23).

48.0 Cwt. Rs.6985/- P/Cwt. Rs.335280/-

13. Small iron works such as gusset plate knees bend erection in position (GSI No:2,P/96).

6.51 Cwt. Rs.6420/61 P/Cwt. Rs.41798/-

14. Erection & fitting in position of iron trusses stages of water tank etc. (PHSI No: 3 P/96)

6.51 Cwt. Rs.41/77 P/Cwt. Rs 272/-

15. Pacca brick work in foundation & plinth cement sand mortar Ratio (1:6)

(GSI No: 4, P-25).

180.0 Cft. Rs: 11948/36 P% Cft. Rs. 21507/-

16. Cement plaster (1:4) up to 20 ft: height ½” thick.(GSI No: 11 P-55.)

200.0 Sft. Rs: 2283/93 P% Sft. Rs.4568/-

17. Refilling the excavated stuff in trenches in 6” thick layers i/c watering and ramming to full compaction etc complete (PHSI No: 24,P-53).

15390.0 Cft. Rs.2760/- P%0Cft. Rs. 42476/-

18. C.I Foot Step. (R.A Approved).

1x 12=12 Nos: Rs.181/65 Each. Rs.2180/-

Total:- Rs. 1438927/-

***PART-B PVC RISING MAIN 6” DIA***

# 1. Excavation for pipe line and reservoirs in soft soil i/c trimming and dressing sides to alignment design section/profile and shape leveling of beds of trenches to correct level and grade i/c laying of earth in 6” layers of construction of tanks and crossing and disposal of surplus excavated earth with one chain as directed by Engineer incharge providing fence guards lights flags where-ever required lift up to 5’(1.52m) lead up to one chain (30.5m)( PHSI No:1 P/60).

21500.00 Cft. @Rs. 3600/- P%0 Cft Rs. 77400/-

# 2. Excavation for pipe line and reservoirs in Wet soil i/c trimming and dressing sides to alignment design section/profile and shape leveling of beds of trenches to correct level and grade i/c laying of earth in 6” layers of construction of tanks and crossing and disposal of surplus excavated earth with one chain as directed by Engineer incharge providing fence guards lights flags where-ever required lift up to 5’(1.52m)lead up to one chain (30.5m)( PHSI No:14 P/66).

21500.00 Cft. @Rs. 5400/- P%0 Cft Rs. 116100/-

3. Providing PVC pipe of class B fixing in trenches i/ cutting fitting and jointing with solvent cement i/c testing with water to a head of 61 meter or 200’ ft (2’ Joint) (from approved manufacturing) serhed plasting( R.A approved base on (PHSI No.1 P/22)

6” dia 4300.0 Rft @Rs. 262/- P/Rft Rs. 1126600/-

4 Sluice valve 6” dia heavy pattern test pressure 21 Kg sq inch (SMI No.2 P/11) 1x1=1 Nos @Rs. 9360/- Each Rs. 9360/-

5 PVC Z Joint fitting for pressure pipe Class B (PHSI (M) No.18 P/28)

i) Bend 90 6” dia 2.0 Nos @Rs. 2212/50 Each Rs. 4425/-

ii) Tail Piece 6” dia 2.0 Nos @Rs. 618/75 Each Rs. 1238/-

iii) Gibalt joint 6” dia 4.0 Nos @Rs. 1062/50 Each Rs. 4250/-

5. Making jointing to PVC specials fitting i/c laying of specials and cot of solvent cement of required diameter and testing the joint alongwith the PVC pipe line B” C” & D” class to the specified pressure and making good to all leaky joint etc complete (PHSI NO 1 P/41)

6” dia 1x2 = 2.0 Joints @Rs. 96/- P/Joint Rs. 192/-

6. Jointing IC MS flanged pipe and specials flanged and inside a trench i/c supplying rubber pecing of the required thickness nuts bolts with washer etc and other tools required for jointing and testing the joint to the specified pressure etc complete

(PHSI No 1 P/40)

6” dia 1x2 = 2 Joints @Rs. 938/- P/Joint Rs. 1876/-

7. Providing Chamber 2 ½ x2 ½ (750x750 mm ) inside dimension 4 ½ (1372mm) deep as per approved design for sluice valve 3” to 12” dia with 18” (457mm) dia inside cost iron cover and frame fixed in RCC 1:2:4 (102 mm ) thick brick masonry walls set in 1:6 cement mortar 6” (1115 mm) thick cement concrete 1:3:6 in foundation 1” (25 mm) thick cement concrete 1:2:4 flooring ½” (12.50mm ) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing MS foot rest at every one foot beyond 2 ½ ft depth curing excavation back filling and disposal of surplus earth etc complete (PHSI NO 1 p/49)

1x1 = 1.0 No @Rs: 18820/- Each Rs. 18820/-

8. Refilling the excavated stuff in trenches 6’’thick layer i/c watering ramming to full compaction etc complete(PHS I No:24 p/77).

38700.0 Cft @Rs: 2760/- P%0 Cft Rs. 106812/-

Total Rs. 1467073/-

**ABSTRACT**

**PART-A RCC SEWER Rs.** **1438927/-**

**PART-B PVC RISING MAIN Rs.1467073/-**

**Total Rs.2906000/-**

**CONDITIONS.**

1. *Any error omission in the specification quantity and unit will be governed by the relevant schedule items.*
2. *The rates should be inclusive of all taxes i.e sales tax octori tax etc.*
3. *No separate carriage will be paid to the contractor*
4. *No premium will be allowed for no-schedule items.*
5. *The decision of the Superintending Engineer, Works & Services Department Sanghar will be final and binding the parties if in any dispute.*

EXECUTIVE ENGINEER

PUBLIC HEALTH ENGG: DIVISION

SANGHAR

CONTRACTOR