**SCHEDULE “B” PROVIDING LAYING JOINTING AND TESTING PVC DISTRIBUTION SYSTEM FOR RURAL WATER SUPPLY SCHEME AALI BUGTI (KOT NAWAB) TALUKA & DISTRICT SANGHAR**

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| --- | --- | --- | --- | --- | --- |
| **S.No.** | **Item of work** | **Qty:** | **Rate** | **Unit** | **Amount** |

# 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).

42000.0 Cft. @Rs. 3600/- P%0 Cft Rs. 151200/-

# 2. Excavation for pipe line 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).

21000.0 Cft. @Rs. 5400/- P%0 Cft Rs. 113400/-

3. Providing uPVC 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. (PHSI No.1 P/22)

4” dia 3500.0 Rft @Rs. 137/- P/Rft Rs. 479500/-

3” dia 7000.0 Rft @Rs. 90/- P/Rft Rs. 630000/-

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

i) Bend 90 3” dia 10.0 Nos @Rs. 731/- Each Rs. 7310/-

ii) Bend 4” dia 1x5 = 5.0 Nos @Rs. 956/- Each Rs. 4780/-

iii) Tee 4” dia 1x4 = 4.0 Nos @Rs. 1181/- Each Rs. 4724/-

iv) Tee 3” dia 1x8 = 8.0 Nos @Rs. 900/- Each Rs. 7200/-

v) Short piece 6” dia 2.0 Nos @Rs. 618/75 Each Rs. 1238/-

vi) PVC Socket 4” dia 9.0 Nos @Rs. 1125/- Each Rs. 10125/-

vii) PVC Socket 3” dia 18.0 Nos @Rs. 405/- Each Rs. 7290/-

viii) D End plug 4” dia 03.0 Nos @Rs. 544/- Each Rs. 1632/-

ix) PVC Socket 3” dia 8.0 Nos @Rs. 382/- Each Rs. 3056/-

x) C.I Reducer

6”x4” Dia 1x2 = 2 Nos @Rs. 1866/- Each Rs. 3732/-

4”x3” Dia 1x5 = 5 Nos @Rs. 1258/- Each Rs. 6290/-

iv) Supplying C.I Sluice valve heavy pattern test pressure 21 KG sq cm or 300 Lbs

6” dia 1x1=1 Nos @Rs. 9360/- Each Rs. 9360/-

4” dia 1x3=3 Nos @Rs. 5460/- Each Rs. 16380/-

6. 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)

4” dia 9.0 Joint @Rs. 70/- P/Joint Rs. 630/-

3” dia 18.0 Joint @Rs. 59/- P/Joint Rs. 1062/-

7. 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 2.0 Joints @Rs. 938/- P/Joint Rs. 1876/-

4” dia 6.0 Joints @Rs. 513/- P/Joint Rs. 3078/-

8. 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)

2.0 Nos @Rs: 18820/- Each Rs. 37640/-

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

56700.0 Cft @Rs: 2760/- P%0 Cft Rs. 156492/-

Total Rs. 1667595/-

***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.*

1. *No premium will be allowed for non-schedule items.*
2. *The decision of the Superintending Engineer, Works & Services Department Sanghar will be final and binding the parties in any dispute.*

CONTRACTOR.

EXECUTIVE ENGINEER

PUBLIC HEALTH ENGG: DIVISION

SANGHAR