***SCHEDULE B* FOR CONSTRUCTION OF STORAGE TANKS (2 NOS) I/C SUMP WELL, COMPOUND WALL & FEEDING CHANNEL FOR URBAN WATER SUPPLY SCHEME PHASE-II JHOL CITY DISTRICT SANGHAR*.***

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

**PART-A STORAGE TANK (Size 315x200’)**

# 1. Excavation for tanks and reservoirs in soft soil i/c trimming and dressing sides to alignment design section/profile and shape levelling 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 flages where-ever required lift upto 5’(1.52m)lead upto one chain (30.5m)( PHSI No:1 P/67).

# (0-5’ Depth)

378170.0 Cft. Rs.3000/- P%0 Cft Rs. 1134510/-

# 2. Excavation for tanks 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 in charge providing fence guards lights flags where-ever required lift upto 5’(1.52m)lead upto one chain (30.5m)( PHSI No:14 P/74).

A) (0-5’ depth)

236888.43 Cft. Rs.4800/- P%0cft Rs. 1137064/-

B) (5 to 8’) Depth

4583.0 Cft Rs. 5350/- P% 0 Cft Rs. 24519/-

# 3. Excavation for pipe line and reservoirs in soft soil i/c trimming and dressing sides to alignment design section/profile and shape levelling 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 flages where-ever required lift upto 5’(1.52m) lead upto one chain (30.5m)( PHSI No:1 P/60).

2400.0 Cft. @Rs. 3600/- P%0 Cft Rs. 8640/-

# 4. Excavation for pipe line and reservoirs in Wet soil i/c trimming and dressing sides to alignment design section/profile and shape levelling 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 flages where-ever required lift upto 5’(1.52m) lead upto one chain (30.5m)( PHSI No:1 P/60).

(5-8’ depth

1600.00 Cft. @Rs. 5400/- P%0 Cft Rs. 8640/-

7. Excavation in foundation of building and other structure i/c dag belling dressing refilling around the structure with excavated earth watering and ramming lead upto one chain and lift upto 5’ (In ordinary soil) (GSI No: 18(b)P/4).

3531.0 Cft. @ Rs.3176/25 P% 0 Cft. Rs. 11215/-

8. Earth work compaction (soft ordainary soil or hard soil) laying earth in 6” layers leveling dressing and watering complete (GSI No.13(b) P-3)

68598.0 Cft @Rs. 354/- P%0 Cft Rs. 24284/-

9. Extra for every 50’ additional lead or part of tank and reservoirs for earth work (soft ordainry hard or very hard soil) (GSI no.8 (a) P-2)

551043.43 Cft @Rs. 604/68 P%0 Cft Rs. 333205/-

10. Cement concrete plain i/c placing compacting finishing curing etc complete i/c screening and washing or stone aggregate without shuttering Ratio 1:4:8 (GSI No:5 P-18) .

**Ratio 1:4:8**

61381.0 Cft. @ Rs: 11288/75 P% Cft. Rs: 6929148/-

11. Cement concrete brick or stone ballast 1 ½” to 2” guage (GSI No:4,(b)P/15).

Ratio 1:4:8.

28.35 Cft. @ Rs.9416/28 P% Cft. Rs.2670/-

12. Cement concrete plain i/c placing compacting finishing curing etc complete i/c screening and washing or stone aggregate without shuttering Ratio 1:4:8 (GSI No:5 P-16) .

**Ratio 1:2:4**

8.00 Cft @ Rs. 14429/25 P% Cft Rs. 1154/-

**Ratio 1:3:6**

28851.0 Cft @ Rs. 12595/- P% Cft Rs. 3633783/-

13. Brick lining 9”x4”-1/2”x 3” in (1:6) cement sand mortar (GSI NO.8 P/95)

9611.34 Cft. @ Rs. 13163/40 P% Cft. Rs. 1265179/-

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3343.87 Cft. @ Rs. 12519/07 P% Cft. Rs. 418622/-

14. Pacca brick work in foundation and plinth in cement sand mortar (1:6) (GSI No:4(e)P/20)

5543.0 Cft. @ Rs.11948/36 P% Cft. Rs. 662298/-

15. RCC work i/c all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperatly. This rate also includes all kinds of forms mould lifting shuttering curring rendering and finishing the exposed surface (i/c screening and washing of shingle)a RCC work in roofs slabs beams columns rafts lintels and other structural members laid in situ or precast liad in position complete the all respect (I) Ratio 1:2:4 90 lbs cement 2cft sand 4 cft shingle 1/8” to ¼”guage.(GSI No: 6 (a) P-17).

207.0 Cft. @ Rs: 337/- P/Cft. Rs: 69759/-

16. Fabrication of mild steel reinforcement cement concrete i/c cutting bending

laying in position and fastening i/c cost of binding wire etc.(GSI No:8(b)P-17)

8.31 Cwt. @ Rs: 5001/70 P/Cwt. Rs: 41564/-

17. Cement plaster (1:6) upto 12’ height ½” thick.(GSI No:13(b)P/52).

13517.0 Sft @ Rs: 2206/60 P% Sft Rs: 298266/-

18. Cement plaster (1:4) upto 12’ height 3/8” thick.(GSI No:11(a)P/52).

13517.0 Sft @ Rs: 2197/52 P% Sft Rs: 297039/-

19. Providing laying jointing and testing ASTM pipe B Class cutting fitting and jointing with rubber ring i/c testing with water to a head of 183 meter or 600 ft (PHSI NO.2 P/17)

18” dia 1x80.0 Rft @Rs.618/- P/Rft Rs. 49440/-

20. C.I Sluice valve heavy pattern test pressure 300 lbs/sq inch) imported special C.I fitting (SMI No. 2 P/ 12).

18” Dia 2 Nos @Rs. 110700/- Each Rs.221400/-

21. Supplying CI Tail piece with one ans socket at the other end (SOMI NO.9 P/16)

18” dia 2x2 = 4.0 Nos

4 Nos @Rs. 8287/50 Each Rs. 33150/-

22 Jointing C.I/M.S flanged pipe and specials flanged and inside a treanche i/c Supplying rubber packing of the required thickness nuts bolts with washers Etc and other tools required for jointing and testing the joints to the specified Pressure etc complete.(p.h.s.i.no:1 p/40).

18” Dia 4.0 Joint @Rs. 3456/- P/Joint Rs. 13824/-

23. Providing fixing CI Main hole cover and frame i/c cost of material etc (PHSI No.1 P 35)

2.0 Cwt @Rs. 6985/- P/Cwt Rs. 13970/-

24. Refilling the excavated stuff in trenches in 6” thick layers i/c watering and Ramming to full compaction etc complete. (P.H.S.I.NO:24 P/53).

3600.0 Cft @Rs. 2760/- P%0 Cft Rs.9936/-

25. Cement pointing struck joints on walls(1:3)(GSI NO:19(a)p/59

25848.60 Sft @ Rs: 1213/58 P% Sft Rs: 313698/-

Total:- Rs. 16956977/-

**PART – B COMPOUND WALL.**

1. Excavation in foundation of building and other structure i/c dag belling dressing

refilling around the structure with excavated earth watering and ramming lead

up to one chain and lift up to 5’ (In ordinary soil) (GSI No: 18(b)P/5).

5969.06 Cft. Rs.3176/25 P% 0 Cft. Rs. 18959/-

2. Cement concrete brick or stone ballast ratio 1:4:8.. (GSI No 4 P/ 15 )

1193.81 Cft Rs.9416/28 P% Cft Rs. 112412/-

3. Errection and removal of centering for R.C.C or plain cement concrete work

Of partal wood vertical (G.S.I.NO:19 P/18).

11095.0 Sft Rs.3127/41 P% Sft Rs.346986/-

4. Cement concrete plain i/c placing compacting finishing curing etc complete i/c screening and washing of stone aggregate with out shuttering

(Ratio 1:3:6)(GSI No: 5 P/16 )

5547.50 Cft Rs.12595/- P% Cft Rs.698708/-

5. Pucca brick work in other than Building in cement sand mortar ratio 1:6)

(GSI No:7 P/22)

2721.0 Cft Rs:12346/65 P% Cft Rs: 335954/-

6 RCC 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 mould lifting shuttering curing rendering and finishing the exposed surface (i/c screening and washing of shingle)a RCC work in roofs slabs beams columns rafts lintels and other structural members laid in situ or pre cast laid in position complete the all respect (I) Ratio 1:2:4 90 lbs. cement 2cft sand 4 Cft shingle 1/8” to ¼”guage.(GSI No: 6 (a) P-17)

58.31 Cft. Rs: 337/- P/Cft. Rs. 19650/-

7. Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position and fastening i/c cost of binding wire etc.(GSI No:8(b)P-17)

2.34 Cwt. Rs: 5001/70 P/Cwt. Rs. 11704/-

8. S/F steel grated door complete with locking arrangement angle iron frame

2”x2”x1 1/8” and 3/4:” sq bars 4” centre to centre . (G.S.I.NO:26 P/97)

72.0 Sft Rs.726/72 P/ Sft Rs.52324/-

9. Cement plaster (1:4) upto 12’ height ½” thick.(GSI No:13(b)P/52).

8895.0 Sft Rs.2283/93 P% Sft Rs. 203156/-

10. Cement pointing struck joints on walls(1:3)(GSI NO:19(a)p/59)

5548.0 Sft RS.1213/58 P% Sft RS.67329/-

11. Rough cost stucco cement plaster ¾” thic in preparation 1:1 ½” in cement sand & bajri in pattern (GSI NO. 32 P/55)

4755.0 Sft Rs.2306/10 P% Sft Rs. 109655/-

12. PAINTING NEW SURFACE.

Preparing surface and painting of door and window of any Type i/c edges three coats (GSI No:5 P/69).

144.00 Sft Rs:2116/41 P% Sft Rs:3048/-

13. White washing three coats (GSI No:26,P/54).

8895.0 Sft Rs. 829/95 P% Sft Rs. 73824/-

14. Color washing two coats (GSI No:25,P/54)

5548.0 Sft Rs:859/90 P% Sft Rs: 47707/-

Rs.2101414/-

**PART – C FEEDING CHANNEL**

1. Excavation in foundation of building and other structure i/c dag belling dressing

refilling around the structure with excavated earth watering and ramming lead

up to one chain and lift up to 5’ (In ordinary soil) (GSI No: 18(b)P/9).

12000.0 Cft. Rs.3176/25 P% 0 Cft. Rs. 38115/-

2. Cement concrete plain i/c placing compacting finishing curing etc complete i/c screening and washing of stone aggregate with out shuttering (GSI No: 5 P/16 )

1. **Ratio 1:4:8)**

1. Cft Rs.11288/75 P% Cft Rs. 223517/-

**(B-Ratio 1:2:4)**

750.0 Cft Rs.14429/25 P% Cft Rs. 108219/-

3. Pucca brick work in foundation and plinth in cement sand mortar (1:6) (GSI No. 4 P/20 )

8250.0 Cft Rs. 11948/36 P% Cft Rs. 985740/-

4. Cement plaster 1:4 upto ½” thick (GSI NO. 11 (b) P/ 52 )

16000.0 Sft Rs.2283/93 P% Sft Rs. 365429/-

5. RCC 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 mould lifting shuttering curing rendering and finishing the exposed surface (i/c screening and washing of shingle)a RCC work in roofs slabs beams columns rafts lintels and other structural members laid in situ or pre cast laid in position complete the all respect (I) Ratio 1:2:4 90 lbs. cement 2cft sand 4 Cft shingle 1/8” to ¼”guage.(GSI No: 6 (a) P-17)

81.0 Cft. Rs: 337/- P/Cft. Rs. 27297/-

6. Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position and fastening i/c cost of binding wire etc.(GSI No:7(b)P-19)

3.25 Cwt. Rs: 5001/70 P/Cwt. Rs. 16256/-

Total Rs. 1764573/-

**ABSTRACT**

**Part-A Storage tanks Rs. 16956977/-**

**Part-B Compound wall Rs. 2101414/-**

**Part-C Feeding Channel Rs. 1764573/-**

**Total Rs. 20822964/-**

**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, Public Health Engineering Circle Mirpurkhas will be final and binding the parties if in any dispute.

EXECUTIVE ENGINEER

PUBLIC HEALTH ENGG: DIVISION

SANGHAR