**SCHEDULE ‘B’.**

**NAME OF WORK :- PROVIDING LAYING MJOINTING & TESTING**

**RCC ASTM WEWER 12”DIA LINE & C.C**

**PAVEMENT FOR RURAL DRAINAGE SCHEME**

**MOACH GOTH DISTRICT WEST KARACHI.**

**HEAD OF A/C:= ----------------------------------------------------------------------**

|  |  |  |  |  |  |
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| **S.NO.** | **DESCRIPTION.** | **QTY:** | **RATE** | **UNIT.** | **AMOUNT.** |

**PART- A SEWSER LINE 12” DIA.**

01. Excavation for pipe line in trenches and pits in all kinds of soil of murum i/c trimming and dressing side 10, true alignment and shape leveling of besd of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineering in charge, providing fence guards, light, and temporary crossing for non vehicular traffic where ever required lift upto 5 ft. (1.52m) and lead upto one chain 30.5m) (PHSI No. 5 P/47).

**0’ – 5’ depth**

12” dia . 22400.00 Cft. @ Rs. 4650/- P%oCft. Rs. 104160/-

02. Excavation for pipe line in soft rock i/c trimming and dressing side 10, true alignment and shape leveling of besd of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineering in charge, providing fence guards, light, and temporary crossing for non vehicular traffic where ever required lift upto 5 ft. (1.52m) and lead upto one chain 30.5m) (PHSI No. 5 P/47).

**5’ – 8’ depth 12” Dia.**

14000.00 Cft. @ Rs. 11320/- P%oCft. Rs. 158480/-

03. Providing laying jointing & testing ASTM – Sewer C-76-70 Class II wall B fixing in trenches i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure (P.H.S.I. No. 1 (b) Page No. 17).

12” dia

1600.00 Rft. @ Rs. 412/- P.Rft. Rs.659200/-

04. Refilling the excavated stuff and trenches 6” thick layers including water, ramming and full compaction etc. complete (PHSI No. 24 P/77).

32760.00 Cft. @ Rs. 2760/- P%oCft. Rs. 90418/-

05. Excavation for foundation or building bridge and other structure including leveling dressing refilling around the structure with excavated earth ramming lead upto 5(c) in hard soil or soft murum (G.S Item No. 18 P/4).

12” dia

6994.00 Cft. @ Rs. 3554/38 P%oCft. Rs. 24859/-

06. Rehandling of earth work (A) lead upt a single throw Kassi phawrah or a showel upto (B) upto a lead upto 50 ft. (GS No. 9 P/2).

6994.00 Cft. @ Rs. 1058/75 P%oCft. Rs. 7405/-

07. Cement concrete plain i/c placing compacting finishing and curing complete i/c Screening & washing of stone aggregate w/o shuttering (GSI No. No. 5 (a) P/15 )Ratio 1:4:8

**(A) C.C Plain 1:4:8 12”dia**

466.29 Cft. @ Rs. 11288/75 P%Cft. Rs. 52638/-

**(B) RATIO 1:2:4 CHANNEL**

12” dia

368.00 Cft. @ Rs. 14429/25 P%Cft. Rs. 53099/-

08. Reinforcement cement concrete work i/c all labour and material expect the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rates also include all kinds of forms module, lifting shuttering and finishing the expose surface (including screening and washing of stone aggregate (a) R.C.C. work in roof slab, beams columns rafts, lintels, and other structural member laid in situ or precast laid in position complete in all respect (G.S Item No. 6 P/16).

**RATIO 1:2:4 (M/H)**

2490.68 Cft. @ Rs. 337/- P.Cft. Rs.839359/-

09. Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position making joints and fastening including cost of binding wire also i/c removal of dust from bars (G.S Item No. 8ii P/16).

100.07 Cwt. @ Rs. 5001/70 P.Cwt. Rs.500520/-

10. Providing C.I. manhole cover with frame i/c cost of material etc. (PHSI No. F-1 P/23).

49.50 Cwt. @ Rs. 6985/- P.Cwt. Rs.345758/-

11. Manufacturing and supply RCC Manhole covers cast in 1:2:4 concrete ratio 3” inch deep at center reinforced with 3/8” dia for steel bars at 4” c/c welded to 1/8” thick 2.5 inch deep M.S plate i/c curing stacking and transportation with in miles (R.A) based on schedule.

New M/H Cover. 39.00 Nos. @ Rs. 1881/18 Each Rs. 73366/-

12. Cleaning of underground Sewer by Mechanical or manual method taking out waste sold etc. and disposing off with one chain etc. complete (without cartage) (PHSI No. 2 Page No. 59).

24” dia 10550.40 cft. @ Rs. 56/30 P.Cft. **Rs. 593988/-**

**Total Rs.4097328/-**

**CONDITION**

1. **Any error and emission in the description quantity rate unit will be governed by the revenant schedule of rate estimate.**
2. **The rate quoted by the contractor will be inclusive of transportation charges upto site work.**
3. **No premium will be allowed Non schedule items.**
4. **No Separate carriage will be paid to contractor.**
5. **The premium should be inclusive of all the taxes i/c series i/c etc.**
6. **The contractor will not be allowed to withdraw their tender or ask to refund call deposit for the period from one month to three months.**

**Executive Engineer**

**(CONTRACTOR) Public Health Engineering**

**Division Karachi**

**SCHEDULE B’.**

**NAME OF WORK P/L/J/ & TESTING RCC ASTM SEWER 12 DIA**

**LINE & CC PAVEMENT FOR R/D/SCHEME**

**MOACH GOTH DISTTA: WEST KARACHI.**

**HEAD OF A/C: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **S.NO.** | **DESCRIPTION** | **QTY:** | **RATE.** | **UNIT.** | **AMOUNT.** |

**PART-B CEMENT CONCRETE PAVEMENT WORK**

1. Excavation in Foundation of Building brides and other structures including dag belling dressing refilling around structure with excavated earth watering and ramming lead up to 5ft: (C) in head soil or soft murum (GSI No. (18-B) Page No. 5).

40200.0 Cft. @ Rs. 3176/25 P%oCft. Rs. 127685/-

2. Barrow pit excavation undressed lead upto 100ft. (ordinary soil)

(GSI No. 3 Page No. 1)

40200.0 @ Rs. 2117/50 P%oCft. Rs. 85124/-

3. Dressing and leveling of earth work to design section etc. complete.

(GSI No. 11 Page No. 3)

40200.0 @ 187/55 P%oCft. Rs. 7540/-

4. Earth work compaction laying in 6” layer leveling dressing and watering to full compaction (GSI No. 13/b Page No. 3)

40200.0 Cft. @ Rs. 354/- P%oCft. Rs. 14231/-

5. Providing laying Cement concrete plain including placing compacting finishing and curing complete (including screening and washing off). Stone aggregate without shuttering (GSI No. (i) P/15)

a) Ratio : 1:4:8

14874.0 Cft. @ Rs. 11288/75 P%Cft. Rs.1679089/-

b) Ratio 1:2:4 (GSI no. 5 (f) P/15).

10050.0 Cft. @ Rs. 14429/25 P%Cft. Rs.1450140/-

6. Errection and removal of centering for RCC or plain cement concrete work of partal work (2nd Class) (GSI No. 18 Page No. 21)

1062.50 sft. @ Rs. 3588/48 P.%Cft. **Rs. 38128/-**

**Total. Rs. 3401937/=**

**CONDITION**

1. **Any error and emission in the description quantity rate unit will be governed by the revenant schedule of rate estimate.**
2. **The rate quoted by the contractor will be inclusive of transportation charges upto site work.**
3. **No premium will be allowed Non schedule items.**
4. **No Separate carriage will be paid to contractor.**
5. **The premium should be inclusive of all the taxes i/c series i/c etc.**
6. **The contractor will not be allowed to withdraw their tender or ask to refund call deposit for the period from one month to three months.**

**Executive Engineer**

**(CONTRACTOR) Public Health Engineering**

**Division Karachi**