

## SCHEDULE 'B'

NAME OF WORK :

Providing, Laying, Jointing and Testing 15" & 12" dia RCC  
ASTM pipe Branch Sewer, C.C flooring & Restoration of  
Road for Haji Abdul Aziz Muhalla @Haji Gul Hassan Goth  
UC-4 Chouhar Deh Amealano Sub Division Gadap  
District Malir, Karachi.

HEAD OF ACCOUNT:-

Item of work	Qty.	Rate	Unit	Amount
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### PART - A

### R.C.C SEWER 12" DIA

- 1: Excavation for pipe line in branches and pits in all kind of soils of murum i/c trimming and dressing side to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer, In charge, providing fence guards, Lights, flange and temporary crossing for non vehicular traffic where ever required lift upto 5ft: (1.52m) and lead up to one chain (30.5m) (PHSI No.5 P/ 47).

0' - 5' depth.

8110.0 Cft

@ Rs. 4650/-

P%oCft

Rs. 3,77,115/-

5' - 8' depth.

16900.0 Cft

@ Rs. 5200/-

P%oCft

Rs. 87,880/=

2. Excavation for pipe line in trenches and pit in soft rock by hammering and chiseling where blasting is prohibited dressing sides to true alignment and shape leveling of beds of trenches to Correct level and grade, cutting, joints, holes and disposal of surplus earth Within a one chain as directed by Engineer incharge, providing fence guards Lights, flags and temporary crossing for non vehicular traffic where ever Required lift upto 5 ft. and lead upto one chain.(PHSI No. 7 Page No. 47).

5' - 8' depth.

27000.0 Cft

@ Rs. 11320/-

P%oCft

Rs. 305640/-

3. Excavation for pipe line in trenches and pit in hard rock by blasting i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to Correct level and grade, cutting, joints, holes and disposal of surplus earth Within a one chain as directed by Engineer incharge, providing fence guards Lights, flags and temporary crossing for non vehicular traffic where ever Required lift upto 5 ft.(1.52m) and lead upto one chain.(30.5 m) (PHSI No. 10 Page No. 48).

27000.0 Cft

@ Rs. 24700/-

P.%oCft

Rs. 666900/-

4. Providing R.C.C Pipe of ASTM C-76-62 T / 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 (PHSI No. P- )
- |         |               |               |         |                 |
|---------|---------------|---------------|---------|-----------------|
| 15" dia | 800.00 Rft ✓  | @ Rs. 515/- ✓ | P.Rft ✓ | Rs. 412000/- ✓  |
| 12" dia | 4400.00 Rft ✓ | @ Rs. 412/- ✓ | P.Rft ✓ | Rs. 1812800/- ✓ |
5. Refilling the excavated stuff in trenches 6" thick laterals i/c watering ramming to full Compaction.(PHSI No. 24 P/ 53).
- |  |                |               |           |                |
|--|----------------|---------------|-----------|----------------|
|  | 136800.0 Cft ✓ | @ Rs.2760/- ✓ | P%o Cft ✓ | Rs. 377568/- ✓ |
|--|----------------|---------------|-----------|----------------|
6. Excavation in foundation of building bridges and other structures including dag belling dressing refilling around structure with excavated earth watering and ramming lead up to 5ft: (C) in ordinary soil (GSI No. (18 Page No.6).
- 0' – 5' depth
- |  |                |                 |           |               |
|--|----------------|-----------------|-----------|---------------|
|  | 15401.70 Cft ✓ | @ Rs. 3554/38 ✓ | P%oCft. ✓ | Rs. 54743/- ✓ |
|--|----------------|-----------------|-----------|---------------|
- 5' – 8' depth
- |  |               |                 |           |               |
|--|---------------|-----------------|-----------|---------------|
|  | 9241.02 Cft ✓ | @ Rs. 3655/16 ✓ | P%oCft. ✓ | Rs. 33777/- ✓ |
|--|---------------|-----------------|-----------|---------------|
- 8' – 11' depth
- |  |               |                 |           |               |
|--|---------------|-----------------|-----------|---------------|
|  | 3560.76 Cft ✓ | @ Rs. 3755/94 ✓ | P%oCft. ✓ | Rs. 13374/- ✓ |
|--|---------------|-----------------|-----------|---------------|
7. Rehandling of earth work upto ~~single throw~~ <sup>a lead 50 ft.</sup> kassi-pharrah (GSI no.9 P/3)
- |  |               |                |          |                |
|--|---------------|----------------|----------|----------------|
|  | 20198.0 Cft ✓ | @Rs. 1053/75 ✓ | P%oCft ✓ | Rs. 21,385/- ✓ |
|--|---------------|----------------|----------|----------------|
8. Cement concrete plain including placing compacting finish and curring complete i/c screening & washing of stone aggregate without shuttering (GSI No. 18 P/5 ).
- Ratio 1:4:8
- |  |               |                 |          |                |
|--|---------------|-----------------|----------|----------------|
|  | 1540.17 Cft ✓ | @Rs. 11288/75 ✓ | P% Cft ✓ | Rs. 173866/- ✓ |
|--|---------------|-----------------|----------|----------------|
- (b) For C.C Ratio (1: 2: 4)
- |  |               |                  |          |                  |
|--|---------------|------------------|----------|------------------|
|  | 1230.00 Cft ✓ | @ Rs. 14429/25 ✓ | P% Cft ✓ | Rs. 1,77,480/- ✓ |
|--|---------------|------------------|----------|------------------|
9. Reinforced cement concrete work including all labour and material except the cost of still reinforcement and its labour for bending and binding which will be paid separately. This rates also includes all kind of forms mould, lifting shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle (a) R.C.C work in roof slab beams columns rafts lintels and other structural members laid in position complete in all respects (i) Ratio . (1:2:4) (GSI No.6 P/18).
- Ratio 1:2:4
- |  |              |              |         |                   |
|--|--------------|--------------|---------|-------------------|
|  | 9012.0 Cft ✓ | @Rs. 337/- ✓ | P.Cft ✓ | Rs. 30,37,044/- ✓ |
|--|--------------|--------------|---------|-------------------|



10. Fabrication of mild steel reinforcement for cement concrete the cutting bending, laying in position making and fastening i/c cost of binding wire also removal of rust from bars.(G.S.I No.7(ii)a Page No.20)

362.08 Cwt ✓ @Rs. 5001/70 ✓

P Cwt ✓

Rs.

18,11,016/-  
18,11,016/- ✓

11. Providing C.I main hole cover with frame ii cost of material etc.  
(P.H.S.I No.F-1 Page No.23)

163.50 Cwt ✓ @Rs. 6985/- ✓

P. Cwt ✓

Rs.

1142048/- ✓

12. Manufacturing and supplying RCC Main hole cover in 1:2:4 concrete ratio 3 inch deep at centre reinforcement with 3/8 " dia for steel basis at centre reinforcement with 3/8" dia for steel bass at 4; c/c welded to 1/8" thick 2.5 inches deep M.S Plate i/c curing stacking and transportation with 10 meter.(R.A.A Based on Schedule)

109 Nos. ✓ @Rs. 1881/18 ✓

Each ✓

Rs.

205049/- ✓

Total

Rs. 1,07,09,685/- ✓

## PART - B

## C.C FLOORING

- 1 Barrow pit excavation undressed lead upto 100 ft ( a) ordinary soil)  
(GSI No. 3 Page No.1).

34440.0 Cft ✓ @ Rs. 2117/50 ✓

P%oCft. ✓

Rs.

72,927/- ✓

2. Earth work compaction (soft, ordinary or hard soil) (GSI No. 13 P 3)

34440.00 Cft ✓ @ Rs. 354/00 ✓

P%oCft. ✓

Rs.

12,192/- ✓

3. Cement Concrete brick stone ballast 1" 1/2" to 2" gauge.  
(GSI No.4 P/16)

Ratio. 1:4:8:

11365.0 Cft. ✓ @Rs.9416/28 ✓

P%oCft. ✓

Rs.

10,70,160/= ✓

- 4 Cement concrete plain i/c placing compacting  
Finishing and curing complete ( i/c screening and washing of  
stone aggregate without shuttering (GSI. No. 5 P-15 )  
Ratio 1:4:8

8610.00 Cft. ✓ @ Rs. 14429/25 ✓

P%oCft. ✓

Rs.

12,42,358/= ✓

- 5 Errection & removal of centering for RCC or plain c.c works of  
Partal wood (vertical) (GSI.No. P- )

1650.00 Sft ✓ @ Rs. 3127/41 ✓

P.% Sft ✓

Rs.

51,602/- ✓

Total

Rs. 24,49,239/-  
Rs. 31,54,939/- ✓

PART - C

RESTORATION OF ROAD

1. Preparing sub-grade i/c earth excavation or filling to an average depth of 9"  
Dressing of camber & consolidation with power roller (H.W.S Item No. 9 P-12)  
11820.00 Sft ✓ @ Rs. 526/28 ✓ P%oCft. ✓ Rs. 62,206/- ✓
  2. Preparing sub base course by supplying and spreading stone metal 1"-1 1/2"  
Gauge of approved quality from approved quarry in required thickness to  
Proper camber and grade inclined hand packing, filling voids with 20 cft.  
Pit / canal sand and having plasticity index not more than 6^ suitable quality  
Watering and compacting to achieve 98-100% density as per modified  
AASHO specification. Rate i/c all cost of material. T&P and carriage up to  
Site of work.  
5910.00 Cft ✓ @ Rs. 7022/16 ✓ P%Cft. ✓ Rs. 4,15,010/= ✓
  3. Preparing base course by supplying and spreading stone metal of approved  
Quality properly graded to maximum size 1"-1 1/2" in required thickness to  
Proper camber and grade including supplying and spreading 15 cft. Screening  
& non plastic quarry fines filling depressions with stone metal after initial rolling  
i/c watering and compacting the same as to achieve 100% density as per modified  
AASHO specification. (Rate includes providing and using templates, screen, forms  
As directed) (Rate i/c all cost of material. T&P and carriage up to  
Site of work.)  
5910.00 Cft ✓ @ Rs. 7985/13 ✓ P%Cft. ✓ Rs. 4,71,921/- ✓
  4. Providing 1 1/2" thick (consolidated) premixed carpet in proper camber  
and grade i/c supplying 10 cft Crush bajri 4 cft. Hill sand of approved  
quality 67 lbs of bitumen 80/100 penetration from NOR Karach and  
mixing Mechanical mixer in required density rolling the road surface  
and dusting the finished surface with 4 cft. Hill sand per % cft i/c all  
cost of materials T&P carriage upto site of work etc complete.  
11820.00 Sft ✓ @ Rs. 5791/23 ✓ P% Cft. ✓ Rs. 6,84,523/- ✓
- Total** Rs. 16,33,660/- ✓



## GENERAL ABSTRACT OF COST

1.	15" & 12" DIA RCC. SEWER ASTM.	RS. 1,07,09,685/-
2.	C.C. FLOORING	RS. <del>31,54,939/-</del> 2449239/2
3.	RESTORATION OF ROAD.	RS. 16,33,660/-
	TOTAL	RS. <del>1,54,98,284/-</del> 1,47,92,584/2

### 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.

(CONTRACTOR)

  
Executive Engineer  
Public Health Engineering  
Division Karachi

Checked by  
  
HDM