**SCHEDULE “B”**

**NAME OF WORK:-** REHABLITATION OF RURAL WATER SUPPLY SCHEME JUMMA JOKHIO GOTH @ UC DARSANO CHANNO DISTRICT MALIR KARACHI.

**HEAD OF ACCOUNT:-** COMMUNITY SERVICE NEW SP-10 (CAPITAL) 1 108 OTHERS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S. No.** | **Description** | **Qty.** | **Rate** | **Unit** | **Amount** |

**PART-A TUBE WELL 12” DIA**

1. Bore for tube well in all water bearing soil from ground level upto 100ft. or 30.50 meter depth including sinking and with drawing of casing pipe. ( PHSI No. 1 P/41)

12” dia

100 Rft. @ Rs. 743/- P.Rft. Rs. 74300/-

2. Boring of tube well in all water bearing soil from 100-200 ft. or 30.51 to 61 meter below ground level i/c sinking and with drawing of casing pipe. ( PHSI No. 1 P/41)

100 Rft. @ Rs. 849/- P.Rft. Rs. 84900/-

3. Boring of Tube well in all water bearing soil from depth of 200-1 to 300 ft. or 61.0 to 91.50 meter below ground level including sinking and drawing of casing pipe ( PHSI No. 1 P/41)

100 Rft. @ Rs. 989/- P.Rft. Rs. 98900/-

4. Boring of tube well in all water bearing soil from depth of 300-1” to 400 ft. or 91.50 to 122 meter below ground level 1/c sinking and with drawing of casing pipe ( PHSI No. 1 P/41)

100 Rft. @ Rs. 1073/- P.Rft. Rs. 160950/-

5. Taking and preserving in box 2 lbs (1 Kg) samples of start from bore holes. (PHSI S.No. 6 Page No. 43).

45 Nos. @ Rs. 101/- Each Rs. 4545/-

6. Taking sample of water from bore holes and placing in two separate bottles.

(PHI S.No. 7 Page No. 36).

45 Nos. @ Rs. 131/- Each Rs. 5895/-

7. Supplying and installing PVC strainers (B Class) of approved design quality and make i/c necessary sockets etc. complete (PHSI No. 9 P/43).

**8” dia**

160 Rft. @Rs. 554/05 P.Rft. Rs. 88648/-

8. Supplying and installing blind pipe class “B” of best and approved design quality and make necessary sockets etc. complete (M.R).

8” dia

290 Rft. @ Rs. 516/80 P.Rft. Rs. 149872/-

9. Sounding with graval bajri (3/8” to 1/8” ) OR (9 to 3mm) in between bore and blind pipe for 8” c or stringers (PHI S.No. 13 Page No. 45).

442 Rft. @ Rs. 193/- P.Rft. Rs.85306/-

10. Plugging of joint casing and pipe with cement concrete (1:1 ½ :3)

(PHI S.No. 14 Pagew No. 45)

3.54 Rft. @ Rs. 347/- P.Rft. Rs. 1228/-

11. M.S. bail plug of approved quality (P.H.I.S. No. 8 (B) Page No. 43.

8 “dia @ 2607/- Each Rs. 2607/-

12. Providing & Fixing suspension clamps Market Rate approved by S.E.P.H.E Hyd (PHI S.No. 13c Page No. 26).

1 x 1 = 1 No. @ Rs. 350/- Each Rs. 350/-

13. Development charges of the tube well bore (Market Rate)

24 Hours @ Rs. 1546/- Per hour Rs. 37104/-

14. Testing charges of Tube well (Market Rate)

24 Hours @ Rs. 1643/- Per hour Rs. 39216/-

15. Excavation for foundation building bridges and other structures i/c dag belling dressing refilling around. The structure with excavated earth watering and ramming lead upto 5 feet. (GSI No. P- No. )

16 Cft. @ Rs. 3176/25 P%oCft. Rs. 51/-

16. Cement concrete brick or stone ballast 1 ½” to 2” gauge (GSI No. 04 P/15).

16 Sq. ft. @ Rs. 9416/28 P%Sqft. Rs. 1507/-

17. Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate w/o shuttering 1:2:4.

(GS Item No. 5 (a) Page No. 17).

48.0 Cft. @ Rs. 14429/25 P%Sqft. Rs. 6926/-

18. Errection and removal of centering R.C.C. or plain cement concrete work of deodar wood 2nd class (GS Item No. 18 (b) Page No. 21).

96 Sq. ft. @ Rs. 3127/41 P%Sqft. Rs. 3002/-

**Total Rs. 8,45,307/-**

**TEST BORE 6” DIA**

1. Mobilization of Tube well plant for construction of tube well (Approved Rate analysis).

1 x 1 = 1 Job Rs. 19580/- P.Job Rs.19580/-

2. Boring of tube well in all water bearing soil from 100 ft or 30.5 meter depth i/c sinking and with drawing of casing pipe (P.H.S. No. 1 Page No. 41).

**6” dia**

100 Rft. @ Rs. 414/- P.Rft. Rs. 41400/-

3. Boring of Tube well in all water bearing soil from depth of 100.1 to 200 ft. or 30.51 to 61 meter below ground level including sinking and drawing of casing pipe. (P.H. S.No. 2 Page No. 42).

100 Rft. @ Rs. 516/- P.Rft. Rs. 51600/-

4. Boring of tube well in all water bearing soil from depth of 200-1” to 400 ft. or 30.51 to 61 meter below ground level i/c sinking and with drawing of casing pipe (P.H. S.No. 2 Page No. 43).

100 Rft. @ Rs. 566/- P.Rft. Rs. 56600/-

5. Boring of tube well in all water bearing soil from depth of 300.1” to 400 ft. or 91.51 to 122meter below ground level i/c sinking and with drawing of casing pipe (P.H.S.No. 3 Page No. 43).

150 Rft. @ Rs. 566/- P.Rft. Rs. 84900/-

6. Providing strong substantially build wooden locked with compartments for preserving 21 lbs (1Kg sample of strates) P.H.S.I No. 5 P.No. 43).

1 Box @ Rs. 3530/- P.Box Rs. 3530/-

7. Taking and preserving in box 2 lbs (1Kg) Samples of start from bore holes (P.H.I. S. No. 6 Page No. 43).

Qty 45 Nos. @ Rs. 101/- Each Rs. 4545/-

8. Taking sample of water from bore holes and placing in two separate bottles. (P.H.I S.No. 7 Page No. 37).

Qty 45 Nos. @ Rs. 131/- Each Rs. 5895/-

9. Testing of tube well i/c hire charges of diesel engine driven air compressor 350 of (80 B.H.D) cost of lubricant labour i/c the share of cost of ring chemical analysis of water sample i/c transportation from Karachi to site work (R.A. approved by S.E. Hyd).

24 Hours @ Rs. 1643/- P.Hour Rs. 39216/-

**Total Rs. 3,07,266/-**

**PART-B SUBMERSIBLE PUMPING MACHINERY (15 BHP)**

1. Supplying and installing of submersible pump HMA complete stainless steel submersible Pumping Set 15 BHP type (3 x 400v x 50Hz x 200 Rpm Cable termination kit x 1 No. top set 2 ½” consist of Bend Sluice valve & bore plate and nipple 2 ½” dia 1 No. drop cable 3 x 16mm x 270 meter 15 BHP motors control unit of metallic box circuit breaker am – meter voltmeter, electronic over current relay, magnetic contractor under / over voltage relay (EUR) dry running protection relay indication pump sand on / off switch Riser pipe 2 ½ 25 No. motor jacket 7” dia 1 No. against the head of 450 ft. given discharge 65 gallon.

01 Set. @ Rs. 10,03,300/- P.Set Rs. 10,03,300/-

2. Manufacturing supplying and fixing M.S. Pipe made out of M.S. Sheet of 3/16 mm thick cutting folding to curvature and shape i/c welding etc. complete (R.A. based on schedule).

**3” dia**

20.00 Rft. @ Rs. 385/89 P.Rft. Rs. 7718/-

3. M.S. flange 4” dia made out BS Sheet 3/8” thick cutting drilling hole etc.

Based on Schedule

06 Nos. @ Rs. 500/89 Each Rs. 3,005/-

4. Reflex value heavy pattern (test pressure 21.0 kg / sq. or 300 lbs / sq. inch) (SMI No. 6 (b) P/10).

**3” dia**

01 No. @ Rs. 543/75 Each Rs. 1544/-

5. Sluice valve heavy pattern test pressure 300lb/sq. in (MSI No. 2 P-9) Imported

**3” dia**

1 No. @ Rs. 4290/- Each Rs. 4290/-

6. C.I. Bends with flanges ends with holes including turning and facing of flanges for all size (SMI No. 8 Page No. 13)

0.26 Cwt. @ Rs. 6096/- P.Cwt. Rs. 1585/-

7. C.I. Short Piece (SMI No. 9 Page No. 15)

**3” dia**

01 No. @ Rs. 375/- Each Rs. 375/-

8. Jointing C.I. / M.S Flanged pipes and special flanged and inside trench i/c supplying rubber packing of the required thickness nut bolts with washer etc. and other tolls required for jointing & Testing the joint to the specified pressure etc. complete (PHSI No. 40).

**3” dia**

5 Joint @ Rs. 499/- P.Joint Rs. 2495/-

**Rs. 1024312/-**

Add 10% Contractor Profit on item 7794 x 10 Rs. 779/-

**Rs. 1025091/-**

**PART-C PUMP HOUSE (10 x 12)**

01. Excavation for foundation building bridges and other structure including leveling dressing refilling around the structure with excavated earth ramming lead up to 5’ in ordinary soil (G.S. Item No. 18 ( c ) P. No. 5 ).

300.00 Cft. @ Rs. 3176/25 P.%0Cft. Rs. 953/=

02. Cement concrete brick or stone ballast 1 ½” to 2” gauge Ratio (1:4:8).

(G.S. Item No. 4 (b) P. No. 17).

117.28 Cft. @ Rs. 9416/28 P.% Cft. Rs. 11017/=

03. Errection and removal of centering R.C.C. or plain cement concrete work of Deodar wood 2nd class (Vertical) (G.S. Item No. 18/b (ii) P. No. 21).

336.00 Sft. @ Rs. 3127/41 P.% Sft. Rs. 10508/=

04. Cement concrete plain i/c placing compacting finishing and

curing complete i/c Screening & washing of stone aggregate w/o shuttering (G.S. Item No. 5 (a) P.18) RATIO. 1:3:6.

206.00 Cft. @ Rs. 12595/- P.% Cft Rs. 25946/= 05. Providing laying (1:3:6) cement concrete solid block masonry wall above 6” thickness set in (1:6) cement mortar in ground floor super structure i/c

sacking out joints & curing etc. complete.(G.S. Item No. 22 P. No. 22).

481 .00 Cft. @ Rs. 14621/44 P.% Cft. Rs. 70329/=

06. 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.7 ii (a) P.20)

4.56 Cwt. @ Rs. 5001/70 P. Cwt. Rs. 22808/=

07. Reinforcement cement concrete work i/c all labour and material except

the Cost of steel reinforcement and its labour for bending and binding

which 6will be paid separately. This rates also includes al l kinds of forms module, lifting shuttering and finishing the exposed surface ( including screening & washing of stone aggregate (a).R.C.C. work in roof slabs, 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. No. 19 ).

113.60 Cft. @ Rs. 337/- P. Cft. Rs. 38283/=

08. Filling watering and remaining earth in under floor with surplus

Earth from foundation land up to one chain and lift up to 5 ft.

(GSI. No. 22 Page No. 5).

172.00 Cft. @ Rs. 1512/50 P.%o Cft. Rs. 260/=

09. Cement plaster (1:4) upto 12’ height ½” thick.

(G.S. Item No.11 (b) Page No. 52).

1011.50 Sft. @ Rs. 2283/93 P.% Sft. Rs. 23102/=

10. Making and fixing steel grated door complete with 1/16” thick sheeting

Including angle iron frame 2x2x3/8” and 3/4'” sq: yards 4” c/c with locking

arrangement. (G.S.I. No. 24 Page No. 97).

28.00 Sft. @ Rs. 726/72 P. Sft. Rs. 20348/=

11. Fabrication of heavy steel work with angles tees, flat iron, round iron and sheet iron for making trusses….

2.03 Cwt. @ Rs. 4928/49 P. cwt. Rs. 10005/=

12. Errection and fitting in postion of iron trusses staging of water tanks etc.

(GSI No. 3 P-91).

2.03 Cwt. @ Rs. 271/04 P. cwt. Rs. 550/=

13. Supplying and fixing in position iron/ steel grill of ¾” x ¼” size flat iron of

approved design i/c painting 3 coats etc. complete (weight not to be less

than 3.7 lbs / sq. foot of finished grill ) (G.S. Item No. 26 page No. 97 )

24.00 Sft. @ Rs. 180/50 P. Sft. Rs. 4332/=

14. Providing and laying thick topping C.C. (1:2:4) including surface

Finding and dividing into panel.(GSI. No. 16( C ) Page 47) 2” thick.

120.00 Sft. @ Rs. 3275/50 P.% Sft. Rs. 3931/=

15. Preparing surface and painting of door a window in any type etc.

Door and window any type (GSI.No. 5 d Page No. 68) (3 coats) i/c edges.

104.00 Sft. @ Rs. 2116/41 P.% Sft. Rs. 1549/=

16. White washing three coats. (G.S. Item No. 26 (b) Page No. 60).

984.00 Sft . @ Rs. 416/63 P.% Sft. Rs. 4100/=

**Three Coats**

207.00 Sft. @ Rs. 829/95 P.% Sft. Rs. 1718/=

17. Colour washing two coats. (G.S. Item No. 25 (b) Page No. 60).

984.00 Sft. @ Rs. 859/90 P.% Sft. Rs. 8461/=

Total. Rs.258852/=

**PART-D CLEAR WATER TANK 30’ DIA**

1. Excavation for tank and reservoirs in all kinds of soils murum head average of soft i/c trimming and dressing side to true alignment design section portiles and shape leveling of beds of tanks to correct level and grade i/e laying of earth in 6” layer for construction of tank and dressing and disposal of surplus excavated earth with on chain and directed by Engineer, Incharge i/c providing fence guards light flag where ever required lift upto 5ft. and lead upto one chain (PHSI No. 5 page No. 69).

**i) 0 – 5 ft. depth**

4069.44 Cft @ Rs. 4050/- P%oCft Rs. 16481/-

2. Excavation for tank and reservoirs in soft rock by hammering and chiseling where blasting is not practicable or is prohibited i/c trimming and dressing side to true alignment design sections/profiles and shape leveling of beds of tanks to correct level and grade i/c earth in 6” layer for construction of banks and dressing disposal of surplus excavated earth within one chain as directed by Engineer, Incharge i/c providing fence guards light flage where ever required lift upto 5ft: (1.52m) and lead upto one chain (30.5m) (PHSI No. 8 Page No. 70)

i) **5’-8” depth**

3052.08 Cft @ Rs. 5330/05 P%oCft Rs. 32718/-

3. Excavation for tank and reservious in hard rock blasting i/c trimming & dressing sides true alignment / design section / profiles and shape leveling of beds of tanks To correct level and grade i/c laying earth in 6” layer for construction of tank And dressing and disposal of surplus excavated earth withi one chain as Directed by Engineer Incharge i/c providing fence guards, lights, flags where Ever required lift upto 5ft. (1.52m) and lead upto one chain (30.5 m). (PHSI No. 10 Page No. 72).

i) 8’-11” depth

3052.08 Cft @ Rs. 24650/- P%oCft Rs. 75234/-

4. Cement Concrete brick or stone ballst 1”- ½” to 2” gauge (CSI No. 4 P/16 ) Vide M.B No. 1410 P/16).

**Ratio 1:4:8**

In Bad

1017.36 Cft @ Rs. 9416/28 P%Cft Rs. 95794/-

5. Reinforcement 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 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 numbers laid in situ of precast laid in position complete in all respects (i) Ratio 1:2:4: (CSI No.6 P/18).

2534.54 Cft. @ Rs. 337/- P.Cft. Rs. 854140/-

6. 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 i/c removal rust form bars (CSI No.7 (b) P/20).

113.14 Cwt. @ Rs. 5001/70 P.Cwt. Rs. 565892/-

7. Providing, “Expansion Joint” in concrete work 9” wide Corrugated P.V.C water stop (with bulb) i/c soldering cost of material and labour etc. complete) (PHSI No. 2 P/43).

396.00 Rft @ Rs. 86/10 P/.Rft Rs. 34056/-

8. Providing and fining C.I main hole over with frame i/c cost of material etc (PSI No. F-I page No.12) 1810 P/12).

2.50 Cwt. @Rs. 6985/70 P.Cwt. Rs. 17463/-

9. Providing and fixing Ventilator (Weight not less then 80 lbs) each in tank roof of approved design with water tight joint i/c painting etc complete (P.H.S.I. No. 4 P/36)

2 Nos. @ Rs. 4870/- Each Rs. 9740/-

10. Cement plaster (1:4) upto 20’ height ½” thick (G.S.I. No.11 (b) Page No.53).

1143.60 Sft @ Rs. 2795/30 P%Sft Rs. 31967/-

11. Supplying of damppo / Pudlloo rixed with cement plaster etc.

(S.M.I No.46 P/4)

14.0kg @ Rs. 56/82 P/Kg Rs. 795/-

12. Water proofing layer over the domical or flat slab of the H.S.R in 2 coast of bitumen laid using 34 lbs % Sft per % Sft (PHST No.2 page No. 42 ).

890.99 Sft. @ Rs. 2208/- P.%Sft. Rs. 19651/-

13.. P/F in position in C.C. foundation 1:3:6 M.S angle iron 2” x 2” x ¼” a part with M.S. Bar ¾” dia spaced 1.00’ apart painting 3 coats with anticorrosive steel paint etc. complete (P.H.S. Item No. 3 Page No. 42).

12.00 Rft @ Rs. 799/- P.Rft. Rs. 9588/-

14. Cement concrete plain i/c placing compacting (1:2:4) (G.S.I. No. S (a) P. No. 15).

203.11 Cft. @ Rs. 14429/25 P%Cft. Rs. 29305/-

15. Extra for every 50’ additional lead or part there of this rate is applicable upto

½ mile lead when the lead is exceed ½ mile the rate shall be paid on Carriage materialby mechanical means lead 1 mile. (GSI No. 8 P-3).

10173.60 Cft. @ Rs. 5039/- P%oCft. Rs. 51265/-

**Total Rs. 1844089/-**

**PART-E CENTRIFUGAL PUMPING MACHINERY (20 BHP)**

1. Providing and installing in position @ site of water works Jumma Goth electric centrifugal pumping set consisting of A.C. Electric Motor 20 BHP (Siemens) 3 Phase 50 Cycles Pump Type 100-315 BGBPF volts 2900 RPM. Coupled with (KSB) Omega pump size 5” x 4” (Type) mounted on common steel frame or base plate capable of discharge 250 gls, minute against a head of 130 ft. i/c installing of Pumping set on C.C. foundation i/c providing automatic (MCU) (KSB made) Star delta starter providing / fixing prepared board iron (clade) triple pole and natural switch fuse link carrier 500 volts and grade 60 amps and ampere meter 120 amps. Installed on metalled board i/c providing fixing metalled board accommodate main or sub / main control switches recessed in the wall size 5’ x 4’ i/c providing phase indication bulbs with holders and providing internal electric wiring for mains with 3-19/2.14 (19/083) PVC insulated wire 660 volts grade in 60mm (1”) PVC conduit on surface as required i/c providing fixing earthing set wire 0.6m x 6.3m x 6.3 mm (2’x2x1/4”) G.I. Plate buried in the ground at depth of 3.7m (12 ft.) or less as per Pak PWD specification and testing of the pumping set against the required head for 72 hours etc. complete. (R/A Attached). .

2 Sets. @ Rs. 528850/- Each Rs.1057700/-

2. Providing laying (main or sub main) PVC insulated and PVC sheeted 25mm 4 core cable 660 / 1000 volts PVC cable including transportation (ESI No. 70 P/9).

1600.0 Rft. @ Rs. 435/36 P.Rft. Rs. 696538/-

3. C.I. Sluice valve heavy pattern (Test Pressure 21.0 Kg/Sq. cm or 300 lbs / sq. inch (imported) (MSI No. 2: P-12).

4” dia

2 Nos. @ Rs. 5460/- Each Rs. 10920/-

4. C.I. Reflex valve heavy pattern (Test pressure 21.0 Kg/Sq. or 300 lbs / sq. inch). (SMI No. 6/b P-10).

2 Nos. @ Rs. 1706/25 Each Rs. 3413/-

5. C.I. Tapper flat bottom or central flanged ends with holes including turning and facing of flanged for all size (PHSI No. P-11)

0.87 Cwt. @ Rs. 6,096/- P.Cwt. Rs. 5304/-

6. Supply C.I. Bend with flanged end with holes i/c turning and facing of flanges for all sizes (PHSI No. 8 P-13).

1.82 cwt. @ Rs. 6,096/- Each Rs. 11095/-

7. M/I M.S Pipe made out M.S Sheet 16” thick cutting folding to curvature and shape i/c welding etc. complete (R.A.A Based on Schedule).

**Suction** **6” dia**

44 Rft. @ Rs. 749/34 P.Rft. Rs.32971/-

**Delivery Line 6” dia**

23.0Rft. @ Rs. 749/34 P.Rft. Rs.17,235/-

8. Supplying C.I. tee (Equal) flanged end with holes i/c turning and facign of flanged for all size (PHSMI No. 12 P-13)

0.41 cwt. @ Rs. 6096/- P.Cwt. Rs. 2499/-

9. Supply of foot value. Heavy pattern with cone type gate (imported) (PHSI No. 4 P-12).

6” dia

02 Nos. @ Rs. 1381/25 Each Rs. 2763/-

10. M/I with welding M.S flanged made out M.S sheet 3/8” thick cutting drilling holes etc. complete (R.A Attached Based on schedule).

6” dia

14 Nos. @ Rs. 804/77 Each Rs.11267/-

11. Jointing C.I. / M.S flanged pipes and specials flanged and inside a trench including supplying rubber packing of the required thickness nuts, bolts, wit washers etc. and other tolls required for jointing and testing the joints to the specified pressure etc. complete (P.H.S.I No. P-35).

6” dia 2 x 8 = 16 Nos. @ Rs. 938/- P.Joint Rs. 15008/-

4” dia 1 x 8 = 8 Nos. @ Rs. 513/- P.Joint Rs. 4104/-

**Total Rs.1874411/-**

**PART-F P.E. PIPE (DELIVERY MAIN & DISTRIBUTION WORK)**

1. Excavation for pipe line in trenches, and pits in all kinds of soil of Murum i/c trimming and dressing sides 10’ 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 Engineering in charge, providing fence guards, lights, flags and temporary crossing for non vehicular traffic were every required lift upto 5 ft. and lead upto one chain (P.H.S. Item No. 5 Page No. 62).

**0 – 5” depth**

For 4” Dia

For 3” Dia

36000.00Cft. @ Rs. 4650/- P%oCft. Rs. 167400/-

2. Providing laying jointing of polyethylene pipe (HDPE-100) SDR – 13.6/PN-8 conforming to ISO-4427 Din 8074.8075 & PS 3380:1994 Manufactured by API certified, fixing in trench including cutting fitting and jointing, including testing with water to a pressure of also includes Transportation charges of pipe from Factory to site of work working pressure of 6 bars (201 ft. / 87 PSI No. 10 Page No. 25).

For P.E Pipe 4” dia

2000.00Rft. @ Rs. 224/- P.Rft. Rs. 448000/-

For P.E Pipe 3” dia

4000.00Rft. @ Rs. 148/- P.Rft. Rs. 592000/-

3. C.I. Sluice valve heavy pattern (Test pressure 300 lb/sq. inch

(imported) (PHSM Item No. 2 Page No.11)

4” dia

06 Nos. @ Rs. 5460/- Each Rs. 32760/-

3” dia 02 Nos. @ Rs. 4290/- Each Rs. 8580/-

5. Tee Equal for P.E Pipe and C.I

3” dia

10 Nos. @ Rs. 1341/- Each Rs. 13410/-

4” dia

08 Nos. @ Rs. 1986/- Each Rs. 15888/-

6” dia

06 Nos. @ Rs. 4175/- Each Rs. 25050/-

6. Bend for P.E Pipe 90 and P.E

C.I. Bend 90: 3” dia

10 Nos. @ Rs. 1118/- Each Rs. 11180/-

C.I. Bend 90” 4” dia

06 Nos. @ Rs. 1655/- Each Rs. 9930/-

7. Air valve double Acting 3” x 1” (imported) (SMI No. 8 P/11).

04 Nos. @ Rs. 4000/- Each Rs. 16000/-

8. Fire Hydrant Tee (PHSI No. 10 Page – 15)

**4” dia**

04 Nos. @ Rs. 1112/50 Each Rs. 4450/-

9. Stab End Place (PHSI No. 1 Page – 2)

**3” dia**

10 Nos. @ Rs. 1616/- Each Rs. 16160/-

10. Reducers C.E P.E Pipe

(4” x 3”) dia

05 Nos. @ Rs. 568/75 Each Rs. 2844/-

11. C.I. Short piece (PHSI No. 9 Page No. 15)

4” dia

12 Nos. @ Rs. 487/50 Each Rs. 5850/-

3” dia

20 Nos. @ Rs. 375/- Each Rs. 7500/-

12. Butt fusion joints (GSI No. ii P.No. 20)

4” dia

15 Joints @ Rs. 1000/- P.Joint Rs. 15000/-

3” dia

20 Joints @ Rs. 600/- P.Joint Rs. 12000/-

13. Jointing C.I. / M.S Flanged.

4” dia

10 Joints @ Rs. 513/- Each Rs. 5130/-

3” dia

15 Joints @ Rs. 499/- Each Rs. 7485/-

14. Refilling the excavated stuff and trenches 6” thick layer including watering, ramming and full compaction etc. Complete (PHSI No. 24 Page No. 77)

32400.00cft. @ Rs. 2760/- P%oCft. Rs. 89424/-

15. Providing chamber 21/2x2 ½ (750x750mm) inside dimension 4 ½” (1372 mm) deep as per approved design for sluice valve 3” to 12” dia with 18” (457mm) dia inside cost iron cover and frame (wt=1 cwt. 3 qr) fixed in RCC 1:2:4 (102mm) thick (with 5 lbs steel per cft) 9” (299mm) thick brick masonry walls set in 1:6 cement concrete 6” (1152 mm) thick cement concrete 1:3:6 in foundation 1: (25mm) thick cement concrete 1:2:4 flooring ½” (25mm) thick cement concrete 1:2:4 flooring ½” (12.5mm) thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at every one foot beyond 2 ½ ft. depth curing excavation back filling and disposal of surplus earth etc. complete (PHSI No. 5 Page No. 51).

08 Nos. @ Rs. 18820/- Each Rs. 150560/-

16. Cartage of PE Pipe from Karachi to site of work (lead upto 49 miles).

4” dia 2000 Rft. @ Rs. 114/74 P%Rft. Rs. 2295/-

3” dia 4000 Rft. @ Rs. 68/32 P%Rft. Rs. 2733/-

**Grand Total Rs. 1636979/-**

**CONDITIONS:**

1. **Any error & emission in the description quantity rate unit will be governed by the relevant Schedule of rate estimate.**
2. **The rate quoted by the contractor will be inclusive of transportation charges upto site of work.**
3. **No premium will be allowed on non Schedule items.**
4. **No separate carriage will be paid to the contractor.**
5. **The premium should be inclusive of all the taxes i/c series i/c octopi 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.**

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| **(Contractor)** |  | **Executive Engineer**  **Public Health Engg: Department District Karachi** |