**SCHEDULE “B” WATER SUPPLY SCHEME AT VILLAGE KARAM KHAN UMRANI TALUKA SHAHDADPUR DISTRICT SANGHAR**

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

PART – A STORAGE TANK

# 1. Excavation for tanks 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 in charge providing fence guards lights flags where-ever required lift upto 5’(1.52m)lead upto one chain (30.5m)( PHSI No:1 P/67).

6301.62 Cft. Rs.3000/- P%0 Cft Rs. 18905/-

# 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:1 P/67).

7176.62 Cft. Rs.4800/- P%0 Cft Rs. 34448/-

# 3. Excavation for tanks and reservoirs in Slushy 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).

4551.62 cft. Rs.7200/- P%0cft Rs.32772/-

# 4. Bailing or pumping out sub soil water during excavation concreting cost in situ concrete or masonry work in foundation etc.(P.H.S.I.NO:18 P/75)

9103.24Cft. Rs.543/- P% Cft. Rs.49431/-

5. Excavation for pipe line trenches pits tanks/reservoir in Wet Soil i/c trimming dressing side to true alignment and shape leveling of trenches to correct level and grade cutting joints holes providing fence guards light flanges and temporary crossing for non vehicular traffic wherever required lift upto 5’ and lead upto one chain.(PHSI NO:1 P/60)

672.00 Cft Rs: 5400/- P%0 Cft Rs:3629/-

6 Cement concrete brick or stone ballast 1 ½” to 2” gauge Ratio 1:4:8 (G.S.I.NO:5 p/18)

1209.28 cft. Rs.9416/28 P%0cft Rs.113869/-

6. 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) .

1. Ratio 1:4:8

792.00 Cft. Rs: 11288/75 P% Cft. Rs: 89407/-

B) Ratio 1:2:4

614.13 Cft Rs.14429/25 P% Cft Rs.88614/-

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

3342.75 Cft. Rs.11948/36 P% Cft. Rs. 399403/-

8. Cement plaster (1;6) upto 12’ height ½” thick.( G.S.I.NO:13 (B)P/52)

3184.0 Sft Rs.2206/60 P% Sft Rs.70258/-

9. Cement plaster (1;4) upto 12’ height 3/8” thick.( G.S.I.NO:11 P/52)

3184.0 Sft Rs.2197/52 P% Sft Rs.69969/-

10. Providing RCC pipe of ASTM C.76-62 T/C 76-70 of class II Wall B & fixing

In trenches i/c cutting fitting and jointing with rubber ring i/c testing with

Specified pressure.(PHS I NO: B1 P/17)

12” dia 2x48 = 96.0 Rft Rs: 412/- P/Rft Rs; 39552/-

11. 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 precast 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).

362.27 Cft. Rs: 337/- P/Cft. Rs: 122085/-

12. 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)

14.08 Cwt. Rs: 5001/70 P/Cwt. Rs.70424/-

13 Refilling the excavated stuff in trenches 6’’thick layer i/c watering ramming to full

compaction etc complete(PHS I No:24 p/77).

604.80 Cft @Rs: 2760/- P%0 Cft Rs. 1669/-

Rs. 1204435/-

**PART-B. L.S.R. 12’ x 8’ (1 No:).**

# Excavation for tanks 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 in charge 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/67).

120.0 Cft. Rs.3000/- P%0Cft Rs.360/-

1. Cement concrete brick or stone ballast 1 ½” to 2” gauge Ratio 1:4:8.(GSI No: 4(b) P/17).

94.50 Cft. Rs.9416/28 P% Cft. Rs.8898/-

3. Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing or stone aggregate without shuttering (GSI No: 5(b) P/18).

Ratio 1:2:4.

106.50 ft. Rs.14429/25 P% Cft. Rs. 15367/-

4. 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 moulds lifting shuttering curing rendering and finishing the exposed surface (i/c screening and washing of shingle). (GSI No: 8 P-/17 )

505.35 Cft. Rs.337/- P/Cft. Rs.170303/-

5. Fabrication of mils steel reinforcement for cement concrete i/c cutting bending jointing bending laying in position making joints and fastening i/c cost of binding wire also includes removal of rust from bars.(GSI No: 8(b)P/17).

22.56 Cwt. Rs.5001/70 P/Cwt. Rs.112838/-

7. P/F C.I manhole cover frame i/c cost of material etc (GSI No: F , P-23).

0.43 Cwt. Rs.6985/- P/Cwt. Rs. 3004/-

8. Supplying and fixing G.I pipe (S.O.M.I.No: VOL: III P-III P-125).

2”dia. 1 x 20 =20.0 Rft. Rs.187/58 P/Rft. Rs.3751/-

1”Dia. 1x14.0 =14 Rft. Rs.92/07 P/Rft. Rs.1289/-

9. G.I . Specials.

(i) G.I Reducer. 3"x2”dia. 1x1=1 No:Rs.568/75 Each. Rs. 569/-

(i) G.I Socket. 2"dia. 1x1=1 No: Rs.90/- Each. Rs. 90/-

(ii) G.I Socket. 1"dia. 1x4=4 Nos: Rs.37/- Each. Rs. 148/-

(iii) G.I. Nipple 1"dia 1x4=4 Nos: Rs.25/- Each. Rs.100/-

(iv) G.I Bend 2"dia 1x2=2 Nos: Rs.240/- Each. Rs. 480/-

(v) G.I Bend. 1"dia. 1x2=2 No: Rs.65/- Each. Rs. 130/-

(vi) Bib cock stop cock (brass) 1"dia.

1x4= 4 Nos: Rs.490/- Each. Rs.1960/-

(vi) Handle valve 2"dia. 1 No: Rs.1250/- Each. Rs. 1250/-

(vii) M. S clamps with socket and servers.

3"dia 1x2=2 Nos: Rs.172/- Each. Rs.344/-

Total:- Rs.320881/-

***PART-C. PUMP HOUSE (8’x8’).***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Excavation in foundation of building bridges & other structure i/c dug belling dressing refilling around structure with excavation stuff earth watering & ramming to full compaction lead up to one chain and lift up to 5’ ft: (in ordinary soil) (GSI No: 18 P/4 ) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | =145.00 Cft | | | | | | | | | Rs.3176/25 P% Cft. | | | | | | | | | | | Rs. 4605/- | | | | | | | |
| 2. Cement concrete brick or stone ballast 1 ½” to 2”gauge Ratio 1:4:8 (GSI No: 4 P/17) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | =58.00 Cft | | | | | | | | | | Rs.9416/28 P% Cft | | | | | | | | | | | Rs. 5461/- | | | | | | |
| 3. Cement concrete plain i/c placing compacting finishing curing complete i/c screening & washing of stone aggregate without shuttering Ratio (1:3:6). (GSI No: 5 P/18) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | =122.50 Cft | | | | | | | | | | Rs. 12595/- P% Cft: | | | | | | | | | | Rs. 15429/- | | | | | | |
| 4. Erection & removing centering for RCC in plain cement concrete work. (GSI No: 18 P/21) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | =87.50 Cft | | | | | | | | | | Rs. 7000/- P% Sft: | | | | | | | | | | Rs. 6125/- | | | | | | |
| 5. Pacca brick work in ground floor in cement sand mortar (1:6). (GSI No: 5 P/26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | =219.0 Cft | | | | | | | | | | | Rs.12674/36 P%Cft. | | | | | | | Rs. 27757/- | | | | | |
| 6. Pacca brick work in Foundation and plinth in cement sand mortar (1:6). (GSI No: 5 P/24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | =15.0 Cft | | | | | | | | | | | Rs.12674/36 P%Cft. | | | | | | | Rs. 1901/- | | | | | |
| 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: 7 P/20) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | = 2.83 Cwt: | | | | | | | | | | Rs.5001/70 P/Cwt. | | | | | | | | | | | | | | | Rs.14155/- | | |
| 8. RCC work i/c all labour and material except the cost of steel reinforcement and its labour for bending & binding, which will be paid separately. This rate also i/c all kind of forms moulds lifting shuttering curing etc complete (GSI No: 6 P/19) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | = 70.49 Cft: | | | | | | | | | | | Rs.337/- P/Cft. | | | | | | | | Rs. 23755/- | | | | | | |
| 9. Filling Water and remaining earth in floor with surplus from foundation lead up to one chain and lift up to 5 ft ( GSI No: 21 P/ 5) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | = 87.32 Cft: | | | | | | | | | | | Rs.1512/50 P% Cft. | | | | | | | Rs. 1321/- | | | | | | |
| 10. Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 i/c rubbing and polishing of the joints. ¾” thick flooring (GSI No: 28 P/ 43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | = 58.22 Sft: | | | | | | | | | | | | Rs.567/48 P% Sft. | | | | | | | | Rs. 330/- | | | | | | |
| 11. S/F steel grated doors complete with locking arrangement angle iron frame 2”x2”x1/18” and ¾” Sq: bars 4” center to center (GSI No: 23 P/97) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | = 28.0 Sft: | | | | | | | | | | Rs. 726/72 P/ Sft: | | | | | | | | | | Rs. 20348/- | | | | | | | |
| 12. Fabrication of heavy steel work with angle tees flat iron round iron & sheet iron for making trusses girders make etc i/c cutting reverting handling assembling and fixing but excluding erection in position. (GSI No: 2 P/96) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | 2.03 Cwt | | | | | | | | | | | | Rs.4928/49 P/ Cwt. | | | | | | | | Rs. 10005/- | | | | | | |
| 13. Cement Plaster (1:4) up to 20’ height ½” thick (GSI No: 11 P/58) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | 268.0 Sft: | | | | | | | | | | Rs.2283/93 P% Sft. | | | | | | | | | Rs. 6121/- | | | | | | |
| 14. S/F in position iron/steel grill of ¾” x ¾” size fiat iron of approved designed i/c painting 3 coat etc complete weight to be than 3.7 Lbs Sq: ft: of finished grill (GSI No: 26 P/97) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | =24.0Sft | | | | | | | | | | Rs.180/50 P% Sft: | | | | | | | | | | | **Rs. 4332/-** | | | | | | |
| 15. Cement pointing struck joints 1:3 on wall (GSI No: 19 P/59) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | = 328.00 Sft: | | | | | | | | | | | Rs.1213/58 P% Sft. | | | | | | | | | Rs. 3981/- | | | | | | |
| 16. Priming coat of chalk distemper one coat. (GSI No: 23 P/54) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | = 398.0 Sft: | | | | | | | | | | | Rs.442/75 P%Sft. | | | | | | | | | | | Rs. 1762/- | | | | | | | | | |
| 17. Preparing the surface and painting with weather coat i/c rubbing the surface with rubbing bricks and paper filling the voids with chalk/plaster of paris and then painting with weather coat of approved make. (GSI No: 38 (a),P -56 ) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | =726.0 Sft | | | | | | | | | | | | Rs. 1948/10 P% Sft | | | | | | | | Rs.14143/- | | | | | |
| 18. Preparing surface & painting of doors & windows any type three coats (GSI No: 5 /77) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | =104.0 Sft | | | | | | | | | | | | Rs.2116/41 P% Sft | | | | | | | | Rs.2201/- | | | | | |

Total: Rs.163732/-

PART-D. PUMPING MACHINERY .

1. Providing and fixing water electric pumping set Mono Block with Siemens motor and Nice pump 2 BHP 1400 RMP single phase 220 v 2 ½” suction and delivery 100 feet discharge 25 gallons per minute.(Market Rate).

1 x 1 =1.0 Set. Rs.49800/- P/Set. Rs.49800/-

2. Providing G.I Pipes specials and clamps etc.(SOMI NO. 1 P/125)

2 ½” dia. 25.0 Rft. Rs.235/96 P/Rft. Rs.5899/-/-

2”dia. 50.0 Rft. Rs.187/58 P/Rft. Rs.9379/-

3. Wiring for light or fan point with 3/.29PVC insulated wire in 20mm (3/4”)PVC conduit raised in the wall or column as required.(E.S.I.NO:124 p/15)

5.0 Points. Rs.1130/- P/Point. Rs.5650/-

1. providing and laying l(Main or Sub main PVC insulated with size 3-7/.29

copper conductor in ¾” dia PVC conduit on surface.(ESI.NO:17 p/3)

300.0 Meter. Rs.235/- P/Meter Rs.70500/-

5. Supplying Demand Note by WAPDA single phase Connection (Issue by WAPDA).

1 x 1=1.O No: Rs.16500/- Each. Rs.16500/-

6 Repair of Pumping Machinery 7.50 BHP and Providing New grand fosse pump type HSP 17-10 + 7.50 BHP (Submersible pump) 400 volts 50 HZ made complete with direct driven hollow shaft electric motor 7.50 BHP (2900 RPM) Siemens make for out door location and coted 80 ft setting depth pump set shall be completed with line shaft screwed pipe discharge head suction strainer basket and all fitting required to give fully operational pump and columns pipe 2 ½” dia meters shall not be accessed 2 ½” at any columns at any point pump duty discharge 70 gallons per minute against a head of 1200 ft i/c installing of pumping set on CC Foundation Ratio 1:2:4 and Ratio 1:4:8 with ballast with M.S nuts and bolts of 5/8” dia to be embedded in CC foundation i/c providing and fixing MCU Siemens made or equivalent i/c accommodation accessed on wall with locking arrangements i/c providing internal electric wiring for main with & 3.7/.085 (7” 36) PVC insulated wire 660 volts grade in 40 to 25 mm (6” to thick) PVC Patti conduit on surface as required i/c providing and fixing earthing (R.A Approved also attached).

1x1=01 Set Rs.444000/- P/Set Rs.444000/-

7. G.I pipe of approved quality to be tested with pressure head of 200’ft. (SOMI NO,1 P/126)

**For Delivery 4” Dia.**

16.0 Rft. Rs. 528/34 P/Rft. Rs.8453/-

8. M/I and furnishing M.S flanged ½”thick M.S sheet of required size drilling holes i/c cutting bending to correct shape welding etc complete. (P.H.S..I.No: iii P-33)

**4"Ø 2**×2 = 04.0 Nos: Rs.757/89 Each. Rs: 3032/-

4. C.I Bend with flanged end with holes i/c turning and facing of flanges for all Sizes (P.H.S.I.No: 8 P-98).

Suction. Bend 90 4”dia 1 × 30 ÷ 40.95 = 0.73 Cwt.

0.73 Cwt. Rs: 6096/- P/Cwt. Rs: 4450/-

6. C.I Reflex valve heavy pattern (test pressure) 21 kg per sq: or 300 lbs/sq: inch (P.H.S.I.No: 1 P/9)

**4"Ø**. 1×1 = 1.0 Nos: Rs.1706/25 Each. Rs. 1706/-

8. Jointing C.I M.S flanged pipe and specials flanged and inside a trenches nuts and bolts with washer etc and other is required for jointing and testing joints to the specified pressure etc complete. (P.H.S.I.No: 1 P/40)

4”Dia. 1x4=4 Joints. Rs.513/ P/Joint. Rs. 2052/-

10. C.I Reducer (G.S.I.No:14(11)P-102)

2 ½ ” ×4” 1.0 Nos: Rs.475/- Each. Rs. 475/-

Total:-Rs.621912/

*PART-E RAISING MAIN,4" dia*

1. Excavation for pipeline in trenches pits in Soft soil i/c trimming dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade Cutting joint holes and disposal of surplus earth within one chain as directed by Engineer in charge providing fence guards lights, flags and temporary crossing For non-vehicular traffic where ever required lift up to 5’ and lead up to one chain (P.H.S.I.No: 1,P/46).

**0’-5′ Depth.**

72500.0 Cft. Rs.3600/- P%0Cft. Rs. 261000/-

2. Providing Laying PVC pipe of class-B fixing in trenches i/c cutting fitting and jointing with Z-Joint with one rubber ring i/c testing water to a head of 61 meter or 200’ft (2- joints)(PHSI No:1P-22)

**4" Ø.**  14000.0 Rft Rs. 137/- P/Rft Rs.1918000/-

**3" Ø.**  500.0 Rft Rs. 90/- P/Rft Rs. 45000/-

3. Providing cost iron specials (S.O.M.I. No: 9 P/99 ).

i) C.I Bend 90 4" Ø. 07 Nos: Rs. 893/75 Each. Rs. 6256/-

ii) C.I Bend 90 3" Ø. 03 Nos: Rs.650/- Each. Rs. 1950/-

iv) C.I.TEE 4"×4"×3" 02 Nos: Rs.956/25 Each. Rs. 1913/-

4. C.I Jibault joints (P.H.S.I.No: 14 P- 103)

ii) 4”dia. 1×2=05 Nos: Rs.731/25 Each. Rs. 3656/-

iii) 3”dia. 1×5=02 Nos: Rs.568/75 Each. Rs. 1138/-

v) Tail Piece. 04" Ø. 1×10=10 Nos: Rs.487/50 Each. Rs.4875/-

vi) Tail Piece. 03" Ø. 1×4 =04 Nos: Rs.375/- Each. Rs.1500/-

5. Supplying C.I Sluice valve heavy pattern test pressure 21 kg sq cm or 300 lbs sq inch (SOMI No:2,P-97).

4" Ø 1×1 1 Nos: Rs.5460/- Each. Rs. 5460/-

3" Ø 1×1 1 Nos: Rs.4290/- Each. Rs. 4290/-

6. Jointing C.I/M.S flanged pipes and specials flanged and inside a trenches i/c supplying rubber pacing of the required thick knees nuts bolts with washers etc and other tools required for jointing and testing the joints to the specified pressure etc complete.

(PHSI No: 1, P/35).

4" Ø 1×1 = 01 Joints Rs. 513/- P/Joint. Rs.513/-

3" Ø 1×1 = 01 Joints Rs. 499/- P/Joint. Rs. 499/-

7. Making joint C.I Special fitting i/c laying of required diameter and testing the joint along with A.C pressure pipe line to the specified pressure and making good to all leaky joint complete (PHSI No: 1 P-56).

4" Ø 10.0 Joints Rs.62/- P/Joint. Rs.620/-

3" Ø 04.0 Joints Rs.62/- P/Joint. Rs.248/-

8. Refilling the excavated stuff in trenches in 6” thick layers i/c watering and ramming to full compaction etc complete (PHSI No: 24,P-53).

65250.00 Cft. Rs.2760/- P%0Cft. Rs. 180090/-

9. Providing chamber 21/2x2 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 (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 mortar 6”(1152mm) thick cement concrete 1:3:6 in foundation 1” thick cement concrete 1:2:4 flooring ½” thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing M.S foot rest at every 1 foot beyond 2 ½’ depth curing excavation back filling and disposal of surplus earth etc complete. (PHSI No: ( q i) P/49).

1 × 2 = 2.0 Nos: Rs.18820/- Each. Rs. 37640/-

***Total:- Rs.*2474648/-**

***GENERAL ABSTRACT OF COST.***

PART-A STORAGE TANK Rs. 1204435/-

PART-B. L.S.R. Rs. 320881/-

PART-C. PUMP HOUSE (8’ x 8’) Rs. 163732/-

PART-D. PUMPING MACHINERY Rs. 621990/-

PART-E RISING MAIN 4” DIA RS.2474648/-

Total:- Rs. 4785686/-

**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, Works & Services Department Sanghar will be final and binding the parties if in any dispute.

EXECUTIVE ENGINEER

PUBLIC HEALTH ENGG: DIVISION

SANGHAR

CONTRACTOR