***BIDDING DATA***

***(The Section Should Be Filed In The Engineer /Production Agency Before Issuance Of The Bidding Documents)***

|  |  |  |
| --- | --- | --- |
| ***a)*** | *Name of procuring agency:* | ***Executive Engineer Public Health Engineering Division II Khairpur @ Ranipur*** |
| ***b*** | *Briel description of work :* | ***Construction Of Drainage Scheme Rural Health Center Near Mahzer Model School Ranipur U/C Ranipur Taluka Sobhodero District Khairpur District Khairpur*** |
| ***c*** | *procuring agency’s Address* | **Taluka Sobhodero District Khairpur** |
| ***d*** | Estimated Cost | Rs. 72,00,000/- |
| ***e*** | Amount of BID Security | **2%** |
| ***f*** | Period of bid validity (Security) | **15 Days** |
| ***g*** | Security Deposit(including Bid Security) | **N/A** |
| ***h*** | Dead Line for bid submission of bid along with time | **N/A** |
| ***i*** | Venue time and date of bid opening | ***At Executive Engineer Public Health Engineering Division II Khairpur @ Ranipur*** |
| ***j*** | Time for completion form written order of commence | 12 Months |
| ***k*** | Liquidity damages | N/A |
| ***l*** | Deposit receipt No: date amount (kin word & Figure) | N/A |
|  |  |  |

***(Executive Engineer/Authority issuing bedding document)***

|  |  |
| --- | --- |
| ***Assistant Engineer***  ***Public Health Engineering***  ***Sub Division Sobhodero*** | ***Executive Engineer***  ***Public Health Engineering***  ***Division II Khairpur @ Ranipur*** |

|  |  |
| --- | --- |
| **SCHEDULE B** | **CONSTRUCTION OF DRAINAGE SCHEME RURAL HEALTH SENTER NEAR MAZER MODEL SCHOOL RANIPUR U/C RANIPUR TALUKA SOBHODERO DISTRICT KHAIRPUR dISTRICT KHAIRPUR** |

**PART- I RCC COLLECTING TANK 10” DIA**

1. Excavation of well in dry soil up to 20’ ft. below ground level

and disposal of soil within one chain (CSI NO:1 (b) P.NO:86)

Qty: 397.99 Cft @Rs:2738/- P% Cft Rs:1,090/-

2. Fabrication of mild steel reinforcement for cement

concrete i/c cutting bending laying in position

making K=joints and fastering i/c cost of binding

wire also i/c removal of rust from bars

(CSI No.8(a) P.NO.17).

Qty. 23.97 Cwt @Rs.4820/20 P cwt. Rs.1,15,579/-

3. RCC work in roof slab, beams columns rafts, lintels,

and other structure members laid in situ of pre cost

laid in position complete in all respect 1:2:4

(CSI No.6 (a)P.NO.17)

Qty. 671.38 Cft @Rs.337/- P Cft . Rs:2,26,255/-

4. Wet shinkng of wells for depth below spring level by means

driving i/Cft all charges for shorting loading and removing

excavated material one chain.(CSI NO:3(b)PNO:88)

1. 0-5’ depth

Qty. 519.08 Cft @Rs.15125/- P%0 Cft . Rs.7,851/-

1. 5-10’ depth

Qty. 519.08 Cft @Rs.30250/- P %0Cft . Rs.15,702/-

1. 10-15’ depth

Qty. 519.08 Cft @Rs.45660/38 P%0 Cft . Rs.23,701/-

d) 15-10’ depth

Qty. 207.63 Cft @Rs.60500/38 P%0 Cft . Rs.12,562/-

5. Providing Construction joints in concrete work of 3” (225mm)

wide corrugated PVC water stop (with bulbs) i/Cft soldering

cost of materials and labour etc complete (PHSI No.2 P.No.56)

Qty. 138.16 Rft @Rs.86/- P Rft . Rs.11,882/-

6. Cement concrete brick or Stone Blast 1 ½“ to 2” Guage

1. 1:4:8. (CSI: No.4 (b) P: NO.15)

Qty. 141.68 Cft @Rs.9416/28 P %Cft . Rs.13,341/-

7. Cement concrete plain i/c placing compacting finishing

curing complete i/c screening and washing stone

aggregate w/o shuttering (CSI No.5 P.NO.18)

1. Ratio 1:3:6

Qty. 78.50 Cft @Rs.12595/- P% Cft . Rs.9,887/-

1. Ratio 1:2:4

Qty. 78.50 Cft @Rs.14429/25 P% Cft . Rs.11,327/-

8. Bailing or pumping out sub soil water during excavation

concreting cost in situ concrete Or masonry work in

foundation etc (1) only three operation to be allowed trench

volume Under water to be measured first time for concreting

and second for cost in situ or masonry work in foundation

etc.(PHSI No.18 P No.75)

Qty. 4003.50 Cft @Rs.543/- P% Cft. Rs.21,739/-

9. Providing and fixing in position i/c CC foundation 1:3:6

MS ladders of MS angle iron2”x2”x1/4” (51x51mm)1-0”

a part with MS bar ¾ dia spaced 1” a part painting 3 coats

with anticorrosive steel paint etc complete

(PHSI No.02 P .No.55)

Qty.19.00 Rft @Rs.799/- P Rft Rs.15,181/-

10. Supplying Hi bond pre-packaged polymers modified motor

(DH PMM) hi bond motor @ weight of cement.

(CSI No.7(ii) P.No.17 )

Qty.50.0 Kg @Rs.459/80 P Rft Rs.22,990/-

Total **Rs:5,09,087/-**

**PART- II SCREENING CHAMBER 5’X8’**

1. Excavation of well in dry soil up to 20’ ft. below ground level and

disposal of soil within one chain.(CSI No.1(b) P.No.86)

0-5’ depth

Qty. 440.00 Cft @Rs.2738/- P%0 Cft . Rs.1205/-

5-8’ depth

Qty. 264.0 Cft @Rs.2861/65 P %0Cft . Rs.755/-

2. Fabrication of mild steel reinforcement for cement

concrete i/c cutting bending laying in position

making K=joints and fastering i/c cost of binding

wire also i/c removal of rust from bars

(CSI No.8(a) P.NO.17).

Qty.7.62 Cwt @Rs.4820/20 P cwt. Rs.36,730/-

3. RCC work in roof slab, beams columns rafts, lintels,

and other structure members laid in situ of pre cost

laid in position complete in all respect 1:2:4

(CSI No.6 (a)P.NO.17)

Qty.213.37 Cft @Rs.337/- P Cft . Rs.71,906/-

4. Cement concrete brick or Stone Blast 1 ½“ to 2” Guage

1:4:8. (CSI: No.4 (b) P: NO.15)

Qty.44.0 Cft @Rs.9416/28 P% Cft . Rs.4,143/-

5. Providing construction joints in concrete work of 9” (225mm)

wide corrugated PVC water stop (with bulbs i/c soldering cost

of materials and labour etc complete (PHSI No,2 PNo.56)

Qty.29.00 Cft @Rs.86/- P% Cft . Rs.2494/-

6. Providing and fixing in position i/c CC foundation 1:3:6

MS ladders of MS angle iron 2”2x”x1/4” (51x51mm) 1-0”

a part with MS bar ¾ dia i/c speed a part painting 3 coats

with anti crossive steel paint etc complete.

(PHSI No.3 P No.55 )

Qty.8.50 Rft @Rs.86/- P Rft . Rs.6792/-

7. Fabrication of heavy steel work with angle,tees,iron,

round iron and sheet iron for making trusses,girders,

tands etc.i/c cutting tanks etc. i/c cutting,drilling

riveting ,handling assembling and fixing but excluding

erection in position. (CSI NO:2,P.NO:91)

Qty.2.466 Cwt @Rs.4928/49 P Cwt . Rs.12,154/-

8. Erection and fitting in position of iron trusses staging of

water tank etc. (CSI-3 P-91)

Qty.2.466 Cwt @Rs.271/04 P Cwt . Rs.668/-

Total Rs:1,36,847/-

**PART – Inter Connection**

1. Excavation for pipe line in trenches and pits dalday soil 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

one chain as directed by Engineer incharge providing

fence guards, lights flages and temporary crossing for non

vehicular traffic where ever required lift up to 5 ft: and lead

up to one chain and (P.H SCHI: No. 1(A), P-60

**For C.Tank 12” dia**

Qty: 360.00 cft @Rs.3600/- P %0 cft Rs.1,296/-

1. Excavation for pipe line in trenches and pits wet

soil caly or mud 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 one

chain as directed by Engineer incharge providing

fence guards, lights flages and temporary crossing

for non vehicular traffic where ever required lift up

to 5 ft: and lead up to one chain and

(P.H SCHI: No. 14, P-66)

Qty: 180.0 Cft @Rs.5400/- P%0 Cft . Rs.972/-

1. Providing laying R.C.C pipe of A.S.T.M( – 76 – 62 T/C – 76 -70)

Class II wall B and fixing in trench i/c cutting fitting

and jointing with rubber rings i/c testing with water

to specified pressure (Rate Approved).(PHSI No,1 P.No,17)

**For 15” dia pipe**

Qty: 16.00 Rft @Rs.412/- P .Rft Rs.6,592/-

1. Refilling the excavated stuff in trenches 6” thick layer

i/c watering ramming to full compaction etc complete

(P.H.SCHI: NO. 1, P-77).

Qty: 432.0 Cft @Rs.2760/- P. %0 Cft Rs.1,192/-

TOTAL Rs:10,052/-

1. Carriage RCC pressure pipe of any class with collars by

mechanical transport i/c loading, unloading and stacking

at site. (PSHCHI: No. 2, P-3).

Qty: 16.00 Rft @Rs.1144/08 P % Rft Rs.183/-

Total = **Rs.10,235 /-**

**PART – iv PUMP HOUSE**

1. Excavation in foundation of building bridges and other structure i/c

deg belling bressing refilling around the structure with excavated

earth watering and ramming lead up to one chain lift up to 50 ft.

(in ordinary soil)) (CSI No18(b), P.No4)

Qty:188.0 Cft @Rs.3176/25 P. %0 Cft Rs.597/-

1. Cement concrete brick or Stone Blast 1 ½“ to 2” Guage

1:4:8. (CSI: No.4 (b) P: NO.15)

Qty:128.93 Cft @Rs.9416/28 P. % Cft Rs.12140/-

1. Randum rubble masonry (incoursed) in foundation in cement

sent master Ratio 1:6 (CSI No1P. No.31)

Qty:141.0 Cft @Rs.17723/- P. % Cft Rs.24989/-

1. Rubble masonry i/c hammer dressing in cement sand mortar

Ratio 1:6 (CSI No.2(d) P.No27)

Qty:117.50 Cft @Rs.25321/- P. % Cft Rs.29752/-

1. Damp proof cause with cement sand and shingle concrete

1:2:4 i/c two coats of mix phal misture (CSI No.28(c) P.No.19)

Qty:58.75 Cft @Rs.4982/18 P. % Cft Rs.2927/-

1. Pointing flush on stone work in cement mortar 1:3 on stone

work raised (CSI No.11 P.No.59)

Qty:104.0 Sft @Rs.1062/33 P. % Cft Rs.1105/-

1. Pacca brick work in foundation and plinth I cement sand

mortar 1:6 (CSI No.5 P.No.24)

Qty.2.00 Cft @Rs.11948/36 P% Cft. Rs.2390/-

1. Pacca brick work in ground floor including sand mortar 1:6(CSI No.5 P.No.25)

Qty. 306.0 Cft @Rs.12674/36 P% Cft. Rs.38784/-

09. RCC work in roof slab, beams columns rafts, lintels,

and other structure members laid in situ of pre cost

laid in position complete in all respect 1:2:4

(CSI No.6 P.NO.17)

Qty. 108.35 Cft @Rs.337/- P% Cft. Rs.36514/-

10. Fabrication of mild steel reinforcement for cement

concrete i/c cutting bending laying in position

making K=joints and fastering i/c cost of binding

wire also i/c removal of rust from bars

(CSI No.7 P.NO.20).

Qty.4.35 Cwt @Rs.4820/20 P cwt. Rs.20968/-

11. making and fixing steel grated door complete

with looking arrangement iron frame 2”x2” 3/8”

locking arrangement (CSI No.24 P.NO.97).

Qty. 62.00 Cft @Rs.594/57 P % Cft . Rs.36863/-

12. Filling watering and ramming earth in floors with

surplus earth from foundation and lead p to one

chain and lift up to 5 ft. (CSI No.21 P.NO.5).

Qty. 109.25 Cft @Rs.1512/50 P %0 Cft . Rs.165/-

13. Supplying filling sand under floor and plugging in wells.

(CSI No.29 P.NO.26).

Qty.54.62 Sft @Rs.1141/25 P Sft Rs.623/-

14. Providing and lying 1” thick topping cement concrete

1:2:4 i/c surface fixing and desiring in to panel.

(CSI No.16(d) P.NO.42).

**3” Thick**

Qty. 120.00 Sft @Rs.4411/82 P % Sft Rs.5294/-

15. Cement pointing struck joints on walls(CSI No.19 P.NO.59).

Qty.427.50 Sft @Rs.1287/44 P % Sft Rs.5504/-

16. Aster for plaster 1:4 up to 20 ft height 3/8 thick (CSI No.11 P.NO.58).

Qty.508.50 Sft @Rs.2197/52 P % Sft Rs.11174/-

17. Cement plaster:4 up to 20 ft height ½” thick(CSI No.11 P.NO.58).

Qty.508.50 Sft @Rs.2283/93 P % Sft Rs.11614/-

**Painting New Surface**

18. preparing surface painting of doors and windows any type i/c edges

(CSI No5 P.NO.77).

Qty.124.0 Sft @Rs.2116/41 P % Sft Rs.2624/-

19. White washing (a) one coat . (CSI No.26 P.54).

Qty: 508.50 Sft @Rs:829/95 P.% Sft Rs.4220/-

20. Colour washing (b)two coat. (CSI No.25 P.54).

Qty:427.50 Sft @Rs:859/90 P. %Sft Rs.3676/-

Total Rs:251923/-

**PART – V COMPOUND WALL**

1. Excavation in foundation of building bridges and other structure i/c

deg belling bressing refilling around the structure with excavated

earth watering and ramming lead up to one chain lift up to 50 ft.

(in ordinary soil)) (CSI No18(b), P.No4)

Qty:857.0 Cft @Rs.3176/25 P. %0 Cft Rs:2,722/-

1. Cement concrete brick or Stone Blast 1 ½“ to 2” Guage

1:4:8. (CSI: No.4 (b) P: NO.17)

Qty:214.25s Cft @Rs.9416/28 P. % Cft Rs.20,174/-

1. Randum rubble masonry (incoursed) in foundation in cement

sent master Ratio 1:6 (CSI No1P. No.31)

Qty:642.0 Cft @Rs.17723/- P. % Cft Rs.1,13,782/-

1. Rubble masonry i/c hammer dressing in cement sand mortar

Ratio 1:6 (CSI No.2(d) P.No27)

Qty:313.0 Cft @Rs.25321/- P. % Cft Rs.79,255/-

1. Pointing raised on stone work(in cement sand mortar) Ratio 1:3(CSI No.20 P.No59)

Qty:636.0 Cft @Rs.17723/- P. % Cft Rs.11181/-

1. DPC with cement sand & shingle concrete 1:2:4 i/c coated of asphaltic mixture.

(CSI No.27 P.No23)

Qty:265.0 Sft @Rs.391285/- P. % Sft Rs.10,104/-

1. Pacca brick work other yhan building i/c stricking of joints up to 50ft.

Height( in cement sand mortar) ratio 1:4(CSI No:7 P.No:25)

Qty:685.87 Cft @Rs.12674 /36 P. % Cft Rs.86,930/-

1. Cement concrete plain i/c placing compacting finishing curing complete

and washing of stone complete (CSI No:5 PNo:18)

**Ratio 1:2:4**

Qty:78.29 Cft @Rs.14429 /25 P. % Cft Rs.11,297/-

1. Errection and removal of centering for RCC or plain cement concrete

Work of deaden wood. (CSI No:18 PNo:2)

**A Vertical**

Qty:105.50 Sft @Rs.3127 /41 P. % Sft Rs.3,299/-

**B Horizontal**

Qty:129.0 Sft @Rs.3588 /48 P. % Sft Rs.4,629/-

1. Cement plaster (1:4) upto 20’ height ½” thick (CSI No(b)11 PNo:57)

Qty:902.0 Cft @Rs.2206/60 P. % Cft Rs.19,904/-

1. Cement plaster (1:4) upto 20’ height ½” thick (CSI No(b)11 PNo:57)

Qty:902.0 Cft @Rs.2283/93 P. % Cft Rs.20,601/-

1. Cement pointing strick joint on walls (1:3) (CSI NO:19 P .NO:59).

Qty:902.0 Sft @Rs.1213/58 P. % Sft Rs:10,946/-

1. White washing (a) two coat . (CSI No.26 P.54).

Qty: 2144.50 Sft @Rs:425/84 P.% Sft Rs.9,132/-

1. Colour washing (b)two coat. (CSI No.25 P.54).

Qty:2144.50 Sft @Rs:829/95 P%Sft Rs.17,796/-

1. Making and fixing steel grated door complete

with looking arrangement iron frame 2”x2” 3/8”

locking arrangement (CSI No.24 P.NO.92).

Qty:72.0 Sft @Rs:726/72 P. Sft Rs.52324/-

1. Preparing surface painting guards bars gates of iron bars

dreating railing i/c Standards braces etc and similar open

work two coats. (CSI No.24 P.NO.92).

Qty:144.0 Sft @Rs:1270/83 P.% Sft Rs.1830/-

Rs:4,75,906/-

**PART – FC RISING MAIN 4” DIA**

1. Providing F.C Pressure Pipe and cement jointing of class i/c

Fixing in trenches i/c cutting fitting and jointing with rubber

Rings i/c testing with water to a head of 183 meter or 600ft

(PHSI NO:2 (b) PNo:20)

4” dia

Qty:1000.0 Rft @ Rs.188/- P Rft Rs1,88,000/-

1. Providing and fixing M.S bend fabricated with ¼” thick M.S plate

having an outer length and total weight as mentioned against

each item. (CSI No.2A(b) P.NO.5).

**C.I bend 90\* dagree 4” dia**

Qty:2.0 Nos @ Rs.1082/- Each Rs2164/-

3) Providing fixing split collar 9” thick on AC pipe fabricated

with ¼” thick M.S plate having as mentioned against

each item it i/c the cost of 4 Nos. ¼” thick flane nuts bolts

rubber packing labour & selling material etc complete.

(SMI NO:4 (c) P NO:4)

Qty:4.0 Nos @ Rs.1835/- Each Rs7340/-

4) Providing & fixing tail piece (Dholki) on AC pipe fabricated

with ¼” thick M.S plate having as mentioned against each

item it i/c the cost of labour & selling material etc complete.

**4” dia**

Qty:2.0 Nos @ Rs.1886/- Each Rs3772/-

5) Supplying fixing of Sluice value with 2- cast iron piece one

end flanged and other with sockets i/c the cost of

nuts bolts and rubber packing labour etc complete.

(SMI NO:I (c) P NO:12 )

**4” dia**

Qty:2.0 Nos @ Rs.1532/- Each Rs3064/-

6) Excavation for pipe line in trenches and pits soft soil 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 one chain as directed by Engineer incharge

providing fence guards, lights flages and temporary

crossing for non vehicular traffic where ever required

lift up to 5 ft: and lead up to one chain and

(P.H SCHI: No. 1, P-48)

**4” Dia**

Qt:10000.0cft. @Rs.3600/- P%0 Cft . Rs.36,000/-

7) Jointing CI/MS flanged pipe to special flange inside

threaded i/c supplying rubber packing the required

thickness nuts bolts with wisher wand other required

for jointing and testing the joint of the specified pressure

etc complete. (P.H SCHI: No. 1, P-40)

**4” dia**

Qty:4.0 joints @ Rs.938/- P. joints Rs3752/-

8) Making joints CI special filling i/c laying od the

required along with the asbestos cement pressure

pipe line to the specified pressure and making good

to all leaky joints etc complete.

(PHSI No.1 P. 81).

**4” dia**

Qty:8.0 joints @Rs.93/- P. joints Rs744/-

9). Refilling the excavated stuff in trenches 6” thick layer

i/c watering trimming on full compaction etc complete

(P.H.SCHI: NO. 24, P-55).

Qt: 8000.0 Cft @Rs.2760/- P%0 Cft Rs.22,080/-

11. Cartage of A.C Pressure pipe of any class lead unload

& staching at size A.C pipe frm Karachi Factory lead

261 Miles

Qt:1000.0 Rft . @Rs.688/61 P% Rft . Rs. 6,886/-

**Total Rs.2,73,802/-**

**PART VII PUMPING MACHINERY**

Supplying Installing In Postion At Site Of Work For Drainage Scheme Drainage

Scheme Rural Health Senter Near Mazer Model School Ranipur

U/C Ranipur Taluka Sobhodero District Khairpur Taluka Sobhodero District

Khairpur Electric set 1450 Rpm (Siemens) Made By 15 BHP Ila- 133-6 Aa-60

3-Phase50 Cycles Coupled Siemens. Non Clogging Pump (Type

( Np 80 -400 ) Size 3”X4 common Steel Frame are best plate Coupling of

Of Discharging 50 Gallons Per Minute Against A Head

Of 45 Ft I/C Installing Of Pumping Set In Cement Concerte Foundation Ratio 1:2:4

With M.S Nuts & Bolts of ½” dia to be Embedded In Cc Foundation I/C Providing

And Fixing star data started complete With Nuts bolts and every load release and

required i/c providing fixing on prepared Boared iron clad triple pole and neutral switch

fuse with rewire able type fuse link carried 500 volts grade i/Cft providing fixing

material Boared accommodate main or sub main control switch recessed in wall size

3x2” ½ wiring for main switch 3-111-0074(Pl0.44) PVC insulated wire 660 volts

graded in 25 mm (1”) PVC conduct on surface as required i/c providing and fixing year

thing set 0.6 mmx6.3mm 2’x2’ ½ C.I plate buried in the grand at depth of 3.7 mm

(12’) or lass asper pak: PWD spectication and testing of the pumping set against set

requied dead of 72 hours etc complete (R.A Attached).

Qt 1.0 set @ Rs: 7,15,820/- P.Set Rs: 7,15,820/-

Total Rs: 7,15,820/-

**PART VIII INTER CONNECTION**

1. Providing & installing M.S pipe made out of M.S sheet 3/16” thick.

**4” dia pipe for suction**

Qty: 66.0 Rft @Rs.800/20 P Rft Rs.52813/-

**3” dia pipe for Delivery**

Qty: 16.0 Rft @Rs.650/15 P Rft Rs.10402/-

2. Mild steel flange ½” dia (12 mm thick).

**3” dia**

Qty: 18 Nos @Rs.945/- P Rft Rs.17010/-

3. Supplying CI sluice valve heavy pattern test pressure 21.0 Kg sq

Cm 300 Lbs Sq inch(MSI NO:2 P.NO9)

**6” dia**

Qty: 3 Nos @Rs.9360/- Each Rs.28080/-

4. Supplying CI sluice valve heavy pattern test pressure 21.0 Kg or

Cm 300 Lbs Sq inch(MSI NO:2 P.NO9)

4” dia for suction

Qty: 3 Nos @Rs.1706/25 Each Rs.5118/-

5. Supplying C.I foot value heavy (pattern with type(SMI NO:4 PNO:10)

4” dia

Qty: 3 Nos @Rs.893/75 Each Rs.2681/-

6. C.I bend of flanged end with holes i/c trenches and facing of flanged for

all size (SMI NO:7.5 PNO:11)

6” dia bend 90 degree

Qty: 0.787 Cwt @Rs.6096/75 P Cwt Rs.4797/-

7. CI tapers flat bottomed or central tapered flanged ends with holes i/c

Turning and facing of flanged for all size( SMI NO:9 P.NO:11)

Qty: 0.309 Cwt @Rs.6096/75 P Cwt Rs.1883/-

8. Supplying CI tees flanged end with holes i/c trimming facing of flanged

for all size (SCH OF MAT NO:11 P.NO:11)

Qty: 0.356 Cwt @Rs.6096/75 P Cwt Rs.2170/-

9. Jointing CI/MS flanged pipe to special flange inside

threaded i/c supplying rubber packing the required

thickness nuts bolts with wisher wand other required

for jointing and testing the joint of the specified pressure

etc complete. (P.H SCHI: No. 1, P-35)

**(c) 3” dia joints for suction**

Qty:31 joints @ Rs.513/- P. joints Rs15903/-

10. Cost Iron Speciala for AC pressure pipe standared wt for ACIL “B” class.

C.I Gibault Joint 3” dia

Qty: 1 No @ Rs.568/75 Each Rs569/-

Total Rs:1,41,426/-

**PART IX** **SURFACE DRAINS**

1. Excavation in foundation of building bridges and other

structure i/c dag belling refilling around the structure

with excavated earth watering ramming lead up to one

chain and lift up to 5 ft. (C S I No.18 (b) P.NO.4)

Qty. 6478.50 Cft @ Rs.3176/25 P %Cft. Rs:20,577/-

1. Cement concrete plain i/c placing compacting finishing

curing complete i/c screening and washing stone

aggregate w/o shuttering (CSI No.5(i) P.NO.16)

**(a) Ratio 1:4:8**

Qty: 1377.75 Cft @Rs.11288/75 P %Cft Rs:1,55,531/-

1. Pacca Brick work in foundation and plinth in cement sand

Ratio (1;6) (CSI No.4 (e) P.NO.21)

Qty: 3804.75 Cft @Rs.11948/36 P% Cft Rs:4,54,605/-

1. Construction of standard of open drains cunette block

of cement concrete 1:2:4 in situ to design profile i/c cost

of mould as per drawing i/c applying floating coat of

cement 1/32” thick to the exposed face finished smooth

curing etc complete as per detail drawing

(PHSI No. D P.NO.44)

Type –I

Qty.1050.0 Rft @Rs.94/- P Rft. Rs.1,s41000/-

Type –II

Qty.750.0 Rft @Rs.174/- P Rft. Rs.1,30,500 /-

1. RCC work in roof slab, beams columns rafts, lintels,

and other structure members laid in situ of pre cost

laid in position complete in all respect 1:2:4

(CSI No.7 P.NO.17).

Qty**. 449.44 Cft** @Rs.337/- P% **Cft .** Rs:1,51,461/-

1. Fabrication of mild steel reinforcement for cement

concrete i/c cutting bending laying in position

making K=joints and festering i/c cost of binding

wire also i/c removal of rust from bars

(CSI No.7(ii) P.NO.19).

Qty. **16.052 Cwt** @Rs.5001 P cwt Rs.80,276/-

1. Cement plaster 1:4 20’ height ½” thick

(CSI No.11 (b) P.NO.53)

Qty. **3198.0 Sft** @Rs.2283/93 P% **Sft. R**s.73,040/**-**

***Total*** **Rs:12,06,990/-**

PART X **C.C TOPPING**

1. Barrow pit excavation undressed lead up to 100 ft in

ordinary soil (CSI-3(a) P-1)

Qty**. 8910.0 CFT** @Rs.2117/50 P%0 Cft. Rs.18867/-

2. Lying Earth in 6” layers & leveling dressing &

Watering for Etc complete. (CSI-13(b)P-3)

Qty: **8910.0 CFT** @Rs.354/- P%0 Cft Rs.3154/-

3. Extra for every 50”ft additional lead or part there of

(C.S.I No: 8 (a) P-3)

Qty: **8910.0 CFT** @Rs.5039/- P%0 Cft Rs.49,433/-

4. Cement concrete brick or stone ballast 1 ½” to 2” guage

Ratio 1:4:8 (CSI No.4(b)9 P. 15).

Qty. **2940.30 CFT** @Rs.9416/28 P% Cft. Rs.2,76,867/-

5. Cement concrete plain 1:2:4 i/c placing compacting

finishing and curing complete i/c screening and

washing of stone aggregate without shuttering

(CSI No.5 P.No.16)

Qty. **2227.50 CFT** @Rs.14429/25 P% Cft. Rs.3,21,412/-

6. Errection & removal for centering of therefore of Rcc

Partial wood (CSI .No. ) Ratio: 1:2:4.

Qty: **396.0 Sft** @Rs.3588/48 P% Sft. Rs.14,210/-

**Total Rs.6,83,993 /-**

**DETAILED WORKING ESTIMATE CONSTRUCTION OF NALA & BRICK PAVEMENT VILLAGE QADIR BUX JAMRO U/C JHANDO**

**MASHAIKH DISTRICT KHAIRPUR**

**ABSTACT OF COST**

1 RCC COLLECTING TANK Rs 1301481/-

2. SCREEN CHAMBER Rs. 136847/-

3. INTER CONNECTION Rs.22273/-

4. PUMP HOUSE Rs. 251923/-

5. COMPOUND WALL Rs. 475906/-

6. A.C RISING MAIN 6” DIA Rs. 370765/-

7. PUMPING MACHINARY 15 BHP Rs. 715820/-

8. INTER CONNECTION Rs.282852/-

9. SURFACE DRAINS Rs.1206990/-

10. CC TOPPING Rs.683993/-

11. Diesel Oil Engine Rs.680000/-

Total Rs-6128850/-

C O N D I T I O N S

01. Any error / omission in the description of items of work rate original schedule

will correct accordingly under executive engineer Public Health Engineering

division II khairpur @ Ranipur .

02. premium will be allowed as non , schedule items.

03. The work will be carried out as per P.W.D. specification and approval details. working estimates .

|  |  |
| --- | --- |
| Contractor | Executive Engineer  Public Health Engineering  Division II Khairpur @ Ranipur |