NAME OF WORK: - **Construction of Surafce Drains & CC Block Village Syed Baqar Shah Taluka Sobhodero**

Name of Contractor: - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Whom tender issued: - GOVERNMENT CONTRACTOR

Tender fee received : - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

D.R No : - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dated : - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **EXECUTIVE ENGINEER**  PUBLIC HEALTH ENGINEERING  DIVISION-II KHAIRPUR @ RANIPUR |

MEMORANDUM

General Description As Above

Estimated Cost Rs.2800000/-

Earnest Money @ 2% Rs. 56000/-

Security Deposit @10% Rs.280000/-

Percentage if any to be Rs.224000/-

Deduction from bill 8%

Date of written order to complete **12 Months**

I/We here by tendered for execution of above work at percentage rate \_\_\_\_\_\_\_\_\_ below/above on schedule rate in the schedule B in accordance with section designed drawing etc and shall executed the agreement on the proper from in case may tender in accepted.

Earnest shape of call deposit vide no\_\_\_\_\_\_\_\_\_\_\_\_\_ dated \_\_\_\_\_\_\_\_\_\_\_ for Rs\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Contractor

**EXECUTIVE ENGINEER**

PUBLIC HEALTH ENGINEERING

DIVISION-II KHAIRPUR @ RANIPUR

Bid Reference No:- **Construction of Surafce Drains & CC Block Village Syed Baqar Shah Taluka Sobhodero**

To,

The Executive Engineer,

Public Health Engg. Division-II

**Khairpur.**

**GENTLEMAN.**

1. Having examined the Bidding Documents instructions to bidders, bidding datea conditions of Contract, Contract Data, specification, Drawings, if any, Schedule of prices and agenda Nos: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for the execution of the above named works, we the undersigned being a company doing business under the name of and address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and being duly incorporated under the laws of Pakistan hereby offer to execute, and complete such work and remedy any defects therein in conformity with the said Documents including agenda there to for the Total Bid Price of Rs.\_\_\_\_\_\_\_\_\_\_\_ (Rupees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) of such other sum as my be ascertained in accordance with said Documents.
2. We understand that all the schedules attached here to form part of this Bid.
3. As security for due performance of the undertaking and obligations of this Bid, we submit herewith a bid security in the shape of call deposit No. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ dated: \_\_\_\_\_\_\_\_\_\_\_ Bank \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the amount of Rs. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ drawn in your favour or made payable to your and valid for a period of twenty eight (242) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted to commence the work and to deliver and complete the work comprised in the contract within the time9s) stated in contract data.
5. We agreed to abide by this Bid for the period of **12 Months** from the date fixed for receiving the same and it shall remain binding upon and may be acceptable at any time before the expiration of that period.
6. Unless and until a formal agreement is prepared and executed this bid together with your written acceptance thereof, shall constitute a binding contract between us.
7. We undertake if our Bid is accepted to execute the performance security referred to in conditions of contract for the due performance of the contract.

**Contd: P/2**

1. We understand that you are not bound to accept the lowest or any bid your may receive.
2. We do hereby declare that the Bid is made without any collusion comparison of figures or arrangement with any other person or persons making a bid for the works.

Date this \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Day of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2017.

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

In the capacity of \_\_\_\_\_\_\_\_\_\_\_\_\_ duly authorized to sign bid for and on behalf of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

(Name of Bidder in Block Capitals).

**(S E A L)**

Address:

WITNESS:

Signature:- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name :-

Address :-

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| **EXECUTIVE ENGINEER**  PUBLIC HEALTH ENGINEERING  DIVISION-II KHAIRPUR @ RANIPUR |

**BIDDING DATA**

(This section should be filled in by the Executive Engineer Public Health Engineering Division-II Khairpur @ Ranipur before issuance of the Bidding Documents).

|  |  |
| --- | --- |
| **a)** Name of Procuring Agency | **Executive Engineer Public Health Engineering Division-II Khairpur @ Ranipur** |
| **b)** Brief Description of Work | **Construction of Surafce Drains & CC Block Village Syed Baqar Shah Taluka Sobhodero** |
| **c)** Procuring Agency’s address | **Office of the Executive Engineer Public Health Engineering Division-II Khairpur @ Ranipur** |
| **d)** Estimated Cost | **Million: 2.800** |
| **e)** Amount of Bid Security | **2%** |
| **f)** Period of Bid Validity (Days) | **60 Days** |
| **g)** Security Deposit (Including Bid Security) | **10%** |
| **h)** Percentage if any, to be deducted from bills (Income . Tax + Security Deposit) | **Income Tax Rs: 7.5%**  **Security Deposit Rs: 10%** |
| **i)** Deadline for submission of Bids along with time. |  |
| **j)** Venue, Time and Date of Bid opening | **Office of the Executive Engineer Public Health Engineering Division-II Khairpur @ Ranipur** |
| **k)** Time for completion from written order of commence. | **12 Months** |
| **l)** Liquidity Damages | **0.5%** |
| **m)** Deposit Receipt \_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Amount \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| **n)** D.R No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date and Amount \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Rs: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| **o)** Tender issued to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |

**(Authority Issuing Bidding Documents)**

**EXECUTIVE ENGINEER**

PUBLIC HEALTH ENGINEERING

DIVISION-II KHAIRPUR @ RANIPUR

**SCHEDULE “B**

|  |  |
| --- | --- |
| **Name of work** | ***CONSTRUCTION OF SURFACE DRAINS& C. C BLOCK VILLAGE SYED BAQIR SHAH TALUKA SOBHODERO DISTRICT KHAIRPUR.*** |

**PART I** **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. 1719.00 Cft @ Rs.3176/25 P %Cft. Rs:5,460/-

2. 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: 362.25 Cft @Rs.11288/75 P %Cft Rs:40,893/-

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

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

Qty: 1065.0 Cft @Rs.11948/36 P% Cft Rs:1,27,250 /-

4. 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.450.0 Rft @Rs.94/- P Rft. Rs.42,300/-

Type – II

Qty.120.0 Rft @Rs.174/- P Rft. Rs.20,880/-

5. 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**. 90.12 Cft** @Rs.337/- P% **Cft .** Rs:30,370/-

6. 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. **3.21 Cwt** @Rs.4820/20 P cwt Rs.15,473/-

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

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

Qty. **1564.20 Sft** @Rs.2283/93 P% **Sft.** Rs.35,725/**-**

***Total Rs:3,18,351 /-***

**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/-

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/-**

**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.799/- 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 – IV 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/-

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

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

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

2. 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/-

3. 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/-

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

Qty: 576.0 Cft @Rs.1758/08 P. % Cft Rs.10,127/-

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

(CSI No.27 P.No23)

Qty: 285.50 Sft @Rs.1834/75 P. % Sft Rs.10,313/-

6. 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: 693.83 Cft @Rs.12674 /36 P. % Cft Rs.87,939/-

7. Cement plaster (Aster) 3/8” thick.1:4: complete

(CSI No:5 PNo:18)

Qty: 1021.50 Sft @Rs.2206/60 P. % Cft Rs.22540/-

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

Qty: 1021.50 Sft @Rs.2283/93 P. % Sft Rs.23330/-

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

Qty: 802.50 Sft @Rs.1213/58 P. % Sft Rs:9739/-

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

Qty: 1021.50 Sft @Rs:425/84 P.% Sft Rs.4350/-

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

Qty: 1021.50 Sft @Rs:829/95 P. %Sft Rs.17,499/-

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:4,26,208/-**

**PART – V 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: 140.0 Cft @Rs.3176/25 P. %0 Cft Rs.4,445/-

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

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

Qty: 57.52 Cft @Rs.9416/28 P. % Cft Rs.5,416/-

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

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

Qty: 74.25 Cft @Rs.17723/- P. % Cft Rs.13,159/-

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

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

Qty: 43.12 Cft @Rs.25321/- P. % Cft Rs.10,918/-

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: 43.12 Cft @Rs.4982/18 P. % Cft Rs.2,122/-

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

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

Qty: 72.0 Sft @Rs.1062/33 P. % Cft Rs.765/-

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

Qty. 216.0 Cft @Rs.12674/36 P% Cft. Rs.27,377/-

08. 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/-

09. 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/-

10. 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/-

11. 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. 60.06 Cft @Rs.1512/50 P %0 Cft . Rs.91/-

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

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

Qty.30.03 Sft @Rs.1141/25 P % Sft Rs.343/-

13. 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. 64.0 Sft @Rs.4411/82 P % Sft Rs.2,824/-

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

Qty.307.50 Sft @Rs.1287/44 P % Sft Rs.3,959/-

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

Qty.388.50 Sft @Rs.2197/52 P % Sft Rs.8,537/-

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

Qty.388.50 Sft @Rs.2283/93 P % Sft Rs.8,873/-

**Painting New Surface**

17. 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/-

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

Qty: 388.50 Sft @Rs:829/95 P.% Sft Rs.3,224/-

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

Qty:307.50 Sft @Rs:859/90 P. %Sft Rs.2,644/-

Total Rs:1,87,666/-

**PUMPING MACHINERY 10 BHP**

1. Supplying & installing in position transportation at site for Disposal Village Syed Baqir Ali Shah Taluka Sobhodero Disst: Khairpur Electric Set 1450 RPM (China) made by 10 BHP ILA-133-6 AA-60 3-phase 50 cycles coupled Golden NON-CLOSING pump (Type NP 80-400 size 3”x4” mounted on common steel frame or base plate capable of discharging 100 gallons per minute against a head of 40 ft i/c installation of pumping set installing of pumping set cement concrete foundation Ratio 1:2:4 with MS nuts and bolts of 1/2” dia to be embedded in CC foundation i/c providing and fixing star delta starter complete wit not volts and over load release and required i/c providing and fixing on prepared board iron clad triple pole and and neutral switch fuse with rewire able type fuse link carried 500 volts grade i/c providing fixing mattered board accommodate main or sub main control switch recessed in the wall size 3”x2 ½ i/c providing phase indication bulbs with holder and providing internal electric wiring for mains switch 3-111-0074 (PL 0.44) PVC insulated wire 660 volts grade in 25 mm (1”) PVC conduct on surface as required i/c providing and fixing ear thing set 0.6mx6.3mm 2’x2 ½ C.I plate buried in the ground at depth of 3.7mm (12’) or lass as per pak: PWD specification and testing of the pumping set against set required dead of 72 hours etc complete (RA attached).

Qt 1 set @Rs.182500 /- P set Rs.182500/-

Total Rs.182500 /-

1. Providing laying main or sub main pvc in size 3-7/44 mm copper coundter ¾” dia ( ESI-18 P-3)

Qt.200.0 Meter @Rs.422/- P / Meter Rs.84400/-

**Total Rs.2,66,900/-**

**INTER CONNECTION**

1. Providing & Installing M.S Pipe made out of M.S Sheet 3/16” thick

6” Dia **Pipe for Suction**

Qt. 66.0 rft. @Rs.1207/40 P Rft. Rs.79688/-

**6” Dia for Delivery**

Qt. 16.00 rft. @Rs.1207/40 P Rft. Rs.19318/-

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

**For 6” Dia**

Qt. 18.0 Nos. @Rs.938 /- Each Rs.16884/-

3. Supplying CI sluice valve heavy pattern test pressure 21.0 kg sq cm 300 lbs sq inch. (MSI No.2 P.9)

6” dia

Qt. 3.0 Nos. @Rs.9360/- Each Rs.28080/-

4. Supplying reflex valve heavy pattern test pressure 21.0 kg or CM or 300 lbs sq inch. (MSI No.6 P.5.5)

6” Dia for Suction

Qt. 3.0 Nos. @Rs.1706/25 Each Rs.5118/-

5. Supplying C.I foot value heavy (pattern with type (SMI No 4 P No 10)

Qt. 3.0 Nos. @Rs.893/75 Each Rs.2681/-

6. CI Bend of flanged end with holes i/c trenches and facing of flanged for all size (SMI No.7.5 P.11).

Qt. 0.787 Cwt. @Rs.6096/- 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.11)

for Delivery

Wt of Each

Qt. 0.309 Nos. @Rs.6096/- P Rft. 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.11)

C.I Tee 6” x 6”x6” Dia

Qt. 0.356 Cwt. @Rs.6096/- P Rft. 2170/-

9. Jointing CI/MS flanged pipe to special flanged and inside threaded i/c supplying rubber packing the required thickness nuts and bolts with wisher and other required for jointing and testing the joint to the specified pressure etc complete (PHSI No.1 P.35).

**(c) 6” Dia Joints for suction**

Qt. 31 Joints @Rs.513/- P. Joint. Rs.15903/-

10. Cost Iron Specila for AC Pressure Pipe standared wt for ACIL “B” class.

C.I Gibault Joint 6” Dia

Qt. 1.0 Nos. @Rs.568/75 Each Rs.569/-

**Total:- Rs.177091 /**

**PART DIESEL OIL ENGINE 12 BHP**

1. Supplying and installing Diesel Oil Engine 12 BHP golden pump (KWPZ80400 company) Drainage Scheme For Village Syed Baqir Ali shah Taluka Sobhodero & District Khairpur and fixing in position i/c transportation to site of work Ranipur, Diesel Oil Engine set consisting of Diesel 12 BHP 2200 RPM non closing pump type – KWPZ 80 – 400, size 4 x 3 capable of going Diesel 135 Gallons per minute a head of 130 mounted from are based plate installing of pump set cement concrete foundation (Ratio 1:2:4) With cc stone of 5x8 (RA attached urban Drainage Scheme For Village Syed Baqir Ali Shah )

Qty: 01 Sets @Rs: 155000/- P. Set Rs: 1,55,000/-

**Total Rs: 1,55,000/-**

**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/-

G Total **Rs:2,66,916/**

**Inter Connection r.c.c pipe**

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/-

**GENERAL ABSTRACT OF COST**

1. EXTERNAL & INTERNAL DRAIN Rs.3,18,351 /-

2. RCC COLLECTING TANK Rs.5,09,087/ -

3. SCREEN CHAMBER Rs.1,36,847 / -

4. I /CONN: RCC PIPE 12”DIA Rs:10,052/-

5. PUMP HOUSE Rs.1,87,666/ -

6. PUMPING MACHINARY

DIESIL ENGINE 16 BHP I/Conn Rs.4,21,900/-

7. INTER CONNECTION Rs.1,77,091/-

8. A.C RISING MAIN 6” DIA Rs.2,66,916/-

9. COMPOUND WALL Rs. 4,26,208/ -

Total **Rs.24,54,018/-**

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 .

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