***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 :* | ***DRAINAGE SCHEME VILLAGE QADIR BUX JAMRO U/C JHANDO MASHAIKH DISTRICT KHAIRPUR.*** |
| ***c*** | *procuring agency’s Address* | **Taluka Sobhodero District Khairpur** |
| ***d*** | Estimated Cost | Rs. 30, 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: DRAINAGE SCHEME VILLAGE QADIR BUX JAMRO U/C**

**JHANDO MASHAIKH DISTRICT KHAIRPUR**

**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. 2260.50 Cft @ Rs.3176/25 P %Cft. Rs:7178/-

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: 500.50 Cft @Rs.11288/75 P %Cft Rs:56500/-

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

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

Qty: 1371.0 Cft @Rs.11948/36 P% Cft Rs:136812/-

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.500.0 Rft @Rs.94/- P Rft. Rs.47000/-

Type –II

Qty.200.0 Rft @Rs.174/- P Rft. Rs.34800/-

Total Rs:282290/-

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**. 93.96 Cft** @Rs.337/- P% **Cft .** Rs:31665/-

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. **3.355 Cwt** @Rs.4820/20 P cwt Rs.16172/-

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

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

Qty. **2348.0 Sft** @Rs.2283/93 P% **Sft.** Rs.53627/**-**

***Total*** **Rs:3,83,754/-**

PART  **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 /-**

**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/-

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

1. 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/-

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

1. 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/-

1. 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/-

1. 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/-

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

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

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

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

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:4,26,208/-**

**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/-

GENERAL ABSTRACT OF COST

Part-I SURFACE DRAINS Rs. 3,83,754/-

Part- II C.C TOPPING Rs. 6,83,993 /-

Part- III RCC COLLECTING TANK 10” DIA Rs. 5,09,087/-

Part-IV SCREENING CHAMBER 5’X8’ Rs. 1,36,847/-

Part-V Inter Connection Rs. 10052/-

Part-VI Pumping Machinery Rs. 540000/-

Part-VII Diesel Oil Engine Rs. 155000/-

Part-VIII Inter Connection Rs. 53370/-

Part-IX COMPOUND WALL Rs. 4,26,208/-

Part-X PUMP HOUSE Rs. 251923/-

Total **Rs.3150234/-**

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 |