**PART-III PUMPING MACHINERY**

1. Providing and installing in position i/c transportation to site @ Disposal Work for Rural Drainage scheme Baqar Khan Maree Electric Pumping Set 1450 RPM (KSB made) ILA 7 1135/L AA60 65-315 made by 750 BHP 3-phase 50 cycles coupled KSB non clogging pump size 3”x2 ½” mounted on common steel frame or base plate capable of discharging 317 gallons per minute against a head of 80’ft i/c installing of pumping set on cc foundation Ratio 1:4:8 and Ratio 1:2:4 with ballast with MS nuts and bolts of 5/8.5”dia to be embedded in cc foundation i/c Providing and fixing automatic motor control unit (MCU) consist of oil starter (MEECO Pakistan) MCCB breaker 10-A to 50-A (Shihin Taiwan) cut out 60-A (China Amp meter) (60-A SELCO China) volt meter (500V) (SELCO China) phase indication light China i/c transformer oil (2 litres) panel board 18”x26”x9” and internal wiring complete providing & fixing earthing set with 2x 2x ¼”copper plate burried in the ground at depth (12’) or less if water comes outfrom the ground level with salt and choreal etc i/c making the pit 12’deep by excavation of all type of soil earth plate to be connected with No.8 SWG before copper wire run in ½” G.I Pipe straight from the earth plate i/c 72 Hours testing charges.

Qty: 01 Set @ Rs. 6,83,000/- P.Set Rs.6,83,000/-

2. Supplying and installing Diesel engine set i.c transportation to site Drainage Scheme Baqar Khan Maree Diese Engine 16 BHP (Goledn made) model GD-1110 L2200 RPM coupled with golden non clogging horizontal semi open impeller pump type GSWG-103 size 4”x3” capable discharge of 170 GPM against a head of 47’ft. installing of pump set c.c foundation (Ratio1:2:4) with cc stone 5/8”dia to be embedded in cc foundation plinth of the pumping set for 72 hours under actual condition etc complete (RA attached)

Qty: 01 Set @ Rs. 203000/- P-Set Rs.203000/-

**INTER CONNECTION**

3.Maniufacturing and installing M.S pipes 3”Dia made out of sheet 3/16

thick.

Qty: 32.00 Rft. @ Rs. 500 P-Rft. Rs. 16000/-

4. Providing, Laying & fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polythylene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 (PHSI No. F (i) P-25).

Qty: 482.00 Rft. @ Rs. 268/- P-Rft. Rs. 12864/-

5. Manufacturing & installing 3”x4”dia MS flange made out of M.S sheet 3/8” thick cutting drilling holes etc complete (RA approved based on schedule of rates)

Qty: 26 Nos @ Rs.1148/- Each Rs.29848/-

6. Supplying C.I Bend of Flanged ends with holes i/c turning and

facing of flanges for all size (S.R.M.I No.8 (b)Page.11)

C.I bend 90\*

Qty: 0.89 cwt @ Rs. 6096/- P-Cwt Rs. 5443/-

7. Supplying C.I Tapered flate bottomed or central teperd Flanged ends with

holes i/c turning and facing of flanged for all size.

(S.R.M.I No.8 (b)Page.11)

Qty: 0.36 Cwt @ Rs. 6096/- P-Cwt Rs. 2177/-

8. Supplying C.I. Tee with flanged ends with holes i/c turning and

facing of flanges for all size (S.R.M.I No.12(a) Page.11)

Qty: 0.18 Cwt @ Rs. 6096/- P-Cwt Rs. 1089/-

9. Supplying sluice value heavy pattern test pressure 21.0 kg or CM or 300Sq inch imported

(SRMI No.2(d) P-9)

Qty: 02 Nos @ Rs.5460/- Each Rs. 10920/-

10. Supplying C.I Reflex value heavy pattern test pressure 21.0 kg or CM or 300Sq inch imported

(SRMI No.6 P-10)

Qty: 02 Nos @ Rs.1706/25 Each Rs. 3413/-

11. Supplying C.I foot value heavy pattern with one type gate. (Imported)

(PHSI No.3 P-10) 4”Dia

Qty: 02 Nos @ Rs.893/75 Each Rs. 1788/-

12. Butt fusion joint.

4”Dia

Qty: 26 Nos @ Rs.1000/- Each Rs.26000/-

13. Flange adapter (NSI) 4”Dia

Qty: 26 Nos @ Rs.1215/- Each Rs.31590/-

14. Jointing C.I / M/S flanged pipe or special flanged ends inside

a trenches i/c supplying rubber packing of the required thickness

nuts bolts with washers etc and other tools required for Jointing

and Testing to the specified pressure etc complete (PHSI No.M(b) P.40)

Suction site

Qty: 26 Joints @ Rs.513/- P/Joint Rs. 13338/-

**Total Rs.1040469/-**

#### ABSTRACT OF SCHEDULE “B”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | Name of Work | Schedule Item | Non Schedule Item | Total |
| 1 | Oxidation Pond i/c Sum well | Rs.12958 | - | Rs.122958 |
| 2 | Compound wall i/c CC Topping | Rs.559954 | - | Rs.559954 |
| 3 | Pumping Machinery | Rs.1040469 | - | Rs.1040469 |
| 4 | P.E Pipe Delivery Main | Rs.265483 | - | Rs.265483 |
|  |  |  |  |  |

CERTIFICATE

1. Any error or omission in the description of items or rates the original estimate schedule of rates will be referred to correct accordingly.

1. No premium will be allowed on non-schedule items.
2. The work will be carried out according to the drawing design and specifications shown in the estimate.

**EXECUTIVE ENGINEER**

**PUBLIC HEALTH ENGG: DIVISION**

**NAUSHAHRO FEROZE**