**SCHEDULE B” PROVIDING INSTALLING AND TESTING PUMPING MACHINERY 15 BHP I/C DIESEL ENGINE FOR REHABILITATION OF URBAN DRAINAGE SCHEME JHOL TALUKA SINJHORO DISTRICT SANGHAR.**

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

1. Supplying installing and testing in position i/c transportation at site of work Urban Drainage Scheme Jhol electric pumping sets consisting of AC Electric Motor 15.0 BHP 3phase 50 cycle 400/420 volts of 960 RPM Siemens made (Type 1601 coupled with non clogging pump Type KWPZ 80-400 size 4’x3” mounted on common base steel frame or base plate capable of discharge 460 gallons per munite against a head of 50 ft i/c installing of pumping set on cement concrete foundation nuts and bolts of 5/8” dia to embed in cc foundation i/c providing motor contril Unit MCU consists of circuit breakers magnetic i/c conductor over level protection under/over voltage protection phase failure protection of meter with current transformer volts meter with potential transformer automatic star delta charge over switch control and powers cables indicating lights and all these components are fixed in a automatic duct and smoke proof box i/c providing internal electric wiring for main with 3-7 /0.44 PVC insolated wire 660 volts grade in 1” (25mm) PVC conduct on surface as required i/c P/F ear thing etc with (2’x2’x1/4’)(0.6x0.6x6.25 mm)G.I Plate buried in the ground at a depth of 12’ (3.7m) or less as per Pak P.W.D specification and testing of pumping set against a head of 72 hour sets complete. (R.A Attached).

P/Machinery 1x1=1 Set. Rs: 1038065/- P/Set. Rs.1038065/-

1. Supplying and installing in position i/c transportation to site of work at Urban Draiange Scheme Jhol Diesel pumping set 22 BHP 2200 RPM coupled with non clogging pump type KWPZ 80-400 size 4”x3” mounted on coomon steel frame or base plate capable of discharge of 460 gallons per minute against a head of 50 ft i/c making cment concrete foundation ratio (ratio 1:2:4) and CC 1:4:8 with ballast with MS nuts and bolts of 5/8” dia to be embedded in cc foundation i/c testing of pumping set against the required head of 72 hours testing charges etc completed …

01 Set Rs. 777680/- P/Set Rs. 777680/-

3. Manufacturing installing M.S pipe 6”dia made out MS sheet 3/18’ thick i/c cutting folding proper curvature shape welding etc complete.(R.A Attached)

4” dia 96.0 Rft. Rs. 506/60 P/Rft. Rs. 48634/-

4. 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. (R.A Attached)

4”dia

2 x10 =204.0 Nos: Rs.596/75 Each. Rs: 11935/-

5. C.I Tee flanged end with hoile i/c turning and facing flanges (PHSMI No. P/ )

4”x4x”2”

0.45 Cwt Rs. 6076/- P/Cwt Rs. 2743/-

6. 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-11).

Suction. Bend 90 4”dia

1.12 Cwt Rs: 6096/- P/Cwt. Rs: 6828/-

7. C.I Foot valve heavy pattern with cone type gate imported. (S.O..M.I.No: 4 P/16)

4”Dia. 1x3.0 =3.0 Nos: Rs.893/75 Each. Rs.2681/-

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

3”Dia. 1x 3. 3.0 No: Rs.4290/- Each. Rs. 12870/-

9. 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)

3”Dia. 1x 3. 3.0 Nos: Rs.1543/75 Each. Rs. 4631/-

10. 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. 1x9=9 Joints. Rs.513/- P/Joint. Rs. 4617/-

3”Dia. 1x12=12 Joints. Rs.499/- P/Joint. Rs. 5988/-

Total Rs. 1916672/-

**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