**Name of the work :- Providing & Erection of New Standby Submercible Pump Set with Pipe Line for filling Elevated Storage & Reservior @ Haldipurani Lift Irrigation Scheme, Dist. Gadchiroli.**

| Sr | Description of Item | Qty. | Unit | Rate / Item | Amount |
|---|---|---|---|---|---|
| 1 | 3 | 1 | 2 | 4 | 5 |
| 2 | Supplying and erecting minimum Three & above star rated submersible pump set suitable for erection on open well of 5.625 KW/7.5 HP with 415 V 50 c/s. A.C. supply, having delivery head from 57 to 22 m and discharge from 120 to 900 litres. per minute & pipe of Suction 75 mm/Delivery 65 mm diameter erected with necessary H type clamps as per specification No. WP-OSP | 1 | No | 41191.70 | 41191.70 |
| 2 | Item No. 12-4-17 – Supplying & Erecting automatic control panal for 3 ph, 415 Volt, A.C. Submercible / Centrifugal Pump set upto 7.5 HP consisting of DOL, Starter having relay range 9, 14 Amp. S.P.P., Combined Ammeter / Voltmeter, Phase indicating Lamp enclosed in CRCA powder coated, Vibration Proof enclosure with IP 54 Protection. Control Panal should offer Single phasing, Phase reversal, Phase Imbalance. etc. | 1 | No | 6669.30 | 6669.30 |
| 3 | Item No. 12-4-10 – Supplying & Erecting flat flexible 3 core 6 sq. mm. PVC sheathed Submercible type copper cable suitably clamped at fixed intervals with column pipe assembly complete. | 40 | m | 294.80 | 11792.00 |
| 4 | Item No. 1-2-20 – Supplying & Erecting GI flexible Conduit 25 mm dia. conforming to I.S. with required number of couplings, bushes,check nuts etc. on Wall / Ceiling as per specification No. WG - MA / CON. | 40 | m | 53.90 | 2156.00 |
| 5 | Supplying and erecting ISI mark GI pipe 65 mm dia.'B' class at position with accessories complete as per specification no. CW-PLB/GP. m 677 | 30 | m | 938.30 | 28149.00 |
| 6 | Supplying and erecting 75/80 mm dia cast iron double flange ball type NRV complete with PN16 pressure rating, as per specification no. FF-VL/NRV | 2 | No | 9265.30<br>9254.30 | 18530.60<br>18508.60 |
| 7 | Wire Rope - Supplying & Erecting Water Proof Wire Rope I.P.G. with F.M.C. having construction 6 x 36 Regular Lay for holding submercible Pump. Size 14 mm. As per IS 2260. | 20 | m | 227.00<br>207.9 | 4540.00<br>207.9 |
| 8 | ~~Item No. 2-13-3 - Wire Rope Clamps - Supplying and Erecting Wire~~ Rope clamp ~~of 15 mm. M.S. Round of required length and 15 mm. nuts~~ with ~~necessary Threads.~~ | 4 | No | 216.00 | 864.00<br>4458 |
| 9 | Supplying and erecting 75/80 mm dia. cast iron double flange sluice valve complete with PN16 pressure rating, as per specification no. FF-VL/SV | 1 | No | 6538.40 | 6538.40 |
| 10 | Supplying & Erecring of 65 mm " B" GI Bend of 65 mm dia.in position with necessary matterial | 2 | No | 356.40 | 712.80 |
| 11 | Supplyiong & Erecring of 65 mm " B" Class GI "Tee" of 65mm dia.in position with necessary matterial | 2 | No | 604.80 | 1209.60 |
| | | | | Total Rs. | ~~122353.40~~ 121 |
| | | | | Total Rs. | 122353.40 |
| | | | | Adding GST @ 18 % Rs. | 22023.61 21 |
| | | | | Total Amount Rs. | 144377.01 |

( Rs. One Lac Fourty four Thousand three Hundred Seventy Seven Only.

142880.77 :
142881

Estimate Prepared by,

(P.M.Kusange)
Sect. Engr.

Estimate Checked by,

(P.U.Selokar)
Deputy Engineer Lift
Irrigation Mechanical Sub.Div.
No.5,Mul.

Sanctioned Estimate No/10/....Year 23-24 Dt. 20/12/23
Amount Rs. 142881/- In Words. One lac forty two thousand Eight hundred Eighty one only

Executive Engineer
Mechanical Lift Irrigation Dn No. 2
Chandrapur