

Abstract

Name of the work :- Providing & Erection of New Submersible Pump Set with Pipe Line for filling Grounded Storage & Reservoir & EOT maintenance at Palasgaon Amdi LIS Dist- Chandrapur.

SN	Description of Item	Qty.	Unit	Rate / Item	Amount
1	2	3	4	5	6
1	Supplying and erecting minimum Three & above star rated 3 phase, 415 V, 50 Hz. submersible pump set of 7.5 KW/10HP suitable for erection on openwell, pump having delivery head from 72 to 28 m and discharge from 120 to 840 litres. per minute & pipe of Suction 65 mm Delivery 50 mm diameter erected with necessary H type clamps as per specification No. WP-OSP	1	No	47718.00	47718.00
2	Supplying & erecting automatic control panel for 3 Ph, 415 volt. A.C. Submersible/centrifugal pump set up to 7.5 HP - 10 H.P. consisting of DOL starter having relay range 13-21 AMP.S.P.P., Combined ammeter/voltmeter, phase indicating lamp enclosed in CRCA powder coated Vibration proof enclosure with IP 54 protection. Control Panel should offer single phasing, phase reversal, phase imbalance etc.	1	No	8350.10	8350.10
3	Item No. 12-4-10 - Supplying & Erecting flat flexible 3 core 6 sq. mm. PVC sheathed Submersible type copper cable suitably clamped at fixed intervals with column pipe assembly complete.	40	m	293.70	11748.00
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.	35	m	53.90	1886.50
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.	46	m	839.30	38607.80
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	1	No	7082.90	7082.90
7	Wire Rope - Supplying & Erecting Wire Rope 14 mm Dia., 6 X 36 Coated Fiber Core Galvanised with T62.	23	m	227.00	5221.00
8	Supplying and erecting 75*80 mm dia. cast iron double flange sluice valve complete with PN16 pressure rating. as per specification no. J.F-NL SY	1	No	6855.20	6855.20
9	Item No.13-14-1 - Supplying & erecting Carbon Dioxide (CO2) fire extinguisher of 4.5 kg.capacity cartridge type conform to IS 2878/15683 complete erected with necessary clamp made from 50 x 6 mm. M. S. flat with nut & bolts routed in wall complete.	5	No	10937.30	54686.50
10	Item No.13-14-2 - Refilling of fire extinguisher of CO2 type by dismantling from site to workshop for refilling which includes removing of existing powder and cleaning the cylinder, delivery pipe, nozzle internally and refilling new powder complete with reinstalling properly at site with necessary certificate.	15	Kg	227.70	10246.50
11	Checking & tightening of various Nuts Bolts & replacing damaged ones of pedestals, R.G.B. motor, brake drums & couplings of Wire Rope Drum type 10.5 MT Capacity Hoist: - 1 No. Complete job with cost of sundry material and labour charges. (Excluding New Material Charges)	1	No	3368.53	3368.53

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12	Draining of Old Oil from RGB & filling with new gear oil GX 90 - 3 Ltr. Cleaning gear train by removing old grease & Applying M.P. Grease - 2 Kg to Gear train, Pedastal, Drum axle of 5 MT cap Hoist -1 No. Complete job with cost of material, sundry material & labour charges	✓	No	4399.2 4032.61	4399.2 4032.61
13	Draining of Old Oil from RGB & filling with new gear oil GX 90 - 7 Ltr. Cleaning gear train by removing old grease & Applying M.P. Grease - 4 Kg to Gear train, Pedastal, Drum axle of 10 MT cap Hoist -1 No. Complete job with cost of material, sundry material & labour charges	✓	No	827 5336.99	827 5336.99
				207431.33	Sub Total Rs. 205992.43
					2059.92
					208052.36
					2080.52
				207431.33	Total Rs. 210132.88
				37337.63	Adding GST @ 18 % Rs. 3610.76
				244768.96	Total Amount Rs. 236676.64
					247957.00
					Say, total Amount, Rs.:-

(Rs . Two Lakh Fourty Seven Thousand Nine Hundred Fifty Seven Only.

Estimate Prepared by ,

P. S. Thakare
(P. S. Thakare)
Asst. Engr-2

Estimate Checked by, *244768.96*

N. B. Agashe
(N. B. Agashe)
Deputy Engineer

Lift Irrigation Mechanical Sub.Div. No.3,
Chandrapur.

Sanctioned Estimate No. *38* Year *24-25* Dt. *29/07/24*
Amount Rs. *236676.64* In Words *Two Lakh thirty six Foety four
thousand ~~and~~ hundred and ~~seventy~~ ~~and~~ only
seven *Sixty nine**

OLC
Jr
Executive Engineer
Mechanical Lift Irrigation Dn No.
Chandrapur