

Name of the work :- Providing & Erection of New Submersible Pump Set including Pipes & fittings for
 Lifting Elevated Storage & Reservoir & other pipelines @ Dongargao Thanegao Lift Irrigation Scheme,
 Dist. Gadchiroli.

Abstract

Q.No.	Unit	Description of Item	Rate	Item	Amount
1	2	3	4	5	6
✓	No	Item No. - 12 - 3 - 3 (Submersible Pump Set) Supplying, erecting, testing and commissioning of minimum three & above star rated submersible pump set suitable for erection on open well of 5.625 kW 7.5 HP with 415 V, three phase, 50 Hz, A.C. supply having delivery head from 36 to 14m and discharge from 225 to 1680 lpm & 75 mm suction/ 65 mm delivery dia. as per specification no. WP-OSP. (Required Discharge- 500 LPM at 25mtrs Head)	40849.60	✓	81699.20
2	No	Item No. - 12 - 4 - 17 :- (Automatic control panel) Supplying & erecting automatic control panel for 3 Ph, 415 volt, A.C. Submersible/centrifugal pump set up to 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 Panel should offer single phasing, phase reversal, phase imbalance etc.	7340.3	14680.6	✓
90	mtr	Item No. - 12 - 4 - 10 :- (supply cable) 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.	293.70	✓	26433.00
222	mtr	Item No. - 16-5-9:- (GI pipe 100 mm. dia.) Supplying and erecting ISI mark GI pipe 100 mm. dia. 'B' class at position with accessories complete as per specification no. CW-PLB/GP	1584.00	✓	351648.00
2	No	Item No. - 13 - 7 - 24 :- (NRV 100 NB) Supplying and erecting 100 mm dia cast iron double flange NRV complete with PN16 pressure rating, as per specification no. FF-VLNRV	9506.20	✓	19012.4
3	No	ITEM NO.13-7-14 (Sluice Valve 100 NB) Supplying and erecting 100 mm dia. cast iron double flange sluice valve complete with PN16 pressure rating, as per specification no. FF-VL/SV	10099.10	✓	30297.3
1	No	Item No. PW 2-7: G.I. Tee Supplying and erecting "B" class Tee of 100 mm dia in position with necessary material	1171.00	✓	1171.00
45	mtr	Item No. - A - 6 (a) :- Wire Rope Wire Rope - Supplying & Erecting Wire Rope 14 mm Dia., 6 x 36 Const Fiber Core Galvanised with TC	369.6	✓	16632.00
114.24	kg	Item No. - 9 :- Angle 75X75X6 Supplying & fabrication of guide bracket for pipe support made of Angle 75X75X6 mm (8 mtr) 6.8 kg mtr (54.4 kg+5% wastage)	90.6	✓	10350.1
13.19	Kg	Item No. - 10 :- MS plate 10mm Supplying & Fabrication M. S. plate (100X400X10) mm 2 Nos to clamp Pipe in guide bracket including 5% wastage.	88.64	✓	1169.16
553092.81			554907.27		
			Total Rs. 1108000.08		
			Adding 1% W.C. Rs. 11080.00		
			Adding 1% Insurance Rs. 11080.00		
553092.81			554907.27		
			Total Rs. 1120179.08		

Qty.	Unit	Description of Item	Rate / Item	Amount
1	2	3	4	
		✓ 99556.705	99883.309	
		✓ 652649.51	654790.58	
		✓ 652650.00	654791.00	
			Adding GST @ 18 % Rs.	
			Total Amount Rs.	
			Say Total Amount Rs.	

In Words: Rs. Six Lakh Seventeen Thousand Three Hundred Ninety One Only.

Estimate Prepared by,

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

Estimate Checked by,

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

Sanctioned Estimate No. 88 Year 24-25 Dt. 11/02/2025
Amount Rs. 652650/- in Words Six Lakh Fifty two
thousand Six hundred and Fifty only.

P. U. Selokar
Executive Engineer
Mechanical Lift Irrigation Dn No
Chandrapur