

Abstract

Name of Work - Repair and maintenance of submersible Pump, V.T Pump House Shutter, EOT Crane and painting of various structures at Kotgal LIS, Dist-Gadchiroli.


SN	Description of Item	Quantity	Unit	Rate	Amount
1	Submersible Pump				
	Rewinding of submersible pump motor in borewell of all types and makes above 5 HP up to 25 HP with coated copper wire conforming to IS 13730: 2012, overhauling with minor repairs, lubricating of ball bearings & bush bearing, replacing screws etc. testing for the original speed, H.P. and no load consumption & guarantee for one year.	7.50	HP	2273.70 ✓	17052.75 ✓
2	Painting				
a	Providing and applying anticorrosive coal tar black paint IS 290-1961 in two coats including surface preparation, chipping the welding, cleaning spatters, dust etc. Complete as directed.	665.31 456.11	Sqmt	405.05 ✓	245179.53 184747.35
3	Greasing, straightening and repairing Rolling Shutter				
a	Labour for Greasing, straightening and repairing Shutter	Qty	Unit	Total mandays	
	Fitter for Shuttering / Pipe fitter	1	3	3	3 MD 742.94 ✓ 2228.82 ✓
	Semiskilled Mazdoor	2	3	6	6 MD 742.94 ✓ 4457.64 ✓
b	Material for Greasing, straightening and repairing Shutter	Qty	Unit		
	Multipurpose Grease	5	kg	5 kg	240.79 ✓ 1203.95 ✓
	Cotton Waste	1	Kg	1 Kg	54.18 ✓ 54.18 ✓
	M.S. Nut and Bolts	1	Kg	1 Kg	108.90 ✓ 108.90 ✓
4	Providing and fixing M.S. grill for various Openings at Valve Floor and Control Panel Room			Total	8067.49
	Providing and fixing M.S. grill door 24 Kilogram/One Square Metre of various size as per detailed drawings without hot dip coating, iron fixture sand fastenings and 3coats of oil painting etc. (PWD (civil) CSR 2022-23, Page No. 250, Sr. No.1224.chapter Doors & windows & SSR Item No. 39.31.BDT-55.) (add 10% for Naxalite/Tribal region on above rates)	6.47 ✓	Sqmt	3583.80 ✓	23187.19 ✓
	EOT Maintenance				
5	Checking & tightening of various Nuts Bolts & replacing damaged ones of pedestals, RGB, 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)	1.00	No.	5787.19 4531.34	5787.19 4531.34
6	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, Pedestal, Drum axle of 5 MT cap Hoist -1 No. Complete job with cost of material, sundry material & labour charges	1.00	No.	4436.23 4341.18	4436.22 4341.18
7	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, Pedestal, Drum axle of 10 MT cap Hoist -1 No. Complete job with cost of material, sundry material & labour charges	1.00	No.	5644.73 5153.35	5644.73 5153.35
8	Providing 'X' Ray Quality M.S. Welding For ESR To Booster Pump pipe in all positions with required number of runs, for M.S. pipes internally and / or externally including gauging wherever necessary, fixing appurtenances and other accessories in connection with pipe laying work as per specification.	1.26	rmt	503.36 ✓	632.22 ✓
	A : Single 'V' Butt Joint Butt Joint : Plate thickness 6 mm	1.26			

9	Transportation Charges for Material and Machinery					
	Distance Between Kotgal LIS and Chandrapur = 90 km		2.00	Trip	9147.60	18295.2
	266008.7				Sub Total Rs..	328268.53
	2660.08				Add 1% Insurance, Rs.	3282.69
	268668.78				Total, Rs.	331551.23
	48360.38				Add 18% GST, Rs.	59679.23
	3,17,029.16				Total, Rs.	391230.45
	317029.00				Say Rs..	391230

(Amount in Words : Rs Three Lakh Ninety One Thousand Two Hundred Thirty only.)

Estimate Prepared By


P.S. Thakare
A.E-II


N. B. Agashe
Deputy Engineer
Lift Irrigation Mechanical
Sub Dn No.3 Chandrapur

Sanctioned Estimate No. 109 Year 2024 Dt. 5.2.2024
Amount Rs 317029.15 In Words Three Lakh Ninety One Thousand & twenty nine only


Executive Engineer
Mechanical Lift Irrigation Dn No. 2
Chandrapur