

Abstract

Name of Work –Repair and maintenance of EOT crane, supply and erection of fire extinguishers and Repair to GI Pipeline at Kotgal LIS, Dist-Gadchiroli.

Sr. No.	Description of Item	Quantity	Unit	Rate	Amount
A	Fire Extinguisher				
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.	10.00	Nos.	10827.93	108279.30
2	B. Supplying of the material for maintenanceforced water lubricated type Vertical Turbine Pump				
	List of Material				
1	TBH Oil for TBH, Gear Oil SAE -90	30	Ltrs	30.00	5508.00
2	Multipurpose Grease	12	Kg	12.00	3787.20
3	Cotton Waste	10	Kg	10.00	676.20
4	Cardium Compound Servo 120 (10 ltr)	1	No.	7290.00	7290.00
C	G.I.PIPES				
3	Providing ISI mark G.I. pipe of following class and dia. excluding GST levied by GOI & GOM in all respect, inspection charges, transportation to stores, etc. complete as per IS-1239/2004. (Submersible pump to ESR tank pipe extension to avoid overflow)	6.00	rmt	449.76	2698.54
	MEDIUM				
	50 mm (5.16 kg/m)				
4	Lowering, laying and jointing G. I. pipes and specials of following class and diameter including conveyance from stores to site of works, all labour, etc. complete either	6.00	rmt	88.21	529.25
	MEDIUM				
	50 mm (5.16 kg/m)				
5	Providing ISI mark G.I. pipe of following class and dia. excluding GST levied by GOI & GOM in all respect, inspection charges, transportation to stores, etc. complete as per IS-1239/2004. (DG set Exhaust Pipe Extension out of Booster pump room)	7.00	rmt	750.32	5252.25
	MEDIUM				
	80 mm (8.64 kg/m)				
6	Lowering, laying and jointing G. I. pipes and specials of following class and diameter including conveyance from stores to site of works, all labour, etc. complete either	7.00	rmt	143.75	1006.24
	MEDIUM				
	80 mm (8.64 kg/m)				
D	G.I.Bend " B " Class				
	Supplying and erecting "B" class G.I Bend in position with necessary material. (For DG Set and ESR to Submersible Extension Pipe)				
7	50 mm	3.00	Nos.	224.18	672.53
8	75 mm	3.00	Nos.	469.56	1408.67
E	EOT Crane				
9	Cleaning and applying Cardium compound to Wire Rope Removing Old Cardium Compound of wire rope (100 Mtrs) of 16 MT cap Goliath Crane - 1 No., by cleaning Agent, Applying new Cardium Compound (Servocoat 140) - 12 Kg. including cost of material, sundry material and labour charges with leads & lifts at site etc complete, as per drawings, specifications and or instructions of concern in charge	1.00	No.	10425.36	10425.36
10	Cleaning of old Grease, Lubrication & greasing to various parts of EOT Crane- 12 MT Draining of Old Oil from RGB - 3 Nos. (O:600 - 1No. & O:400 - 2 Nos.) Filling with new gear oil GX 90 - 13 Ltr, Cleaning Gear train by removing old grease, Applying M.P. Grease - 6 Kg to Gear train, Pedastal, Drum axle. etc to 16 MT Goliath crane - 1 No. , including cost of material, sundry material and labour charges with leads & lifts at site etc complete, as per drawings, specifications and or instructions of concern in charge	1.00	No.	11550.66	11550.66
11	Job Work of Dismantling Jammed Thrust Bearing/Bearing Holder (1 No.) of V.T. Pump No.2 of 380 HP and 1000 mm column Pipe Dia. Dismantling of jammed thrust bearing/bearing holder (1 No.) of VTP pump by using a special puller, including removal of anti-rust deposits, application of heating if required, and all necessary efforts for safe removal of the bearing holder. Column pipe Dia. Up to 501 to 1000 mm	1.00	No.	3593.70	3593.70

12	Job Work for Removing and Refitting of Motor of V.T. Pump Removal and refitting of the motor of V.T. Pump as per the manufacturer's manual, including dismantling and refitting the motor on the pump with proper alignment. The work shall be carried out using all necessary tools, tackles, and required sundry materials to ensure safe and correct installation.	1.00	No.	2023.12	2023.12
	251 to 500 KW				
13	Transportation Charges for Material and Machinery Distance Between Kotgal LIS and Gadchiroli (To And Fro) = 30 km	2.00	Trips	2023.12	4046.24
Total Amount, Rs..					168747.26
Add 1% Insurance, Rs.					1687.47
Add 18% GST, Rs.					30374.51
Total, Rs.					200809.24
Say Rs..					200809.00

(Amount in Words : Rupees Two Lakh Eight Hundred Nine only)

Estimate Prepared By

D. M.Dhole
A.E-II

N.B. Agashe

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

Sanctioned Estimate No. 15 Year 2026-27 Dt. 09-09-2026
Amount Rs 2,00,809.24 In Words two lakh eight
hundred nine only.

[Signature]
Executive Engineer
Mechanical Lift Irrigation Dn No. 2.
Babupeth, Chandrapur

o/c