Abstract

Name of Work –Repair and maintenance of EOT crane, supply and erection of fire extenguishers 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 (CO_2) 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	Ltrs	183.60	5508.00
2	Multipurpose Grease	12	Kg		12.00	Kg	315.60	3787.20
3	Cotton Waste	10	Kg		10.00	Kg	67.62	676.20
4	Cardium Compound Servo 120 (10 ltr)	1	No.		1.00	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.completeasperIS-1239/2004.(Submersible pump to ESR tank pipe extension to avoid overflow) MEDIUM 50 mm (5.16 kg/m)				6.00	rmt	449.76	2698.54
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 MEDIUM 50 mm (5.16 kg/m)				6.00	rmt	88.21	529.25
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.completeasperIS-1239/2004.(DG set Exhaust Pipe Extension out of Booster pump room) MEDIUM 80 mm (8.64 kg/m)				7.00	rmt	750.32	5252.25
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 MEDIUM 80 mm (8.64 kg/m)				7.00	rmt	143.75	1006.24
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. **251 to 500 KW**	**1.00**	**No.**	**2023.12**	**2023.12**
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
Deputy Engineer
Lift Irrigation Mechanical
Sub Dn No.3 Chandrapur

Sanctioned Estimate No. 25 Year 2026-27 Dt. 09-09-2026
Amount Rs 200809 In Words two lakh eight hundred nine only.

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

S/C