

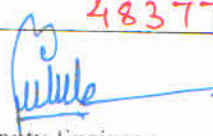
# ABSTRACT

**Name of Work :-** Repair work of Emergency Gate Hoist with Replacement of Wire rope, Equiliser pully, canopy to hoist, Replacing gear oil, greasing & Painting to all structure & Repair work of Emergency gate 1.2x1.2m-1 No with replacement of rubber seal, roller bearing, greasing to roller etc. at Umarzari Medium Project.

Sr. No.	Description	Qty	Rate	Unit	Amount
1	Removing Emergency Gate Stucked in Emergency Gate slot with the help of chain pully block & Under Water Divers at Umarzari medium project. <b>As Per Rate Analysis 1</b>	3 Days	33524.34	/Days	100573.02
2	Repair work of 10MT Emergency Gate Rope drum hoist with Supplying & Fitting of new Wire rope with equiliser pully 14mm dia- 72Mtr long, replacing pedestal bearing of gears, replacing oil seal of gear box & gear oil etc. <b>As Per Rate Analysis 2</b>	1 Job	82484.41 85578.77	/Job	82484.41 85578.77
3	Dismantling of Damaged Top Rubber seal - 1 Mtr from Gate Leaf & fitting of new Double Stem type Top rubber seal (confirms to IS: 11855 / 1986 (Updated)) with M-12 x 75 mm long Nut Bolts - 13 Nos (per mtr) Complete job with Material, Sundry material, & Labour charges. {Total length of Top rubber seal = Width + 0.200 mtr} ( <b>As per Rate Analysis 3</b> )	1 Job	5735.87	/Job	5735.87
4	Dismantling of Damaged Bottom Rubber seal - 1 Mtr from Gate Leaf & fitting of new Plain Flat type Bottom rubber seal (confirms to IS: 11855 / 1986) with M-12 x 75 mm long Nut Bolts - 13 Nos (per mtr) Complete job with Material, Sundry material, & Labour charges. {Total length of Bottom rubber seal = Width + 0.200 mtr} ( <b>As per Rate Analysis 4</b> )	1 Job	3526.52	/Job	3526.52
5	Dismantling of Damaged Side Rubber seal - 1 Mtr from Gate Leaf & fitting of new Musical note type Side rubber seal (confirms to IS: 11855 / 1986 (Updated)) with M-12 x 75 mm long Nut Bolts - 13 Nos (per mtr) Complete job with Material, Sundry material, & Labour charges. {Total length of Side rubber seal = (Height + 0.200 mtr)} ( <b>As per Rate Analysis 5</b> )	1 Job	11470.69	/Job	11470.69
6	Dismantling & Cleaning of Track Rollers (4 Nos), of Roller type Emergency Gate of size 1.2 x 1.2 Mtr - 1 No. Refitting with greasing & replacing bearing to roller assembly. Complete job including cost of sundry material and labour charges. <b>As Per Rate Analysis -6</b>	1 Job	140278.74 147616.24	/Job	140278.74 147616.24
7	Providing & aplying anticorossive coal tar black paint IS 290-1961 in two coats including surface preparation, chipping etc. of Gate leaf EG & SG of 1.2x1.2m-1 No. & supporting structure of EG hoist, Chequered plate, ladder etc. ( <b>Rate Analysis-7</b> )	1 Job	39329.7	Job	39329.71

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Sr. No.	Description	Qty	Rate	Unit	Amount
8	Rental charges for supplying & maintaining 415V, 50 cycles A. C. generating set 11 to 25 kVA (excluding 25 kVA) capacity with necessary fuel, mains Switchgears and accessories complete with continuous running on load no load as per requirements with necessary certificate from Electrical Inspector. (As Per Rate Analysis-8) ✓	1 Job	35386 33310.0	Job	35386 33310.00
9	Transportation of all material for repair work from Nagpur to Pench Project LBC with 4MT Cap. Tempo van To & Fro distance 100 Km. Consider 2 trips will required Total distance 200Km. (Rate Analysis-9) ✓	1 Job	9332 3666.30	/Job	9332 3666.30
				Total Rs.	428116.96 430807.13
				Add 1% Insurance Rs.	4281.16 4308.07
				Add 12% GST Rs.	51374.03 51696.86
				Grand Total Rs.	483772.15 486812.05
				Say Rs	483772.00 486812.00
In Words- Rs. Four lakh Eighty Six Thousand Eight Hundred and Twelve Only					
 Deputy Engineer Gate Erection & Repair Sub.Dn.5 Nagpur					

Sanctioned Estimate No. 70 CGE-2 TS 201-22

Date 01/02/2022

Technically Sanctioned for Rs. 4,83,772/-

(Rs. Four lacs eighty three thousand seven hundred and seventy two only)

  
Executive Engineer  
Chief Gate Erection Unit  
No. 2, Nagpur.

428117  
Emd 43006