

Estimate for Repair & Maintenance work of Head Regulator Service Gate of Size 1.2 x 1.2 m - 01 No. 10 MT Hoist Capacity & Emergency Gate of Size 1.2 x 1.2 m - 01 No 10 MT Hoist Capacity @ Labhansard Project under Executive Engineer, Chandrapur Irrigation Division, Chandrapur.

ABSTRACT

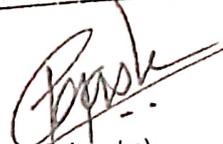
Sr. No.	Description	Quantity	Rate	Amount
A Service Gate size 1.2X1.2 M - 1 No.				
1	Dismantling and Refitting of Roller type Gate leaf of size 1.2 x 1.2 Mtr (upto 20 M) and hoist assembly - 1 No.of Head Regulator Gate of Labhansard Project by lifting of the same up-to Platform for Repair work and lowering on Sill Beam. Complete job including cost of Material (sundry) material and labour charges....as per R.A - 01	1 No	26230.71 /No.	26230.71
2	Fabrication & erection of Gate Leaf of Service gate with bearing in Roller type of size 1.2 x 2.1 Mtr. - 15 Mtr. Head with single coat of Epoxy zinc primer and double coat of epoxy coal tar black paint of Head Regulator Gate of Labhansard Project. Total Finished weight 996.62 kg . as per RA-02	1 No	159371.99 /No. 158486.64	159371.99 158486.64
3	Straightening of Stem Rod 75 mm dia. - 1 No. of Roller type Gate of size 1.2 x 1.2 Mtr - 1 No. by using hydraulic press machine with machinery charges with leads & lifts at site etc complete. of Head Regulator Gate of Labhansard Project.. As Per RA-03	2 Nos	3339.06 /No.	6678.12
4	Cleaning of square threaded and v- threaded portion of Stem rods by Cleaning agent and applying M. P.Grease to threaded portion complete with machinery charges with leads & lifts at site etc complete of Head Regulator Gate of Labhansard Project,As Per	1 No	3524.90 /No.	3524.90
5	Dismantling and fitting new G. M. Nut OD-200 ID-71 L-368 mm Stem nut - 1 No., Thrust Bearing No. 51228 - 1 Set., & 75 mm dia Sq. threaded stem rod of Hoist of HR Gate of size 1.2 x 1.2 Mtr of Head Regulator Gate of Labhansard Project. Complete with cost of material, sundry material and labour charges...As Per RA-05	1 No	119487 /No. 106144.96	119487.32 106144.96
B Emergency Gate size 1.2X1.2 M - 1 No.				
6	Dismantling and Refitting of Roller type Gate leaf of size 1.2 x 1.2 Mtr (upto 20 M) and hoist assembly - 1 No.of Emergency Gate of Labhansard Project by lifting of the same up-to Platform for Repair work and lowering on Sill Beam. Complete job including cost of Material (sundry) material and labour charges....as per R.A - 01	1 No	26230.71 /No.	26230.71
7	Dismantling, Refitting & Cleaning of Track Rollers (4 Nos) of Roller type Gate of size 1.2 x 1.2 Mtr (upto 20 M) - 1 No.of Emergency Gate of Labhansard Project by Refitting with M. P. Grease 2 Kg. & Providing Spherical Roller Bearing No. 23220-4 Nos....as per	1 No	118968.91 /No.	118968.91
8	Dismantling of Damaged Rubber Seal from Gate and fitting New Musical Note type Side Rubber seal - 2.8 Mtr, Double Stem type Top Rubber seal - 1.4 Mtr & Flat type Bottom Rubber seal - 1.4 Mtr (confirms to IS: 11855 / 1986) with M-12 x 75 mm long Nut Bolts 13 Nos. (per mtr) ... As Per RA-07	1 No	35198.70 /No.	35198.70
9	Providing, erecting triple spur gear type Chain Pulley Block suitable for capacity of 5 Tonne with 18 m lift complete with load chain and hand chain suitable for above lift, tested to 50% over load as per IS 3832 carrying ISI mark.of Emergency Gate Hoist of 5 MT of Labhansard Project....as per RA - 08	1 No	64893.51 /No.	64893.51
10	Packing of Lock Plates in Emergency Gate Slot in Leak Proof condition with the help of Under water Water Divers for the purpose of various Repair and Maintenance work of Head Regulator and Emergency Gate of Labhansard Project..as Per RA-09	1 No	121875.63 /No. 121870.13	121875.63 121870.13
11	Providing and applying Primer Red Oxide Paint in 1 coats including surface preparation, chipping the welding, cleaning spatters, dust etc. Providing and applying two coats of flat oil paint of approved colour to the old structural steel work and iron work previously painted includings caffolding if necessary clearing & preparing surface excluding primer coat etc. Complete as directed to Rolling Shutter , Hoist Bridge,Chain Pully Post,Jackwell Mesh, Railingof HR and Emergency Gate of Labhansard Dam Project .As per RA-10 and Annexure-1	54.18 m ² 51.8	289.15 /m ²	15667.53 14977.97
12	Providing and applying anticorrosive coal tar black paint IS 290-1961 in two coats including surface preparation, chipping the welding, cleaning spatters, dust etc. to Head Regulator -01 No. and Emergency Gate-01 No. of Labhansard Dam Project . As per RA-11 and Annexure-2	13.26 m ² 12.77	352.05 /m ²	4666.92 4495.67

13	Transportation Charges for Transporting Material from Chandrapur to Labhansarad Project & back as per RA - 12	2 trips	9635.40 /trp	19270.80
				Total Charges : 722065.00
				Add 1 % Insurance Charges : 7220.65
				Add 18% GST :- 129971.85
				Grand Total Charges : 859258.00
				841295.52
				841296.00

1) Rates of Material are taken as per Schedule of Rates for Mech CSR 2023-24

2) Rates of steel section as per JPC July- 2025


D.M. Dhole
Assistant Engineer-II


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Lift Irrigation Mechanical
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I checked & recommend for sanction please


Executive Engineer
Mechanical Lift Irrigation Division No. 2
Chandrapur

Sanctioned Estimate No. 73 Year 25-26 Dt. 2/02/2026
Amount Rs. 8,41,296/- In Words Eight Lakh Two
hundred and ninety six only


Executive Engineer
Mechanical Lift Irrigation Division No. 2
Chandrapur