

Estimate for Repairs to Head Regulator Gate of Size-09X0.9 Mtrs.No.1, at Dewai Project, under Executive Engineer, Chandrapur Irrigation Division, Chandrapur

ABSTRACT

Qty	Unit	Description	Rate	Per	Amount
1	Job	1 Dismantling of Sliding type Gate leaf of size 0.9 x 0.9 Mtr /1.2 x 1.2 Mtr (upto 7.2 MWH) and hoist assembly - 1 No.lifting of the same up-to Platform for Repair work and lowering on Sill Beam. Complete job including cost of sundry material and labour charges, with leads & lifts at site etc complete.(As per annexure - 1)	19582.00 ✓	Job	19582.00 ✓
1	Job	2 Straightening of Stem Rod - 1 No. of Canal Gate of size 0.90 x 0.90 Mtr by using hydraulic press machine. Complete with machinery charges with leads & lifts at site etc complete,. (Excluding cost of material and labour) (As per Annexure - 2)	2087.00 ✓	Job	2087.00 ✓
1	Job	3 Replacement of New stem rod of 50 mm dia - 4 Mtr long - 1 No. & New stem rod of 50 mm dia - 3 Mtr long of Canal Gate of size 0.9 x 0.9 Mtr. Complete job including cost of material and machining charges (As per Annexure No. 03)	14334.00 ✓		14334.00 ✓
2	Job	5 Cleaning of square threaded and v- threaded portion of Stem rods by Cleaning agent and applying M. P. Grease to threaded portion of Canal Gate of size 0.90 x 0.90 Mtr - 1 No. Complete with cost of material and labour charges with leads & lifts at site etc complete.	2453.29 ✓	Job	4906.58 ✓
1	Job	6 Dismantalling and fitting new Stem nut - 1 No. of Hoist of Canal Gate of size 0.90 x 0.90 Mtr. Complete with cost of material, sundry material and labour charges with leads & lifts at site etc complete, (Excluding cost of Stem nut & Other Material. For stem nut Refer Manufacturing DSR)	2957.28 ✓	Job	2957.28 ✓
1	Job	7 Manufacturing and Providing Stem Nut for 5 MT Capacity Stem Hoist, Completely finished as per sketch. Complete job with Cost of Material and Machining Charges.(As per Annexure-4)	14314.00 14460.00	Job	14314.00 14460.00
1	Job	8 Dismanatling and fitting of Cast Iron sleeve of canal gate of size-0.9X0.9 Mtr..Complete with cost of material & labour charges with lead and lift at site etc.Complete (Excluding cost of stem nut & other materials (As per Annexure No.5)	2248.00 2270.43	Job	2248.00 2270.43
1	Job	9 Dismantalling and fitting Thrust Bearing - 1 No. of Hoist of Canal Gate of size 0.9 x 0.9 Mtr. Complete with cost of material, sundry material and labour charges with leads & lifts at site etc complete, (Excluding cost of Bearing & Other Material Ref : Price List of standard approved Bearing)	2701.75 ✓	Job	2701.75 ✓
1	No	10 Providing and supplying Single Thrust Ball Bearing No.51217	8179.99	Job ✓	8179.99 ✓
4	No	11 Providing and supplying M20X75 Long HT Bolt and Nut	63.35	No ✓	253.40 ✓
12	No	12 Providing and supplying M16X65 Long HT Bolt and Nut	33.62	No ✓	403.44 ✓
16	No	13 Providing and supplying M126X50 Long HT Bolt and Nut	15.38	No ✓	246.08 ✓
1	Kg	14 Providing and supplying Various Size M. S. Washers	121.20	Kg ✓	121.20 ✓
1	Job	15 Providing of 10 kv D.G.Set at site for repairs work of Canal Gate of size 0.9 x 0.9 Mtr. Complete job including cost of material and machining charges. (As per Annexure No. 06)	4657.00 4660.00	Job	4657.00 4660.00

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2	Trip	16	Transportation Charges for Material & Labours to & fro Distance Between Chandrapur and Dewai Project Site. (As per Annexure No. 07)	3454.92	Sqm	6909.84
7	Sqm	17	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 (as per Annexure - 8)	338.09	Trip	2588.92
				378.50		2312.53
						86490.48
						8649.05
						95139.53
						951.40
						17125.00
						113215.93
						113216.09

(Rs. One Lakh Thirteen Thousand Two Hundred Sixteen Only)

Certificates :

- 1) Rates are taken from GOM, WRD, Common schedule of Rates for year 2023-24 & common schedule of Rates for 2022-23 (Civil), and Machinery Use Rate-2023-24 are taken in to consideration while preparing the Estimate.
- 2) The required Materials and skilled labours for such type of work are not available within the division. Hence the above work is proposed for outside agency.

(P.M. Hulsange)
Sectional Engineer

(N. G. Bisane)
Deputy Engineer
Lift Irrigation Mechanical
Sub Div No.4, Chandrapur

Sanctioned Estimate No. 37
Year 24-25
Amount Rs. 113079/-
In Words One Lakh Thirteen
thousand and seventy nine only.

Executive Engineer
Mechanical Lift Irrigation Dn No.
Chandrapur