

Estimate for Repairing of 1.2 x 1.2 Mtr. Roller type Head Regulator @ Shegaon (Bk.) Minor Irrigation Scheme under Executive Engineer, Minor Irrigation Division, Chandrapur

ABSTRACT					
Qty.	Unit	Description	Rate	Per	Amount
1	Job	1) Dismantling of Roller type Gate leaf of size 1.2 x 1.2 Mtr (20 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. (as per Annexure - 1)	14588.00 14385.00	Job	14588.00 14385.00
2	Job	2) Dismantling Stem Rod 80 mm dia - 1 No. of Screw Stem Hoist. Removing bend on hydraulic Press machine, Threads Cleaning and refitting of the same. Complete job including cost of sundry material, Machinery and labour charges. (Excluding new material charges, Ref: Jobwork DSR) (as per Annexure - 2)	7458.00 7545.00	Job	14916.00 15090.00
1	Job	3) Providing Single Thrust Ball Bearing No. 51217 - 2 Nos, M. S. Nut Bolts - 5 kg for Hoist - 1 No. (as per Annexure - 3)	14062.00	Job	14062.00
1	Job	4) Replacement of S. S. Plate 6 mm thick - 80 mm wide x 7.96 Mtr long, including Cutting of S. S. Plate on Hacksaw Machine and Welding of S. S. Plate - 7.96 Mtr long, Fillet M. S. to S. S. welding 6 mm. on Embedment Frame. Complete job including cost of material, machining and labour charges. (as per Annexure - 4)	14150.00	Job	14150.00
4	Job	5) Providing Track Rollers having Inner L. T. Bronze Bush of size 30 mm ID, 70 mm OD and 50 mm Width and Outer C. I. Roller of size 70 mm ID, 150 mm OD and 50 mm Width. Complete job including cost of sundry material, Machinery and labour charges. (as per Annexure - 5)	1943.00	Job	7772.00
1	Job	6) Providing New Gate Leaf, fabricated out of M. S. Plate 20 mm, 12 mm, 10 mm, ISMB 100x50 mm, Round Bar 32 mm dia, 50 mm dia and M. S. Angle 50x50x6 mm as per old fitted Gate Leaf. alongwith Musical note type Side rubber seal size - dia 45 mm x 120 mm x 20 mm - 1.35 Mtr - 2 Nos, Double Stem type Top rubber seal size - dia 45 mm x 130 mm x 20 mm - 1.65 Mtr - 1 No., Flat type Bottom rubber seal size - 82 mm x 20 mm - 1.65 Mtr - 1 No. Complete job including cost of sundry material, Machinery and labour charges. (as per Annexure - 6)	46705.00	Job	46705.00
1	Job	7) Anticorrosive Painting of Gate Leaf Assembly and Hoist Assembly by way of Surface Preparation, Providing & Applying Double Coat of Anticorrosive Coal Tar Black Paint. (As per annexure - 7)	1670.00	Job	1670.00
1	Job	8) Transportation and Hauling Charges. (as per Annexure - 8)	13852.00	Job	13852.00
		Total:			127715.00
		Add 1 % WWC:			1277.15
		Total:			128992.15
		Add 0.5 % Insurance:			644.96
		Total:			129637.11
		Add 12 % GST:			15556.45
		Grand Total:			145193.56
		Say:			145194.00

- 1) Jobwork DSR 2017-18, JPC Price list January 2021, SKF Bearing Pricelist Apr 2020 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.

(N. T. Maske)
Sectional Engineer

(N. G. Bisane)
Deputy Engineer

Sanctioned Estimate No. 06 L. I. M. Sub Dn NO. 3, Chandrapur

Amount Rs. 145883.00 Year 2022-23 Dt. 29/12/2021

Amount Rs. 145883.00 In Words One lac forty five thousand eight hundred eighty three only

Executive Engineer
Mechanical Lift Irrigation Dn No 2
Chandrapur