

Name of Work Estimate for annual maintenance and repair of radial gates 12x8 M - 5 Nos and
 10 MT hoist of emergency gate 1.4x3.2 M of Man Project under Executive
 Engineer, Buldhana Irrigation Division, Buldhana.

ABSTRACT

Sr. No.	Description	Quantity	Rate Per No	Amount
1	Removing Old Cardium Compound of Wire rope of 42 MT cap hoist - 1 No by cleaning agent & Applying new Cardium Compound (Servocast 140) - 10 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. (As per RA-1)	5 No	16343.82	81719.10
2	Top and filling RGB with Gear oil GX-90 (13) 3 Ltr. Cleaning Gear train by removing old Grease & Applying M.P. Grease grade no. 150 - 17 Kg to Gear train, Pedastal, Drum axle, Trunion pin, Locking box and Lifting bracket pin etc. and refilling of oil of Radial gate of 42 MT cap hoist - 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. (As per RA-2)	5 No	(18136.57) 17268.58	(90682.85) 86344.9
3	Cleaning of Drain Holes of Horizontal girder, End arm assembly, Locking box etc. of R.G. 12 x 8 m - 1 No by way of removing rust, dust slurry, any other foreign particles etc., 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. (As per RA-3)	5 No	(1727.10)	8635.50
4	Removing Old Cardium Compound of Wire rope 70 Mtr of 10 MT cap hoist - 1 No of Emergency Gate 1.4x3.2 M by cleaning agent & Applying new Cardium Compound (Servocast 140) - 7 Kg, including cost of material, sundry material and labour charges etc as per drawings, specifications and or instructions of concern in charge. (As per RA-4)	1 No	(6711.45) 5181.30	(6711.45) 5181.3

5	Draiming of Old Oil from R/GH & filling with new gear oil CX 90 ^(71 kg) by cleaning gear train by removing old grease & Applying M.P. Grease - 3 kg to Gear train, Pedestal, Drum axle of 10 MT cap Hoist - 1 No. Complete job with cost of material, sundry material & labour charges (As per RA-5)	1	No	(11451.38)	(11451.38)
				5797.43	5797.43
4	Transportation Charges (RA-6 attached)	1	Trip	(7182.00)	(7182.00)
				7494.2	7494.2
			Total :	(206382.28)	(206382.28)
			1948.72 Add 1% Insurance Charges :	(2063.82)	(2063.82)
			35047.03 Add 18% GST :	(37148.81)	(37148.81)
			2, 21,898.00 Total :	(245595.00)	(245595.00)

(In Words : Two lakhs forty five thousand five hundred and ninety five only.)

- 1 Rate of Gate Repair are from Common Schedule of Rates 2023-24 Govt of Maharashtra Water Resource Dept Mechanical Organisation.
- 2 1% Workers Welfare Charges provision is made on the CSR rates in estimate
- 3 Rate for transportation are from Common Schedule of Rates 2023-24 Govt of Maharashtra Water Resource Dept Mechanical Organisation Table No. 5 Page No. 15.

Sectional Engineer

Deputy Engineer

Gate Manufacturing & Erection
Subdivision No.2, Akola

verified & Recommended to
sanction to RS. 24,55,957/-

Executive Engineer
Mechanical Division
Akola

Sanctioned Estimate No.

FE/MD/AR/2025. No. 225
Sanction for RS. 2,31,898/- (Rs. two
lakh thirty one thousand eight only)
hundred ninety eight only)

Executive Engineer
Mechanical Division
Akola