

**Pre-Monsoon Maintenance of Radial Gate size 12x5 Mtr - 4 Nos @Popatkhed Project Under Executive Engineer,
Minor Irrigation Division, Akola**

ABSTRACT

Qty	Unit	Sr No	Description	Rate	Per	Amount
Radial Gate Size 12x5 Mtr - 4 Nos						
4	No	1	Filling of Mastic asphalt (Mixture of bitumen Saw dust and sand) at Trunion shoe end arm joint and end arm horizontal girder joint of 12x5m -1no as per direction of engineer incharge , including cost of material , sundry material , sundry maerial and labour charges with leads and lifts at site etc complete as per drawing specification and instruction concern in charge	4057.17	/Nos	16228.68
4	No	2	Cleaning of Drain Holes of Horizontal girder, End arm assembly, Locking box etc. of R.G. 12 x 5 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	1619.03	/Nos	6476.12
4	No	3	Removing Old Cardium Compound of Wire rope of 20 MT cap hoist - 1 No by cleaning agent & Applying new Cardium Compound (Servocoat 140) - 9 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	10213.12	/Nos	40852.48
4	No	4	Draining of Old Oil from RGB & filling with Gear oil GX-90 - 8 Ltr, Cleaning Gear train by removing old Grease & Applying M.P. Grease grade no. 150 - 10 Kg to Gear train, Pedastal, Drum axle, Trunion pin, Locking box and Lifting bracket pin etc. and refilling of oil of Radial gate of 20 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	14760.14	/Nos	59040.56
Transportation Charges :-						
1	Tri p	5	Distance from Popatkhed project to Akola and Back = 140 Km Total No Trips During work = 01 No's Total KM during work =140 km Transportation of fabarication structure/steel by 7.5T Cap	7494.20	/trip	7494.2
Total						130092.04
Add 1% Insurance						1300.9204
Add 18% GST						23416.5672
Grand Total						154809.53
Say						154810

In Word (One Lakh Fifty Four Thousand Eight Hundred Ten only)

Certificates :

- 1) Rates are taken from WRD CSR Mech 2023-24
- 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 c agency.


Assistant Engineer II

Sanctioned Estimate No 02
EE/MD/AKI/2026. On 08/04/2026
Sanction for Rs 1,54,810/- (one lakh fifty four thousand eight hundred ten only)


(S.V. Nirkhe)

Deputy Engineer
Gate Manufacturing & erection
Subdivision No.1, Akola


Executive Engineer,
Mechanical Division
AKOLA