

Estimate for Maintenance to Radial Gate 12x8 Mtr - 6 Nos by Applying Anti corrosive blank paint to Emergency gate and flat Oil Paint to its Allied part, Replacement of Old damaged Rubber Seal & Fitting New Rubber Seal to Radial Gate Size 12x8 - 4 Nos @Wan Project Under Executive Engineer, Akola Irrigation Division, Akola

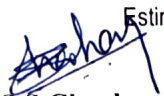
ABSTRACT

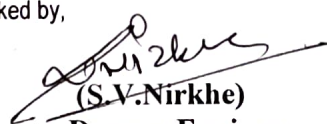
Qty	Unit	Description	Rate	Per	Amount		
Emergency Gate Leaf Size 1.2x1.2 mtr - 2 Nos							
1	No	1	Providing and Applying anticorrosive coal tar black paint [IS 290-1961] in two Coats including surface preparation , chipping the welding , cleaning spatters, Dust etc Complete as Directed detail as below of 1.2 x 1.2 Meter Emergency Gate -2 Set of Wan Project		89997.24	No	89997.24
			Sr	Anti Corrosive Coal tar Black Paint	Area Sq M		
			1	Emergency Gate Leaf	12.95		
			2	Blockout	50.000		
				a) Total Area For 2 gate :-	125.897		
			4	b) Extension platform Total For 2 Gate	24.31		
			5	c) Ladder to Extension Platform	19.66		
				Total Area for Anticorrosive Gate (a+b+c)	169.87		
			1	Hoist Platform and Bull gear and Other Part	88.92		
			2	Sheet Metal Canopy + Railing area (8.006m ²)	230.568		
				Total Area For Flat Oil; Paint	327.491		
Replacement of Rubber Seal Of Radial Gate Size 12x8m - 4 Nos							
4	No	2	Dismantling of Old damaged side rubber seal of 1 side from gate Leaf of Rg 12x8 m-01 no. Supplying and fitting new L type side rubber seal Conforming to IS 11855- and Dismantling of old damaged Bottom rubber seal from gate Leaf of RG 12x8 m -01 No .Supplying and Fitting flat type bottom rubber seal Conforming to IS 11855-1986 RA- 4		129774.90		519099.60
			1	L type side rubber seal Conforming to IS 11855-1986(updated) size 90x15x75x20 -9.1 m	2 No		
			2	flat type bottom rubber seal Conforming to IS 11855-1986 (Updated) of Size 90x15 -12.2 mtr	1 No		
			3	Gi Bolt m-20x80 -with double washer Including Sundry material	97 Nos		
Cleaning of old Grease, Lubrication & greasing to various parts of Radial Gate (Hoist & RG parts)							
6	No	3	1	Draining of old oil from RGB and filling with gear oil GX 90 - 13 Core, Cleaning of Gear Train by removing old grease and applying M.P.Grease grade no 150 -17 kg to gear train , pedestal , drum axle , Trunion pin , Locking box and lifting bracket pin etc and refitting of radial gate of 42 MT Cap Hoist -1 No , including cost of material , sundry material and labour charges with leads and lift at site etc complete	20044.46	No	120266.76

Cleaning and applying cardium compound to Wire Rope of Hoist						
6	No	4	Removing Old Cardium Compound of Wire rope of 42 MT cap hoist - 1 No by cleaning agent & Applying new Cardium Compound (Servocoat 140) - 19 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	16343.82	No	98062.92
Transportation Cost						
1	Trip	5	Distance from wan Project to Akola and Back =180Km Total No. Trips during work= 1 No's.Total KM during work = 90Km Transportation of fabricated structure /steel by 7.5T Cap. Tempo charges.(Charges taken as per Gate Manufacuring CSR 2023-2024, Page No.35 Item No.2)	9233.62	Trip	9233.62
Total :						836660.14
Add 1% Insurance:						8366.60
Add 18% GST:						150598.83
Grand Total						995625.57
say Rs:						995626.00

Certificates :

- 1) Proposed Shedule of Rates for Gate Repair Activies 2023-24,PWD Civil dsr dated 2023-24,PWD Electrical 2022-23 and JPC steel rates dated 01.04.2025 are taken in to considaration 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.

Estimate prepared by,

 (S.S.Chavhan)
 Asst Engineer II
 Gate Mfg & Erection
 Sub Dn No 1 Akola

Estimate cheked by,

 (S.V.Nirkhe)
 Depury Engineer
 Gate Mfg & Erection
 Sub Dn No 1 Akola

Sanctioned Estimate No
 EE/MD/AK/201...
 Sanctioned for Rs 9,95,626/- (Rs nine
 lakh ninety five thousand six
 hundred twenty six only)


 Executive Engineer
 Mechanical Division
 Akola