

ABSTRACT

Estimate for Premanson 2025 maintenance of Radial gate 12 X 8 m - 5 Nos at Adan Project Under Executive Engineer Arunavati project Division Digra Irrigation division Akola.

Qo	Unit	Description	Rate		Amount
5	No	Filling of Mastic asphalt (Mixture of bitumen, Saw dust and sand) at Trunion shoe-end arm joint and End arm-horizontal girder joint of R.G. 12 x 8 m - 1 No as per direction of engineer incharge , including cost of material, sundry material and labour charges etc as per drawings, specifications and or instructions of concern in charge Rates are taken common schedule of rate (mechanical) 2023-24 Page No. 68	4129.9708	/No	20649.854
5	No	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 etc. as per drawings, specifications and or instructions of concern in charge Rates are taken common schedule of rate (mechanical) 2023-24 Page No. 69	1727.1	/No	8635.5
5	No	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 er drawings, specifications and or nstructions of concern in charge Rates are taken common schedule of rate (mechanical) 2023-24 Page No. 73	16343.82	/No	81719.00
5	No	Draining of Old Oil from RGB & filling with Gear oil GX-90 - 13 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	20044.46	/No	100222.30
5	No	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 Rates are taken common schedule of rate (mechanical) 2023-24 Page No. 69	1727.10	No	8635.50

		Service Gate 1.2 X 1.2 m			
1	No	Dismantling of Roller type Gate leaf of size 0.9 x 0.9 Mtr / 1.2 x 1.2 Mtr (upto 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 Material (Nonconsumable) material and labour charges. Rates are taken common schedule of rate (mechanical) 2023-24 Page No. 83	26230.71	No	26230.71
1	No	Dismantling and Refitting & Cleaning of Track Rollers (4 Nos), of Roller type Gate of size 0.9 x 0.9 M / 1.2 x 1.2 Mtr (upto 20 M) - 1 No. Refitting with M. P. Grease 2 Kg. Complete job including cost of Material (sundry) material and labour charges. (Excluding Cost of New Bearing / Bush, Ref. Jobwork DSR / Bearing price list). Rates are taken common schedule of rate (mechanical) 2023-24 Page No. 83	17769.94	No	17769.94
1	No	Straightening of Stem Rod - 1 No. of Canal Gate of size above 0.90 x 0.90 Mtr to 1.5x1.5 Mtr by using hydraulic press machine. complete with machinery charges. (Excluding cost of material and labour) Rates are taken common schedule of rate (mechanical) 2023-24 Page No. 86	3339.06	No	3339.06
1	No	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 above 0.90 x 0.90 Mtr to 1.5x1.5 Mtr - 1 No. Complete with cost of material and labour charges Rates are taken common schedule of rate (mechanical) 2023-24 Page No. 88	3524.90	No	3524.90
		Emmergency Gate 1.2 X 1.2 m			
1	No	Dismantling and Refitting & Cleaning of Track Rollers (4 Nos), of Roller type Gate of size 0.9 x 0.9 M / 1.2 x 1.2 Mtr (upto 20 M) - 1 No. Refitting with M. P. Grease 2 Kg. Complete job including cost of Material (sundry) material and labour charges. (Excluding Cost of New Bearing / Bush, Ref. Jobwork DSR / Bearing price list). Rates are taken common schedule of rate (mechanical) 2023-24 Page No. 83	17769.94	No	17769.94
1	No	4) Transportation charges To and Fro Distance Between Washim To Adan Pentakli Project and back = 150 km Transportation of material by 7.5 MT cap. Rates are taken common schedule of rate (mechanical) 2023-24	8029.5 5129.79	No	8029.5 5129.79
Rs. 2,96,526.2			Total		264341.1
Rs. 2965.26			Add 1 % Insurance		2643.41
Rs. 53374.72			Add 18%GST :-		47581.41

Rs. 3,52,866-18	Grand Total Amount :-	314566.0
Rs. 3,52,866 / -	Say Rs.	314566
(Rs. Three Lakh <u>F</u> ourteen Thousand <u>F</u> ive Hundred and Sixty Six Only)		
fifty two eight		

Certificates :

- 1 The rates are taken from Common schedule of rates Mechanical 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 outside agency.

(M. A. Sontakke)

Sectional Engineer

(V. S. Chaudhari)

Depury Engineer

Gate Manufacturing & Errection

Sub Dn No 7 Akola

Sanctioned Estimate No.

EE/MD/AK/2025

Sanction for Rs. 3,52,866/- (In words Rs
three lakh fifty two thousand
eight hundred sixty six)

Executive Engineer
Mechanical Division
Akola