

Abstract

Estimate for Maintenance of Vertical Lift Service Gates 15 x 7.5 Mtr - 12 Nos having hoist capacity 105 MT, Stop log Gate 15 m x 1.5 m - 14 Nos. at Nerdhamna Barrage Project under Executive Engineer, Akola Irrigation Division Akola

Qty.	Unit	Sr.No.	Description	Rate	Per	Amount
			Vertical Lift Service Gate 15 x 7.5 m - 10 Nos. ¹⁸⁰			
12	No	1	Removing Old Cardium Compound of Wire rope of ¹⁰⁵ MT cap hoist - 1 No of VLG 15 x 7.5 mtr - 1 no. by cleaning agent & Applying new Cardium Compound (Servocoat 140) ⁸³ Kg., including cost of material, sundry material and labour charges etc as per drawings, specifications and or instructions of concern in charge .RA - 1	^{35694.89} <u>24337.00</u>	No	<u>292044.00</u>
			Cardium Compound Servo Coat - 65 kg/hoist ^{5 Ltr}			
12	No	2	Top up of Oil to RGB & filling with Gear oil GX-90 ¹⁰ Ltr, Cleaning Gear train by removing old Grease & Applying M.P. Grease grade no. 150 ²⁰ Kg to Gear train, Pedastal, Drum axle, ¹⁸⁰ Trunion pin, Locking box and Lifting bracket pin etc. and refilling of oil of VLG of ¹⁰⁵ MT cap hoist -1 No., including cost of material, sundry material and labour charges etc as per drawings, specifications and or instructions of concern in charge RA - 2	^{19644.00} ^{15909.98}	No	<u>235728.00</u>
			1 Gear Oil GX -90 (Top Up) ¹⁰ lit ^{5 Ltr}			
			2 M.P. Grade Grease ²⁰ kg ^{10 kg}			
12	No	3	Dismantalling & Cleaning of Track Roller - 20 Nos. & Guide roller - 04 Nos of VL Gate 15 x 7.5 - 1 No and refitting with M. P. Grease ²⁵ Kg & ¹⁰ kg Damaged 'O' Ring - 35 Mtr., including cost of material, sundry material and labour charges etc. as per drawings, specifications and or instructions of concern in charge RA - 3	^{16254.74} <u>22710.00</u>	No	<u>272520.00</u>
1	No	4	Removing Old Cardium Compound of wire rope (125 Mtrs) of ³⁵ MT cap Goliath Crane - 1 No., by cleaning Agent, Applying new Cardium Compound (Servocoat 140) ²⁰ 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 .RA - 4	^{11403.68} <u>11767.50</u>	No	<u>11767.50</u>
			1 Cardium Compound Servo Coat ^{26 kg} ²⁰ Kg			
1	No	5	Top up of oil in RGB - 3 Nos. (O:600 - 1No. & O:400 - 2 Nos.) Filling with new gear oil GX 90 ¹² Ltr, Cleaning Gear train by removing old grease, ⁴⁰ Applying M.P. Grease - 10 Kg to Gear train, Pedastal, Drum axle. etc to ³⁵ MT Goliath crane - 1 No. , including cost of material, sundry material and labour charges etc. as per drawings, specifications and or instructions of concern in charge.RA - 5	^{8383.15} <u>19644.00</u>	No	<u>19644.00</u>
			1 Gear Oil GX -90 (Top Up) ^{6 Ltr} ¹² Ltr			
			2 M.P. Grade Grease ^{10 kg} ¹⁰ kg			
1	Trip	6	Transportation From Akola To ^{Ner Dhamna (Purna Barrage -2)} ^{ghungashi} project 120 Km tru & fro RA - 6	^{4616.81} <u>4617.00</u>	Trip	<u>4617.00</u>
				^{838718.96}	Total :	<u>836320.50</u>
				^{8387.19}	Add 1% Insurance :-	<u>8363.21</u>
				^{150969.412}	Add 18 % GST :-	<u>150537.69</u>
				^{998075.66}	Grand Total :	<u>995221</u>

(Rs. Nine Lakh Ninety Five Thousand Two Hundred Twenty One Only)

Certificates :

- 1) Gate Repaier DSR 2023-24 are taken into considaration while prepairing the Estimate.
- 2) The required Materials and skilled labours for such type of work are not available within the division, Hence the al is proposed for outside agency.

Estimate Prepared By


Asst Engr Gr II

Estimate Checked By


S V Nirkhe
Deputy Engineer
Gate Manufacturing & Erection
Sub-Dn. No. 1, Akola

verified & Recommended to:
Sanction to Rs 9,95,221/-



Executive Engineer
Mechanical Division
Akola

Sanctioned Estimate No

EE/MD/AK/2025 Dt.

Sanction for Rs 998976/- (Rs Nine lakh
Ninety Eight thousand only Seven
six only)


Executive Engineer
Mechanical Division
Akola