

Name of Work :- Repair to sliding type 0.9x0.9 M Head Regulator Gate and canal gates of various sizes of Morhal M.I. Tank under Executive Engineer, Akola Irrigation Division, Akola

ABSTRACT

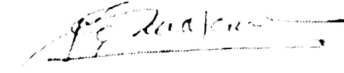
Sr. No.	Description	Quantity		Rate	Amount
A)	Repair to 0.9x0.9 m Head Regulator of Morhal M. I. Tank				
1	Providing and supplying Single Thrust ball Bearing 51217 - 2 No. of Hoist of Head regulator of size 0.9 x 0.9 Mtr. Complete with cost of material, sundry material and labour charges. (RA - 1) i) SKF Single Thrust Ball Bearing 51217 - 2 Nos	1	No	19795.58	19795.58
2	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 0.90 x 0.90 Mtr - 1 No. Complete with cost of material and labour charges. (RA-2)	1	No	3524.90	3524.90
3	Fabrication and Erection of Approach Bridge 1400X2500 mm at Morhal M.I. Tank. i) ISMC 300x90 - 490.04 Kg ii) ISA 65x65x6 - 253.00 Kg iii) Chequered Plate 6 mm - 2.5x1.4 m - 1 No - 206.34 Kg iv) M. S. Plate 10 mm - 41.21 Kg Work include material, machining, sundry material, & labour charges etc complete work. (As per RA-3)	1	No	112804.78	112804.776
4	Providing and applying anticorrosive coal tar black paint IS290-1961 in two coats including surface preparation, chipping the welding, cleaning spatters, dust etc. Complete as directed. (RA-4)	1	No	9131.14	9131.14
B)	Repair to Canal Outlets of Morhal M. I. Tank				
	Repair to Canal Outlets Size 0.3x0.3 Mtr				
i)	Dismantling of Stem Rod, Hoist & Skin Plate by Gas cutting and refitting of same of Canal Gate of size 0.3 x 0.3 Mtr to 0.5 x 0.5 Mtr - 1 No. Complete with cost of sundry material and labour charges. (RA - 5)	10	No	3653.15	36531.50
ii)	Replacement of New stem rod of 32 mm dia - 1.5 Mtr long - 1 No. of Canal Gate of size 0.3 x 0.3 Mtr to 0.5 x 0.5 Mtr Complete including cost of material and machining charges. (RA - 6)	10	No	2398.50	23987.50
iii)	Replacement of Stem nut for 32 mm dia stem rod of Canal Gate of size 0.3 x 0.3 Mtr to 0.5 x 0.5 Mtr Complete including cost of material and machining charge (RA - 7)	10	No	3113.31	31133.15
iv)	Dismantalling and fitting Phosphor Bronze Guide Bush - 2 No. of Hoist of Canal Gate of size 0.3 x 0.3 Mtr. Complete with cost of material, sundry material and labour charges (RA - 8)	10	No	1143.83	11438.25

v)	Repair to Hoist Body by fabrication & Erection of new hoist assembly with bearing housing for canal gate of size 0.3x0.3 M canal gate (RA - 9)	10	No	4040.12	40401.20
vi)	Anti corrosive Painting of Gate Assembly size 0.3 x 0.3 mtr (RA - 10)	10	No	638.25	6382.49
C)	Transportation From Akola to Morhal Minor Project by 7.5 MT cap Truck 1 trip (RA- 11)	1	Trip	5129.79	5129.79
				Total :	302240.27
				Add 1 % Insurance Charges.	3022.40
				Add 18% GST -	54403.25
				Say :	359666.00

1) Rates of Material are taken as per Schedule of Rates for WRD CSR 2022-23, Mech CSR 2023-24, PWD SSR 2023-24 and as per Prevailing Market Rate.

2) Rates of steel section as per JPC January 2025.


U. J. Khole
Sectional Engineer


(R. G. Thakare)
Deputy Engineer
Gate Manufacturing & Erection
Subdivision No. 2, Akola

verified & Recommended by
Sanction to Rs 35,96,66/-
3,43,982/-


Executive Engineer
Mechanical Division
Akola

Sanctioned Estimate
EE/MO/AK/2015... Di...
Sanctioned for Rs 343982/- (Three lakh
fourty three thousand Nine only.
hundred Eighty two only


Executive Engineer
Mechanical Division
Akola