

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

ABSTRACT

Sr. No.	Description	Quantity		Rate	Amount
A)	Repair to 0.9x0.9 m Head Regulator of Isapur 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	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-3)	1	No	9131.14	9131.14
B)	Repair to Canal Outlets of Isapur 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 - 4)	16	No	3853.15	61650.40
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 - 5)	16	No	2398.75	38380.00
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 - 6)	16	No	3111.31	49781.03
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 - 7)	16	No	1143.83	18301.20
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 - 8)	16	No	4040.12	64641.93
vi)	Anti corrosive Painting of Gate Assembly size 0.3 x 0.3 mtr (RA - 9)	16	No	638.25	10211.93
C)	Transportation From Akola to Isapur Minor Project by 7.5 MT cap Truck 1 trip (RA- 10)	1	trip	5123.79	5123.79
Total :					280547.95
Add 1 % Insurance Charges:					2805.48
Add 18% GST :					50498.63
Say :					333852.00

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

Verified & Recommended by
Sanction to Rs 333852/-

(R. G. Thakare)
Deputy Engineer

Gate Manufacturing & Erection
Subdivision No. 2, Akola

Sanctioned Estimate Rs

EE/MD/AK/2015...
Sanctioned Rs 306041/- (Three lakh

six thousand four hundred only

Executive Engineer
Mechanical Division
Akola

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Akola