

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

ABSTRACT

Sr. No.		Description	Quantity		Rate	Am
ABSTRACT						
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A) Repair to 0.9x0.9 m Head Regulator of Shivankhurd M. I. Tank						
1	Dismantling and Refitting of Sliding type Gate leaf of size 0.9 x 0.9 Mtr / 1.2 x 1.2 Mtr (upto 7.2 M) 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 (sundry) material and labour charges. (RA - 1)	1	No	19581.88	19581.88	
2	Dismantalling and fitting 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 - 2) i) SKF Single Thrust Ball Bearing 51217 - 2 Nos	1	No	19795.58	19795.58	
3	Cleaning of square threaded and v- threaded portion of Stem rods by Cleaning agent and applying M. P. Grease to threaded portion of Head Regulator Gate of size 0.90 x 0.90 Mtr - 1 No. Complete with cost of material and labour charges. (RA-3)	1	No	3524.90 2453.29	3524.90 2453.29	
4	Providing and applying anticorrosive coal tar black paint IS290-1961 in two coats including surface preparation, chipping the welding, cleaningspatters, dust etc. Complete as directed. (RA-4)	1	No	9131.14	9131.14	
B) Repair to Canal Outlets of Shivankhurd M. I. Tank						
i)	Repair to 0.3x0.3 gate by fabrication of Embedment of Sliding Type 0.3 X 0.3 Mtr Gate. It includes all materials, Labour charges, machining and machinery charges, with leads & lifts at site etc complete as per drawings (RA-5)	2	No	5848.13 5416.70	11696.26 5416.70 10533.4	
ii)	Repair to 0.3x0.3 gate by fabrication of Skin Plate of Sliding Type 0.3 X 0.3 Mtr Gate. It includes all materials, Labour charges, machining and machinery charges, with leads & lifts at site etc complete as per drawings (RA-6)	2	No	1687.30 1713.36	3374.59 1713.36 3426.72	
iii)	Dismantalling and fitting new Stem nut - 1 No. of Hoist of Canal Gate of size 0.3x0.3 Mtr. Complete with cost of material, sundry material and labour charges. (RA - 7) i) Brass Infilled Cast Iron Stem Nut - 1 No - 4.252 Kg	13	No	3094.46 3292.37	40227.92 42800.81	
iv)	Replacement by new stem rod of dia 32 mm length 2.0 mtr for 0.3x0.3 m gate (RA - 8) i) M. S. Round 38 mm - 16.8 Kg Supplied by Dept ii) M. S. Round 50 mm - 1.21 Kg	13	No	2906.75 2544.17	37787.81 33074.21	
v)	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). i) Phosphor Bronze Guide Bush - 2 Nos	13	No	1143.83	14869.73	

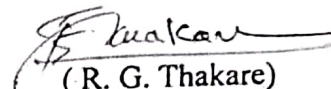
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Repair to Hoist Body by fabrication & Erection of new hoist assembly with bearing housing for canal gate of size 0.3x0.3 M canal gate (RA - 10)		13	No	3396.03	44148.40
i) MS Plate 10 mm - 19.48				3107.5	40397.5
ii) ISA 25x25x5 - 1.89 Kg					
iii) M.S. Pipe - 12.55 Kg					
iv) M.S. Nutbolt - 0.25 Kg				631.33	8215.03
11	Anti corrosive Painting of Gate Assembly size 0.3 x 0.3 mtr (RA - 11)	13	No	778.66	10122.63
12	Providing and supplying handle for operation of canal gate (RA - 12)	5	No	398.81	1994.07
C)	Transportation From Akola to Shivankhurd Minor Project by 7.5 MT cap Truck 1 trip	1	trip	5642.77	5642.77
Total :					221897.67
Rs. 2,12,323.12/-				Add 1 % Insurance Charges:	2218.98
Rs. 2123.23/-				Add 18% GST :-	39941.58
Rs. 38,218.16/-				Say :	264058.00
Rs. 2,52,664.51/-				Say Total =	2,52,665/-

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 Market Price Retail for 1st Jan 2025 proposed for Period 1-1-2025 to 31-3-2025

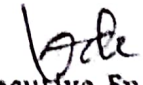

U. J. Khole
Sectional Engineer


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

Verified & Recommended to
Sanction to Rs. ~~264058/-~~


Executive Engineer
Mechanical Division
Akola

Sanctioned Estimate No. ...
EE/MD/AK/201.S...
Sanction for Rs. 2,52,665/-
(Rs. Two lakh fifty two thousand six hundred sixty five only)


Executive Engineer
Mechanical Division
Akola