

**ABSTRACT**

Fabrication & Erection of Sheet Metal Canopy for Screw stem hoist Mechanism of 0.9x0.9 M Head regulator of Parabhawani M.I. Tank and Other Allied Works under District Water Conservation Officer, Soil & Water Conservation Division, AKOLA.

Sr. No.	Description	Quantity	Unit	Rate	Amount
A)	<b>Repair to 0.9x0.9 m Head Regulator of parabhawani MI Tank</b>				
1	Providing and fixing of sheet metal canopy work size 4 m (Length) x 4 m (Width) x 2.5 m (Height) Mtr for screw stem hoist Mechanism of 0.9x0.9 M Head regulator in CRCA sheet with fabrication of cabin including cuttingh ,bending drilling, rivetting etc painted with one coat of red oxide Primer and 2 coat of synthetic enamel paint as directed by site incharge including windows 400x800 mm Qty 3 nos , electrification and foundation frame as directed by site incharge as per drawing attached with extension. (As per RA-1 attached)	1	No.	5,28,305.79 <u>537077.76</u>	5,28,305.79 <u>537077.76</u>
2	Fabrication and fitting of Grill (Size 550x950) to window of new CRCA sheet canopy for screw stem hoist . (As per RA-2 attached)	3	No	<u>3087.05</u>	<u>9261.14</u>
	i) ISA 25x25x5 - 5.83 Kg ii) M. S. Square Bar 8 mm - 16.2 Kg			3209.95	9629.85
3	Replacement of V Threded stem rod of 50 mm dia - 3 Mtr long - 1 No. of Sliding Type Gate of size above 0.9 x0.9 Mtr. Complete job including cost of material and machining charges .	1	No.	<u>3650.93</u> 4055.73	<u>3650.93</u> 4055.73
4	Replacement of Sq Threded stem rod of 50 mm dia - 3 Mtr long - 1 No. of Sliding Type Gate of size above 0.9 x0.9 Mtr. Complete job including cost of material and machining charges .	1	No.	<u>4535.73</u> 4940.53	<u>4535.73</u> 4940.53
5	Removing damaged Seal Plate (Brass) of 0.9 x 0.9 M Sliding type Gate - 1 No (7.2 MWH) Fitting of new Brass seal plate to gate leaf using copper rivet and welding. Machining to finish size. Complete job with Sundry material, and labour charges, with leads & lifts at site etc complete.as per RA-5	1	No	00 <u>13327.96</u>	00 <u>13327.96</u>
6	Replacement & Refitting of SS Seal Plate of Gate leaf per 1 Mtr length of Canal Gate 0.90x0.90 Mtr - 1 No. complete including cost of material, machining and labour charges....as per RA-6	1	No	19951.58 <u>21203.84</u>	19951.58 <u>21203.84</u>
7	Manufacturing, Providing and supplying C.I. Hand wheel OD 510 mm and New Single Thrust Bearings No.51217 - 2 nos to 0.9 x 0.9 m Sliding type HR. RA-7	1	No	30716.26	30716.26
	i)C.I. Hand wheel OD = 510 mm ii) New Single Thrust Bearings No.51217 - 2 nos				23175.42 23175.42
8	Fabrication and Fitting of Ladder to the Well of 0.9 x 0.9 Meter Sliding Type head Regulator. As per RA-08	1	No	<u>27788.04</u>	<u>27788.04</u>
9	Repair to Well Top Square Mesh Jali RA-09			57459.51	57459.51
	MS Square Bar for Square Mesh @ 100 mm c to c - 380.84	1	No	<u>55062.83</u>	<u>55062.83</u>
	Manhole Frame & Door - 29.40 Mesh support angle - 46.73				
10	Manufacturing,Providing and supplying GM Nut - 1 Nos as per RA-10	1	No	12547.30	12547.30
11	Providing and fitting M18x60L M.S. Nut & Bolts & Washers- 12 nos for screw stem hoist 5 MT cap (As per RA-11 attached)				
	i) M18x60 L - 12 Nos	1	No	219.98	219.98
12	Manufacturing, Providing and supplying Grease Cap 3 No & Key 1 No. of Hoist 5 MT Cap. of Head regulator of size 0.9 x 0.9 Mtr. (As per RA-12 attached)	1			
	i) Grease cap 3 No & Key 1 No		No	468.06	468.06
13	Fabrication & Erection of Trash Rack having size 1.2 x 1.2 mtr - 1 nos for (Punot) MI				
	ISA 75x75x8 - 44.86 Kg	1	No	<u>8806.04</u>	<u>8806.04</u>
	M. S. Round Bar 16 mm - 28.05 Kg			9215.22	9215.22

Parabhawani

13	Fabrication & Erection of Trash Rack having size 1.2 x 1.2 mtr - 1 nos for Punoti MI	1	No	00 8806.04	00 8806.04
	ISA 75x75x8 - 44.86 Kg				
	M. S. Round Bar 16 mm - 28.05 Kg				
14	Transportation From Akola to parabhawani MI Tank Minor Project by 7.5 MT cap Truck 1 trip -RA 14	1	trip	6423.6 11883.66	6423.6 11883.66
				<b>Total :</b>	<b>745356.00</b>
				Add 1 % Insurance Charges:	7453.56
				Add 18% GST :-	134164.08
				<b>Say :</b>	<b>886974.00</b>
				702109.00	
				7021.09	
				126379.62	
				835510.00	

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

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

  
S.S. Chavhan  
Assistant Engineer II

  
(S.V. Nirkhe)  
Deputy Engineer  
Gate Manufacturing & Erection  
Subdivision No. 1, Akola

Verified & Recommended to  
Sanction to Rs 8,86,974/-



Executive Engineer  
Mechanical Division  
AKOLA Division  
AKOLA

Sanctioned Estimate No 170  
EE/MD/AK/2020 No. 09/03/2026  
Sanction for Rs. 8,35,570/- (Rs Eight lakh  
thirty five thousand five hundred and seventy only)

  
Executive Engineer,  
Mechanical Division  
AKOLA