

**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 cutting, 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 (537077.76)	5,28,305.79 (537077.76)
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	(3087.05)	(9261.14)
	i) ISA 25x25x5 - 5.83 Kg ii) M. S. Square Bar 8 mm - 16.2 Kg			3209.93	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 x 0.9 Mtr. Complete job including cost of material and machining charges.	1	No.	(3650.93) 4055.73	(3650.93) 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 x 0.9 Mtr. Complete job including cost of material and machining charges.	1	No.	(4535.73) 4940.53	(4535.73) 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 (13327.96)	00 (13327.96)
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	19957.58 (21203.84)	19957.58 (21203.84)
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	(27788.04)	(27788.04)
9	Repair to Well Top Square Mesh Jail RA-09	1	No	57459.51	57459.51
	MS Square Bar for Square Mesh @ 100 mm c to c - 380.84			(55062.83)	(55062.83)
	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)	1	No	219.98	219.98
	i) M18x60 L - 12 Nos				
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	No	468.06	468.06
	i) Grease cap 3 No & Key 1 No				
13	Fabrication & Erection of Trash Rack having size 1.2 x 1.2 mtr - 1 nos for (Punot) MI parabhawani	1	No	(8806.04)	(8806.04)
	ISA 75x75x8 - 44.86 Kg			92150.22	92150.22
	M. S. Round Bar 16 mm - 28.05 Kg				

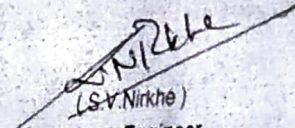
Parabhawani

13	Fabrication & Erection of Trash Rack having size 1.2 x 1.2 mtr - 1 nos for Funoti MI	1	No	8806.04	8806.04
	ISA 75x75x8 - 44.86 Kg				
	M. S. Round Bar 16 mm - 28.06 kg				
14	Transportation from Akola to parabhawani MI Tank Minor Project by 7.5 MT cap Truck	1	trip	11833.66	11833.66
	1 trip - RA 14				
				Total :	745356.00
				Add 1 % Insurance Charges :	7453.56
				Add 18% GST :	134164.08
				Say :	886974.00
				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.B. Chavhan  
Assistant Engineer II

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

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

  
Engineer  
Division  
AKOLA  
AKOLA

Sanctioned Estimate No 170  
EE/MD/AK/2026 - Dt. 09/03/2026  
Sanction for Rs. 8,35,510/- (Rs. Eight lakh  
thirty five thousand and five hundred and ten only)

  
Executive Engine.  
Mechanical Division  
AKOLA