

ABSTRACT

Name of Work: - Supply, Erection, Testing & Commissioning of ESE Based Lightning Arrestor System @ Dina Project Distt. Gadchiroli.

Sr. No	Description	Qty.	Rate (Rs.)	Amount (Rs.)
1)	Supplying and erecting ESE base lightning arrestor suitable from level 1 to level 3 (upto 110 m) with Provided lightning stroke counter and 4.5 m in length 304SS Supporting mast with 25 mm G I Supporting Guy mast test clamp and round conductor tape clip with necessary material complete in approved manner.	1 No.	312500/-	312500.00
2)	Supplying & erecting 6 digit transient event counter with necessary material complete in approved manner.	1 No.	44950/-	44950.00
3)	Supplying & erecting Brass connector required to install the lightning arrestor in to the pit earth with necessary clamps etc complete in approved manner.	2 Nos	6875/-	13750.00
4)	Supplying & erecting Disconnector link required to install the lightning arrestor in to the mast with necessary clamps etc complete. In approved manner	2 Nos	5350/-	10700.00
5)	Supplying and erecting G I Pipe B Grade 150 mm dia for necessary material complete in approved manner (each of 5 mtr with base plate).	10Mtr.	4875/-	48750.00
6)	Supplying , erecting & terminating XLPE insulated Unarmoured cable 1100V 1 core 50 sq mm copper conductor Complete erected with provided lugs laid in provided control panel / distribution boards / pipe as per specification no CB-LT / CU.CSR Item. No. 7-2-3.	15Mtr.	707.30	10609.50
7)	Supplying and erecting aluminium strip of required sizes used for earthing on wall and or any other purpose with necessary aluminium clams fixed on wall with insulating and non corrosive bond in an approved manner with joints required.As per specification no.EA-EP. CSR Item. No. 9-2-6.	170Kg	704.00	119680.00
8)	Supplying & erecting ISI mark G I Pipe 50 mm dia C Class at position with accessories as per specification No CW-PLB/GP. CSR Item. No. 16-5-12.	10Mtr	887.70	8877.00
9)	Providing Earthing with Copper Earth plate size 60 x 60 x 0.315 cm funnel with a wire mesh for watering and brick masonry block C I Cover with minimum 25 kg Carbon based environment friendly back fill Ground enhancing compound complete with all materials , testing & recording the results as per specification no ESE-LA. CSR Item. No. 9-1-6.	4 Nos	17307.40	69229.60
10)	Providing and Back filling ground enhancing compound 25 kg bag complete. CSR Item. No. 9-3-2.	4 Nos	1366.20	5464.80
11)	Supplying & laying (including excavation of suitable width & depth upto 90 cm) 75 mm out side dia. Double wall corrugated pipes (DWC) of HDPE for enclosing cable below ground / road surface to required depth complete. CSR Item. No. 7-6-10.	160Mtr	265.10	42416.00
12)	Supplying & erecting Water tight terminal box of cast iron of size 200 x 150 x 150 mm complete on pole as per specification No CBSB. CSR Item. No. 7-8-5.	1 No.	661.10	661.10
	Total Rs.			687588.00
	Add G S T 18%			123765.84
	Total Rs.			811353.84
			Say Rs.	8,11,354/-

(Rs. Eight Lac Eleven Thousand Three Hundred & Fifty Four Only)

Prepared by

B.V. Thakare
B.V. Thakare.

Sectional Engineer.
(Electrical)

K.A. Yawle
(K.A. Yawle)

Deputy Engineer
Lift Irrigation Mechanical & Electrical
Sub-Division No.2, Chandrapur.

" Recommended "

[Signature]
Executive Engineer
Mechanical Lift Irrigation Dn No. 2
Chandrapur

Sanctioned Estimate No. 387 / SMC / 2025 / TS-4/2024-25

Dated 19/03/2025

Technically Sanctioned for Rs. 8,11,354/- (Rupees...)

Rs Eight Lakh Eleven Thousand Three Hundred
Fifty Four only.

[Signature]
Superintending Engineers