

**ABSTRACT**

**Name of Work: - Supply, Erection, Testing & Commissioning of ESE Based Lightning Arrestor System on the Dam of Lalnalla Project Distt. Wardha.**

Sr. No	Description	Qty.	Rate (Rs.)	Amount (Rs.)
1)	Supplying and erecting ESE base lightning arrestor suitable from level 1 to level 3 ( upto 107 m ) with Provided lightning stroke counter and 4.5 m in length 304SS supporting mast with 25 m G I supporting Guy mast test clamp and round conductor tape clip with necessary material complete in approved manner.	1 No.	315625/-	315625.00
2)	Supplying & erecting 6 digit transient event counter approved make.	1 No.	44950/-	44950.00
3)	Supplying and erecting G I Pipe B Grade 150 mm dia for necessary mounting structure G I Mast ( each of 5 mtr with base plate )	5 Mtr.	3575/-	17875.00
4)	Supplying & erecting Brass connector required for disconnection between lightning arrestor and earth pits for earth test complete.	2 Nos	6875/-	13750.00
5)	Supplying & erecting Disconnecter link required to install the lightning arrestor in to the mast with necessary clamps complete.	2 Nos	5350/-	10700.00
6)	Supplying , erecting & terminating XLPE Unarmoured cable single core 50 sq mm copper conductor 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.	35Mtr.	605.85	21204.75
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.	175 Kg	607.95	106391.25
8)	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 of maintenance free earth conductivity enhancing mineral earthing compound complete with all materials , testing & recording the results as per specification no ESE-LA. CSR Item. No. 9-1-6.	4 Nos	15469.65	61878.60
9)	Providing and Back filling earth conductivity enhancing mineral earthing compound of 25 kg bag complete. CSR Item. No. 9-3-2.	4 Nos	1277.85	5111.40
10)	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.	145 Mtr.	238.35	34560.75
11)	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.	630.00	630.00
12)	Supplying & laying HMS PVC Conduit 25 mm dia with necessary accessories in RCC Work/ false ceiling / false flooring as per specification No. WG-MA/CC. CSR Item. No. 1-1-10.	30Mtr.	108.15	3244.50
<b>Total Rs.</b>				<b>635921.25</b>
<b>Add GST 12 %</b>				<b>76310.55</b>
<b>Total Rs.</b>				<b>712231.80</b>
<b>Say Rs.</b>				<b>7,12,232/-</b>

(Rs. Seven Lac Twelve Thousand Two Hundred & Thirty Two Only)



(D.V. Thakare)

Deputy Engineer

Lift Irrigation Mechanical & Electrical

Sub-Division No.2. Chandrapur.

**Recommended For Approval**

  
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Sanctioned Estimate No. 137, Chandrapur 2022  
 Dated: 23/10/2022  
 Technically Sanctioned for Rs. 7,12,232/-  
 Seven Lac Twelve Thousand Two Hundred and Thirty Two only

Superintending Engineer  
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