

ABSTRACT

Name of Work: - Supply, Erection, Testing & Commissioning of ESE Based Lightning Arrestor System in the premises of Pump House @ Haldipurani LIS 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 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 (Rates are Approved by S E Mechanical Circle Nagpur Vide Letter No 1789/TS4. Dtd 07/07/2021.Item No 1)	1 No.	315625/-	315625.00
2)	Supplying & erecting 6 digit transient event counter approved make. Rates are Approved by S E Mechanical Circle Nagpur Vide Letter No 1789/TS4. Dtd 07/07/2021.Item No 2)	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) Rates are Approved by S E Mechanical Circle Nagpur Vide Letter No 1789/TS4. Dtd 07/07/2021.Item No 3)	5 Mtr.	3575/-	17875.00
4)	Supplying & erecting Brass connector required for disconnection between lightning arrestor and earth pits for earth test complete. Rates are Approved by S E Mechanical Circle Nagpur Vide Letter No 1789/TS4. Dtd 07/07/2021 Item No 4)	2 Nos	6875/-	13750.00
5)	Supplying & erecting Disconnector link required to install the lightning arrestor in to the mast with necessary clamps complete. Rates are Approved by S E Mechanical Circle Nagpur Vide Letter No 1789/TS4. Dtd 07/07/2021.Item No 5)	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.	25Mtr.	634.70	15867.50
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.	180Kg	636.90	114642.00
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	870.10	8701.00
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 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	16206.30	64825.20
10)	Providing and Back filling earth conductivity enhancing mineral earthing compound of 25 kg bag complete. CSR Item. No. 9-3-2.	4 Nos	1338.70	5354.80
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.	150Mtr	249.70	37455.00
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.	660.00	660.00
13)	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.	20Mtr.	113.30	2266.00
Total Rs.				652671.50
Add G S T 12%				78320.58
Total Rs.				730992.08
			Say Rs.	7,30,992/-

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



(B.V. Thakare)

Deputy Engineer

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

Recommended For Approval


Executive Engineer

Serial No. 148
Date 25/02/2022

2021-22