

ABSTRACT

Name of Work: - Supply, Erection, Testing & Commissioning of ESE Based Lightening Arrestor System @ LBC of Popatkhedha Project Distt. Akola.

Description	Qty.	Rate (Rs.)	Amount (Rs.)
Supplying and erecting ESE base lightening 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
Supplying & erecting 6 digit transient event counter with necessary material complete in approved manner.	1 No.	44950/-	44950.00
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
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
Supplying and erecting G I Pipe B Grade 150 mm dia with necessary material complete in approved manner (each of 5 mtr with base plate)	10Mtr.	4875/-	48750.00
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.	15Mtr.	675.15	10127.25
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	672.00	120960.00
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.	20 Mtr	847.35	16947.00
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.	16520.70	66082.80
Providing and Back filling earth conductivity enhancing mineral earthing compound of 25 kg bag complete. CSR Item. No. 9-3-2.	4 Nos.	1304.10	5216.40
Making trench in hard murum/ Tar Road having 0.9 m depth and minimum 0.3 m width as per is for laying provided cables of voltage range 3.3 KV to 11 kv complete as per specification No. CW-EXN-CTR. CSR Item. No. 16-1-4.	70 Mtr	287.70	20139.00
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.	631.05	631.05
Total		Rs.	670753.50
Add G S T 18%			120735.63
Total		Rs.	791489.13
Say Rs.			7,91,489/-

(Rs. Seven Lac Ninety One Thousand Four Hundred & Eighty Nine Only.)

Prepared by

S.S. Wankhade

S.S.Wankhade.

Sectional Engineer.

(Electrical)

Amruti
DEPUTY ENGINEER

Lift Irrigation Mechanical & Electrical

Sub Division No.2, Chandrapur

Verified & Recommended to.

Sanction to Rs. **7,91,489/-**

V.P.K.
Executive Engineer

Mechanical Division

Akola

S.V. Nirkhe
(S.V.Nirkhe)

Deputy Engineer

Gate Mfg. & Erection

Sub-Division No.1, Akola.

Sanctioned Estimate No. **285** / SEMC/NGP/TS-4.2024-25

Dated **13/03/2025**

Technically Sanctioned for Rs. **7,91,489** (Rupees...

Rs Seven Lakh Ninety One Thousand Four Hundred Eighty Nine only

S.V. Nirkhe
Superintending Engineers
Mechanical Circle (C.F.)
NAGPUR.