

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
JANAPATH, BHOINAGAR, BHUBANESWAR – 22.



[Electrical Division]

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BID REFERENCE NO: -24 /JM / ELECT / OPHWC/ 2019-20

PRICE BID

FOR

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF LIGHTNING PROTECTION SYSTEM ALONG WITH SURGE PROTECTION DEVICE AT **18** LOCATIONS IN THE DISTRICT OF **DHENKANAL**.

[D] DHENKANAL DISTRICT

NAME OF THE LOCATIONS			
SL.NO	NAME OF THE LOCATION	SL.NO	NAME OF THE LOCATION
D1	Gondia Police Station	D10	Nihalprasad Police Station
D2	Parjang Police Station	D11	SDPO, Kamakshyanagar
D3	Sadar Police Station, Dhenkanal	D12	Town Police Station, Dhenkanal
D4	Bhuban Police Station	D13	Motanga Police Station
D5	Kamakshyanagar Police Station	D14	Kantabania Police Station
D6	Kankadahada Police Station	D15	Balimi Police Station
D7	Tumusingha Police Station	D16	Energy Police Station, Dhenkanal
D8	Hindola Police Station	D17	SDPO, Sadar
D9	Rasol Police Station	D18	DPO, Dhenkanal

SCHEDULE OF WORK FOR 01 NO. LOCATION

SL.NO	DESCRIPTION OF WORKS	UNIT	QNTY	RATE IN Rs.	AMOUNT IN Rs.
1	<p><u>Air-Terminal</u> Supply, Installation, Testing & Commissioning of Early Streamer Emission (ESE) type lightning Air terminal.</p> <p><u>Supporting Mast</u> The mounting pole used to support the lightning air terminal shall be minimum length of 05 Mtr. non corrosive and made up of medium class GI / SS pipe of 1.5" diameter having base plate at bottom for</p>	NO	01	97,850.00	97,850.00

Signature with seal of the Bidder.

	<p>securely fixing the mast on roof top. The mounting pole and supports shall be securely fixed with the brackets and PVC insulated metallic guy wires to withstand the maximum wind velocity of that area.</p> <p>Protection Radius :- 48 Mtr.</p> <p>Make :- ABB / STROMKING / POWER TRAC</p> <p>All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>				
2	<p>Lightning Strike Counter</p> <p>Supply, Installation, Testing & Commissioning of non-electronic & non-resettable (Not require any external power supply) type lightning strike counter to count the lightning stroke having display with IP-67 enclosure including all accessories and connection..(6/7 digit)</p> <p>Make :- ABB / STROMKING / POWER TRAC</p> <p>All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>	NO	01	25,000.00	25,000.00
3	<p>Supply, Installation, Testing & Commissioning of 25 x 5 MM copper flat (Insulated / through 1.5" diameter super quality PVC pipe) from lightning air terminal to earth electrode on wall / ceiling/concrete column/under buried trench by proper saddling & making connection at both ends the and making good the damages caused. All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge</p> <p>Make of PVC Pipe: - AKG / KINJAL / ORIPLAST (CSR SL. NO- 3.11)</p>	MTR	30	509.11	15,273.30
4	<p>Supply, Installation, Testing & Commissioning of maintenance free chemical earthing having enhancing chemical compound with 3 Mtr. Long</p>	NO	03	15,200.00	45,600.00

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	<p>copper bonded steel rod and suitable termination clamp including all accessories.</p> <p>Make :- ABB / STAR-X / UNIVERSAL</p> <p>All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>				
5	<p>Supply, connection & Testing of sub earthing with 16 Sq.mm single core multi stranded copper flexible wire from surge protection device (SPD) panel to earth electrode & Main panel board to SPD panel including all accessories, cable socketing and connections.</p> <p>Make :- FINOLEX / ANCHOR / HAVELLS</p> <p>All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>	MTR	18	154.73	2785.14
6	<p>Supply, Installation, Testing & Commissioning of indoor type wall mounted Surge protection device (SPD) panel made of 2 mm thick CRCA sheet, dust and vermin proof duly powder coated having the following arrangement & complete factory wired by 16 Sq.mm single core multi stranded copper flexible wire.</p> <p>[A] Type 1+2 AC Surge Protection Device (SPD) (TP+N) (50 KA) – 01 Set</p> <p>[B] 63 Amp. HRC fuse with link – 03 Nos</p> <p>[C] 100 Amp. 4 pole stud connector – 01 No</p> <p>Make of SPD & HRC Fuse :- HAVELLS / L&T / LEGRAND</p> <p>Make of Wire :- FINOLEX / ANCHOR / HAVELLS</p> <p>All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>	NO	01	18,665.00	18,665.00

Signature with seal of the Bidder.

TOTAL ESTIMATED COST EXCLUSIVE OF GST FOR 01 NO. LOCATION	2, 05,173.44
TOTAL ESTIMATED COST EXCLUSIVE OF GST FOR 18 NOS. LOCATION	36,93,121.92
Rupees Thirty Six Lakh Ninety Three Thousand One Hundred Twenty One and Ninety two Paisa Only	

Please Fill Up the Appropriate Box

Excess % OR Less % on Estimated Cost of Rs. **36,93,121.92**

Quoted Amount in Figure: - Rs.

Quoted Amount in Word:-

Signature with seal of the Bidder.

Sd/- Asst. Project Manager (Elect) Sd/- Asst. Project Manager (Elect) Sd/- Consultant (Elect) Sd/- Joint Manager (Elect)

Signature with seal of the Bidder.