

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 **07** LOCATIONS IN THE DISTRICT OF **JAGATSINGHPUR**.

[E] JAGATSINGHPUR DISTRICT

NAME OF THE LOCATIONS	
SL.NO	NAME OF THE LOCATION
E1	Paradeep Lock Police Station
E2	Raghunathpur Police Station
E3	DPO, Jagatsinghpur
E4	Balikuda Police Station
E5	Biridi Police Station
E6	Nuagaon Police Station
E7	Tirtol Police Station

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 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>	NO	01	97,850.00	97,850.00

Signature with seal of the Bidder.

	<p>Protection Radius :- 48 Mtr. Make :- ABB / STROMKING / POWER TRAC All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>				
2	<p><u>Lightning Strike Counter</u> 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) Make :- ABB / STROMKING / POWER TRAC 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 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 copper bonded steel rod and suitable termination clamp including all accessories. Make :- ABB / STAR-X / UNIVERSAL</p>	NO	03	15,200.00	45,600.00

Signature with seal of the Bidder.

	All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.				
5	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. Make :- FINOLEX / ANCHOR / HAVELLS All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	MTR	18	154.73	2785.14
6	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. [A] Type 1+2 AC Surge Protection Device (SPD) (TP+N) (50 KA) – 01 Set [B] 63 Amp. HRC fuse with link – 03 Nos [C] 100 Amp. 4 pole stud connector – 01 No Make of SPD & HRC Fuse :- HAVELLS / L&T / LEGRAND Make of Wire :- FINOLEX / ANCHOR / HAVELLS All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	NO	01	18,665.00	18,665.00
TOTAL ESTIMATED COST EXCLUSIVE OF GST FOR 01 NO. LOCATION					2, 05,173.44
TOTAL ESTIMATED COST EXCLUSIVE OF GST FOR 07 NOS. LOCATION					14,36,214.08
Rupees Fourteen Lakh Thirty Six Thousand Two Hundred Fourteen and Eight Paise Only					

Signature with seal of the Bidder.

Please Fill Up the Appropriate Box

Excess		%	OR	Less		%	on Estimated Cost of Rs. 14,36,214.08
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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.