

THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.
 JANAPATH, BHOINAGAR, BHUBANESWAR - 22
 [Electrical Division]
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PRICE BID FOR THE WORK UNDER SL. NO :- 03 AS PER IFB

NAME OF THE WORK :- SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF LIGHTNING PROTECTION SYSTEM AND D.G SET AT 24X7 PHC BUILDING, KANKILI OF TALCHER BLOCK IN THE DISTRICT OF ANGUL.

BID REF NO :- 91/PM/ELECT/OPHWC/2022-23

| | |
|---------------------------------------|--|
| NAME & ADDRESS OF THE FIRM | |
|---------------------------------------|--|

SCHEDULE OF WORKS

| Sl. No. | Description of work | Unit | Qty. | Estimated Cost in Rs. | |
|---------|---|------|------|-----------------------|---------------|
| | | | | RATE IN RS. | AMOUNT IN RS. |
| 1 | <p><u>Air-Terminal</u> Supply, Installation, Testing & Commissioning of Early Streamer Emission (ESE-30) 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> <p><u>Protection Radius :- 48 Mtr.</u> Make :- ABB / STROMKING All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p> | No | 1 | 99,250.00 | 99,250.00 |
| 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)</p> <p>Make :- ABB / STROMKING All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p> | No | 1 | 27,250.00 | 27,250.00 |
| 3 | <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.</p> <p>Make :- ABB / STAR-X / UNIVERSAL All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p> | No | 3 | 16,650.00 | 49,950.00 |
| 4 | <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 All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p> | Mtr | 18 | 154.73 | 2,785.14 |

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|--------|--|------|--------------------------|--|-------------------|
| 5 | 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 | 1 | 18,665.00 | 18,665.00 |
| 6 | Supply and Laying of 70 sq. mm single core FR PVC insulated unsheathed copper conductor for voltage grade 1100 volt as per IS-694 in surface/Underground as required.(Sl. No.-5.5.2)(Make-KEI/FINOLEX/HAVELLS) | Mtr | 20 | 1,038.57 | 20,771.40 |
| | | | | TOTAL Rs. | 218,671.54 |
| | DG SET | | | | |
| 1 | 40003597 Design, Supply, erection, testing and commissioning of 40 KVA silent type DG set(only for light, fan, computer & 1 No. Acquaguard point) with AMF,440 V three phase 1500 RPM, 50 HZ 3 cylinder with 4 Nos. earthing ,63 Amp 4 pole changeover,ms pipe exhaust system,residual silencer,thermal logging and cladding of exhaust pipe complete,DG Plinth & shed as per specification as required and as per direction of engineer-in-charge.(make-Kirloskar/Mahindra Powerol Ltd/Cumins) | NO | 1 | 630,244.00 | 630,244.00 |
| | | | | Total Rs. | 218,671.54 |
| | | | | Total Estimated Cost | 848,915.54 |
| | | | | Total Estimated Cost in Figures | 848,916.00 |
| EXCESS | <input type="checkbox"/> | LESS | <input type="checkbox"/> | (Please Tick) | _____ % |
| | Quoted Amount in Figure | | | | |
| | Quoted Amount in words | | | | |

N:B- The Estimated cost is exclusive of GST .

Signature of Tenderer with seal

Sd/-
Asst. Project Manager (Elect)

Sd/-
Asst. Project Manager (Elect) (Hqr)

Sd/-
Project Manager (Elect.)