

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 :- 01 AS PER IFB

NAME OF THE WORK :-EXECUTION OF AREA ILLUMINATION WORK AND INSTALLATION OF LIGHTNING PROTECTION SYSTEM AT FORTIFIED POLICE STATION BUILDING, KALAMPUR IN THE DISTRICT OF KALAHANDI.

BID REF NO :- 48/DGM/ELECT/OPHWC/2024-25

**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.
SCOPE-A	AREA-ILLUMINATION 12mm thick cement plaster 1:4 overbrick work with cement punning for skirting. including cost of labour, material, T<(>&<)>P etc. all complete.				
2	40001027 Supply and laying of 10 sq.mm 2 core PVC Al. Arm Cable of 1.1 KV grade ISI Marked direct in ground including excavation , sand cushioning , protective covering and refilling the trench etc. as required. (sl no- 5.1.1)(Make Cable- Finolex/ Havells/ Polycab/KEI)	MTR	60.00	241.15	14469
3	40001123 Supply and fixing of Earthing with GI earth pipe 3 meter long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and water pipe etc with charcoal and salt as required(CSR Sl. No- 3.2,)	NO	1.00	2,479.26	2479.26
4	40001126 providing and fixing 8 SWG(4mm)dia copper wire on surface or in recess for loop earthing as required (sl no-3.18)	RFT	20.00	27.49	549.8
5	40001906 Supply and fixing of 2.5sqmm service wire along with G.I wire for support of service wire including all accessories and connections	MTR	72.00	29.34	2112.48
6	40002113 Supply, erection <(>&<)> stringing of 1-phase 2-wire L.T line with (1X35 + 1 x25) mm ² AB cable over 8mtr long PSC Pole along the road. (30 Mtr Span).	MTR	500.00	172.34	86170

7	<p>40002124 Supply <(>&<)> fixing of outdoor/indoor type 63A DPMCB panel having I/C-63 A DPMCB-01 No <(>&<)> 63 Amp 2P Change Over/rotary switch ,Outgoing -02 Nos 32 Amp DPMCB <(>&<)> 02 nos 32 A DP switch with powder coating all accessories <(>&<)> connectionMake a)MCB/MCCB-legrand/schnider/abb/,L<(>&<)>T/An chor/Panasonic (b)Voltmeter/Ametre-AE/CAPPA</p>	NO	1.00	20,125.00	20125
8	<p>40002201 Supply <(>&<)> fixing of 200x150mmx60mm(nominal) size pvc(SINTEX) looping end box with hinged cover having one no.20 amp rating moulded fuse base <(>&<)>holder, 4amp NS type fuse and 4way connector to be used in the bottom of street light pole for cable termination as per electrical engg -in-charge and consoltant and complite as per electrical engg -in -charge and consultation</p>	NO	24.00	1,100.00	26400
10	<p>40002320 Supply <(>&<)> fixing of 90 Wt. LED Street light fitting comprises of Pressure die cast Aluminium housing powder coated in silver grey and toughened glass, Surge Arrester 1 No <(>&<)> 100lum/wt, Protection IP66 having LM 79 LM 80 tested includingbulb,choke,cover,G.I bracket,clamp <(>&<)> nut bolt connecting wire with all accessories and as per instruction of Electrical Engineer-in-charge . (Make- HAVELLS/ WIPRO/ PHILIPS/ CROMPTON/ PANASONIC)</p>	NO	6.00	7,916.60	47499.6
11	<p>40002334 Supply <(>&<)> fixing of 120 Wt. LED FLOOD light fitting comprises of Pressure die cast Aluminium housing powder coated in silver grey and toughened glass, Surge Arrester 1 No <(>&<)> 100lum/wt, Protection IP66 having LM 79 LM 80 tested including bulb,choke,cover,G.I bracket,clamp <(>&<)> nut bolt connecting wire with all accessories and as per instruction of Electrical Engineer-in-charge . (Make- HAVELLS/ WIPRO/ PHILIPS/ CROMPTON/ PANASONIC)</p>	NO	18.00	8,083.35	145500.3
Total-A					345,305.44
SCOPE-B	<p>MIS-INE-LIGHTNING Providing and fixing SS landing valve conforming to IS -52290 with 63 mm dia. instantaneous female coupling on the outlet with PVC cap with chain, necessary companion flanges (as per table "E") nuts, bolts, washer and gasket complete as per specification. (ISI marked) .SAFE GUARD / KARTAR /</p>				

1	<p>40002086 Air-Terminal Supply, Installation, Testing <(>&<)> <(>&<)> Commissioning of Early Streamer Emission (ESE-30))type Lightning Air Terminal. Supporting Mast 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. Protection Radius :- 48 Mtr Make :- ABB / STROMKING All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>	NO	1.00	99,250.00	99250
2	<p>40002089 Lightning Strike Counter 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 All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge. Engineer-in-Charge.</p>	NO	1.00	27,250.00	27250
3	<p>40002095 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 All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>	NO	3.00	16,650.00	49950
4	<p>40002098 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</p>	MTR	18.00	154.73	2785.14

5	40002101 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	1.00	18,665.00	18665
6	40002720 Supply and laying of 70sqmm single core FR PVC insulated unseathed copper conductor for voltage grade 1100 volt as per IS-694 in sur face/underground as required(sl no-5.5.2)(Make- KEI/FINOLEX/HAVELLS)	MTR	50.00	1,038.57	51928.5
Total-B					249,828.64
Sub Total-A+B					595,134.08
Cess @ 1%					5,951.34
Total Estimated Cost					601,085.42
Total Estimated Cost in Figures					601,085.00
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/-
DM I/C (Elect)**

**Sd/-
Dy. General Manager (Elect)**