

**Tender Inviting Authority: JOINT MANAGER [ELECTRICAL DIVISION] ,
THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.**

**Name of work :-SUPPLY,INSTALLATION ,TESTING & COMMISSIONING OF LIGHTENING PROTECTION SYSTEM
(ABB/STROMKING/POWER TRAC) AND AREA ILLUMINATION WORKS AT JMFC BUILDING ,ODOGAON,NAYAGARH.**

BID REF NO.- 19 /JM/ ELECT/OPHWC/2018-19

**Bidder
Name**

SCHEDULE OF WORKS

Sl. No.	Description of work	Qty.	Unit	Estimated Rate	AMOUNT Rs.
A. AREA ILLUMINATION WORK					
1	Supply & fixing of 45 W LED STREET LIGHT FITTING on Pole with ,G.I. Bracket, Clamp & Nut Bolt connecting wire all accessories refer to catalouge No- MAKE- CROMPTON, CODE- LSTO-45-CDL /MAKE-PHILIPS,MODEL- GREEN LINE , CODE-BRP320 / MAKE-HPL, CODE-HPLLEDST4060S &HPLLED4560S including fixing and connections as per instruction of Electrical Engineer-in-charge.	24.00	Nos	8599.70	206392.80
2	Supplying & installation, testing and commissioning of bollard light 1 to 3 feet height having 8 watt LED luminare (Jaguar make Type No-LBLD03R108XW/Similar to WIPRO/Similar to PHILIPS with all accessories including connection etc. and complete as per Electrical Engineer-in-Charge and consultants.	16.00	NO	6900.00	110400.00
3	Supply and fixing of outdoor/indoor type 63 A DPMCB panel having I/C- 63 A DPMCB-01 No & 63 Amp. 2P Change Over, Outgoing- 02 Nos 32 Amp DPMCB & 02 nos 32 A DP Switch with powder coating, all accessories & connections(Make-(a)MCB/MCCB- Legrand/Siemens/ABB/C&S/L&T/Havells/HPL & (b)Volt meter, Ammeter-AE/CAPPA, (d) all other accessories ISI mark]	3.00	Set	15781.10	47343.30
4	Supply and laying of 16 sq.mm 2 core PVC Al. Arm Cableof 1.1 KV grade ISI Marked direct in ground including excavation , sand cushioning , protective covering and refilling the trench etc. as required. (Make cable- Finolex/Havells/Polycab/KEI/Gloster	70.00	Mtr	234.95	16446.50
5	Supply and laying of 10 sq.mm 2 core PVC Al. Arm Cableof 1.1 KV grade ISI Marked direct in ground including excavation , sand cushioning , protective covering and refilling the trench etc. as required. Finolex/Havells/Polycab/KEI/Gloster	250.00	Mtr	214.34	53585.00
6	Supply & fixing of 2.5 sq,mm, 2 core Aluminimum service wire including all accessories and connections(Make of wire- Joshi/Multicab.	75.00	Mtr	34.28	2571.00

7	Supply & fixing of 40 mm dia 3 Mtr long GI pipe including fixing and connections as per instruction of Electrical Engineer-in-charge .	2.00	No	504.85	1009.70
8	Recessed wiring to Gate light Points with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 5 Amp, 250 V one way modular switch ISI marked and ceiling rose ISI marked mounted on MS Box having front bakelite cover of suitable size, MS Box with 1.0 sq. FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection as per direction of Engineer in charge . (Make of wire Finolex / L &T / Anchor / Havels/ V guard,Switch/socket-Anchor/Graetwhile/HPL	4.00	No	708.79	2835.16
9	S/F of 200 mm x 150 mm x 60 mm (nominal) size pvc(SINTEX) looping end box with hinged cover having one no. 20 A rating moulded fuse base & holder, 4 A NS type fuse and 4 way connector to be used in the bottom of street light pole for cable termination as per Electrical Engineer-in-Charge and consultants. and complete as per Electrical Engineer-in-Charge and consultants.	20.00	NO	1100.00	22000.00
10	Construction of light post base with inside opening of following size complete including excavation of pit, PCC padding, 250 mm thick brick walls on all sides, 1:6 cement plastering of the wall sides, top and complete as required and as per direction of Engineer-in charge.				
a	300mm x 300mm x 750mm	16.00	Nos	1966.19	31459.04
11	Supplying & installation, testing and commissioning of post top lantern of 40 watt LED luminare (CROMPTON/BAJAJ/PHILIPS/WIPRO/JAGUAR) with all accessories and including connection etc. and complete as per Electrical Engineer-in-Charge and consultants. (Gate light)	4.00	No	11293.61	45174.44
12	Supply and fixing of earthing with G.I. earthing pipe 3 mtr long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watring pipe etc with charcoal and salt as reqd. (csr sr.no- 3.2)	4.00	No	2139.36	8557.44

13	Providing and fixing 8 SWG (4mm) dia copper wire on surface or in recess for loop earthing as required. (csr sr.no- 3.18)	100.00	Rft	22.49	2249.00
B	LIGHTENING PROTECTION SYSTEM MAKE- ABB/ STROMKING/POWER TRAC				
1	Supply, delivery, installation, testing and commissioning of Early Streamer Emission (ESE) Lightning protection Airterminal with a minimum radius of protection of 48 meters& mounting mast (2+3) mtr.with Guy Wire & Base Plate and as per Electrical Engineer-in-Charge.	1.00	No	97850.00	97850.00
2	Supply, delivery, installation, testing and commissioning of Lightning strike counter working electro mechanically without any power supply complete as required and as per Electrical Engineer-in-Charge .	1.00	No	25000.00	25000.00
3	Supply of materials and laying on ceiling/ column/ wall or buried under ground including saddling & making connection at both ends and testing with 25 x5 mm copper flats for roof conductor / down conductor / earth termination and earth interconnection, making good the damages caused as required complete as per Electrical Engineer-in-Charge .	60.00	Mtr.	474.00	28440.00
4	Supply, delivery, installation, testing and commissioning of maintenance free earthing using enhancing chemical compound with copper bonded steel rod with minimum 3.0mts long and suitable termination clamps complete as required and as per Electrical Engineer-in-Charge .	2.00	No	15200.00	30400.00
	Cess				7317.13
	Total Estimated cost in Rs.				739030.51
	Or Say in Rs.				739031.00
EXCESS <input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick) _____%					
Quoted Amount in Figures.					
Quoted Amount in words					

N.B-The Estimate Cost is Exclusive of G.S.T

Signature of Tenderer with seal

Sd/-
Asst. Project Manager (Elect.)

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

Sd/-
Consultant (Elect.)

Sd/-
Joint Manager (Elect.)