

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

Name of work :-SUPPLY & FIXING OF AREA LIGHTING & GATE LIGHTING WORK,LIGHTENING PROTECTION SYSTEM & FIRE EXTINGUISHERS AT MOTU BUS STAND IN THE DIST. OF MALKANGIRI.

Contract No: BID REF NO.- 14/JM/ ELECT/OPHWC/2020-21

Bidder  
Name

**SCHEDULE OF WORKS**

Sl. No.	Description of work	Qty.	Unit	Estimated Rate	AMOUNT Rs.
<b>A</b>	<b>AREA LIGHTING &amp; GATE LIGHTING WORK</b>				
<b>1</b>	Supply of 8 mtr long galvanised octagonal pole with inbuilt JB arrangement . (Top-70mm, Bottom- 135 mm, Thickness -3mm, Base Plate-220x220x12 mm , 220 mm PCD) Make-Crompton/ Utkarsh	Nos	16	19,800.00	3,16,800.00
<b>2</b>	Supply of M 20 Foundation Bolt with double nut and single washer	Nos	16	1,650.00	26,400.00
<b>3</b>	Supply of Template	Set	16	250.00	4,000.00
<b>4</b>	Supply of Junction box material with 10 Amp SPMCB & 63 Amp Connector with Bakelite Sheet	Set	16	650.00	10,400.00
<b>5</b>	Supply of Single arm	Set	16	2,600.00	41,600.00
<b>6</b>	Supply & fixing of 45 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 with bulb,choke,cover,G.I bracket,clamp & nut bolt connecting wire all accessories ( Make-CROMPTON/ PHILIPS/ WIPRO)	Nos	16	5,037.00	80,592.00
<b>7</b>	Supply and laying of 25 sq.mm 3.5 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-25 sl no- 5.1.2) Make-Finolex / Havells / Polycab	Mtr	50	₹ 328.36	16,418.00
<b>8</b>	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- Finolex / Havells / Polycab	Mtr	400	230.18	92,072.00
<b>9</b>	Supply of 40mm Dia HDPE Pipe ,PE 63grade,04MPA,2.0 wall thickness. Make :- Ori Plast/Hari plast	Mtr.	400	62.00	24,800.00
<b>10</b>	Supply & fixing of 2.5 sq.mm, 2 core Aluminium service wire including all accessories and connections make - Joshi/ Multicab	Mtr	60	34.28	2,056.80

11	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 bakelight 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 / Havells/ V guard) Make of switch- Anchor/ Havells/ L&T	No	6	708.79	4,252.74
12	<b>FEEDAR PILLAR:-</b>				
	<b>Incoming:</b>				
	1 no.125A, 35 kA, FP MCCB				
	<b>Outgoing:</b>				
	63 4P MCB-4 Nos				
	<b>Instruments:</b>				
	Indicator with control fuse	SET	1	22,000.00	22,000.00
13	Supplying & installation, testing and commissioning of post top lantern of 40 watt LED luminare (CROMPTON/BAJAJ) with all accessories and including connection etc. and complete as per Electrical Engineer-in-Charge and consultants. ( Gate light )	No	6	11293.61	67,761.66
14	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)	No	2	2,402.89	4,805.78
15	Providing and fixing 8 SWG (4mm ) dia copper wire on surface or in recess for loop earthing as required. ( csr sr.no- 3.18)	Rft	100	25.73	2,573.00
<b>B</b>	<b>LIGHTENING PROTECTION SYSTEM ( MAKE- ABB/ STROMKING/ POWER TRAC</b>				
i	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.	No	1	₹ 97,850.00	₹ 97,850.00
ii	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 .	No	1	₹ 25,000.00	₹ 25,000.00

iii	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 .	Mtr.	30	₹ 474.00	₹ 14,220.00
iv	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 .	No	2	₹ 15,200.00	₹ 30,400.00
<b>C</b>	<b>FIRE EXTINGUISHERS MAKE- KANEX/ UFS/ FIRE SHIELD</b>				
1	Supply installation testing and commissioning of CO2 4.5kg capacity Fire Extinguisher made from seamless steel cylinder with initial charge complete with wall fixing bracket. The extinguisher shall conform to IS2878 and have certification mark engraved.	8	Each	₹ 3,500.00	₹ 28,000.00
	Total Rs.				<b>912001.98</b>
	Total Estimated Cost in Figures.				<b>912002.00</b>
CESS <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 i:e @12%**

Signature of Tenderer with seal

Sd/-  
Asst. Project Manager (Elect.)

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

Sd/-  
Joint Manager (Elect.)