

**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 :- SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF AREA ILLUMINATION WORK AT SEMILIGUDA BUS STAND IN THE DISTRICT OF KORAPUT.**

**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.
A					
1	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	4	2479.26	9,917.04
(a)	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	160	27.49	4,398.40
2	40001367 Supply and laying of 16 sq.mm 4 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)	MTR	700	299.06	209,342.00
3	40002239 Supply and laying of 2.5Sqmm 3 Core Copper Cable 20 mm dia non-metallic heavy duty flexible conduit 1.6 mm thick (Make of wire Finolex/L &T/Anchor/Havels/V Guard)	MTR	650	89.66	58,279.00
4	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) Ground Floor	NO	50	7916.6	395,830.00
5	40002349 Supply & erection of 8.0 Mtr galvanized Octagonal pole ,continously tapered,single piece,3mm thick,The face to face dimension is 130mm at bottom and 70mm at top dia.base plate.size is 200 x 200 x16 mm thick The pole should be manufactured from special steel plate suitable for lighting Arrangement System ,Galvanized Foundation bolt specification of bolt length 600mm circle dia 200mm bolt size 20mm,Template size is 200mm PCD,thickness 3mm with 10/4 Bakelite Cover,63 Amp 4 way Stud Connector-01No,10 Amp SPMCB-01 No,MCB Channel-01 No,Mudguard Nut,Bolt & washer-06 Nos,Aluminium Socket-08 Nos.(make-Bajaj/havells/RR-ISPAT) Ground Floor	NO	50	21649	1,082,450.00
6	40002353 Supply and fixing of 1mtr. Long Galvanized deocartive single arm welded with top canopy at an angle of 120 degree with the pole.The outer dia of arms are 46mm,4 nutbolts suitable for 70mm Top.	NO	50	2224	111,200.00

7	40002360 Supply and fixing of 40mm dia HDPE pipe -PE 80 grade PN-6. 2.0 wall thickness	MTR	70	93	6,510.00
8	40002497 Supply of outdoor type auxillary panel board made out from 20guage thick CR Sheet duly painted with clamping arrangement to be fixed on street light pole equipped with 04 nos bus bar 03 nos indication lamp with 1 No toggle switch ,1 no timer switch , 1 No Stud type 4 way terminal I/P) 63 Amp ) 1 No 63A TPN MCB, 1 No 3 Pole Contractor 65 A, 1 No Single Pole MCB 10A, 3 Nos 16 amp TPN MCB , 3 Nos Stud type , 4 way terminal (O/P) 63A A with earthing arrangement [Make-(a)MCB /MCCB - Legrand/ Schnider/L &T/ ABB, ( b)Volt meter, Ammeter-AE/CAPPA, (d) all other accessories ISI mark]	NO	2	23000	46,000.00
9	40003037 Supply of outdoor type auxillary Junction box with Busbar arrangement & 32 Amp DPMCB.	SET	1	650	650.00
10	40003039 Supply and Erection of 16 M high mast shaft in two sections suitable for wind speed 180KM/Hr complete with all accessories, lantern carriage suitable for use with 8 nos. of specially designed highly corrossion resistant aluminium alloy housing 180 wt LED flood light luminaires of same high mast manufacturing company having excellent heat dissipation characterstic ,protection against over voltages & over current, colour temperature of 5700 K, IP 65 protection and suitable inbuilt driver to maintain minimum power factor of 0.95 . The high mast should have arrangement for raising, lowering of lantern carriage, Winch ,integral powertool/motor, torque limiter,6 mm stainless steel wire rope of AISI 316 grade,lightening finial,stainless steel hard wares , LED aviation obstruction fitting, M30x 850 mm long EN 8 grade foundation bolts, anchor plate & templates ,Feeder pillar having arrangement for automatic ON-OFF lighting system & Raising lowering of mast and other accessories .The bottom dia , Top dia ,bottom thickness and top thickness should be as per the structral calculation done by the highmast manufacturer .The base plate of mast must be having minimum thickness of 30 mm thick & 670 mm diameter to be supplied. Both the high mast & luminaires should be of same make and should be guaranteed for a period of minimum 3 years on entire system. 2 nos. earthing to be done per mast by using 50 mm dia GI pipe of 3 meter long,salt, charcoal & connecting the pit by using 25 x 6 GI strip.(Make-luminaries-PHILIPS/ CG/ BAJAJ/GE/ HAVELLS	NO	1	540000	540,000.00
11	40003041 Supply, installation, testing and commissioning of GI coil earthing including excavation of earth pit in all kinds of soil/rock filling with charcoal & salt, connections to earthing stids/ bolt of the pole complete including all accesories and connections.	NO	50	240	12,000.00
12	40003044 Supply of Junction box material with 10 Amp SPMCB & 63 Amp Connector with Bakelite Sheet	NO	50	650	32,500.00
				<b>TOTAL IN RS</b>	<b>2,509,076.44</b>
				CESS @1%	25,090.76
				<b>Total Estimated Cost</b>	<b>2534167.20</b>
				<b>Total Estimated Cost in Figures</b>	<b>2,534,167.00</b>
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/-  
APM (Elect.) Hqr.

Sd/-  
Project Manager (Elect.)