

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.****JANAPATH, BHOINAGAR, BHUBANESWAR - 22****[Electrical Division]****Ph: 0674-2541545, 2542921, Fax: 0674-2541543****E-mail :- pmelectricalophwc2021@gmail.com, Website: www.ophwc.nic.in****PRICE BID FOR THE WORK UNDER S.L. NO :- 05 AS PER IFB****NAME OF THE WORK :- SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF AREA ILLUMINATION WORK & LIGHTNING PROTECTION SYSTEM AT ANWESHA HOSTEL FOR BOYS & GIRLS, NABARANGPUR IN THE DISTRICT OF NABARANGPUR.****BID REF. NO :- 11/PM/ ELECT/OPHWC/2021-22****NAME &  
ADDRESS  
OF THE  
FIRM****SCHEDULE OF WORKS**

<b>Sl. No.</b>	<b>Description of work</b>	<b>UNIT</b>	<b>QNTY</b>	<b>RATE (Rs)</b>	<b>AMOUNT (Rs)</b>
<b>A.</b>	<b>AREA ILLUMINATION WORK</b>				
1	Construction of 1 phase 2 wire L.T line with (1 x35+ 1 x 25) AB cable on 8 mtr. Long 200 KG PSC Pole. ( 30 mtr. Span)	Km	0.6	171959.96	103175.98
2	Supply & fixing of 120 Wt LED street light fitting Complete set with G.I. Bracket, Clamp & Nut Bolt connecting wire all accessories including fixing and connections as per instruction of Electrical Engineer-in-charge.[MAKE- PHILIPS / CROMPTON / BAJAJ / HAVELLS / JAQUAR / HPL / PASSOLITE / WIPRO / GREATWHITE]	Nos	20	13676.96	273539.20
3	Supply and fixing of outdoor/indoor type 63 A DP MCB panel having I/C- 63 A DP MCB-01 No & Outgoing- 02 Nos 32 Amp DPMCB & 02 nos 32 A DP Switch with powder coating, all accessories & connections.	Set	1	20125.00	20125.00
4	Supply,laying & testing of 2 core,16 sq.mm PVC insulated ,PVC sheathed aluminium armoured power cable of 1100 volt grade through under ground /surface as per the site requirement including all accessories and connections from LT Pole to 63 Amp RDPMS and 63Amp RDPMS to LT line for street light purpose with making good the damages caused and as per direction of Engineer-in-charge.( Make- Finolex/ Havell/ Polycab/KEI)	Mtr	60	237.20	14232.00

5	Supply and fixing of 2 core 4 sq.mm Al. service wire with all accessories including fixing and connection as required as per electrical engg -in -charge and consultation	Mtr	40	37.14	1485.60
6	Supply and fixing of 40 mm Dia 3 Mtr. Long GI cable protection pipe including fixing and connection.	Nos	1	531.38	531.38
7	Supply and fixing of earthing including 40 mm. dia. 3 mtr. long G.I pipe The pipe shall have 12 mm. dia. perforated holes at 15 cm centre to centre up to 2.5 mtrs height from the bottom and fitted with a 38 mm. dia. G.I flange at the top with provision of holes for making connection of earth continuity wire,complete with masonry work for earth pit chamber.The earth pit shall have an alternative layer of 105 mm. charcoal and 50 mm. salt up to a depth of 465 mm. and rest shall be filled with charcoal to a further depth of 2035 mm.	Nos	1	2148.75	2148.75
8	Supply and fixing of sub earthing with No-8 bare copper wire as earth Continuity wire from Main pannel board to earth electrode inside the wall/ground to a depth of 50 mm. and make good of the wall/ground including all connections.	Rft	40	22.84	913.60
	<b>TOTAL RS.</b>				<b>416151.51</b>
<b>A</b>	<b>LIGHTNING PROTECTION SYSTEM</b>				
1	Supply, Installation, Testing & Commissioning of optimised pulse rod Early Streamer Emission (ESE) as per french .Standard BSEN.50164/2 accesorise & NFC 17102 Stainless steel air terminal with maintaining accessory of Make ABB or ERICO as per imported manufacture testing laboratory certificate including required copper flat & chemical earthing.. The optimum effectiveness of this device is 107 Rmt ( radius) . All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	No	2	1,50,000.00	3,00,000.00
	<b>TOTAL RS.</b>				<b>7,16,151.51</b>
	<b>SAY RS.</b>				<b>716152.00</b>
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 i.e. @ 12%**

**Signature of Tenderer with seal**  
Sd/-  
Asst. Project Manager (Elect)

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

Sd/-  
Project Manager(Elect)