

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 :- 02 AS PER IFB

NAME OF THE WORK :- SUPPLY & INSTALLATION OF HIGH MAST LIGHT NEAR SECOND GATE WITH L.T LINE AT F.M. UNIVERSITY, BALASORE.

BID REF NO :- 45/PM/ELECT/OPHWC/2023-24

**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.
1	40001367 Supply and laying of 16 sq.mm 4 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.(MAKE CABLE - FINOLEX/ HAVELLS/ POLYCAB/ KEI)	MTR	97	301.55	₹ 29,250.35
2	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/Havells/V Guard)	MTR	25	89.66	₹ 2,241.50
3	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 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)	NO	4	7916.6	₹ 31,666.40
4	40002486 Supply and erection of 8 Mtr. Long pole having material : MS tubular/octagonal hot dip galvanised(Medium) pipe as per IS1239(Parti) - 1990 at 90 microns with 8 gussets, earth point provision, channel support of size 50mmX50mmX6 mm for fixing of six nos LED Flood light including colouring of 2 coat of red oxide & black paint, equal thickness for the base plate of pole and pillar, provision of antivibration mats. The pole shall be erected on a reinforcement foundation of 1.5 Mtr. J-type foundation bolts will be 24mm and for an length of 1 Mtr. below ground, RCC readymade muff shall be filled with cement concrete 1:2:4. The pole should be of industry gate GI coated, weather and should be lightning proof with appropriate earthing.(make-Bajaj/havells/RR-ISPAT)	SET	1	26745	₹ 26,745.00
5	40002497 Supply of outdoor type auxillary panel board made out from 20 gauge 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	1	23000	₹ 23,000.00

6	40003037 Supply of outdoor type auxillary Junction box with Busbar arrangement & 32 Amp DPMCB.	SET	4	650	₹ 2,600.00
7	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	1	240	₹ 240.00
8	40005340 Supply and Erection of PHILIPS/CG/GE/C&S/Havells make 20 M high mast shaft in two sections suitable for wind speed 180KM/Hr complete with all accessories, lantern carriage suitable for use with 9 nos. of specially designed highly corrossion resistant aluminium alloy housing 300 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-Havells/Wipro/Philips/Crompton/Panasonic)	NO	1	900000	₹ 900,000.00
9	40008375 Supply, erection & stringing of 3-phase 5-wire L.T line with (3X95 + 1 x70+1 x50) mm ² AB cable over 9mtr long 150x150 mm RS Joist.	KM	0.6	1474031	₹ 884,418.60
				Total Rs.	1,900,161.85
				Cess @1%	19,001.62
				Total Estimated Cost	1,919,163.47
				Total Estimated Cost in Figures	1,919,163.00
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/-
Asst. Project Manager (Elect) (Hqr)

Sd/-
Project Manager (Elect.)