

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 :- EXECUTION OF AREA ILLUMINATION WORK AT MAHATMA GANDHI ACADEMY OF PRISONS & CORRECTIONAL SERVICES, CHATABARA, BHUBANESWAR.

BID REF NO :- 53/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.
1	40001030 Supply and laying of 16 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 Cable- Finolex/ Havells/Polycab/KEI)	MTR	40	258.04	10,321.60
2	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	2437.86	9,751.44
3	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	60	26.89	1,613.40

4	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	90	295.34	26,580.60
5	40001906 Supply and fixing of 2.5sqmm service wire along with G.I wire for support of service wire including all accessories and connections	MTR	96	29.34	2,816.64
6	40002124 Supply & fixing of outdoor/indoor type 63A 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 & connection Make a)MCB/MCCB-legrand/schnider/abb/,L &T/Anchor/Panasonic (b)Voltmeter/Ametre-AE/CAPPA	NO	2	20125	40,250.00
7	40002128 Supply & Fixing of 2 core 16 sqmm Cable end termination	NO	4	165.13	660.52
8	40002155 Supply and fixing of 16 sq.mm 04 core PVC Al. Arm Cable of 1.1 KV grade end termination.	SET	2	213.34	426.68

9	<p>40002284 Supply, Installation, Testing & Commissioning of 20Watt Standalone LED Solar Street light fittings including 30 Ah LiFeP04 Battery which will be kept inside the luminair house (Theft retardant type), PIR Sensor(Auto/Bypass as per site requirement), MPPT charge controller. The initial lumen out put is 3000 lumen or more (lumen efficiency of 150lm/w),IP 65 protection, 2 days back up ,80 WP highly efficient Mono Crystalline PV panel with 5 years comprehensive Warantee on entire System/Installation with luminaries and 25 years Warantee on PV panel. The works to be executed as per the instruction of Electrical Engineer-in-Charge. (Make- HAVELLS/ WIPRO / PHILIPS/ CROMPTON/ PANASONIC)</p>	NO	6	35700	2,14,200.00
10	<p>40002293 Supply of 6 mtr. Long(5mtr. above the ground & 1mtr. below the ground), 76 mm outer dia, 3 mm thick MS Tubular Galvanised Pole with 500 mm lighting arm and all Accessories.</p>	NO	6	6000	36,000.00
11	<p>40002296 Foundation, Installation & Errection of Pole with street light.</p>	NO	6	2000	12,000.00
12	<p>40002299 Supply & fixing of 70/72 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)</p>	NO	32	5209.5	1,66,704.00

13	40002501 Supply and fixing of Incoming 1NO,63 AMP 4P MCB,415 V and Outgoing 6 nos 32 DPMCB with 63amp 4Pole Change over and connections As per instruction of electrical engineer -in-charge [Make-(a)MCB /MCCB - Legrand/ Schnider/L&T/ ABB, (b)Volt meter, Ammeter-AE/CAPPA, (d) all other accessories ISI mark]	SET	1	27226.47	27,226.47
14	40003824 Supply and installation of 125x75mni RS joist(9 mtr long)(13 kg/mtr)	KG	16	10144.8	1,62,316.80
15	40003844 Supply and laying of 1X35+1X25mm2 LT XLPE Aerial bunched Cable.	KM	0.45	65711.94	29,570.37
16	40004043 LT pin insulator	NO	5	31.29	156.45
17	40004049 LT GI Pin	NO	5	78.23	391.15
18	40004172 GI Back Clamp for V cross arm (11KV) (0.85 kg each)	NO	1	125.16	125.16
19	40004281 Supply and fixing of LT straight cros arm (1 ph 2 wire)	NO	1	453.73	453.73
20	40004283 Supply and fixing of Nutbolt for LT support pole with accessories	KG	2	111.08	222.16
Total Estimated Cost					7,41,787.17
Total Estimated Cost in Figures					7,41,787.00
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/-
A.P.M (Elect)

Sd/-
Project Manager(Elect)

Sd/-
A.P.M (Elect) Hqr.