

TENDER INVITING AUTHORITY: JOINT MANAGER (ELECTRICAL DIVISION),THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD, BHUBANESWAR

NAME OF THE WORK :-EXECUTION OF DG SET WIRING ,OUT SIDE LIGHTING, OUT SIDE GATE LIGHTING,FRONT GATE & PORTICO RENOVATION OF SPECIAL SUB-JAIL AT BOUDH.

BID REF NO.- 22/JM/ELECT/OPHWC/2019-20

Bidder Name

SCHEDULE OF WORKS

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
	ANNEXTURE -A (DG SET WIRING)				
1	Supply and fixing of LT Dead end clamp.	Nos	16	₹ 514.70	₹ 8,235.20
2	Supply and fixing of suspension clamp.	Nos	16	₹ 547.15	₹ 8,754.40
3	Supply and laying of 3x50+1x35+1x16 sq.mm AB Cable.	Km	0.8	₹ 267,789.12	₹ 214,231.30
4	Supply and Fixing of 125 Amp Change Over Panel including all accessories and connections as per instruction of Electrical Engineer-in- Charge.	Set	1	₹ 20,334.58	₹ 20,334.58
5	Supply and laying of 50 sq.mm 3.5 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. (Sl. No-25 sl no- 5.1.2)	Mtr	90	₹ 432.27	₹ 38,904.30
6	Supply and laying of 25 sq.mm 3.5 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. (sl no-5.1.1)	Mtr	40	₹ 312.52	₹ 12,500.80
7	Supply and laying of 10 sq.mm 2 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. (sl no-5.1.1)	Mtr	440	₹ 214.34	₹ 94,309.60
8	Supply and fixing of Earthing with GI earth pipe 3 meter long 40 mm dia ISI marked including accessories and providing masonary enclosure with cover plate having locking arrangement and water pipe etc with charcoal and salt as required(CSR Sl. No- 3.2,)	Nos	4	₹ 2,123.91	₹ 8,495.64
9	Earthing with G.I. plate 600 mm x 600 mm x 6 mm thick ISI Marked including accessories and providing masonary enclosure with cover plate having locking arrangement and water pipe etc with charcoal and salt as required(CSR Sl. No- 3.4,)	Nos	4	₹ 2,897.45	₹ 11,589.80
10	Supplying and laying 25 x 5 mm G.I. Strip ISI marked at 0.5 meter below ground level as strip earth electrode including soldering etc. As required (CSR Sl. No- 3.9,)	Mtr.	160	₹ 63.24	₹ 10,118.40
11	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	60	₹ 22.49	₹ 1,349.40

12	Recessed wiring to angle holder point 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 piano type 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 / Havels/ V guard)	Nos	40	₹ 661.51	₹ 26,460.40
13	Recessed wiring to submain in 2 x 2.5 sqmm FR PVC insulated single core multistarnd copper conductor of ISI marked confirming to IS-694/1990 in 20 mm dia non metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 1.5 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required from BDB to Swich board as per direction of Engineer in charge(Make of wire Finolex / L &T / Anchor /	Mtr	360	₹ 111.53	₹ 40,150.80
14	Supply and fixing of 2 way , single Door MCB Box with 1 No 6 Amp. DP MCB with sheet steel encloser , distribution board, on surface/ recess, complete with tinned copper bus bar , neutral bus bar, earth bar, din bar , detachable gland plate, interconnection , phosphate and power painted including earthing etc as required.(Sl. No-2.3.,2.7,)	No	10	₹ 1,170.60	₹ 11,706.00
	ANNEXTURE -B(OUT SIDE LIGHTING)				
1	Supply & fixing of 90 w LED street light fitting in pressure dia cast aluminium housing with heat resistant glass with lens , ip65 protection having lm 79 lm 80 tested. make-bajaj-code-bslst 90 w/169177/ make-havells, model-endura city liner 90 w LED 6000k, code-lhetaxu7in6j090 / on Pole with ,G.I. Bracket, Clamp & Nut Bolt connecting wire all accessories including fixing and connections as per instruction of Electrical Engineer-in-charge.	No	15	₹ 13,995.50	₹ 209,932.50
2	Supply and fixing of 63 AMP 4P MCB-1NO,63 AMP,415 V CUTOOUT-3 NOS WITH COPPER BUS BAR (>&<) INDICATOR ETC including all accessories 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	2	₹ 17,940.00	₹ 35,880.00
	ANNEXTURE -C(OUT SIDE GATE LIGHTING)				

1	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 / Havels/ V guard)	No	4	₹ 708.79	₹ 2,835.16
2	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)	Mtr	200	₹ 214.34	₹ 42,868.00
3	S/F of 200 mm x 150 mm x 60 mm (nominal) size pvc(SINTEX) looping end box with hinged cover having one no. 20 A rating moulded fuse base & holder, 4 A NS type fuse and 4 way connector to be used in the bottom of street light pole for cable termination as per Electrical Engineer-in-Charge and consultants. and complete as per Electrical Engineer-in-Charge and consultants.	NO	4	₹ 1,100.00	₹ 4,400.00
ANNEXTURE -D(FRONT GATE & PORTICO RENOVATION)					
1	Recessed wiring to Portico Light Point 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 piano type 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 / Havels/ V guard)	Nos	2	₹ 670.36	₹ 1,340.72
2	Supply and fixing of 2 x 18 watt. CFL decorative surface mounted light fittings with all accessories refer to catalouge No MAKE – BAJAJ, MODEL – BCSC 218 CFL W2EB, CODE-530758 / MAKE-HAVELLS, MODEL(GDL 31) SURFACE INT DOWNLITE, CODE- LHFAAKH2IB 1W018 / and connections as per instruction of Electrical Engineer-in-charge .	Nos	2	₹ 1,495.00	₹ 2,990.00
3	Recessed wiring to Security Light Point 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 15 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 / Havels/ V guard)	Nos	1	₹ 755.15	₹ 755.15

4	Supply & fixing of 90 w LED street light fitting in pressure dia cast aluminium housing with heat resistant glass with lens , ip65 protection having lm 79 lm 80 tested. make-bajaj-code-bslst 90 w/169177/ make-havells, model-endura city liner 90 w LED 6000k, code-lhetaxu7in6j090 / on Pole with ,G.I. Bracket, Clamp & Nut Bolt connecting wire all accessories including fixing and connections as per instruction of Electrical Engineer-in-charge.	No	1	₹ 13,995.50	₹ 13,995.50
5	SUPPLY AND FIXING OF ELECTRICALLY OPERATED , DOUBLE MOUNTED TYPE SINGE PHASE 200/250 VOLT 6000 RPM 50 HZ , 3 MILE RANGE SIREN INCLUDING SUPPLY OF ALL MATERIALS AND CONSTRUCTION OF SIREN SHED <(>&<)> SIREN BASE.	Nos	1	₹ 19,435.00	₹ 19,435.00
6	Recessed wiring to Siren Point 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 bell push 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 / Havels/ V guard)	Nos	1	₹ 726.10	₹ 726.10
A	Sub-Total				842298.75
D	Total Estimated Cost in Figures				842299.00
Make of Cable-Finolex/Havells/Polycab					
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/-
Consultant(Elect.)**

**Sd/-
Joint Manager(Elect.)**