

TENDER INVITING AUTHORITY: JOINT MANAGER (ELECTRICAL DIVISION),THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD, BHUBANESWAR					
NAME OF THE WORK :-EXECUTION OF INTERNAL ELECTRIFICATION WORK OF BINJHARPUR FIRE STATION IN THE DIST. OF JAJPUR.					
BID REF NO.- 33/JM/ELECT/OPHWC/2018-19					
Bidder Name					
SCHEDULE OF WORKS					
Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
1	Recessed wiring to different 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 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/HPL)				
(a)	Angle Holder Point	Nos	18	678.03	12,204.54
(b)	Tube Light Point	Nos	24	686.88	16,485.12
(c)	Bullk Head Point	Nos	3	689.40	2,068.20
(d)	Call Bell Point	Nos	2	742.62	1,485.24
(e)	Siren point	Nos	1	678.03	678.03
2	Recessed wiring to Security light point with 1.5 sqmm FR PVC insulated single core multistrand copper conductor of ISI marked with 20 mm dia non metallic PVC flexible conduit with 20 Amp,250 V piano type switch ISI marked and ceiling rose ISI marked mounted on MS Box having front bakelite 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/HPL)	Nos	1	688.02	688.02
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 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	3	655.28	1,965.84

4	Recessed wiring to Ceiling fan 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 piano type switch ISI marked and ceiling rose & step type electronic regulator 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	14	686.88	9,616.32
5	Supply of U-Type fan hook	Nos	14	67.85	949.90
6	supply of Step type Mini electronics Regulator	Nos	14	190.90	2,672.60
7	Recessed wiring to Exhaust fan 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 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/HPL	Nos	4	686.88	2,747.52
8	Point wiring for 5/ 6 amp socket outlet with 1.5 sq.mm FR PVC insulated single core multistrand copper conductor ISI marked in recess 20 mm dia non metallic PVC flexible conduit with 5 Amp, 250 V piano type switch & socket , phenolic laminated sheet suitable size ISI marked MS Box & earthing Point with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor for loop earthing etc as required as per direction of Engineer in charge . (Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Nos	17	330.04	5,610.68

9	Point wiring for 15/16 amp socket outlet with 4.0sq.mm FR PVC insulated single core multistrand copper conductor ISI marked in recess 20 mm dia non metallic PVC flexible conduit with 5 Amp, 250 V piano type switch & socket , phenolic laminated sheet suitable size ISI marked MS Box & earthing Point with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor for loop earthing etc as required as per direction of Engineer in charge . (Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Nos	2	526.26	1,052.52
10	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(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	315	113.80	35,847.00
11	Recessed wiring to submain in 2 x 6 sqmm FR PVC insulated single core multistarnd copper conductor of ISI marked confirming to IS-694/1990 in 32 mm dia non metallic heavy duty flexible conduit 1.6 mm thick along with 1 x 2.5 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required from LDB to Power point (Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	135	161.14	21,753.90
12	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	50	314.77	15,738.50
13	Supply and fixing of 8 way , Double Door MCB Box with 1 No 32 Amp. DP MCB & 6 Nos of 20 Amp. SPMCB 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- 2.3.6,2.7,)	Set	3	2,631.56	7,894.68

14	Supply and fixing of 63Amp. Four pole MCB - 01 No with 63 Amp .415 volt Cut out -3 No 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]	Nos	1	17,940.00	17,940.00
15	Supply and fixing of Electrically operated ,Double mounted type single phase 200/250 volt 6000 RPM 50hz,3 mile range siren including supply of all materials and construction of siren shed & siren base.	Nos	1	19,435.00	19,435.00
16	Supply & Fixing of 400(16") mm WALL MOUNTED FAN WITH COMPLETE ACCWSSORIES[BROWN/WHITE] including hanging and connections as per instruction of Electrical Engineer-in-charge[Make- KHAITAN/USHA/CROMPTON GREAVES)	Nos	4	2,127.50	8,510.00
17	Supply and fixing of 9 WT. LED Bulb installred at angle holder/ batten holder. Make- CROMPTON/ PHILIPS/ WIPRO)	Nos	18	120.75	2,173.50
18	Supply and fixing of 4 FT 20 W LED Tube light fitting with lamp including fixing and connections as per instruction of Electrical Engineer-in-charge .(Make-CROMPTON/ PHILIPS/ WIPRO)	Nos	24	741.75	17,802.00
19	Supply & fixing of 25 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 with bulb,choke,cover,G.I bracket,clamp & nut bolt connecting wire all accessories (Make-CROMPTON/ PHILIPS/ WIPRO)	Nos	3	3,294.75	9,884.25
20	Supply and fixing of Bulk Head fitting with 9 wt. LED Bulb including all accessories and connections as per instruction of Electrical Engineer-in-charge.(Make- CROMPTON/ PHILIPS/ WIPRO)	Nos	3	887.80	2,663.40
21	Supply & fixing of 45 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 with bulb,choke,cover,G.I bracket,clamp & nut bolt connecting wire all accessories (Make-CROMPTON/ PHILIPS/ WIPRO)	Nos	1	5,037.00	5,037.00

22	Supply and fixing of 1200 mm sweep AC ceiling fan (5 star rated) with connecting wire and all accessories including hanging and connections as per instruction of Electrical Engineer-in-charge.- [MAKE- KHAITAN/USHA/ CROMPTON GREAVES)	Nos	14	1,863.00	26,082.00
23	Supply and fixing of 300 mm sweep exhaust fan with connecting wire and all accessories including fixing and connections as per instruction of Electrical Engineer-in-charge. - [MAKE- KHAITAN/USHA/ CROMPTON GREAVES)	Nos	4	2,024.00	8,096.00
24	Supply and fixing of Call Bell/buzzer ISI marked suitable for DC/AC single phase 230 volts complete as required .	No	2	103.99	207.98
25	Supply and fixing of 16/18 SWG metal box of following size on surface/recess with suitable size of phenolic laminated sheet cover in front including cutting the wall and making good the same case of recessed conduit as required.				-
A	6"x4" G.I board	Nos	12	52.66	631.92
B	8"x10" G.I board	Nos	12	115.98	1,391.76
C	8"x6" G.I board	Nos	5	74.93	374.65
26	Supply and fixing of earthing with G.I. earthing pipe 3 mtr long 40 mm dia ISI marked including accessories and providing masonry enclosure with cover plate having locking arrangement and watring pipe etc with charcoal and salt as reqd. (csr sr.no- 3.2)	NO.	2	2,148.75	4,297.50
27	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	100	22.84	2,284.00
A	Total				266269.57
B	Total Estimated Cost in Figures				266,270.00
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/-
APM Elect. (Hqr.)**

**Sd/-
Consultant(Elect.)**

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