

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 :- 04 AS PER IFB

NAME OF THE WORK :- EXECUTION OF INTERNAL ELECTRIFICATION, AREA ILLUMINATION WORK AND INSTALLATION OF D.G SET & LED SIGNAGE AT COURT OF THE CIVIL JUDGE-CUM-JMFC, KESINGA IN THE DISTRICT OF KALAHANDLI.

BID REF NO :- 70/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.
PART-A	INTERNAL ELECTRIFICATION				
1	40000946 Recessed wiring to Angle Holder Point (MODULAR)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) Make-switch /Angle holder-Legrand /Wipro-North West /Anchor /havells /Panasonic)	NO	2	966.48	1,932.96
2	40000949 Recessed wiring to Tube Light Point (MODULAR) 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)(Make-switch/ceiling rose-Legrand /Wipro -North West /Anchor /havells /Panasonic)	NO	1	975.39	975.39
3	40000961 Recessed wiring to Telephone Point (socket)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 socket ISI marked 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)(Make-switch/ceiling rose-Legrand /Wipro -North West /Anchor /havells /Panasonic)	NO	1	944.14	944.14

4	<p>40000970 Recessed wiring to Ceiling Fan Point (MODULAR)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) Make-switch/ceiling rose-Legrand /Wipro-North west /Anchor /havells /Panasonic)</p>	NO	1	975.36	975.36
5	<p>40000982 Point wiring for 5/ 6 amp socket outlet (MODULAR) 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 modular 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) Make-switch/Socket-Legrand/ Wipro-North west/ Anchor/ havells/ Panasonic) (Ground Floor)</p>	NO	2	531.18	1,062.36
6	<p>40000988 Point wiring for 15/16 amp socket outlet (MODULAR) 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 15/16 Amp, 250 V modular 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) Make-switch/Socket-Legrand/ Wipro-North west/ Anchor/ havells/ Panasonic)</p>	NO	2	975.15	1,950.30
7	<p>40000991 Point wiring for Computer Point (MODULAR) with 2.5 sq.mm FR PVC insulated single core multistrand copper conductor ISI marked in recess 20 mm dia non metallic PVC flexible conduit with 3 Nos of 5 Amp, 250 V modular 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) Make-switch/Socket-Legrand/ Wipro-North west/ Anchor/ havells/ Panasonic)</p>	NO	2	1463.01	2,926.02

8	40001000 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 (Make of wire Finolex / L &T / Anchor / Havels/ V guard) (CSR SL .No- 1.8.2)	MTR	30	142.33	4,269.90
9	40001003 Recessed wiring to submain in 2 x 4 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 (Make of wire Finolex / L &T / Anchor / Havels/ V guard) (CSR SL .No- 1.8.3)	MTR	20	159.51	3,190.20
10	40001006 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 20 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 (Make of wire Finolex / L &T / Anchor / Havels/ V guard) (CSR SL .No- 1.8.4)	MTR	10	189.67	1,896.70
11	40001154 Supplying and fixing of 12 modular GI Box 18 swg with Modular base & cover for 12 module (Sl. No- 1301,1421)	NO	1	381.76	381.76
12	40001172 Supply of U-type fan hook	NO	1	89.7	89.70
13	40001187 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,)Make-MCB-(Legrand/L &T/ABB/SCHNIDER/ANCHOR-PANASONIC)	SET	1	2765.34	2,765.34
14	40001193 Blanking Plate	NO	2	19.61	39.22
15	40001234 supply of Stepped type modular fan regulator	NO	1	249.61	249.61
16	40001249 Supply & fixing of cat-6 UTP cable for LAN wiring in existing conduit pipe / PVC casing caping / under floor G.I. Tunk line as per the instruction of Electrical Engineer-In-Charge and consultant . MAKE- D-LINK/DIGISOL/ Molex/Amp	MTR	100	26.17	2,617.00
17	40001258 SUPPLY & FIXING OF POWER DISTRIBUTION BOX,MAKE-NET RACK/VAL RACK	NO	1	523.8	523.80

18	40001262 SUPPLY & FIXING OF 6U WALL MOUNTED RACK WITH ACCESSORIES(Make-Val rack/Net Gear)	NO	1	3771.32	3,771.32
19	40001265 SUPPLY & FIXING OF 1 MTR LONG PATCH CORD(MAKE-D-LINK)	NO	2	101.49	202.98
20	40001268 SUPPLY & FIXING OF 2 MTR LONG PATCH CORD(MAKE-D-LINK)	NO	2	122	244.00
21	40001271 SUPPLY & FIXING OF INFORMATION OUTLET WITH SMB I/O MAKE D-LINK	NO	3	206.85	620.55
22	40001298 Supply and installation of 1.5Tr.(3 Star) Split type Air Conditioner of reputed brand with supply and fixing of 5 KVA ,130-280 Volt voltage range wall/floor mounted stabiliser including all accessories,fastner angle copper piping up to 15ft & connections as per instruction of Electrical Engineer-in-charge MAKE of A.C. – CARRIER/BLUE STAR/MITSUBISHI , MAKE OF STABILIZER-SHAKTI/ AUTOTEK/V-GUARD/MICROTEK	NO	1	41449.94	41,449.94
23	40001583 Supply and fixing of 9 WT. LED Bulb installed at angle holder/ batten holder.(Make- CROMPTON/ PHILIPS/ WIPRO/HAVELLS/PANASONIC)	NO	2	120.75	241.50
24	40001586 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/HAVELLS/PANASONIC)	NO	1	758.99	758.99
25	40001589 Supply and fixing of 1200 mm sweep AC (ISI mark 1 star rated)ceiling fan with connecting wire and all accessories including hanging and connections as per instruction of Electrical Engineer-in-charge.- [MAKE-USHA/ CROMPTON/HAVELLS/ANCHOR-PANASONIC)	NO	1	1874.17	1,874.17
26	40002014 Supply of 10/100/1000 gigabyte smart managed switch with 4 SFP port, 8 ports(Make-D-Link)	NO	1	2095.23	2,095.23
	TOTAL RS.				78,048.44
PART-B	AREA ILLUMINATION				
1	40001027 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)(Make Cable- Finolex/ Havells/Polycab/KEI)	MTR	100	239.7	23,970.00

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	2	2463.16	4,926.32
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	27.26	1,635.60
4	40001166 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/L&T/ABB/SCHNIDER/ANCHOR-PANASONIC(b)- Voltmeter, Ammeter-AE/CAPPA (c) ALL OTHER ACCESSORIES ISI MARK]	NO	1	18572.5	18,572.50
5	40001883 Recessed wiring to Gate light Point (MODULAR)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)(Make-switch/socket-Legrand /Wipro /Anchor /havells /Panasonic)	NO	3	966.48	2,899.44
6	40001987 Supply and laying of 10 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	MTR	350	283.88	99,358.00
7	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 & connectionMake a)MCB/MCCB-legrand/schnider/abb/,L &T/Anchor/Panasonic (b)Voltmeter/Ametre-AE/CAPPA	NO	1	20125	20,125.00
8	40002158 Supply and fixing of 10 sq.mm 04 core PVC Al. Arm Cable of 1.1 KV grade end termination.	SET	28	172.33	4,825.24
9	40002191 Supply & Fixing of 2 core 10 sqmm Cable end termination	NO	4	145.43	581.72

10	40002196 Supply and fixing of 40WT led decorative post top lantern model-JGM-BLK-LGTP040XW (Make-CROMPTON/ PHILIPS/ WIPRO/HAVELLS/PANASONIC)	NO	3	9870.45	29,611.35
11	40002201 Supply & fixing of 200x150mmx60mm(nominal) size pvc(SINTEX) looping end box with hinged cover having one no.20 amp rating moulded fuse base &holder, 4amp NS type fuse and 4way connector to be used in the bottom of street light pole for cable termination as per electrical engg -in -charge and consoltant and complite as per electrical engg -in -charge and consultation	NO	14	1100	15,400.00
12	40002239 Supply and laying of 2.5Sqmm 3 Core Cupper Cable 20 mm dia non-metalic heavy duty flexible conduit 1.6 mm thick (Make of wire Finolex/L &T/Anchor/Havels/V Guard)	MTR	220	89.66	19,725.20
13	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)	NO	22	5209.5	1,14,609.00
14	40002351 Supply & errection of 7.0 Mtr galvanized Octagonal pole ,continuously tapered,single piece,3mm thick,The face to face dimension is 130mm at bottom and 70mm at top dia.base plate.size is 200 x 200 x12 mm thick The pole should be manufactured from special steel plate suitable for lighting Arrangement System ,Galvanized Foundation bolt specification of bolt length 600mm circle dia 200mm bolt size 20mm,Template size is 200mm PCD,thickness 3mm with 10/4 Bakelite Cover,63 Amp 4 way Stud Connector-01No,10 Amp SPMCB-01 No,MCB Channel-01 No,Mudguard Nut,Bolt & washer-06 Nos,Aluminium Socket-08 Nos.(make-Bajaj/havells/RR-ISPAT)	NO	11	19369	2,13,059.00
15	40002355 Supply and fixing of 1mtr. Long Galvanized deocartive double arm welded with top canopy at an angle of 120 degree with the pole.The outer dia of arms are 46mm,4 nutbolts suitable for 70mm Top.	NO	11	3253	35,783.00
16	40005286 Supply & fixing of 30 Wt. TRACK Light complete set including fixing and connections as per instruction of Electrical Engine er-in-charge.[MAKE- PHILIPS / CROMPTON/ WIPRO]	NO	1	2728.95	2,728.95

17	40005392 Recessed wiring to Track Light Point (MODULAR) 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) Make-switch /etc- Legrand /Wipro /Anchor /havells /Panasonic)	NO	1	975.36	975.36
TOTAL RS.					6,08,785.68
PART-C					
DG SET					
1	40001012 Recessed wiring to submain in 4 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 2 x 2.5 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required (Make of wire Finolex / L &T / Anchor / Havels/ V guard) (CSR SL .No- 1.8.10)	MTR	10	286.49	2,864.90
2	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	10	27.26	272.60
3	40001334 Recessed wiring to submain in 4 x 16 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 2 x 10 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required (Make of wire Finolex / L &T / Anchor / Havels/ V guard) (CSR SL .No- 1.8.12)	MTR	6	618.09	3,708.54
4	40002536 Supply and Fixing of 63 Amp four pole changeover .including allaccessories and connections as per instruction of Electrical nginee r-in- Charge. [make- (a)Mcb /Mccb - Legrand/ Schnider/Havells Crabtree/ ABB, (b)volt meter, ammeter-AE/IMP, (d) all other accessories ISI mark]	SET	1	8797.5	8,797.50
5	40005288 Design, supply, erection, testing and commissioning of 20 KVA silent type DG set(Only for light, fan , computer & 1 no Acquaguard point) with AMF, 440 V three phase 1500 RPM ,50HZ ,3 Cylinder with 4 nos earthing, 63 AMP 4 POLE CHANGE OVER ,ms pipe exhaust system, residual silencer, thermal logging and cladding of exhaust pipe complete , D.G. Plinth & Shed as per specification as required and as per direction of engineer-in-charge. Make- Kirloskar/ Mahindra Powerol Ltd/Cumins .	NO	1	590847.45	5,90,847.45
Total Rs.					6,06,490.99
PART-D					
LED SIGNAGE					

1	<p>Fabrication & Supply of LED BLOCK LETTERS Signage Area: 32ft X 7ft =224 sft@1700/- per Sft LETTER Height - As per design 1st Line - ଦେଖାନୀ ଜଜ୍ ଡିଆ ଜେ. ଏମ୍. ଏଫ୍. ସିଂଙ୍କ ଅଦାଲତ, - Letter Height: 20 inch, Length: 328 inch 2nd Line – କେସିଙ୍ଗା, ଜିଲ୍ଲା – କଳାହାଣ୍ଡି - Letter Height: 20 inch, Length: 175 inch 3rd Line –COURT OF THE CIVIL JUDGE-CUM- J.M.F.C.-Letter Height: 15 inch, Length:330 inch 4th Line – KESINGA, DIST.- KALAHANDI - Letter Height : 15 inch, Length : 210 inch Logo - As per design (Length 7ft X 4ft height) Specification for letters : 3d letters with computerized laser cutting (3mm imported) Letter rasing 2”/3” with PVC Female structure. LED Modules: 4000 numbers approx.. , IP 67 water and dust resistant for internal letter illumination . Power supplies : 400 watt (12 no) with 1 yr. warranty Area of Signage : 32’x 7’ =224 Sq.ft @ 1700/Sq ft</p>	Job	1	3,80,800.00	3,80,800.00
2	<p>Structural work as per requirement for the above Board- Design attached (A) M.S. Angle : 50X50X5= 12 rft. X 10 nos = 120 rft (B) M.S. Angle : 50X50X5= 5 rft. X 5 nos = 25 rft (C) M.S. Angle : 50X50X5= 3 rft. X 5 nos = 15 rft (D) For concrete Pillar = 1.5 rft x 10 nos = 15rft TOTAL = 175 RFT = 53.35 Rmt. @ 3.80 Kg / Rmt = 202.74 kg @ 76.13= 15,434.89 Ms Hollow Pipe Section (2” x 1”)/ 50 x25x2.5mm 30 rft x 14 nos= 420 rft= 128.05 Rmt @ 3.24 kg/ Rmt = 414.88 Kg @ 76.13 Kg= 31,584.67 Nut Bolt and clamp- 6000.00 Labour Charges- 5000.00</p>	Job	1	58,018.56	58,018.56
3	<p>Cement Concrete Pillars (Size -1.6ft X 1.6ft X 1.6ft) 10 nos. pillar @ 1,018.32/- = 10,189.32/- Labour = 9,000/-</p>	Job	1	19,189.31	19,189.31
4	Transportation Charges	Job	1	5,000.00	5,000.00
	TOTAL RS.				4,63,007.87
	Total Cost(PART-A+PART-B+PART-C+PART-D)				17,56,332.98
	Cess @1%				17,563.33
	Total Estimated Cost				17,73,896.31
	Total Estimated Cost in Figures				17,73,896.00
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/-
Project Manager (Elect.)