

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 :- 01 AS PER IFB

NAME OF THE WORK :- EXECUTION OF AREA ILLUMINATION WORK AND INSTALLATION OF D.G SET & LED SIGNAGE AT GRAMANYALAYA, TANGI, KHURDA.

BID REF NO :- 08/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.
PART-A	AREA ILLUMINATION				
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) Ground Floor	MTR	200	261.76	52,352.00
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,) Ground Floor	NO	2	2479.26	4,958.52
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) Ground Floor	RFT	40	27.49	1,099.60
4	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 / Havells/ V guard)(Make-switch/socket-Legrand /Wipro /Anchor /havells /Panasonic) Ground Floor	NO	3	977.19	2,931.57
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 Ground Floor	MTR	90	29.34	2,640.60

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 & connectionMake a)MCB/MCCB-legrand/schnider/abb/,L &T/Anchor/Panasonic (b)Voltmeter/Ametre-AE/CAPPA Ground Floor	NO	2	20125	40,250.00
7	40002128 Supply & Fixing of 2 core 16 sqmm Cable end termination Ground Floor	NO	4	167.06	668.24
8	40002196 Supply and fixing of 40WT led decorative post top lantern model-JGM-BLK-LGTP040XW (Make- CROMPTON/ PHILIPS/ WIPRO/HAVELLS/PANASONIC) Ground Floor	NO	3	9870.45	29,611.35
9	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 Ground Floor	NO	34	1100	37,400.00
10	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) Ground Floor	NO	32	5209.5	166,704.00
11	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] Ground Floor	NO	1	2728.95	2,728.95
12	40005299 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 metalic 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) Ground Floor	NO	1	986.07	986.07
	DG SET				342,330.90

13	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 metalic 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
14	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
15	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 metalic 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
16	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 acessories ISI mark]	SET	1	8797.5	8,797.50
17	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	590,847.45
	Total Rs.				606,490.99
PART-C	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 ଡିଆଁ ଶେ. ଏମ୍. ଏସ୍. ସିଂ. ଜ ଅବାଲଡ, - Letter Height: 20 inch, Length: 328 inch 2nd Line – ଟାଙ୍ଗି, ଜିଲ୍ଲା – ଖୋର୍ଦ୍ଧା - 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 – TANGI, DIST.- KHORDHA - 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	380,800.00	380,800.00
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.				463,007.87
	Total Cost(PART-A+PART-B+PART-C)				1,411,829.76
	Cess @1%				14,118.30
	Total Estimated Cost				1,425,948.06
	Total Estimated Cost in Figures				1,425,948.00
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.)