

**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 ELECTRICAL RENOVATION WORK OF HOME SCIENCE DEPARTMENT AT BERHAMPUR UNIVERSITY IN THE DISTRICT OF GANJAM.**

**BID REF NO :- 59/PM/ELECT/OPHWC/2024-25**

**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	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.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection. ( Make of wire Finolux / Anchor / Havells/V guard/KEI) Make-switch /Angle holder-Legrand /Wipro-North West /Anchor-Panasonic/ havells)(Make of PVC pipe-AKG/NORPACK)	NO	38	1,161.89	44,151.82
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.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection. ( Make of wire Finolux / Anchor / Havells/ V guard/KEI)(Make-switch/ceiling rose-Legrand /Wipro-North West /Anchor-Panasonic/ havells)(Make of PVC pipe-AKG/NORPACK)	NO	82	1,170.80	96,005.60

3	<p>40000952  Recessed wiring to Calling Bell 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 modular 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.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection. ( Make of wire Finolex / Anchor / Havels/ V guard/KEI)(Make-bell push switch-Legrand /Wipro-North West /Anchor-Panasonic/ havells)(Make of PVC pipe-AKG/NORPACK)</p>	NO	2	1,312.64	2,625.28
4	<p>40000964  Recessed wiring to Portico 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. mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection . ( Make of wire Finolex / Anchor / Havels/ V guard/KEI) Make-switch /Ceiling rose-Legrand /Wipro-North West /Anchor-Panasonic/ havells)(Make of PVC pipe-AKG/NORPACK)</p>	NO	2	1,170.77	2,341.54
5	<p>40000973  Recessed wiring to Exhaust 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 modular 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.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection . (Make of wire Finolex / Anchor / Havels/ V guard/KEI) Make-switch/ceiling rose-Legrand /Wipro-North West /Anchor-Panasonic/ havells)(Make of PVC pipe-AKG/NORPACK)</p>	NO	5	1,170.77	5,853.85

6	<p>40000979  Recessed wiring to Security Light Point ( MODULAR) (4X24WT) 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.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection . (Make of wire Finolex / Anchor / Havels/ V guard/HPL/KEI) Make-switch-Legrand /Wipro-North West /Anchor-Panasonic/ havells)(Make of PVC pipe-AKG/NORPACK)</p>	NO	1	1,185.53	1,185.53
7	<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 &amp; socket , phenolic laminated sheet suitable size ISI marked MS Box &amp; earthing Point with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor for loop earthing etc . (Make of wire Finolex / Anchor / Havels/ V guard/KEI) Make-switch/Socket-Legrand /Wipro-North West /Anchor-Panasonic/ havells)(Make of PVC pipe-AKG/NORPACK)</p>	NO	40	589.94	23,597.60
8	<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 &amp; socket , phenolic laminated sheet suitable size ISI marked MS Box &amp; earthing Point with 1 x 1.5 sq.mm FR PVC insulated single core multistrand copper conductor for loop earthing etc . (Make of wire Finolex / Anchor / Havels/ V guard/KEI) Make-switch/Socket-Legrand /Wipro-North West /Anchor-Panasonic/ havells)(Make of PVC pipe-AKG/NORPACK)</p>	NO	56	1,033.91	57,898.96

9	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 . (Make of wire Finolex / Anchor / Havells/ V guard/KEI) Make-switch/Socket-Legrand /Wipro-North West /Anchor-Panasonic/havells)(Make of PVC pipe-AKG/NORPACK)	NO	20	1,556.00	31,120.00
10	40001000 Recessed wiring to submain in 2 x 2.5 sqmm FR PVC insulated single core multistrand 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 / Anchor / Havells/ V guard/KEI) CSR SL .No- 1.8.2)(Make of PVC pipe-AKG/NORPACK)	MTR	1200	168.88	2,02,656.00
11	40001003 Recessed wiring to submain in 2 x 4 sqmm FR PVC insulated single core multistrand 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 / Anchor / Havells/ V guard/KEI) CSR SL .No- 1.8.3)(Make of PVC pipe-AKG/NORPACK)	MTR	1100	186.06	2,04,666.00
12	40001039 Supply and laying of 50 sq.mm 3.5 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 - 25 sl no- 5.1.2)(MAKE CABLE - FINOLEX/ HAVELLS/ POLYCAB/ KEI)	MTR	70	483.30	33,831.00
13	40001045 Supply and laying of 95 sq.mm 3.5 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 - 25 sl no- 5.1.2)(MAKE CABLE - FINOLEX/ HAVELLS/ POLYCAB/ KEI)	MTR	50	710.02	35,501.00

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	80	31.50	2,520.00
15	40001141 Supplying and fixing of two modular GI Box 18 swg with Modular base & cover for 2 module (Sl. No-1301,1421)(Make-switch/Socke t-Legrand/Wipro/ Anchor-Panasonic/ havells)	NO	10	123.81	1,238.10
16	40001145 Supplying and fixing of 4 modular GI Box 18 swg with Modular base & cover for 4 module (Sl. No-1301,1421)(Make-Legrand/Wipro/ Anchor-Panasonic/ havells)	NO	10	170.63	1,706.30
17	40001148 Supplying and fixing of 6 modular GI Box 18 swg with Modular base & cover for 6 module (Sl. No-1301,1421)(Make-Legrand/Wipro/ Anchor-Panasonic/ havells)	NO	10	228.70	2,287.00
18	40001151 Supplying and fixing of 8 modular GI Box 18 swg with Modular base & cover for 8 module (Sl. No-1301,1421)(Make-Legrand/Wipro/ Anchor-Panasonic/ havells)	NO	12	270.11	3,241.32
19	40001154 Supplying and fixing of 12 modular GI Box 18 swg with Modular base & cover for 12 module (Sl. No-1301,1421)(Make-Legrand/Wipro/ Anchor-Panasonic/ havells)	NO	15	381.76	5,726.40
20	40001190 Supplying and fixing of Call Bell/buzzer ISI marked suitable for DC/AC single phase 230 volts complete as required (CSR sl no-1.30)	NO	2	135.16	270.32
21	40001193 Blanking Plate(Make-Legrand /Wipro-NorthWest /Anchor-Panasonic/ havells)	NO	70	19.61	1,372.70
22	40001258 SUPPLY & FIXING OF POWER DISTRIBUTION BOX,MAKE-NET RACK/VAL RACK	NO	1	523.80	523.80

23	40001304 Earthing with Copper plate 600 mm x 600 mm x 3.15 mm thick 40 mm dia Heavy Duty TATA make including accessories and providing masonry enclosure with cover plate having locking arrangement and water pipe etc with charcoal and salt as required.(Minimum 1.5 mtr distance from building & 3 mtr distance from earthing to earthing)	NO	1	7,098.31	7,098.31
24	40001334 Recessed wiring to submain in 4 x 16 sqmm FR PVC insulated single core multistrand 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 / Anchor / Havells/ V guard/KEI) CSR SL .No- 1.8.2)(Make of PVC pipe-AKG/NORPACK)	MTR	200	644.64	1,28,928.00
25	40001679 Supply and fixing of surface mounted led 12 wt square/round portico light with powder coated finished in white housing 1 with lamp , choke, connecting wire, and all accessories and connections (Make- CROMPTON/ PHILIPS/ WIPRO)	NO	2	1,322.50	2,645.00
26	40002095 Supply, Installation, Testing & Commissioning of maintenance free chemical earthing having enhancing chemical compound with 3 Mtr. Long copper bonded steel rod and suitable termination clamp including all accessories. Make :- ABB / STAR-X / UNIVERSAL All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	NO	2	16,650.00	33,300.00
27	40002152 Supply and fixing of 95 sq.mm 3.5 core PVC Al. Arm Cable of 1.1 KV grade end termination	SET	2	431.23	862.46
28	40002720 Supply and laying of 70sqmm single core FR PVC insulated unseathed copper conductor for voltage grade 1100 volt as per IS-694 in sur face/underground as required(sl no-5.5.2)(Make-KEI/FINOLEX/HAVELLS)	MTR	15	1,068.44	16,026.60
29	40002745 Supply and laying of 50 sq.mm 3.5 core End termination for Cable of 1.1 KV grade ISI Marked(Brass compression)	NO	4	362.47	1,449.88

30	40003368 Supply,Installation,Testing and Commissioning of RJ 45/DC Connector as per theTechnical specification and direction of EIC.	NO	20	45.00	900.00
31	40006297 WIREMAN GRADE -I	NO	10	495.00	4,950.00
32	40006299 HELPER	NO	20	345.00	6,900.00
33	40008126 Supply and fixing of 250 mm sweep air ventilating fan with Louvers (PVC BODY) fan with connecting wire and all accessories including fixing and connections . [MAKE-USHA MODEL-CRISP AIR VX/CROMPTON MODEL-VENTILUS/HAVELLS/ANCHOR)	NO	5	2,063.32	10,316.60
34	40008150 Supply and fixing of 6 way mcb Box ( 8+18)(PDB) with I/C- 63 AMP 4PMCB + 63 AMP 4P RCCB (300MA) & O/G- 20 AMP SP MCB -12NOS&32 AMP SP MCB - 06NOS 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.[Make-(a) MCB/MCCB-Legrand/L&T/ABB/SCHNIDER	NO	8	10,150.51	81,204.08
35	40008158 Supply and fixing of 1200 mm BLDC (ISI mark 5 star rated)(28wt with aluminium blade)ceiling fan (without remote) with connecting wire and all accessories including hanging and connections .- [MAKE- USHA MODEL-TECHNIX/ CROMPTON MODEL-ENERGIA GROOVE /V-GUARD /HAVELLS MODEL-EFFICIENCIA NEO/ANCHOR-PANASONIC MODEL-PENTA TURBO)	NO	43	3,897.52	1,67,593.36
36	40008393 Supply and fixing of 9 WT. LED Bulb installred at angle holder/ batten holder.(Make- CROMPTON/ PHILIPS(MODEL NO-AceSaver 9W)/WIPRO(MODEL NO-N09001)	NO	38	142.60	5,418.80
37	40008397 Supply and fixing of 4 FT 20 W LED Tube light fitting with lamp including fixing and connections (Make-CROMPTON(MODEL NO-CCS-102- 20-65-SL-DP-NWH/ PHILIPS(MODEL NO-SLIMLINE NEXT 4'/ WIPRO(MODEL NO-LL20-221-XXX-65NE3)	NO	82	723.54	59,330.28

38	40008405 Supply & fixing of 90 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 . (Make-CROMPTON(MODEL NO-TRP-412-90-57-SL-LM-NSG)/PHILIPS(MODEL NO-BRP033 LED90S 90W 9000LM)/WIPRO(MODEL NO-LR08-102-XXX-57-XX )	NO	1	7,567.59	7,567.59
39	40008495 Supply of 6U wall mounted rack including all accessories and connection(make-D-link(Model no-NWR-6U-5545-GR)/MOLEX/DIGISOL)	NO	1	5,919.70	5,919.70
40	40008505 Supply & fixing of cat-6 UTP cable,4 pair,23AWG,FRPVC CM for LAN wiring with conduit pipe / PVC casing capping / under floor G.I. Tunk line. MAKE- D-LINK(MODEL NO-NCB-C6UGRYR)/DIGISOL/MOLEX)	MTR	750	57.74	43,305.00
41	40008507 Supply & fixing of patch cord,cat-6,utp,24awg,grey,lszg ,1mtr(Make-D-LINK(MODEL NO-NCB-C6UGRYR1-1-LS)/DIGISOL/MOLEX)	NO	24	161.00	3,864.00
42	40008509 Supply & fixing of patch cord,cat-6,utp,24awg,grey,lszh ,2mtr(Make-D-LINK(MODEL NO-NCB-C6UGRYR1-3-LS)/DIGISOL/MOLEX)	NO	20	201.25	4,025.00
43	40008511 Supply & fixing of information outlet with faceplate,single port ,modular straight shu and keystone,cat-6 utp,white,toolless type(MAKE-D-LINK/MOLEX/DIGISOL)	NO	20	235.75	4,715.00
44	40008513 Supplying & fixing of patch panel ,24 PORT,CAT-6 UTP 180 Degree including all accessories and connections(Make-D-Link(Model N o-NPP-C61BLK241)/MOLEX/DIGISOL)	NO	1	2,990.00	2,990.00
45	40008586 Supply and fixing of 24 Port Gigabit Smart Managed Switch with 4 Gigabit SFP Ports including all accessories and connection(Make-D-LINK(MODEL NO-DGS-1210-28)/DIGISOL (MODEL NO-DG-GS1528)/MOLEX)	NO	1	16,675.00	16,675.00



46	<p>40010654  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 including U TYPE HOOK,SOCKET TYPE REGULATOR and ceiling rose ISI marked mounted on MS Box having front bakelight cover of suitable size, MS Box with 1.0 sq.mm FR PVC insulated single core multistrand copper conductor as earth wire including all accessories and connection . (Make of wire Finolux / Anchor / Havels/ V guard) Make-switch/regulator/ceiling rose-Legrand /Wipro-North West /Anchor-Panasonic/ havells)(Make of PVC pipe-AKG/NORPACK)</p>	NO	43	1,516.85	65,224.55
47	<p>40011128  Supply , Installation, testing , commissioning of 1KVA Online UPS with Battery with 30 Mins Backup Make-Numeric/APC/Microtek</p>	NO	1	37,720.00	37,720.00
48	<p>40011476  Main Power Distribution panel/ board suitable for flush mounted type made of 14 SWG sheet with MS angles channels suitable sizes, gasket, powder coated, top bottom terminals and properly painted with anticorrosive primer and paints,comprising the following: [Make-(a) MCB/MCCB-Legrand/L-T/ABB/SCHNIDER/ANCHOR-PANASONIC(b)- Voltmeter, Ammeter-AE/CAPPA (d) all other accessories ISI mark] Incoming-1No 200 A 4P MCCB, Thermal MagneticRelease, 25 KA, DN1-250C Indicator (R,Y,B),2 A SPMCB C-Curve,SPD-100 KA, Type-1+2 with MCB,01 Nos. Multi-function meters showing voltage, current, pf, frequency, MD and THD with required CTs Out going- 3 Nos 125 A Four Pole MCCB with stud connector (36 KA) 2 Nos TP Spreader, 2 Nos Extended ROM 3 Nos 63 A FP MCB 3 Nos 40 A FP MCB with sheet metal powder coating,Door gaskets,Door Hinges and Door locks with Wiring, connecting copper flat with socketing</p>	NO	1	2,17,662.00	2,17,662.00

49	40011478 Main Power Distribution panel/ board suitable for flush mounted type made of 14 SWG sheet with MS angles channels suitable sizes, gasket, powder coated, top <(><<)>(>&<(><<)>)> bottom terminals and properly painted with anticorrosive primer and paints,comprising the following: [Make-(a) MCB/MCCB- Legrand/L<(><<)>(>&<(><<)>)>T/ABB/SCHNIDER/ANCHOR-PANASONIC(b)- Voltmeter, Ammeter-AE/CAPPA (d) all other accessories ISI mark] Incoming-1 Nos 125 A Four Pole MCCB with stud connector (36 KA) Indicator (R,Y,B),2 A SPMCB C-Curve,SPD-100 KA, Type-1+2 with MCB,01 Nos. Multi-function meters showing voltage, current, pf, frequency, MD and THD with required CTs Out going- 2 Nos TP Spreader, 2 Nos Extended ROM 3 Nos 63 A FP MCB 3 Nos 40 A FP MCB with sheet metal powder coating,Door gaskets,Door Hinges and Door locks wth Wiring, connecting copper flat with socketing	NO	2	1,28,898.00	2,57,796.00
	Total Rs.				<b>19,54,707.33</b>
	Cess @1%				<b>19,547.07</b>
	Total Estimated Cost				<b>19,74,254.40</b>
	Total Estimated Cost in Figures				<b>19,74,254.00</b>
EXCESS	<input type="checkbox"/> LESS <input type="checkbox"/> (Please Tick)	_____ %			
Quoted Amount in Figure					
Quoted Amount in word					

N:B- The Estimated cost is exclusive of GST .

**Signature of Tenderer with seal**

Sd/-  
Asst. Project Manager (Elect)

Sd/-  
D.M (Elect)

Sd/-  
Project Manager (Elect.)