

**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 :- 02 AS PER IFB**

**NAME OF THE WORK :- SUPPLY & INSTALLATION OF CONTROL PANEL & RE-CONNECTION OF ELECTRICAL CABLE AT DIFFERENT LOCATIONS OF NEW CAMPUS WITH INSTALLATION OF AC AT ADMINISTRATIVE BUILDING (EXAMINATION HALL), F.M UNIVERSITY.**

**BID REF NO :- 84/PM/ELECT/OPHWC/2023-24**

<b>NAME &amp; ADDRESS OF THE FIRM</b>	
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**SCHEDULE OF WORKS**

Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
1	<b>40001039</b> 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	85	<b>461.57</b>	39233.45
2	<b>40001328</b> Supply and Fixing of 200 AMP. TPMCCB [35 KA] with 200 AMP. 415 VOLT CUT OUT - 03 NOS WITHOUT METER SPACE with 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS, INSTRUMENTS- 0 –200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET ,200 / 5 AMP. CT - 01 SET, 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET ,INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET 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]	SET	1	<b>57845</b>	57845.00

3	<p><b>40001334</b>  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 / L &amp;T / Anchor / Havels/ V guard) ( CSR SL .No- 1.8.12)</p>	MTR	100	<b>622.11</b>	62211.00
4	<p><b>40001803</b>  Supply &amp; fixing of 400 AMP TPMCCB[35 KA],400 Amp,415 Volt Cut out-03 Nos without meter space,500 Amp ,40/16 MM,Copper Bus Bar-04 Nos ,0-400 Amp,Ammeter with selector switch -01 Set ,400/5 Amp CT-01 Set,0-500 Volt.Voltmeter with selector switch -01 set,indicating lamp with controlling switch-01 Set etc including all accessories and connections as per instruction of Electrical Engineer-in-Charge</p>	SET	1	<b>77855</b>	77855.00
5	<p><b>40002092</b>  Supply, Installation, Testing &amp; Commissioning of 25 x 5 MM copper flat (Insulated / through 1.5" diameter super quality PVC pipe) from lightning air terminal to earth electrode on wall / ceiling/concrete column/under buried trench by proper saddling &amp; making connection at both ends the and making good the damages caused. All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge Make of PVC Pipe :- AKG / KINJAL / ORIPLAST S.</p>	MTR	125	<b>509.11</b>	63638.75

6	<p><b>40002095</b>  Supply, Installation, Testing &amp; 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.</p>	NO	5	<b>16650</b>	83250.00
7	<p><b>40003121</b>  Cooper pipe with insulation</p>	MTR	18	<b>1131.6</b>	20368.80
8	<p><b>40009316</b>  Supply and installation of 2.0Tr.(5 Star) Inverter Split type Air Conditioner 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 &amp; connections MAKE of A.C. – CARRIER MODEL NO-EMPERIA DXI/BLUE STAR MODEL NO-IA/IC524DNU,MAKE OF STABILIZER- AUTOTEK/V-GUARD/MICROTEK</p>	NO	6	<b>58489.22</b>	350935.32
9	<p><b>40009688</b>  Supply &amp; fixing of Main Control Panel with Incoming 600 AMP TPMCCB[35 KA], &amp; 400 Amp. On load Change Over switch, 600 Amp,415 Volt Cut out-03 Nos without meter space,600 Amp ,40/16 MM, Copper Bus Bar-04 Nos,0-600 Amp,Ammeter with selector switch -01 Set ,400/5 Amp CT-01 Set,0-500 Volt.Voltmeter with selector switch -01 set,indicating lamp with controlling switch-01 Set etc. Out Going- 200A. MCCB = 04 Nos. &amp; 125A. MCCB = 02 Nos. and Stud connector for fixing of Cable including all accessories and connections as per instruction of Electrical Engineer-in-ChargeMake-(a) MCB/MCCB- Legrand/L &amp;T/ABB/SCHNEIDER(b)- Voltmeter, Ammeter-AE/CAPPA (c) ALL OTHER ACCESSORIES ISI MARK]</p>	NO	1	<b>348000</b>	348000.00

10	<p><b>40009690</b>  Supply and Fixing of Control Panel with Incoming 200 AMP. TPMCCB [35 KA] with 200 AMP. 415 VOLT CUTOOUT - 03 NOS WITHOUT METER SPACE with 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS, INSTRUMENTS- 0 –200 AMP. AMMETER WITH SELECTOR SWITCH -01 SET ,200 / 5 AMP. CT - 01 SET, 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET ,INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET. Out going - 125A. MCCB- 02 Nos., 63A. MCB - 02 Nos., &amp; Stud connector including all accessories and connections as per instruction of Electrical Engineer-in- Charge. [Make- (a) MCB/MCCB- Legrand/L&amp;T/ABB/SCHNIDER/Havells (b)- Voltmeter, Ammeter-AE/CAPPA (c) ALL OTHER ACCESSORIES ISI MARK]</p>	NO	2	<b>98000</b>	196000.00
11	<p><b>40009692</b>  Supply and Fixing of 200 AMP. BUS BAR Panel including all accessories and connections as per instruction of Electrical Engineer-in- Charge. (A- Voltmeter, Ammeter-AE/CAPPA (c) ALL OTHER ACCESSORIES ISI MARK]</p>	NO	1	<b>14800</b>	14800.00
12	<p><b>40009694</b>  Dismantling and re- shaddleing of different size Aluminium armoured cable over wall &amp; under ground trench including all accessories</p>	MTR	270	<b>70</b>	18900.00
13	<p><b>40009696</b>  Termination of different size Aluminium armoured cable and other wires at the control panels by using different size conductor logs including all accessories and connections as per instruction of Electrical Engineer-in-Charge.</p>	NO	5	<b>3000</b>	15000.00
14	<p><b>40009698</b>  Construction of Shed for the control panels installed at different location at F.M University.</p>	NO	3	<b>5000</b>	15000.00
	Sub total Rs.				1363037.32
	<b>Cess @ 1%</b>				13630.37
	Total Estimated Cost				1376667.69
	Total Estimated Cost in Figures				<b>13,76,668.00</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 I/C(Elect)

Sd/-  
Project Manager(Elect)