

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, TESTING & COMMISSIONING OF AIR CONDITIONERS, LIGHTNING PROTECTION SYSTEM AND PUBLIC ADDRESS SYSTEM AT MAHATMA GANDHI ACADEMY OF PRISONS & CORRECTIONAL SERVICES, CHHATABAR, BHUBANESWAR IN THE DISTRICT OF KHURDA.

BID REF NO :- 50/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	MIS-INE-AIR CONDIT				
1	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	2	47840.11	95680.22
2	40001301 Supply and installation of 2.0 Tr. Split type Air Conditioner (3 Star rated) of reputed brand with supply and fixing of 6 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	10	56115.77	561157.70
					656837.92

MIS-INE-LIGHTNING					
3	<p>40002086 Air-Terminal Supply, Installation, Testing & Commissioning of Early Streamer Emission (ESE-30))type Lightning Air Terminal. Supporting Mast The mounting pole used to support the lightning air terminal shall be minimum length of 05 Mtr. , non corrosive and made up of medium class GI / SS pipe of 1.5" diameter having base plate at bottom for securely fixing the mast on roof top. The mounting pole and supports shall be securely fixed with the brackets and PVC insulated metallic guy wires to withstand the maximum wind velocity of that area. Protection Radius :- 48 Mtr Make :- ABB / STROMKING All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>	NO	1	97850	97850.00
4	<p>40002089 Lightning Strike Counter Supply, Installation, Testing & Commissioning of non-electronic & non-resettable (Not require any external power supply) type lightning strike counter to count the lightning stroke having display with IP-67 enclosure including all accessories and connection..(6/7 digit) Make :- ABB / STROMKING All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge. Engineer-in-Charge.</p>	NO	1	25000	25000.00
5	<p>40002092 Supply, Installation, Testing & 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 & 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	30	509.11	15273.30

6	<p>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. (Ground Floor)</p>	NO	3	15200	45600.00
7	<p>40002098 Supply, connection & Testing of sub earthing with 16 Sq.mm single core multi stranded copper flexible wire from surge protection device (SPD) panel to earth electrode & Main panel board to SPD panel including all accessories, cable socketing and connections. Make :- FINOLEX / ANCHOR / HAVELLS All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge</p>	MTR	18	154.73	2785.14
8	<p>40002101 Supply, Installation, Testing & Commissioning of indoor type wall mounted Surge protection device (SPD) panel made of 2 mm thick CRCA sheet, dust and vermin proof duly powder coated having the following arrangement & complete factory wired by 16 Sq.mm single core multi stranded copper flexible wire. [A] Type 1+2 AC Surge Protection Device (SPD) (TP+N) (50 KA) - 01 Set [B] 63 Amp. HRC fuse with link – 03 Nos [C] 100 Amp. 4 pole stud connector – 01 No Make of SPD & HRC Fuse :- HAVELLS / L&T / LEGRAND Make of Wire :- FINOLEX / ANCHOR / HAVELLS All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.</p>	NO	1	18665	18665.00
					205173.44

MIS-INE-PA SYSTEM					
9	40004237 Supply, Installation, testing , commissioning of 240W Mixer Amplifier with following features:- Rated output wattage - 240W, Amplifier output 100V. 70V and 4-8 Ohms transformer isolated speaker outputs, 4 microphone / line inputs, plus music source input. Make Bosch / Audio Trak / JBL	NO	1	32000	32000.00
10	40004239 Supply, Installation, testing , commissioning of 240W Booster Amplifier with following features:- Rated output wattage - 240W, Amplifier output 100V, 70V and 4-8 Ohms transformer isolated speaker outputs, 3 x XLR Inputs. Make Bosch / Audio Trak / JBL	NO	1	28000	28000.00
11	40004241 Supply, Installation, testing , commissioning of 6 Watts Ceiling Speaker with max 108.8 (dB / 90.8 dB (SPL). Frequency response of 150 Hz - 15 KHz with a dispersion angle of 1180 deg. The speaker should have tappings lat 6W/3W. Make Bosch / Audio Trak / JBL	NO	20	1100	22000.00
12	40004243 Supply, Installation, testing, commissioning of 24 Watts Column Speakers in Wooden Cabinet with max 98dB/92dB (SPL).Frequency response of 200-15000Hz with a dispersion angle of 210 deg. Make Bosch /Audio Trak / JBL	NO	4	5000	20000.00
13	Supply, Installation, testing, Commissioning of DVD Player with USB Port along with interconnecting cables & 16 GB Pen Drive.(Philips / Sony / LG)	NO	1	6500	6500.00
14	40004247 Table top unidirectional condenser microphone on a flexible stem, Momentary or toggle PTT-key for calls with priority contact, Green LED indicating microphone active, Stable metal base design with fixed 2 m cable and lockable DIN connector. Make Bosch / Audio Trak / sennheiser	NO	1	11000	11000.00

15	40004249 Microphone Floor Stand of Height - 920-1500 mm, Base Dia - 230 mm, Weight -A 60 kg	NO	1	2500	2500.00
16	40004251 Dynamic handheld microphone,unidirectional, nonreflective dark gray finish,/On/off switch with 7 m (23 ft) cable, XLR female / 6.3 mm (1/4") stereo jack plug /connection cable, quick-release microphone (clamp, and storage box. Make Bosch / Audio Trak / sennheiser	NO	2	4400	8800.00
17	40004253 Rack for Amplifer with Cooling Fan.	SET	1	15000	15000.00
18	40004255 Supply, Installation, testing , commissioning of 2 Core 2 Sq. MM. Speaker cable in MS Conduit per running metre of cable used.(Make MX / Finolex / Belden)	RMT	300	250	75000.00
	Total Rs.				220800.00
	Sub Total Rs.				1082811.36
	Cess @1%				10828.11
					1093639.47
	Total Estimated Cost in Figures				10,93,639.00
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.)