

TENDER INVITING AUTHORITY: JOINT MANAGER (ELECTRICAL DIVISION),THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD, BHUBANESWAR					
NAME OF THE WORK :-EXECUTION OF INTERNAL ELECTRIFICATION WORK FOR COMPUTER LAB- 1& 2 ,SMART CLASS ROOM-1 &2 OF GOVT POLYTECHNIC BOUDH.					
BID REF NO.- 01/JM/ELECT/OPHWC/2020-21					
Bidder Name					
SCHEDULE OF WORKS					
Sl. No.	Description of work	Unit	Qty.	Estimated Cost in Rs.	
				RATE IN RS.	AMOUNT IN RS.
A	INTERNAL WIRING & FIXTURE				
	COMPUTER LAB-I(ROOM SIZE-42'6"X29'8")				
1	Recessed wiring to Different Points 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/HPL)				
(i)	Ceiling Light Point	Nos	36.00	₹ 905.01	₹ 32,580.36
2	Recessed wiring to Ceiling Fan Point 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 /HPL)	Nos	12	₹ 905.01	₹ 10,860.12
3	Supply of 2' down rod for ceiling fan	Nos	12	₹ 92.00	₹ 1,104.00
4	supply of Step type Mini electronics Regulator	Nos	12	₹ 249.61	₹ 2,995.32
5	Point wiring for 5/ 6 amp socket outlet (Separate) (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/HPL)	Nos	16	₹ 702.32	₹ 11,237.12

6	Point wiring for 15/16 amp socket outlet 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/HPL)	Nos	9	₹ 953.99	₹ 8,585.91
7	Point wiring for Computer Point 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/HPL)	Nos	59	₹ 1,441.58	₹ 85,053.22
8	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 from BDB to Swich board & BDB to Switch board(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	1125	₹ 132.64	₹ 1,49,220.00
9	Recessed wiring to submain in 2 x 2.5 sqmm(INVERTER) 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 from BDB to Swich board & BDB to Switch board(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	30	₹ 132.64	₹ 3,979.20
10	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 from MDB to BDB as per direction of Engineer in charge (Make of wire Finolex / L &T / Anchor / Havels/ V guard) (CSR SL .No-1.8.4)	Mtr	225	179.98	₹ 40,495.50
11	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	15	276.80	₹ 4,152.00

12	Recessed wiring to submain in 4 x 10 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 4 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required (Make of wire Finolex / L & T / Anchor / Havels/ V guard/HPL) (CSR SL .No- 1.8.11)	Mtr	20	₹ 403.04	₹ 8,060.80
13	Supply and laying of 35 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)	Mtr	75	₹ 373.76	₹ 28,032.00
14	Supply and fixing of 4 way mcb Box (4+12)(PDB) with 63 amp 4P Isolator/ 4P MCB <(>&<)> 6 nos 32 amp DPMCB 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- 2.7.4, 2.5<(>&<)> 2.9)MCB /MCCB - Legrand/ L&T/ ABB	Nos	2	₹ 4,210.27	₹ 8,420.54
15	Supply and Fixing of 125 AMP. TPMCCB [35 KA] - 01 SET WITHOUT METER SPACE OUT GOING 100 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS INSTRUMENTS 0 –100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 100 / 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. [make-(a)Mcb /Mccb - Legrand/ Schneider/Havells Crabtree/ ABB, (b)volt meter, ammeter-AE/IMP, (d) all other accessories ISI mark]	No	1	₹ 41,917.50	₹ 41,917.50
16	Supply and installation of 2.0Tr. Split type Air Conditioner (3 Star) 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 /MAKE – BLUE STAR, , MAKE OF STABILIZER- JYOTI/SHAKTI/ AUTOTEK	Nos	3	₹ 60,375.00	₹ 1,81,125.00
17	Supply and installation of 1.5 Tr. Split type Air Conditioner (3 Star) 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 /MAKE – BLUE STAR, , MAKE OF STABILIZER- JYOTI/SHAKTI/ AUTOTEK	Nos	2	₹ 49,450.00	₹ 98,900.00

18	Supply and fixing of 15 wt. LED Down lighter on False ceiling with comprises of aluminium die cast housing finished in white powder coated & ABS white ring . The downlighter is pre-wired with high efficiency electronic driver. High traslucent frosted diffuser is used to get glare free, smooth light distribution. Operating Voltage Range : 150V~ - 270V, PF : > 0.9, 100 Lum/Watt with lamp , choke, connecting wire, and all accessories and connections as per instruction of Electrical Engineer-in-charge .(Make- CROMPTON/ PHILIPS/ WIPRO)	Nos	34	1,201.75	₹ 40,859.50
19	Supply and fixing of 1200 mm sweep AC ceiling fan (5 star rated) with connecting wire and all accessories including hanging and connections as per instruction of Electrical Engineer-in-charge.- [MAKE- KHAITAN/USHA/ CROMPTON GREAVES)	Nos	12	₹ 1,874.17	₹ 22,490.04
20	Supply ,delivery,installation,testing,commissioning of maintenance free Earthing with using chemical compound with copper bonded steel rod with minimum 3 mtrs long and suitable terminal clamp complete accessories instruction of Electrical Engineer-In-Charge	NO.	3	15,200.00	₹ 45,600.00
21	Providing and fixing 8 SWG (4mm) dia copper wire on surface or in recess for loop earthing as required. (csr sr.no-3.18)	Rft	150	26.33	₹ 3,949.50
16	LAN WORK				₹ 0.00
(i)	Supply & fixing of cat-6 UTP cable for LAN wiring in existing conduit pipe / PVC casing capping / under floor G.I. Tunk line as per the instruction of Electrical Engineer-In-Charge and consultant . MAKE- D-LINK	Mtr	1220	26.17	₹ 31,927.40
a	Supply of 10/100/1000 gigabyte smart managed switch with 4 SFP port, 24 ports(Make-D-Link)	No	3.0	14047.61	₹ 42,142.83
b	Power Distribution Box MAKE- NET RACK/ VAL RACK	No	3.0	523.80	₹ 1,571.40
c	Supply of 6U Wall Mounted Rack with Accessories	No	3.0	3771.32	₹ 11,313.96
(iii)	Supply & fixing of 2 mtr / 1 mtr long patch cord MAKE- D-LINK				₹ 0.00
a	For 1 mtr long	No	59.0	101.49	₹ 5,987.91
b	For 2 mtr long	No	59.0	122.00	₹ 7,198.00
(iv)	Supply & fixing of Information Outlet with SMB I/O MAKE- D-LINK	No	60.0	206.85	₹ 12,411.00
22	PA SYSTEM				₹ 0.00
(i)	Supply of Wall Mounted Speaker Make- Ahuja (SMX-302T) including all accessories.	Nos	14	4,536.65	₹ 63,513.10
(ii)	Supply of Collar Held Microphone Make- Ahuja (AWM-811 VHF) including all accessories.	Nos	1	6,792.79	₹ 6,792.79
(iii)	Supply of Hand Held Microphone Make- Ahuja (AWM-520V2) including all accessories.	Nos	2	4,970.33	₹ 9,940.66
(iv)	Supply of Audio Amplifier Make- Ahuja (SSA- 250 DP-811 VHF) including all accessories.	Nos	1	16,520.13	₹ 16,520.13
(v)	Wiring to Loudspeakers with 2 x 1.5 sqmm stranded copper conductor unarmoured cable for loud speakers clamped with PVC pipe saddles,base etc. on ceiling /wall complete including termination,testing etc as required and as per direction of Engineer-in-charge	Mtr	70	168.00	₹ 11,760.00
(vi)	Installation , testing , Commissioning charges of Audio System	Nos	1	5,000.00	₹ 5,000.00

(vii)	Supply, delivery, installation & testing of LCD projector of fix type ,make- SONY or BENQ complete mounted on ceiling as required and as per direction of Engineer-in-charge.	No	1	48,593.75	₹ 48,593.75
(viii)	Supply, delivery, installation & testing of 5'X7' size remote operated screen of Liberty or Suvira lite as required and as per direction of Engineer-in-charge.	No	1	17,144.53	₹ 17,144.53
(ix)	Providing and fixing of Liberty VGA Cable	Mtr	30	150.39	₹ 4,511.70
					₹ 0.00
	COMPUTER LAB-II(ROOM SIZE-42'6"X22'8")				₹ 0.00
A	INTERNAL WIRING & FIXTURE				₹ 0.00
1	Recessed wiring to Different Points 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/HPL)				₹ 0.00
(i)	Ceiling Light Point	Nos	38.00	₹ 905.01	₹ 34,390.38
2	Recessed wiring to Ceiling Fan Point 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 /HPL)	Nos	12	₹ 905.01	₹ 10,860.12
3	Supply of 2' down rod for ceiling fan	Nos	12	₹ 92.00	₹ 1,104.00
4	supply of Step type Mini electronics Regulator	Nos	12	₹ 249.61	₹ 2,995.32
5	Point wiring for 5/ 6 amp socket outlet (Separate) (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/HPL)	Nos	16	₹ 702.32	₹ 11,237.12
6	Point wiring for 15/16 amp socket (FOR A.C point and other)outlet 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/HPL)	Nos	8	₹ 953.99	₹ 7,631.92

7	Point wiring for Computer Point 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/HPL)	Nos	32	₹ 1,441.58	₹ 46,130.56
8	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 from BDB to Swich board & BDB to Switch board(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	720	₹ 132.64	₹ 95,500.80
9	Recessed wiring to submain in 2 x 2.5 sqmm(INVERTER) 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 from BDB to Swich board & BDB to Switch board(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	30	₹ 132.64	₹ 3,979.20
10	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 from MDB to BDB as per direction of Engineer in charge (Make of wire Finolex / L &T / Anchor / Havels/ V guard) (CSR SL .No-1.8.4)	Mtr	200	179.98	₹ 35,996.00
11	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	276.80	₹ 2,768.00
12	Recessed wiring to submain in 4 x 10 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 4 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required (Make of wire Finolex / L &T /Anchor / Havels/ V guard/HPL) (CSR SL .No- 1.8.11)	Mtr	15	₹ 403.04	₹ 6,045.60

13	Supply and laying of 35 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)	Mtr	75	₹ 373.76	₹ 28,032.00
14	Supply and Fixing of 125 AMP. TPMCCB [35 KA] - 01 SET WITHOUT METER SPACE OUT GOING 100 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS INSTRUMENTS 0 –100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 100 / 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. [make-(a)Mcb /Mccb - Legrand/ Schneider/Havells Crabtree/ ABB, (b)volt meter, ammeter-AE/IMP, (d) all other accessories ISI mark]	No	1	₹ 41,917.50	₹ 41,917.50
15	Supply and fixing of 4 way mcb Box (4+12)(PDB) with 63 amp 4P Isolator/ 4P MCB <(>&<)> 6 nos 32 amp DPMCB 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- 2.7.4, 2.5<(>&<)> 2.9)MCB /MCCB - Legrand/ L&T/ ABB	Nos	2	₹ 4,210.27	₹ 8,420.54
16	Supply and fixing of 1200 mm sweep AC ceiling fan (5 star rated) with connecting wire and all accessories including hanging and connections as per instruction of Electrical Engineer-in-charge.- [MAKE-KHAITAN/USHA/ CROMPTON GREAVES)	Nos	12	₹ 1,874.17	₹ 22,490.04
17	Supply and fixing of 15 wt. LED Down lighter on False ceiling with comprises of aluminium die cast housing finished in white powder coated & ABS white ring . The downlighter is pre-wired with high efficiency electronic driver. High traslucent frosted diffuser is used to get glare free, smooth light distribution. Operating Voltage Range : 150V~ - 270V, PF : > 0.9, 100 Lum/Watt with lamp , choke, connecting wire, and all accessories and connections as per instruction of Electrical Engineer-in-charge .(Make- CROMPTON/ PHILIPS/ WIPRO)	Nos	37	1,201.75	₹ 44,464.75
18	Supply and installation of 1.5 Tr. Split type Air Conditioner (3 Star) 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 /MAKE – BLUE STAR, , MAKE OF STABILIZER- JYOTI/SHAKTI/ AUTOTEK	Nos	4	₹ 49,450.00	₹ 1,97,800.00
19	Supply ,delivery,installation,testing,commissioning of maintenance free Earthing with using chemical compound with copper bonded steel rod with minimum 3 mtrs long and suitable terminal clamp complete accessories instruction of Electrical Engineer-In-Charge	NO.	3	15,200.00	₹ 45,600.00

20	Providing and fixing 8 SWG (4mm) dia copper wire on surface or in recess for loop earthing as required. (csr sr.no-3.18)	Rft	160	25.73	₹ 4,116.80
21	LAN WORK				₹ 0.00
(i)	Supply & fixing of cat-6 UTP cable for LAN wiring in existing conduit pipe / PVC casing capping / under floor G.I. Tunk line as per the instruction of Electrical Engineer-In-Charge and consultant . MAKE- D-LINK	Mtr	810	26.17	₹ 21,197.70
a	Supply of 10/100/1000 gigabyte smart managed switch with 4 SFP port, 24 ports(Make-D-Link)	No	3.0	14047.61	₹ 42,142.83
b	Power Distribution Box MAKE- NET RACK/ VAL RACK	No	3.0	523.80	₹ 1,571.40
c	Supply of 6U Wall Mounted Rack with Accessories	No	3.0	3771.32	₹ 11,313.96
(iii)	Supply & fixing of 2 mtr / 1 mtr long patch cord MAKE- D-LINK				₹ 0.00
a	For 1 mtr long	No	32.0	101.49	₹ 3,247.68
b	For 2 mtr long	No	32.0	122.00	₹ 3,904.00
(iv)	Supply & fixing of Information Outlet with SMB I/O MAKE- D-LINK	No	33.0	206.85	₹ 6,826.05
(vii)	Supply, delivery, installation & testing of LCD projector of fix type ,make- SONY or BENQ complete mounted on ceiling as required and as per direction of Engineer-in-charge.	No	1	48,593.75	₹ 48,593.75
(viii)	Supply, delivery, installation & testing of 5'X7' size remote operated screen of Liberty or Suvira lite as required and as per direction of Engineer-in-charge.	No	1	17,144.53	₹ 17,144.53
(ix)	Providing and fixing of Liberty VGA Cable	Mtr	35	150.39	₹ 5,263.65
22	PA SYSTEM				₹ 0.00
(i)	Supply of Wall Mounted Speaker Make- Ahuja (SMX-302T) including all accessories.	Nos	14	4,536.65	₹ 63,513.10
(ii)	Supply of Collar Held Microphone Make- Ahuja (AWM-811 VHF) including all accessories.	Nos	1	6,792.79	₹ 6,792.79
(iii)	Supply of Hand Held Microphone Make- Ahuja (AWM-520V2) including all accessories.	Nos	2	4,970.33	₹ 9,940.66
(iv)	Supply of Audio Amplifier Make- Ahuja (SSA- 250 DP-811 VHF) including all accessories.	Nos	1	16,520.13	₹ 16,520.13
(v)	Wiring to Loudspeakers with 2 x 1.5 sqmm stranded copper conductor unarmoured cable for loud speakers clamped with PVC pipe saddles,base etc. on ceiling /wall complete including termination,testing etc as required and as per direction of Engineer-in-charge	Mtr	90	168.00	₹ 15,120.00
(vi)	Installation , testing , Commissioning charges of Audio System	Nos	1	5,000.00	₹ 5,000.00
	SMART CLASS-1(33'X22'8")				₹ 0.00
A	INTERNAL WIRING & FIXTURE				₹ 0.00

1	Recessed wiring to Different Points 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/HPL)				₹ 0.00
(i)	Ceiling Light Point	Nos	32.00	₹ 905.01	₹ 28,960.32
2	Recessed wiring to Ceiling Fan Point 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 /HPL)	Nos	6	₹ 905.01	₹ 5,430.06
3	Supply of 2' down rod for ceiling fan	Nos	6	₹ 92.00	₹ 552.00
4	supply of Step type Mini electronics Regulator	Nos	6	₹ 249.61	₹ 1,497.66
5	Point wiring for 5/ 6 amp socket outlet (Separate) (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/HPL)	Nos	12	₹ 702.32	₹ 8,427.84
6	Point wiring for 15/16 amp socket (FOR A.C point and other)outlet 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/HPL)	Nos	9	₹ 953.99	₹ 8,585.91
7	Point wiring for Computer Point 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/HPL)	Nos	9	₹ 1,441.58	₹ 12,974.22

8	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 from BDB to Swich board & BDB to Switch board(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	420	₹ 132.64	₹ 55,708.80
9	Recessed wiring to submain in 2 x 2.5 sqmm(INVERTER) 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 from BDB to Swich board & BDB to Switch board(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	30	₹ 132.64	₹ 3,979.20
10	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 from MDB to BDB as per direction of Engineer in charge (Make of wire Finolex / L &T / Anchor / Havels/ V guard) (CSR SL .No-1.8.4)	Mtr	225	179.98	₹ 40,495.50
11	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	15	276.80	₹ 4,152.00
12	Recessed wiring to submain in 4 x 10 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 4 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required (Make of wire Finolex / L &T /Anchor / Havels/ V guard/HPL) (CSR SL .No- 1.8.11)	Mtr	20	₹ 403.04	₹ 8,060.80
13	Supply and laying of 35 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)	Mtr	65	₹ 373.76	₹ 24,294.40

14	Supply and Fixing of 125 AMP. TPMCCB [35 KA] - 01 SET WITHOUT METER SPACE OUT GOING 100 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS INSTRUMENTS 0 –100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 100 / 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. [make-(a)Mcb /Mccb - Legrand/ Schnider/Havells Crabtree/ ABB, (b)volt meter, ammeter-AE/IMP, (d) all other accessories ISI mark]	No	1	₹ 41,917.50	₹ 41,917.50
15	Supply and fixing of 4 way mcb Box (4+12)(PDB) with 63 amp 4P Isolator/ 4P MCB <(>&<)> 6 nos 32 amp DPMCB 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- 2.7.4, 2.5<(>&<)> 2.9)MCB /MCCB - Legrand/ L&T/ ABB	Nos	2	₹ 4,210.27	₹ 8,420.54
16	Supply and fixing of 1200 mm sweep AC ceiling fan (5 star rated) with connecting wire and all accessories including hanging and connections as per instruction of Electrical Engineer-in-charge.- [MAKE-KHAITAN/USHA/ CROMPTON GREAVES)	Nos	6	₹ 1,874.17	₹ 11,245.02
17	Supply and fixing of 15 wt. LED Down lighter on False ceiling with comprises of aluminium die cast housing finished in white powder coated & ABS white ring . The downlighter is pre-wired with high efficiency electronic driver. High traslucent frosted diffuser is used to get glare free, smooth light distribution. Operating Voltage Range : 150V~ - 270V, PF : > 0.9, 100 Lum/Watt with lamp , choke, connecting wire, and all accessories and connections as per instruction of Electrical Engineer-in-charge .(Make- CROMPTON/ PHILIPS/ WIPRO)	Nos	31	1,201.75	₹ 37,254.25
18	Supply and installation of 1.5 Tr. Split type Air Conditioner (3 Star) 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 /MAKE – BLUE STAR, , MAKE OF STABILIZER- JYOTI/SHAKTI/ AUTOTEK	Nos	4	₹ 49,450.00	₹ 1,97,800.00
19	Supply ,delivery,installation,testing,commissioning of maintenance free Earthing with using chemical compound with copper bonded steel rod with minimum 3 mtrs long and suitable terminal clamp complete accessories instruction of Electrical Engineer-In-Charge	NO.	3	15,200.00	₹ 45,600.00
20	Providing and fixing 8 SWG (4mm) dia copper wire on surface or in recess for loop earthing as required. (csr sr.no- 3.18)	Rft	160	25.73	₹ 4,116.80
21	LAN WORK				₹ 0.00

(i)	Supply & fixing of cat-6 UTP cable for LAN wiring in existing conduit pipe / PVC casing capping / under floor G.I. Tunk line as per the instruction of Electrical Engineer-In-Charge and consultant . MAKE- D-LINK	Mtr	340	26.17	₹ 8,897.80
a	Supply of 10/100/1000 gigabyte smart managed switch with 4 SFP port, 24 ports(Make-D-Link)	No	1.0	14047.61	₹ 14,047.61
b	Power Distribution Box MAKE- NET RACK/ VAL RACK	No	1.0	523.80	₹ 523.80
c	Supply of 6U Wall Mounted Rack with Accessories	No	1.0	3771.32	₹ 3,771.32
(iii)	Supply & fixing of 2 mtr / 1 mtr long patch cord MAKE- D-LINK				₹ 0.00
a	For 1 mtr long	No	9.0	101.49	₹ 913.41
b	For 2 mtr long	No	9.0	122.00	₹ 1,098.00
(iv)	Supply & fixing of Information Outlet with SMB I/O MAKE- D-LINK	No	10.0	206.85	₹ 2,068.50
(vii)	Supply, delivery, installation & testing of LCD projector of fix type ,make- SONY or BENQ complete mounted on ceiling as required and as per direction of Engineer-in-charge.	No	1	48,593.75	₹ 48,593.75
(viii)	Supply, delivery, installation & testing of 5'X7' size remote operated screen of Liberty or Suvira lite as required and as per direction of Engineer-in-charge.	No	1	17,144.53	₹ 17,144.53
(ix)	Providing and fixing of Liberty VGA Cable	Mtr	20	150.39	₹ 3,007.80
22	PA SYSTEM				₹ 0.00
(i)	Supply of Wall Mounted Speaker Make- Ahuja (SMX-302T) including all accessories.	Nos	14	4,536.65	₹ 63,513.10
(ii)	Supply of Collar Held Microphone Make- Ahuja (AWM-811 VHF) including all accessories.	Nos	1	6,792.79	₹ 6,792.79
(iii)	Supply of Hand Held Microphone Make- Ahuja (AWM-520V2) including all accessories.	Nos	1	4,970.33	₹ 4,970.33
(iv)	Supply of Audio Amplifier Make- Ahuja (SSA- 250 DP-811 VHF) including all accessories.	Nos	1	16,520.13	₹ 16,520.13
(v)	Wiring to Loudspeakers with 2 x 1.5 sqmm stranded copper conductor unarmoured cable for loud speakers clamped with PVC pipe saddles,base etc. on ceiling /wall complete including termination,testing etc as required and as per direction of Engineer-in-charge	Mtr	85	168.00	₹ 14,280.00
(vi)	Installation , testing , Commissioning charges of Audio System	Nos	1	5,000.00	₹ 5,000.00
	SMART CLASS-II(32'X22'8")				₹ 0.00
A	INTERNAL WIRING & FIXTURE				₹ 0.00
1	Recessed wiring to Different Points 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/HPL)				₹ 0.00
(i)	Ceiling Light Point	Nos	29.00	₹ 905.01	₹ 26,245.29

2	Recessed wiring to Ceiling Fan Point 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 /HPL)	Nos	6	₹ 905.01	₹ 5,430.06
3	Supply of 2' down rod for ceiling fan	Nos	6	₹ 92.00	₹ 552.00
4	supply of Step type Mini electronics Regulator	Nos	6	₹ 249.61	₹ 1,497.66
5	Point wiring for 5/ 6 amp socket outlet (Separate) (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/HPL)	Nos	12	₹ 702.32	₹ 8,427.84
6	Point wiring for 15/16 amp socket (FOR A.C point and other)outlet 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/HPL)	Nos	8	₹ 953.99	₹ 7,631.92
7	Point wiring for Computer Point 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/HPL)	Nos	9	₹ 1,441.58	₹ 12,974.22
8	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 from BDB to Swich board & BDB to Switch board(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	420	₹ 132.64	₹ 55,708.80

9	Recessed wiring to submain in 2 x 2.5 sqmm(INVERTER) 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 from BDB to Swich board & BDB to Switch board(Make of wire Finolex / L &T / Anchor / Havels/ V guard/HPL)	Mtr	30	₹ 132.64	₹ 3,979.20
10	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 from MDB to BDB as per direction of Engineer in charge (Make of wire Finolex / L &T / Anchor / Havels/ V guard) (CSR SL .No-1.8.4)	Mtr	200	179.98	₹ 35,996.00
11	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	13	276.80	₹ 3,598.40
12	Recessed wiring to submain in 4 x 10 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 4 sqmm FR PVC insulated single core multistrand copper conductor as earth wire as required (Make of wire Finolex / L &T /Anchor / Havels/ V guard/HPL) (CSR SL .No- 1.8.11)	Mtr	18	₹ 403.04	₹ 7,254.72
13	Supply and laying of 35 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)	Mtr	75	₹ 373.76	₹ 28,032.00
14	Supply and Fixing of 125 AMP. TPMCCB [35 KA] - 01 SET WITHOUT METER SPACE OUT GOING 100 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS INSTRUMENTS 0 –100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 100 / 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. [make-(a)Mcb /Mccb - Legrand/ Schneider/Havells Crabtree/ ABB, (b)volt meter, ammeter-AE/IMP, (d) all other acessories ISI mark]	No	1	₹ 41,917.50	₹ 41,917.50

15	Supply and fixing of 4 way mcb Box (4+12)(PDB) with 63 amp 4P Isolator/ 4P MCB <(>&<)> 6 nos 32 amp DPMCB 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- 2.7.4, 2.5<(>&<)> 2.9)MCB /MCCB - Legrand/ L&T/ ABB	Nos	2	₹ 4,210.27	₹ 8,420.54
16	Supply and fixing of 1200 mm sweep AC ceiling fan (5 star rated) with connecting wire and all accessories including hanging and connections as per instruction of Electrical Engineer-in-charge.- [MAKE- KHAITAN/USHA/ CROMPTON GREAVES)	Nos	6	₹ 1,874.17	₹ 11,245.02
17	Supply and fixing of 15 wt. LED Down lighter on False ceiling with comprises of aluminium die cast housing finished in white powder coated & ABS white ring . The downlighter is pre-wired with high efficiency electronic driver. High traslucent frosted diffuser is used to get glare free, smooth light distribution. Operating Voltage Range : 150V~ - 270V, PF : > 0.9, 100 Lum/Watt with lamp , choke, connecting wire, and all accessories and connections as per instruction of Electrical Engineer-in-charge .(Make- CROMPTON/ PHILIPS/ WIPRO)	Nos	28	1,201.75	₹ 33,649.00
18	Supply and installation of 1.5 Tr. Split type Air Conditioner (3 Star) 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 /MAKE – BLUE STAR, , MAKE OF STABILIZER- JYOTI/SHAKTI/ AUTOTEK	Nos	4	₹ 49,450.00	₹ 1,97,800.00
19	Supply ,delivery,installation,testing,commissioning of maintenance free Earthing with using chemical compound with copper bonded steel rod with minimum 3 mtrs long and suitable terminal clamp complete accessories instruction of Electrical Engineer-In-Charge	NO.	3	15,200.00	₹ 45,600.00
20	Providing and fixing 8 SWG (4mm) dia copper wire on surface or in recess for loop earthing as required. (csr sr.no- 3.18)	Rft	140	25.73	₹ 3,602.20
21	LAN WORK				₹ 0.00
(i)	Supply & fixing of cat-6 UTP cable for LAN wiring in existing conduit pipe / PVC casing capping / under floor G.I. Tunk line as per the instruction of Electrical Engineer-In-Charge and consultant . MAKE- D-LINK	Mtr	350	26.17	₹ 9,159.50
a	Supply of 10/100/1000 gigabyte smart managed switch with 4 SFP port, 24 ports(Make-D-Link)	No	1.0	14047.61	₹ 14,047.61
b	Power Distribution Box MAKE- NET RACK/ VAL RACK	No	1.0	523.80	₹ 523.80
c	Supply of 6U Wall Mounted Rack with Accessories	No	1.0	3771.32	₹ 3,771.32
(iii)	Supply & fixing of 2 mtr / 1 mtr long patch cord MAKE- D-LINK				₹ 0.00
a	For 1 mtr long	No	9.0	101.49	₹ 913.41
b	For 2 mtr long	No	9.0	122.00	₹ 1,098.00
(iv)	Supply & fixing of Information Outlet with SMB I/O MAKE- D-LINK	No	10.0	206.85	₹ 2,068.50

(vii)	Supply, delivery, installation & testing of LCD projector of fix type ,make- SONY or BENQ complete mounted on ceiling as required and as per direction of Engineer-in-charge.	No	1	48,593.75	₹ 48,593.75
(viii)	Supply, delivery, installation & testing of 5'X7' size remote operated screen of Liberty or Suvira lite as required and as per direction of Engineer-in-charge.	No	1	17,144.53	₹ 17,144.53
(ix)	Providing and fixing of Liberty VGA Cable	Mtr	20	150.39	₹ 3,007.80
22	PA SYSTEM				₹ 0.00
(i)	Supply of Wall Mounted Speaker Make- Ahuja (SMX-302T) including all accessories.	Nos	12	4,536.65	₹ 54,439.80
(ii)	Supply of Collar Held Microphone Make- Ahuja (AWM-811 VHF) including all accessories.	Nos	1	6,792.79	₹ 6,792.79
(iii)	Supply of Hand Held Microphone Make- Ahuja (AWM-520V2) including all accessories.	Nos	1	4,970.33	₹ 4,970.33
(iv)	Supply of Audio Amplifier Make- Ahuja (SSA- 250 DP-811 VHF) including all accessories.	Nos	1	16,520.13	₹ 16,520.13
(v)	Wiring to Loudspeakers with 2 x 1.5 sqmm stranded copper conductor unarmoured cable for loud speakers clamped with PVC pipe saddles,base etc. on ceiling /wall complete including termination,testing etc as required and as per direction of Engineer-in-charge	Mtr	80	168.00	₹ 13,440.00
(vi)	Installation , testing , Commissioning charges of Audio System	Nos	1	5,000.00	₹ 5,000.00
1	TOTAL RS.				3557189.00
2	CESS @ 1%				35571.89
3	Total Estimated Cost				3592760.89
4	Total Estimated Cost in Figures				3592761.00
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/-
Consultant(Elect.)**

**Sd/-
Joint Manager(Elect.)**