

S.No	Description of item	UOM	IVF-GANDHI				IVF-PETLABURJ			
			Item code	Agg QTY	Exe QTY	Diff	Item code	Agg QTY	Exe QTY	Diff
1	Supply and laying of ISI 25mm outer dia medium grade with IS:9537-part 3 rigid PVC pipe concealed in wall with all required PVC / Metallic Junction Boxes including masonry work and labour charges etc., Makes: Sudhakar / Precision /Universal/ Modi / Million Plast. at Gandhi Hospital	Rmt	IVF096	200	415.00	215.00	IVF293	200	463.50	263.50
2	Supply and laying of ISI 25mm outer dia medium grade with IS:9537-part 3 rigid PVC pipe surface on wall with all required PVC / Metallic Junction Boxes including masonry work and labour charges etc., Makes: Sudhakar / Precision /Universal/ Modi / Million Plast. at Gandhi Hospital	Rmt	IVF097	500	1060.20	560.20	IVF294	450	1352.80	902.80
3	Wiring with 2 runs of 22/0.3mm 1.5 Sq.mm FRLS / HFFR P.V.C. insulated flexible copper cable ISI MARK in existing pipe with 6A Modular switch, Ceiling rose/BH/SBH Modular switches with cover plate and GI switch box including all labour charges etc., complete. for Non- Residential Building Makes of wires: Finolex/ RR Cable/ Havells/ Polycab/ HPL. Makes of switches: - GM Four-Five / Legrand Arteor / Schneider Zen celo /Honeywell Blenge Plus/Gold Medal curve. at Gandhi Hospital	Pts	IVF098	110	146.00	36.00	IVF295	100	258.00	158.00
4	Supply and fixing of 6A ISI Mark 3/2 pin Modular socket with 6A 1way Modular switch, 3 Module box with cover frame and GI switch box on common switch board with connections etc., complete. Makes of wires: Finolex/ RR Cable/ Havells/ Polycab/ HPL. Makes of switches: - GM Four-Five / Legrand Arteor / Schneider Zen celo /Honeywell Blenge Plus/Gold Medal curve. at Gandhi Hospital	No	IVF099	12	30.00	18.00	IVF296	12	33.00	21.00
5	Supply and fixing of 16A switches - 1Nos and 6/16A 2 in one socket - 1Nos Modular type with cover plate and GI switch box fixing on separate board including all labour charges etc., complete. Makes of switches: - GM Four-Five / Legrand Arteor / Schneider Zen celo /Honeywell Blenge Plus/Gold Medal curve. at Gandhi Hospital	No	IVF100	40	14.00	-26.00	IVF297	40	28.00	-12.00

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6	Supply and fixing of 16A/6A, 2 in one socket - 2 Nos with 16A switch control - 2 Nos modular type with and GI switch box with front cover plate including all labour charges etc., complete. Makes of switches: - GM Four-Five / Legrand Arteor / Schneider Zen celo /Honeywell Blenge Plus/Gold Medal curve. at Gandhi Hospital	No	IVF101	60	53.00	-7.00	IVF298	60	77.00	17.00
7	Supply and fixing of 16A/6A, 2 in one socket - 4 Nos with 16A switch control - 4 Nos modular type with and GI switch box with front cover plate including all labour charges etc., complete. Makes of switches: - GM Four-Five / Legrand Arteor / Schneider Zen celo /Honeywell Blenge Plus/Gold Medal curve. at Gandhi Hospital	No	IVF102	10	0.00	-10.00	IVF299	10	0.00	-10.00
8	Supply and run of 1 of 22 /0.3mm 1.5 Sq.mm FRLS / HFFR P.V.C. insulated flexible copper cable in existing conduit pipe for earth continuity including all labour charges etc., complete. Makes of wires: Finolex/ RR Cable/ Havells/ Polycab/ HPL. at Gandhi Hospital	Rmt	IVF103	350	0.00	-350.00	IVF300	350	379.60	29.60
9	Supply and run of 3 of 2.5 sq.mm 36/0.3mm phase neutral and earth FRLS / HFFR PVC insulated flexible copper cable in existing conduit pipe for individual lighting circuits including labour charges etc., complete as required for switch boards. Makes of wires: Finolex/ RR Cable/ Havells/ Polycab/ HPL. at Gandhi Hospital	Rmt	IVF104	600	637.10	37.10	IVF301	600	1713.10	1113.10
10	Supply and 3 runs of 4.0 sq mm 56/0.3 mm phase neutral and earth FRLS / HFFR PVC insulated flexible copper cable in existing conduit pipe including labour charges etc., complete for 16A sockets. Makes of wires: Finolex/ RR Cable/ Havells/ Polycab/ HPL. at Gandhi Hospital	Rmt	IVF105	1200	1349.10	149.10	IVF302	1200	2421.00	1221.00
11	Supply and run of 5 of 6.0 Sqmm 90/0.3 mm 3 phases, neutral and earth FRLS / HFFR PVC insulated flexible copper cable in the existing conduit pipe for run of mains from Power panel board to TPN DBs with pin type lugs and connections etc., complete. for LDBs Makes of wires: Finolex/ RR Cable/ Havells/ Polycab/ HPL. at Gandhi Hospital	Rmt	IVF106	60	333.30	273.30	IVF303	60	240.10	180.10

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12	Supply and run of 5 of 10.0 Sqmm 140/0.3 mm 3 phases, neutral and earth FRLS / HFFR PVC insulated flexible copper cable in the existing conduit pipe for run of mains from Power panel board to TPN DBs with pin type lugs and connections etc., complete. for PDBs Makes of wires: Finolex/ RR Cable/ Havells/ Polycab/ HPL. at Gandhi Hospital	Rmt	IVF107	40	145.10	105.10	IVF304	40	284.00	244.00
13	Supply and fixing of DP Metal Enclosure with IP 20 Protection DB Make with 1 No 20A, 10 KA DP MCB Make: Legrand / Schneider including internal connection and labour charges for Flush Mounting etc., complete. Makes: Legrand / Schneider. at Gandhi Hospital	No	IVF108	5	1.00	-4.00	IVF305	5	0.00	-5.00
15	Supply and fixing of 4 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 Makes: Legrand / Schneider and Supply and Fixing of 1 No., of 40A FP 30mA RCCB as incomer and 12 Nos 6-32 A 10kA SP MCBs Makes: Legrand-DX3 / Schneider-Acti9 as out goings including internal connections and labour charges for FLUSH Mounting etc., complete. For Lighting DBs at Gandhi Hospital	No	IVF109	3	8.00	5.00	IVF306	3	10.00	7.00
16	Supply and fixing of 8 Way TPN DB Horizontal with IP 43 Protection as per IS:13032 Makes: Legrand / Schneider and Supply and Fixing of 1 No., of 63A FP 100mA RCCB as incomer and 24 Nos 6-32 A 10kA SP MCBs Makes: Legrand-DX3 / Schneider-Acti9 as out goings including internal connections and labour charges for FLUSH Mounting etc., complete. For Lighting DBs At Gandhi Hospital	No	IVF110	2	0.00	-2.00	IVF307	2	0.00	-2.00

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17	Supply and fixing of 8 Way VTPN DB Horizontal with IP 43 Protection as per IS:13032 Makes: Legrand / Schneider and Supply and Fixing of 1 No., of 100A FP 10KA MCB as incomer and 4 Nos 63 A 10kA TP MCBs, 4 Nos 40 A 10kA TP MCBs Makes: Legrand-DX3 / Schneider-Acti9 as out goings including internal connections and labour charges for FLUSH Mounting etc., complete. For UPS MDB DBs At Gandhi Hospital	No	IVF111	1	1.00	0.00	IVF308	1	1.00	0.00
18	Providing and fixing of 125A 25KA TPN Thermal Magnetic Release Based MCCB and Terminal Spreaders in Existing panel board with 1 No. and 1 Set of Indication Lamps, LED type, R,Y,B and breaker ON , OFF, TRIP and spring charged lamps. and replace with above Mentioned with required Drilling Holes, removing and Making Busbar connections etc, as required. Makes: Legrand / Schneider/ABB/LandT/CandS At Gandhi Hospital	No	IVF112	1	1.00	0.00	IVF309	1	1.00	0.00
19	Providing and fixing of 100A 10KA FP MCB and Terminal Spreaders in IP 43 isolator Box Making connections etc, as required. Makes: Legrand / Schneider/ABB/LandT/CandS At Gandhi Hospital	No	IVF113	2	0.00	-2.00	IVF310	2	0.00	-2.00
20	Supply, transportation and fixing of 24W edge lit LED Down light Square Housing Made of Aluminum alloy with corrosion resistant powder coat, with high efficiency acrylic wide diffuser Square with Protruded high efficiency diffuser, IP20, with wide operating voltage range, Power factor greater than 0.9, Surge protection: greater than 2KV, System efficacy of greater than100 lumens/watt, CCT: 3000K - 6500K as desired by the department and as per IS, CRI greater than80, and THD is less than 15percentage etc., with BIS Certification. Makes: Phillips / OSRAM / Wipro / Crompton / Bajaj / Havells At Gandhi Hospital	No	IVF114	50	44.00	-6.00	IVF311	50	91.00	41.00

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21	Supply and Transportation 36W Edge lit, 2 feet x2 feet 600mm x600mm slim panel LED luminaire Square Housing Made of Aluminum alloy with corrosion resistant powder coat, with high efficiency acrylic wide diffuser, with wide operating voltage range, Power factor greater than 0.9, Surge protection greater than 2KV, System efficacy of greater than100 lumens/watt, CCT: 3000K - 6500K as desired by the department, CRI greater than80, and THD is less than 15percentage etc., complete. Makes: Phillips / OSRAM / Wipro / Crompton / Bajaj / Havells At Gandhi Hospital	No	IVF115	30	40.00	10.00	IVF312	30	60.00	30.00
22	Supply and Transportation 42W Clean room Light fixture, 2 feet x2 feet 600mm x600mm LED luminaire CRCA powder coated white after phosphocreatine treatment provided as standard. with high efficiency acrylic wide diffuser, with wide operating voltage range, Power factor greater than 0.9, Surge protection greater than 2KV, System efficacy of greater than100 lumens/watt, CCT: 3000K - 6500K as desired by the department, CRI greater than80, and THD is less than 15percentage etc., complete. MAKE: OSRAM / Wipro / Crompton / Bajaj / Havells At Gandhi Hospital	No	IVF116	12	0.00	-12.00	IVF313	12	0.00	-12.00
23	Supply and fixing of ISI mark batten holder / slanting holder Makes : Anchor/ Gold Medal Olive / Million Zoom in lieu of ceiling rose of light point complete with all connections and all labour charges with 5.0W LED Lamp MAKE: OSRAM / Wipro / Crompton / Bajaj / Havells At Gandhi Hospital	No	IVF117	5	0.00	-5.00	IVF314	5	0.00	-5.00

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24	Supply, Transportation of energy efficient fan, 1200 mm sweep, aluminium body, consuming 28 W, BEE 5 star rated, ceiling fan with Brush Less Direct Current BLDCmotor, class of insulation: B, 3 nos blades, 30 cm long down rod, 2 nos canopies, shackle 'kit, safety rope, copper winding, Power Factor greater than 0.90, Service Value CMMAV greater than 8.5, Air delivery minimum 235 CMM,350 RPM tolerance as per IS:374-2019, THD less than 10percentage. with remote or compatible to electronic step type regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise equal to75 degree Cmax, insulation resistance more than 2 mega ohm, suitable for 230V, 50 HZ, single phase AC supply, earthing etc., including all standard accessories etc., complete. Makes : Atomberg Efficio / Havells /Orient At Gandhi Hospital	No	IVF118	12	0.00	-12.00	IVF315	12	0.00	-12.00
25	Supply and fixing of Modular type Stepped electronic regulator Makes : GM Four-Five / Legrand Arteor / Schneider Zen celo /Honeywell Blenge Plus/ Cabtree Verna/ Million logus / Gold Medal Curve for sweep AC ceiling fans of 1200mm / 1400mm complete with connections. At Gandhi Hospital	No	IVF119	12	14.00	2.00	IVF316	12	28.00	16.00
26	Supply and installation of 225mm Light duty exhaust fan with metal blades etc complete Makes: Crompton / Havells Ventilair-DB/ Orient hill air. At Gandhi Hospital	No	IVF120	5	4.00	-1.00	IVF317	6	8.00	2.00
27	SITC of Hot dip galvanized perforated cable tray of 100 mm Wide sizes for to run the cable from DBs to SBs and sockets and AC panel to Units units. All necessary supports and accessories are included. Cable tray for cables alone shall be included here Thickness shall be 1.6 mm. At Gandhi Hospital	Rmt	IVF121	70	36.20	-33.80	IVF318	70	79.00	9.00

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28	SITC of Hot dip galvanized perforated cable tray of 300 mm Wide sizes for to run the cable from Floor Panel to Lab Panel and electrical room to AC panel and AC panel to Units. All necessary supports and accessories are included. Cable tray for cables alone shall be included here Thickness shall be 1.6 mm. At Gandhi Hospital	Rmt	IVF122	80	85.40	5.40	IVF319	80	102.50	22.50
29	Supply and installation of 20KVA 3ph in and 3ph out on line UPS system IGBT based rectifier with input power factor correction 32 bit microprocessor based with isolation transformers double conversion, SNMP controls, LCD display, Pure sine wave output, with auto static switch three phase input / Three phase output and modular structure for better thermal technology / cooling facility, with warranty up to three years.Makes: APC / Numeric / Emerson / Fuji Electric At Gandhi Hospital	No	IVF123	1	1.00	0.00	IVF320	1	1.00	0.00
30	Supply and fixing of 12V 65 AH SMF battery including wire leads. Makes: Quanta / Racket / Exide. At Gandhi Hospital	No	IVF124	20	32.00	12.00	IVF321	20	32.00	12.00
31	Supply and providing of UPS cum battery rack for 20 batteries At Gandhi Hospital	No	IVF125	1	1.00	0.00	IVF322	1	1.00	0.00
32	Providing and Fixing maintenance free earthing which consists of G.I. Earth station, with 600X600X3.15mm GI Plate at 2500mm Depth including construction of brick pedestal, providing meshed funnel, GI cover and other civil Engineering works, spreading a homogenous mixture of salt, charcoal around the pipe etc., completely as per IS 3043, 1987 or latest revision. Earthing testing should be done as per IE Rules like Earth valve test Etc. At Gandhi Hospital	No	IVF126	2	2.00	0.00	IVF323	2	2.00	0.00

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33	Providing and Fixing maintenance free earthing which consists of copper. Earth station, with 600X600X3.15mm Copper Plate at 2500mm Depth including construction of brick pedestal, providing meshed funnel, GI cover and other civil Engineering works, spreading a homogenous mixture of salt, charcoal around the pipe etc., completely as per IS 3043, 1987 or latest revision. Earthing testing should be done as per IE Rules like Earth valve test Etc. At Gandhi Hospital	No	IVF127	2	2.00	0.00	IVF324	2	4.00	2.00
34	Supply and installation of 50x6 GI flat for body earthing of electrical panel and AC Panel which is laid in 300mm cable tray At Gandhi Hospital	Rmt	IVF128	200	184.90	-15.10	IVF325	200	217.30	17.30
35	Supply and installation of 25x3 GI flat for body earthing of DBs and Cable tray which is laid in 100mm cable tray At Gandhi Hospital	Rmt	IVF129	100	168.70	68.70	IVF326	100	0.00	-100.00
36	Supply and installation of 25x3 Copper flat for Neutral earthing of UPS and Equipment which is laid in 100mm cable tray At Gandhi Hospital	Rmt	IVF130	200	65.30	-134.70	IVF327	200	207.30	7.30
37	Supply and installation of 4 sqmm Copper wire for Earthing of DBs Equipment At Gandhi Hospital	Rmt	IVF131	80	286.00	206.00	IVF328	80	450.60	370.60
38	Supply, Laying and testing of 3.5Cx95 sqmm XLPE Insulated Cable 1100V grade armoured aluminium cable with ISI mark as per specification confirming to IS:7098 Part - I with heavy duty type double compression weather proof type brass cable glands duly nickel plated as per BS 6121 and IP66 complete with brass checknut, outer sheath sealing gasket heavy duty long barrel aluminium lugs confirming to I.S specifications with complete nut, bolt and washer etc. Make of cable:Polycab/KEI/Universal/Glostar/Finolex Make of gland and Lungs: HMI/Commet/Dowell's At Gandhi Hospital	Rmt	IVF132	120	83.00	-37.00	IVF329	120	180.00	60.00

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39	Supply, Laying and testing of 3.5CX50 sqmm XLPE Insulated Cable 1100V grade armoured aluminium cable with ISI mark as per specification confirming to IS:7098 Part - I with heavy duty type double compression weather proof type brass cable glands duly nickel plated as per BS 6121 and IP66 complete with brass checknut, outer sheath sealing gasket heavy duty long barrel aluminium lugs confirming to I.S specifications with complete nut, bolt and washer etc.. Make of Cable: Polycab/KEI/Universal/Glostar/ Finolex Make of gland and Lungs: HMI/Commet/Dowell's At Gandhi Hospital	Rmt	IVF133	70	40.00	-30.00	IVF330	70	180.00	110.00
40	Supply, Laying and testing of 4Cx16 sqmm PVC Insulated Cable 1100V grade armoured Copper cable with ISI mark as per specification confirming to IS:7098 Part - I with heavy duty type double compression weather proof type brass cable glands duly nickel plated as per BS 6121 and IP66 complete with brass checknut, outer sheath sealing gasket heavy duty long barrel aluminium lugs confirming to I.S specifications with complete nut, bolt and washer etc..Make of Cable: Polycab/KEI/Universal/Glostar/Finolex Make of gland and Lungs: HMI/Commet/Dowell's At Gandhi Hospital	Rmt	IVF134	100	60.00	-40.00	IVF331	100	160.40	60.40
41	Supply, Laying and testing of 4Cx6 sqmm PVC Insulated Cable 1100V grade armoured Copper cable with ISI mark as per specification confirming to IS:7098 Part - I with heavy duty type double compression weather proof type brass cable glands duly nickel plated as per BS 6121 and IP66 complete with brass checknut, outer sheath sealing gasket heavy duty long barrel aluminium lugs confirming to I.S specifications with complete nut, bolt and washer etc. Make of Cable: Polycab/KEI/Universal/Glostar/Finolex Make of gland and Lungs: HMI/Commet/Dowell's At Gandhi Hospital	Rmt	IVF135	120	53.00	-67.00	IVF332	120	120.00	0.00

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42	Supply, Lying and testing of 4Cx4 sqmm PVC Insulated Cable 1100V grade armoured Copper cable with ISI mark as per specification confirming to IS:7098 Part - I with heavy duty type double compression weather proof type brass cable glands duly nickel plated as per BS 6121 and IP66 complete with brass checknut, outer sheath sealing gasket heavy duty long barrel aluminium lugs confirming to I.S specifications with complete nut, bolt and washer etc. Make of Cable: Polycab/ KEI/Universal/ Glostar/Finolex. Make of gland and Lungs: HMI/Commet/Dowell's at Gandhi Hospital	Rmt	IVF136	80	125.00	45.00	IVF333	80	80.00	0.00
43	SITC of IVF Center Main Panel Indoor IP-42 wall/ free standing floor mounted dust and vermin proof compartmentalized cubical panel made out of CRCA sheet, required hardware, duly treated for de-rusting in 7 tank process with de-phosphate and with powder coating on both side of panel in desired shade. The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness, separate detachable gland plate M.S. base channel, hinged door with locking arrangement for equipment/switchgear. Thickness of sheet shall not be less than 1.6 mm up to 600 mm length / width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required. Side walls and cable alley compartments having bolted type doors with /without detachable extension type structure with all type of suitable switching accessories and bus-bar as per load requirement of respective IVF equipment's. Which is including Lighting, power DBs and UPS at Gandhi Hospital	No	IVF137	1	1.00	0.00	IVF334	1	1.00	0.00

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44	SITC of IVF center AC Panel outdoor IP-54 wall/ free standing floor mounted dust and vermin proof compartmentalized cubical panel made out of CRCA sheet, required hardware, duly treated for de-rusting in 7 tank process with de-phosphate and with powder coating on both side of panel in desired shade. The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness, separate detachable gland plate M.S. base channel, hinged door with locking arrangement for equipment/switchgear. Thickness of sheet shall not be less than 1.6 mm up to 600 mm length / width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required. Side walls and cable alley compartments having bolted type doors with / without detachable extension type structure with all type of suitable switching accessories and bus-bar as per load requirement of respective AC equipment's. Which is including 1nos AHU's stater with VFD by pass, Heater, ODU and VRF system At Gandhi Hospital	No	IVF138	1	1.00	0.00	IVF335	1	1.00	0.00
45	Supply and installation of AHUs stater on/off push button station for Remote control for inside IVF center with control wiring from AC panel to on /off push button station with necessary items. at Gandhi Hospital	No	IVF139	3	3.00	0.00	IVF336	3	0.00	-3.00