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TAX INVOICE

Tax Invoice No:

Tax Invoice Date:

Contractors Name

ELECTECH ENTERPRISES

SHOP NO 3, KAILASH SHOPPING CENTRE,

NETAJI NAGAR, 90 FT ROAD, SAKINAKA, MUMBAI-400072 **PAN No:** ASWPK3288N

GSTIN:- 27ASWPK3288N1ZN PLACE OF SUPPLY:-DELHI

Work Order No: TFSPL/PO/23-24/000127

Date:

Work Order

Travel Food Services Private Limited

New Terminal 1, Indira Gandhi Intl. Airport,

Domestic Departure Sha, Mehram Nagar, Project:- DEL BUDWEISER BAR

New Delhi-110037

GSTIN:- 07AADCB2762L2ZJ

SL No	DESCRIPTION	SAC CODE	BOQ Amt (INR)
	ELECTRICAL WORK AS PER ANNEXURE ADD:- Interstate GST @ 18% on Basic Value	995461	13,36,616.00 2,40,590.88
	ADD:- Round off		0.12
	Total Invoice Value		15,77,207.00

Amount in words

FIFTEEN LAKHS SEVENTY SEVEN THOUSAND TWO HUNDRED AND SEVEN ONLY

Bank Details to make payment

IFSC Code: UTIB0000741

Account Name : Electech Enterprises Account No : 741010200001175 Bank Name : Axis Bank Ltd Branch Name : Saki Vihar For M/s. Electech Enterprises

02-05-2024

31-01-2024



(Authorised Signatory)

	BILL OF QUA	NTITIES	AND EST	IMATE			
PROJECT:	BUDWEISER BAR_DELHI AIRPORT			DATE: 21-12-2023 REV: R1			
ELE	CTRICAL SERVICES, CCTV & DATA - WORKS BILL OF QUANTITIE	S AND ESTIM	ATE	STATUS:	TENDER		
ITEM CODE	ITEM NAME	UOM	QTY	UNIT COST	AMOUNT	PERCENTAGE	AMOUNT
A.1	INCOMER ISOLATOR / MCCB PANEL Supply, Installation, Testing & Commissioning of Incomer Isolator / MCCB Panel complete with Enclosure (If required as per site condition / Airport TDM). Make / Brand selection as per Airport TDM listed.						
A1.1	250A ISOLATOR / MCCB PANEL	No.	1	42000	42000	80%	33600
	METER / METER PANEL						
B.1	Supply, Installation, Testing & Commissioning of Energy Meter / Meter Panel (Prepaid Type) complete with Enclosure (If required as per site condition / Airport TDM). Make / Brand selection as per Airport TDM listed.				,		
B.1.1 C	250A/5A PREPAID ENERGY METER (CT Type) LV CABLING	No.	1				
	Supply, Installation, Testing & Commissioning of Fire Rated LSH / LSZH PVC insulated PVC sheathed, Copper conductor, Steel Tape / Wire Armoured, 1100V grade cable, complete with Termination of the same with Single Compression Brass Glands, Solderless Tinned Copper Lugs, Gland earthing, etc. The cable shall be laid Underground / on Cable Tray / in Pipe / on Wall / Trench as required. For cables laid on Cable Tray / in Pipe / on Wall / Trench - the rate shall include necessary supporting / clamping arrangements.						
C.1.1	4C x 95 MM2	Mtr.	12	3775	45300	80%	36240
C.1.2	4C x 35 MM2	Mtr.	20	1785	35700	80%	28560
C.1.3	4C x 16 MM2	Mtr.	24	1050	25200	80%	20160
C.1.4	4C x 6 MM2	Mtr.	50	580	29000	80%	23200
C.1.5	4C x 4 MM2	Mtr.	30	495	14850	80%	11880
C.1.6 D	2C x 4 MM2 DISTRIBUTION BOARDS	Mtr.	100	280	28000	80%	22400
D.1	Supply, Installation, Testing & Commissioning of Surface / Flush mounting 10kA / 25kA (As per Panel requirement) Phase segregated Distribution Boards. The DB shall be made out of 1.2 mm CRCA sheet steel enclosure and powder coated complete with cable gland plate & knock out at the top and bottom. The DB shall have hinged lockable door. The busbar shall be tinned copper, for phases mounted on fork type Insulator, Independent neutral busbar for each phase including inter connecting wiring & earth bus on insulation mount. Make / Brand selection as per Airport TDM listed. All DB's must named as per the SLD / Load Calculation Sheet. Laminated SLD & Load Calculation Sheet shall be placed near to DB Panel Locations. The RCCB / RCBO shall be Hpi / Si series & MCB's shall be 'B" / 'C' Curve (As per requirement).						
D.1.1	8 Way TPN Panel Board with 250A TP MCCB incomer and 8 Nos. outgoings as per SLD & Load Calculation Sheet complete with Starter Panels. Make / Brand selection as per Airport TDM listed.	No.	1	335000	335000	80%	268000
	LPDB						
D.1.2	16Way TPN Panel Board with 125A TPN Isolator incomer, 2 Nos. RCBO Sections and outgoings as per SLD & Load Calculation Sheet. Make / Brand selection as per Airport TDM listed.	No.	1	34000	34000	80%	27200
	UPS DB		_				
D.1.3	6 Way SPN Panel Board with 20A 2P RCBO incomer and outgoings as per SLD & Load Calculation Sheet. Make / Brand selection as per Airport TDM listed.	No.	1	11000	11000	80%	8800



E	CIRCUIT MAINS & EARTH						
E.1	Supply, Installation, Testing & Commissioning of Sub / Circuit Mains & Earth wires with Fire Rated LSH / LSZH PVC insulated Flexible Copper Wires 660 / 1100V grade through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back Boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires, etc. with Termination of the same with Solderless Tinned Copper Lugs, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Wiring shall be as per IS 732. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension. Circuit mains shall be measured from DB to switch board, looping between switch board to outlets / lights, and looping from switch board to switch board.						
E.1.1	1C x 50 MM2	Mtr.	12	750	9000	80%	7200
E.1.2	1C x 16 MM2	Mtr.	22	190	4180	80%	3344
E.1.3 E.1.4	2R X 6 SQ MM+1R X 4 SQ MM FRLSH WIRES 2R X 4 SQ MM+1R X 2.5 SQ MM FRLSH WIRES	Mtr.	80 600	280 165	22400 99000	80% 80%	17920 79200
E.1.4 E.1.5	2R X 2.5 SQ MM+1R X 1.5 SQ MM FRLSH WIRES	Mtr. Mtr.	300	135	40500	80%	32400
E.1.6	2R X 1.5 SQ MM+1R X 1.5 SQ MM FRLSH WIRES	Mtr.	50	95	4750	80%	3800
F.1	Fixture Point wiring (Light Fixtures to be as approved by Architect Design & BOQ) with Lamps, Ballasts / Drivers / Starters, Switches / Lighting Control Switch Board with Fire Rated LSH / LSZH PVC insulated Flexible Copper Wires 660 / 1100V grade through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with Solderless Tinned Copper Lugs, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Wiring shall be as per IS 732. Make / Brand selection by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension.						
F.1.1	Ceiling Suspended Linear Lights (1200mm long) (Point Wiring	Nos.	73	2000	146000	80%	116800
F.1.2	Designer Hanging LED Light (Point Wiring only)	No.	1	3500	3500	80%	2800
F.1.3	Hanging LED Display (Point Wiring only)	No.	1 12	3500	3500	80%	2800
F.1.4 F.1.5	600 x 600mm LED Panel Light (Point Wiring only) Exit Light (Wall / Ceiling Mounted) (Point Wiring only)	Nos.	13 6	2500 2500	32500 15000	80% 80%	26000 12000
F.1.6	Lighting Control Switch board with switches as required (Pol	Nos.	3	2100	6300	80%	5040
G.1	WIRING DEVICES (SWITCHES & SOCKETS) Supply, Installation, Testing & Commissioning of Wiring Devices (Switches & Sockets - Face Plate Finish as approved by Architect / Matching to Architecture Finishes) with Fire Rated LSH / LSZH PVC insulated Flexible Copper Wires 660 / 1100V grade through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with Solderless Tinned Copper Lugs, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Wiring shall be as per IS 732. Make / Brand selection as per Airport TDM listed / by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension.						



Colin TAASRICG SWITCH DESCORTE OUILET No. 13				i			1	
C.1.3 TAS SINCLE UNSWITCHED SOCKET OUTLET (FLORI BOX)	G.1.1	13A SINGLE SWITCHED SOCKET OUTLET	Nos.	24	750	18000	80%	14400
13.4 SINGLE SWITCHED UNIVERSAL SOCKET DUTIET + USB	G.1.2	13A SINGLE UNSWITCHED SOCKET OUTLET	Nos.	13	800	10400	80%	8320
6.1.5 IAB DIMA SWITCHER SOCKET OUTLET Nos. 2 1400 2600 80% 2240 61.5 6.15 1AB DIMA SWITCHER SOCKET OUTLET Nos. 6 900 5400 80% 7320 61.17 26.5 MINGLE SWITCHER SOCKET OUTLET Nos. 6 900 5400 80% 7320 61.17 26.5 MINGLE SWITCHER SOCKET OUTLET Nos. 6 900 5400 80% 7320 61.17 26.5 MINGLE SWITCHER SOCKET OUTLET Nos. 6 900 5400 80% 7320 61.17 26.5 MINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN) Nos. 8 2600 25000 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600 80% 2600	G.1.3	13A SINGLE UNSWITCHED SOCKET OUTLET (FLOOR BOX)	No.	1	750	750	80%	600
G-1-16 20A SINGLE SWITCHED SOCKET OFFITE No. 6 990 5400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400 80% 7400	G.1.4		Nos.	8	2800	22400	80%	17920
G.17 28A SINCEL SWITCHED SOCKET CUITET No. 1 950 950 80% 760	G.1.5	13A DUAL SWITCHED SOCKET OUTLET	Nos.	2	1400	2800	80%	2240
C.1.8 I6A SINCLE PHASE INDUSTRIAL SWITCHED SOCKET (S PIN) Nos. 8 2600 2800 80% 20160	G.1.6	20A SINGLE SWITCHED SOCKET OUTLET	Nos.	6	900	5400	80%	4320
C.19 20A SINCLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PN)	G.1.7	25A SINGLE SWITCHED SOCKET OUTLET	No.	1	950	950	80%	760
S. 1.10 \$2A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (\$ PIN) Nos. 2 2900 5800 80% 4440	G.1.8	16A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN)	Nos.	8	2600	20800	80%	16640
G.1.11 32A THREE PHASE INDUSTRIAL SWITCHED SOCKET (F PIN) No. 1 175800 175800 80% 19200	G.1.9	20A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN)	Nos.	9	2800	25200	80%	20160
G.1.12 53A THREE PHASE INDUSTRIAL SWITCHED SOCKET (5 PIN) No. 1 12500 12500 80% 10000	G.1.10	32A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN)	Nos.	2	2900	5800	80%	4640
G.1.13 20A DOUBLE POLE SWITCH WITH NEON INDICATOR No. 1 950 950 80% 760	G.1.11	32A THREE PHASE INDUSTRIAL SWITCHED SOCKET (5 PIN)	Nos.	2	12000	24000	80%	19200
G.115 145 MIGLE PLANS INDICATIOR No. 1 800 800 800 800 1440	G.1.12	63A THREE PHASE INDUSTRIAL SWITCHED SOCKET (5 PIN)	No.	1	12500	12500	80%	10000
G.115 145 MIGLE PLANS INDICATIOR No. 1 800 800 800 800 1440	G.1.13	20A DOUBLE POLE SWITCH WITH NEON INDICATOR	No.	1	950	950	80%	760
G-1.15 16A SINGLE PHASE INDICATOR Nos. 3 600 1800 80% 1440 H CONTAINMENT (CABLE TRAY, TRUNKING, CONDUITS) Supply Installation of Cl Cable Tray, Cl Cable Frunking, GI / Heavy Duty PVC conduit through wall / ceiling / floor as per drawings, complete with standard accessories / factory made fittings, earthing throughout the run with Client. H.1 coper braids, wall / ceiling suspended supports, etc. Make / Brand selection as per Aliport IDM listed / by Client. H.1 450 x 25 MM CABLE TRAY Mr. 50 1300 65000 80% 52000 H.2 300 x 25 MM CABLE TRAY Mr. 50 1300 65000 80% 52000 H.3 150 x 25 MM CABLE TRAY Mr. 6 600 3000 80% 52000 H.5 50 x 25 MM CABLE TRAY Mr. 9 320 2880 80% 2000 H.5 50 x 25 MM CABLE TRAY Mr. 9 320 2880 80% 2000 H.6 100 x 25 MM CABLE TRAY Mr. 9 320 2880 80% 2000 H.7 25 MM GI CONDUIT Mr. 450 240 108000 80% 86400 H.8 20 MM PVC CONDUIT Mr. 50 190 9500 80% 86400 H.9 25 MM PVC CONDUIT Mr. 50 190 9500 80% 86400 H.9 25 MM PVC CONDUIT Mr. 50 190 9500 80% 86400 J.1 UPS SYSTEM Supply, Installation, Testing & Commissioning of ZKVA Single plants by PV W CABLE Write Write Mr. 50 190 9500 80% 7600 J. CCV SYSTEM Supply, Installation, Testing & Commissioning of CCTV System with required cabling through suitable size GI Conduit / Heavy but pVC Conduit / Gi Invising (Containment size & Type selection as per site requirement), complete with suitable size GI Conduit / Heavy but pVC Conduit / Gi Invising (Containment size & Type selection as per site requirement), complete with suitable size GI Conduit / Heavy but pVC Conduit / Gi Invising (Containment size & Type selection as per site requirement), complete with suitable size GI Conduit / Heavy but pVC Conduit / Gi Invising (Containment size & Type selection as per site requirement), complete with suitable size GI Conduit / Heavy but pvC Conduit / Gi Invising (Containment size & Type selection as per site requirement), complete with suitable size GI Conduit / Heavy but pvC Conduit / Gi Invising (Containment size & Type selection as per site requirement), complete								
G.1.16 20A. THREE PHASE INDICATOR H CONTAINMENT (CABLE TRAY, TRUNKING, CONDUITS) Supply & Installation of GI Chable Tray, GI Cable Trunking, GI / Heavy Duty PVC conduits through well / ceiling / floor as per drawings, complete with standard accessories / factory made fittings, earthing through out the run with the copper braids, wall / ceiling suspended supports, etc. Make / Brand selection as per Airport TDM listed / by Cilient. H.1 450 x 25 MM CABLE TRAY Mitr. 50 1300 65000 80% 5200 H.3 150 x 25 MM CABLE TRAY Mitr. 50 1300 65000 80% 5200 H.3 150 x 25 MM CABLE TRAY Mitr. 15 500 3600 80% 5200 H.5 90 x 25 MM CABLE TRAY Mitr. 9 320 2880 80% 2304 H.6 100 x 25 MM CABLE TRAY Mitr. 9 320 2880 80% 2304 H.6 100 x 50 MM CABLE TRAY Mitr. 450 2890 80% 25500 H.7 25 MM GI CONDUIT Mitr. 450 199 9500 80% 6000 H.8 30 MM PVC CONDUIT Mitr. 450 199 9500 80% 7600 H.9 25 MM PVC CONDUIT Mitr. 50 199 9500 80% 7600 H.9 25 MM PVC CONDUIT Mitr. 10 60 600 80% 8600 J COTV SYSTEM Supply, Installation, Testing & Commisioning of 2RVA Single 1. phase Urs with 30 mitre Back-up with Sife Battery Bank + Battery Stand. J COTV SYSTEM CONDUIT Supply, Installation Testing & Commisioning of CIV System With Termination of the unit. Make / Brand selection as per Airport TDM listed / by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable size GI Conduit / Heavy Duty PVC Conduit J Gil Trunking (Containment size & Type selection as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable size GI Conduit / Heavy Duty PVC Conduit J Gil Trunking (Containment size & Type selection as per site conduits and Trunking suspension. CCIV Dome Camera, 4 Megapixel / As approved or conduit and Trunking suspension. D. 10 Results of the same with CCIV console / PVC Results for conduit and Trunking suspension.					!		+	1
Supply & Installation of GI Cable Tray, GI Cable Trunking, GI / Heavy Duty PVC conduits Through well / celling / floor as per drawings, complete with standard accessories / factory made fittings, earthing throughout the run with copper braids, well / celling suspended supports, etc. Make/ / Brand selection as per Alrport TDM listed / by Client. H1								
H.2 300 x 25 MM CABLE TRAY	H.1	factory made fittings, earthing throughout the run with copper braids, wall / ceiling suspended supports, etc.						
H.3		Client.						
H.4			Mtr.	6	1600	9600	80%	7680
H.5	H.1	450 x 25 MM CABLE TRAY						
H.6	H.1 H.2	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY	Mtr.	50	1300	65000	80%	52000
H.7 25 MM GI CONDUIT Mtr. 450 240 108000 80% 86400 H.8 20 MM PVC CONDUIT Mtr. 50 190 9500 80% 7600 H.9 25 MM PVC CONDUIT Mtr. 10 60 600 80% 7600 I UPS SYSTEM Supply, Installation, Testing & Commissioning of 2KVA Single phase UPS with 30 Minute Back-up with SMF Battery Bank - Battery Stand. J CCTV SYSTEM Supply, Installation, Testing & Commissioning of CCTV System with required cabling through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with CCTV console / DVR, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Client. Ihe rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension. CCTV Dome Camera, 4 Megapixel / As approved or confirmed by client, Real Day / Night, Exir, IR LED, IP 67, with all neccessary accessories, Power supply units etc. J.1.1 DVR with 45 Days Back-up No. 1 48000 48000 80% 38400	H.1 H.2 H.3	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY	Mtr. Mtr.	50 6	1300 600	65000 3600	80% 80%	52000 2880
H.8 20 MM PVC CONDUIT Mtr. 50 190 9500 80% 7600 H.9 25 MM PVC CONDUIT Mtr. 10 60 600 80% 480 I UPS SYSTEM Supply, Installation, Testing & Commisioning of 2KVA Single phase UPS with 30 Minute Back-up with SMF Battery Bank + Battery Stand. J CCTV SYSTEM Supply, Installation, Testing & Commissioning of CCTV System with required cabling through suitable size GI Conduit / Heavy Duty PVC Conduit / GI runking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with CCTV console / DVR, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Cilent. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension. CCTV Dome Camera, 4 Megapixel / As approved or confirmed by cilent, Real Day / Night, Exir, IR LED, IP 67, with all neccessary accessories, Power supply units etc. J.1.1 DVR with 45 Days Back-up No. 1 48000 48000 80% 38400	H.1 H.2 H.3 H.4	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 50 x 25 MM CABLE TRAY	Mtr. Mtr. Mtr. Mtr.	50 6 15 9	1300 600 500 320	65000 3600 7500 2880	80% 80% 80% 80%	52000 2880 6000 2304
H.9 25 MM PVC CONDUIT Mtr. 10 60 600 80% 480 I UPS SYSTEM Supply, Installation, Testing & Commissioning of 2KVA Single phase UPS with 30 Minute Back-up with SMF Battery Bank + Battery Stand. J CCTV SYSTEM Supply, Installation, Testing & Commissioning of CCTV System with required cabling through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable Gi Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with CCTV console / DVR, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Cilent. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension. CCTV Dome Camera, 4 Megapixel / As approved or confirmed by cilent, Real Day / Night, Exir, IR LED, IP 67, with all neccessary accessories, Power supply units etc. J.1.2 DVR with 45 Days Back-up No. 1 48000 48000 80% 38400	H.1 H.2 H.3 H.4 H.5	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 50 x 25 MM CABLE TRAY 100 x 50 MM CABLE TRAY	Mtr. Mtr. Mtr. Mtr. Mtr.	50 6 15 9 30	1300 600 500 320 850	65000 3600 7500 2880 25500	80% 80% 80% 80% 80%	52000 2880 6000 2304 20400
I UPS SYSTEM Supply, Installation, Testing & Commisioning of 2KVA Single phase UPS with 30 Minute Back-up with SMF Battery Bank + No. 1 75000 75000 80% 60000 80% 60000 Battery Stand. J CCTV SYSTEM Supply, Installation, Testing & Commissioning of CCTV System with required cabling through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with CCTV console / DVR, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension. CCTV Dome Camera, 4 Megapixel / As approved or confirmed by client, Real Day / Night, Exir. IR LED, IP 67, with all neccessary accessories, Power supply units etc. J.1.2 DVR with 45 Days Back-up No. 1 48000 48000 80% 38400	H.1 H.2 H.3 H.4 H.5 H.6	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 50 x 25 MM CABLE TRAY 100 x 50 MM CABLE TRAY 25 MM CABLE TRAY	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr.	50 6 15 9 30 450	1300 600 500 320 850 240	65000 3600 7500 2880 25500 108000	80% 80% 80% 80% 80%	52000 2880 6000 2304 20400 86400
I.1 phase UPS with 30 Minute Back-up with SMF Battery Bank + No. 1 75000 75000 80% 60000 80 60000 80 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000 80% 60000	H.1 H.2 H.3 H.4 H.5 H.6 H.7	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 50 x 25 MM CABLE TRAY 100 x 50 MM CABLE TRAY 25 MM GI CONDUIT 20 MM PVC CONDUIT	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr.	50 6 15 9 30 450	1300 600 500 320 850 240 190	65000 3600 7500 2880 25500 108000 9500	80% 80% 80% 80% 80% 80% 80%	52000 2880 6000 2304 20400 86400 7600
Supply, Installation, Testing & Commissioning of CCTV System with required cabling through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with CCTV console / DVR, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension. CCTV Dome Camera, 4 Megapixel / As approved or confirmed by client, Real Day / Night, Exir, IR LED, IP 67, with all neccessary accessories, Power supply units etc. J.1.2 DVR with 45 Days Back-up No. 1 48000 48000 80% 38400	H.1 H.2 H.3 H.4 H.5 H.6 H.7 H.8	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 50 x 25 MM CABLE TRAY 100 x 50 MM CABLE TRAY 20 MM CABLE TRAY 20 MM PVC CONDUIT 25 MM PVC CONDUIT	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr.	50 6 15 9 30 450	1300 600 500 320 850 240 190	65000 3600 7500 2880 25500 108000 9500	80% 80% 80% 80% 80% 80% 80%	52000 2880 6000 2304 20400 86400 7600
System with required cabling through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with CCTV console / DVR, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension. CCTV Dome Camera, 4 Megapixel / As approved or confirmed by client, Real Day / Night, Exir, IR LED, IP 67, with all neccessary accessories, Power supply units etc. J.1.2 DVR with 45 Days Back-up No. 1 48000 48000 80% 38400	H.1 H.2 H.3 H.4 H.5 H.6 H.7 H.8 H.9	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 25 x 25 MM CABLE TRAY 26 x 25 MM CABLE TRAY 27 x 25 MM GABLE TRAY 28 x 25 MM GABLE TRUNKING 29 MM GI CONDUIT 20 MM PVC CONDUIT 20 MM PVC CONDUIT 20 MM PVC CONDUIT UPS SYSTEM Supply, Installation, Testing & Commisioning of 2KVA Single phase UPS with 30 Minute Back-up with SMF Battery Bank +	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr.	50 6 15 9 30 450 50	1300 600 500 320 850 240 190 60	65000 3600 7500 2880 25500 108000 9500 600	80% 80% 80% 80% 80% 80% 80% 80%	52000 2880 6000 2304 20400 86400 7600 480
J.1.1 confirmed by client, Real Day / Night, Exir, IR LED, IP 67, with all neccessary accessories, Power supply units etc. Nos. 10 8500 85000 80% 68000 J.1.2 DVR with 45 Days Back-up No. 1 48000 48000 80% 38400	H.1 H.2 H.3 H.4 H.5 H.6 H.7 H.8 H.9	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 25 x 25 MM CABLE TRAY 100 x 50 MM CABLE TRAY 100 x 50 MM CABLE TRUKING 25 MM GI CONDUIT 25 MM PVC CONDUIT 25 MM PVC CONDUIT UPS SYSTEM Supply, Installation, Testing & Commisioning of 2KVA Single phase UPS with 30 Minute Back-up with SMF Battery Bank + Battery Stand.	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr.	50 6 15 9 30 450 50	1300 600 500 320 850 240 190 60	65000 3600 7500 2880 25500 108000 9500 600	80% 80% 80% 80% 80% 80% 80% 80%	52000 2880 6000 2304 20400 86400 7600 480
	H.1 H.2 H.3 H.4 H.5 H.6 H.7 H.8 H.9	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 25 x 25 MM CABLE TRAY 25 x 25 MM CABLE TRAY 25 MM GI CONDUIT 20 MM PVC CONDUIT 25 MM PVC CONDUIT 25 MM PVC CONDUIT 25 MM PVC CONDUIT 26 MM PVC CONDUIT 27 MM PVC CONDUIT 28 With 30 Minute Back-up with SMF Battery Bank + Battery Stand. 27 CCTV SYSTEM Supply, Installation, Testing & Commissioning of CCTV System with required cabling through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with CCTV console / DVR, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr.	50 6 15 9 30 450 50	1300 600 500 320 850 240 190 60	65000 3600 7500 2880 25500 108000 9500 600	80% 80% 80% 80% 80% 80% 80% 80%	52000 2880 6000 2304 20400 86400 7600 480
	H.1 H.2 H.3 H.4 H.5 H.6 H.7 H.8 H.9 J J.1	450 x 25 MM CABLE TRAY 300 x 25 MM CABLE TRAY 150 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 100 x 25 MM CABLE TRAY 100 x 50 MM CABLE TRAY 25 MM GI CONDUIT 20 MM PVC CONDUIT 25 MM PVC CONDUIT 25 MM PVC CONDUIT UPS SYSTEM Supply, Installation, Testing & Commisioning of 2KVA Single phase UPS with 30 Minute Back-up with SMF Battery Bank + Battery Stand. CCTV SYSTEM Supply, Installation, Testing & Commissioning of CCTV System with required cabling through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with CCTV console / DVR, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension. CCTV Dome Camera, 4 Megapixel / As approved or confirmed by client, Real Day / Night, Exir, IR LED, IP 67, with all neccessary accessories, Power supply units etc.	Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr. Mtr.	50 6 15 9 30 450 50 10	1300 600 500 320 850 240 190 60 75000	65000 3600 7500 2880 25500 108000 9500 600 75000	80% 80% 80% 80% 80% 80% 80%	52000 2880 6000 2304 20400 86400 7600 480 60000



K	DATA NETWORK SYSTEM						
K.1	Supply, Installation, Testing & Commissioning of Data & Telephone Network System with required cabling through suitable size GI Conduit / Heavy Duty PVC Conduit / GI Trunking (Containment size & Type selection as per site requirement), complete with suitable GI Back boxes, Earthing, accessories, flexible conduits, glands, saddles, supports, ropes for future wire pulling, Labeling of wires etc. with Termination of the same with IDF Rack, etc. carrying out Surface / Concealed wiring as per site condition & maintain aesthetic of the unit. Make / Brand selection as per Airport TDM listed / by Client. The rate shall include wall chasing, chipping of floors, rough plastering, providing suitable supports / brackets for conduit and Trunking suspension.						
K.1.1	Dual Data outlet (RJ45) Jack	Nos.	3	540	1620	80%	1296
K.1.4	Telephone (RJ11)+ Data outlet (RJ45)	No.	1	540	540	80%	432
K.1.5	Wifi Router Data Outlet	No.	1	12000	12000	80%	9600
K.1.3	Patch Cords (1.5 meters length)	Nos.	8	300	2400	80%	1920
K.1.6	IDF Rack with all necesssary accessories & power distributio	No.	1	16000	16000	80%	12800
K.1.1	CAT 6 Cable	Mtr.	300	80	24000	80%	19200
	GRAND TOTAL NET				1670770		1336616

