



# Electech Enterprises

ELECTRICAL CONTRACTOR & ENGINEERS

Office : Shop No. 3, Kailash Shopping Centre, Netaji Nagar, 90ft Road, Sakinaka, Mumbai - 400 072

Tel : +91-22-28528799 Email : info@electechenterprises.net / alam@electechenterprises.net

## TAX INVOICE

### 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

Tax Invoice No: 29

Tax Invoice Date: 10-09-2024

### BILL TO

Travel Food Services Private Limited  
New Terminal 1, Indira Gandhi Intl. Airport,  
Domestic Departure Sha, Mehram Nagar,  
New Delhi-110037

GSTIN:- 07AADCB2762L2ZJ

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

Work Order Date: 31-01-2024

Project:- DEL BUDWEISER BAR

SL No	DESCRIPTION	SAC CODE	BOQ Amt (INR)
1	ELECTRICAL WORK AS PER ANNEXURE LESS:- RA INVOICE NO 4 DATED 2ND MAY 2024 NET AMOUNT ADD:- Interstate GST @ 18% on Basic Value LESS:- Round off Total Invoice Value	995461	14,93,537.50 13,36,616.12 1,56,921.38 28,245.85 0.23 1,85,167.00

### Amount in words

ONE LAKH EIGHTY FIVE THOUSAND ONE HUNDRED AND SIXTY SEVEN ONLY

### Bank Details to make payment

Account Name : Electech Enterprises  
Account No : 741010200001175  
Bank Name : Axis Bank Ltd  
Branch Name : Saki Vihar  
IFSC Code : UTIB0000741

For M/s. Electech Enterprises



(Authorised Signatory)

## BILL OF QUANTITIES AND ESTIMATE

PROJECT: BUDWEISER BAR_DELHI AIRPORT		DATE: 21-12-2023			
ELECTRICAL SERVICES, CCTV & DATA - WORKS BILL OF QUANTITIES AND ESTIMATE		REV: R1			
		STATUS: TENDER			
ITEM CODE	ITEM NAME	UOM	QTY	UNIT COST	AMOUNT
<b>A INCOMER ISOLATOR / MCCB PANEL</b>					
A.1	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.				
A.1.1	250A ISOLATOR / MCCB PANEL	No.	1	42000	42000
<b>B METER / METER PANEL</b>					
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	250A/5A PREPAID ENERGY METER (CT Type)	No.			
<b>C LV CABLING</b>					
C.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.	8	3775	30200
C.1.2	4C x 35 MM2	Mtr.	18	1785	32130
C.1.3	4C x 16 MM2	Mtr.	11	1050	11550
C.1.4	4C x 6 MM2	Mtr.	27	580	15660
C.1.5	4C x 4 MM2	Mtr.	131	495	64845
C.1.6	2C x 4 MM2	Mtr.		280	0
<b>D DISTRIBUTION BOARDS</b>					
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).				
<b>SMDB</b>					
D.1.1	8 Way TPN Panel Board with 250A TP MCCB incomer and 8 Nos. outgoing as per SLD & Load Calculation Sheet complete with Starter Panels. Make / Brand selection as per Airport TDM listed.	No.	1	335000	335000



	<b>LPDB</b>				
D.1.2	16Way TPN Panel Board with 125A TPN Isolator incomer, 2 Nos. RCBO Sections and outgoing as per SLD & Load Calculation Sheet. Make / Brand selection as per Airport TDM listed.	No.	1	34000	34000
	<b>UPS DB</b>				
D.1.3	6 Way SPN Panel Board with 20A 2P RCBO incomer and outgoing as per SLD & Load Calculation Sheet. Make / Brand selection as per Airport TDM listed.	No.	1	11000	11000
<b>E</b>	<b>CIRCUIT MAINS &amp; EARTH</b>				
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.	16	750	12000
E.1.2	1C x 16 MM2	Mtr.	18	190	3420
E.1.3	2R X 6 SQ MM+1R X 4 SQ MM FRLSH WIRES	Mtr.	43	280	12040
E.1.4	2R X 4 SQ MM+1R X 2.5 SQ MM FRLSH WIRES	Mtr.	696.5	165	114922.5
E.1.5	2R X 2.5 SQ MM+1R X 1.5 SQ MM FRLSH WIRES	Mtr.	168	135	22680
E.1.6	2R X 1.5 SQ MM+1R X 1.5 SQ MM FRLSH WIRES	Mtr.		95	0
<b>F</b>	<b>LIGHT FIXTURES POINT WIRING</b>				
F.1	Supply, Installation, Testing & Commissioning of Light 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	Nos.	74	2000	148000
F.1.2	Designer Hanging LED Light (Point Wiring only)	No.		3500	0
F.1.3	Hanging LED Display (Point Wiring only)	No.	1	3500	3500
F.1.4	600 x 600mm LED Panel Light (Point Wiring only)	Nos.	11	2500	27500
F.1.5	Exit Light (Wall / Ceiling Mounted) (Point Wiring only)	Nos.	4	2500	10000



F.1.6	Lighting Control Switch board with switches as require	Nos.	3	2100	6300
<b>G</b>	<b>WIRING DEVICES (SWITCHES &amp; SOCKETS)</b>				
G.1	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.				
G.1.1	13A SINGLE SWITCHED SOCKET OUTLET	Nos.	18	750	13500
G.1.2	13A SINGLE UNSWITCHED SOCKET OUTLET	Nos.	13	800	10400
G.1.3	13A SINGLE UNSWITCHED SOCKET OUTLET (FLOOR BOX)	No.		750	0
G.1.4	13A SINGLE SWITCHED UNIVERSAL SOCKET OUTLET + USB PORT	Nos.		2800	0
G.1.5	13A DUAL SWITCHED SOCKET OUTLET	Nos.	19	1400	26600
G.1.6	20A SINGLE SWITCHED SOCKET OUTLET	Nos.		900	0
G.1.7	25A SINGLE SWITCHED SOCKET OUTLET	No.		950	0
G.1.8	16A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN)	Nos.		2600	0
G.1.9	20A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN)	Nos.	17	2800	47600
G.1.10	32A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN)	Nos.		2900	0
G.1.11	32A THREE PHASE INDUSTRIAL SWITCHED SOCKET (5 PIN)	Nos.	3	12000	36000
G.1.12	63A THREE PHASE INDUSTRIAL SWITCHED SOCKET (5 PIN)	No.		12500	0
G.1.13	20A DOUBLE POLE SWITCH WITH NEON INDICATOR	No.		950	0
G.1.14	20A SINGLE UNSWITCHED SOCKET OUTLET	No.		800	0
G.1.15	16A SINGLE PHASE INDICATOR	Nos.		600	0
G.1.16	20A THREE PHASE INDICATOR	Nos.		900	0
<b>H</b>	<b>CONTAINMENT (CABLE TRAY, TRUNKING, CONDUITS)</b>				
H.1	Supply & Installation of GI Cable Tray, GI Cable Trunking, GI / Heavy Duty PVC conduits through wall / ceiling / floor as per drawings, complete with standard accessories / factory made fittings, earthing throughout the run with copper braids, wall / ceiling suspended supports, etc. Make / Brand selection as per Airport TDM listed / by Client.				
H.1	450 x 25 MM CABLE TRAY	Mtr.		1600	0
H.2	300 x 25 MM CABLE TRAY	Mtr.	30	1300	39000
H.3	150 x 25 MM CABLE TRAY	Mtr.		600	0
H.4	100 x 25 MM CABLE TRAY	Mtr.		500	0
H.5	50 x 25 MM CABLE TRAY	Mtr.		320	0
H.6	100 x 50 MM CABLE TRUNKING	Mtr.	8.2	850	6970
H.7	25 MM GI CONDUIT	Mtr.	358	240	85920
H.8	20 MM PVC CONDUIT	Mtr.		190	0
H.9	25 MM PVC CONDUIT	Mtr.		60	0



<b>I UPS SYSTEM</b>					
I.1	Supply, Installation, Testing & Commissioning of 2KVA Single phase UPS with 30 Minute Back-up with SMF Battery Bank + Battery Stand.	No.	1	75000	75000
<b>J CCTV SYSTEM</b>					
J.1	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.				
J.1.1	CCTV Dome Camera, 4 Megapixel / As approved or confirmed by client, Real Day / Night, Exir, IR LED, IP 67, with all necessary accessories, Power supply units etc.	Nos.	11	8500	93500
J.1.2	DVR with 45 Days Back-up	No.	1	48000	48000
J.1.3	4+1 CCTV Cable	Mtr.	190	110	20900
<b>K DATA NETWORK SYSTEM</b>					
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.	18	540	9720
K.1.4	Telephone (RJ11)+ Data outlet (RJ45)	No.		540	0
K.1.5	Wifi Router Data Outlet	No.		12000	0
K.1.3	Patch Cords (1.5 meters length)	Nos.		300	0
K.1.6	IDF Rack with all necessary accessories & power distr	No.	1	16000	16000
K.1.1	CAT 6 Cable	Mtr.	346	80	27680
<b>GRAND TOTAL NET</b>					<b>1493537.5</b>

