



Electech Enterprises

ELECTRICAL CONTRACTOR & ENGINEERS

Reg. Office :
Shop No. 2, Pathak Niwas, Raju Nagar,
Kherani Road, Sakinaka, Mumbai - 400 072.
Office : Shop No. 3, Kailash Shopping Centre,
Netaji Nagar, 90 Feet Road,
Sakinaka, Mumbai - 400 072
E-mail : info@electechenterprises.net
alam@electechenterprises.net

1st RUNNING BILL

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

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

31-01-2024

Date:

Project:-

DEL BUDWEISER BAR

SL No	DESCRIPTION	SAC CODE	BOQ Amt (INR)
1	ELECTRICAL WORK AS PER ANNEXURE	995461	13,36,616.00

Amount in words

THIRTEEN LAKHS THIRTY SIX THOUSAND SIX HUNDRED AND SIXTEEN ONLY

For M/s. Electech Enterprises

Bank Details to make payment

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



(Authorised Signatory)

[Signature]
01/05/24

[Signature]
01/05/24

PROJECT: BUDWEISER BAR, DELHI AIRPORT		BILL OF QUANTITIES AND ESTIMATE						
ELECTRICAL SERVICES, CCTV & DATA - WORKS BILL OF QUANTITIES AND ESTIMATE				DATE:	21-12-2023			
				REV:	R1			
ITEM CODE	ITEM NAME	UOM	QTY	UNIT COST	TENDER	AMOUNT	PERCENTAGE	AMOUNT
A	INCOMER ISOLATOR / MCCB PANEL							
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.							
A1.1	250A ISOLATOR / MCCB PANEL	No.	1	42000		42000	80%	33600
B	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	250A/5A PREPAID ENERGY METER (CT Type)	No.	1					
C	LV CABLING							
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.	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	2C x 4 MM2	Mtr.	100	280		28000	80%	22400
D	DISTRIBUTION BOARDS							
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 Hpl / 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. outgoing as per SLD & Load Calculation Sheet complete with Starter Panels. Make / Brand selection as per Airport TDM listed.	No.	1	335000		335000	80%	268000
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	80%	27200
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	80%	8800



Timeline :

E CIRCUIT MAINS & EARTH							
E.1	Supply, Installation, Testing & Commissioning of Sub / 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 MM ²						
E.1.2	1C x 16 MM ²	Mtr.	12	750	9000	80%	7200
E.1.3	2R X 6 SQ MM+1R X 4 SQ MM FRLSH WIRES	Mtr.	22	190	4180	80%	3344
E.1.4	2R X 4 SQ MM+1R X 2.5 SQ MM FRLSH WIRES	Mtr.	80	280	22400	80%	17920
E.1.5	2R X 2.5 SQ MM+1R X 1.5 SQ MM FRLSH WIRES	Mtr.	600	165	99000	80%	79200
E.1.6	2R X 1.5 SQ MM+1R X 1.5 SQ MM FRLSH WIRES	Mtr.	300	135	40500	80%	32400
F LIGHT FIXTURES POINT WIRING							
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 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	3500	3500	80%	2800
F.1.4	600 x 600mm LED Panel Light (Point Wiring only)	Nos.	13	2500	32500	80%	26000
F.1.5	Exit Light (Wall / Ceiling Mounted) (Point Wiring only)	Nos.	6	2500	15000	80%	12000
F.1.6	Lighting Control Switch board with switches as required (Po	Nos.	3	2100	6300	80%	5040
G WIRING DEVICES (SWITCHES & SOCKETS)							
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.	24	750	18000	80%	14400
G.1.2	13A SINGLE UNSWITCHED SOCKET OUTLET	Nos.	13	800	10400	80%	8320
G.1.3	13A SINGLE UNSWITCHED SOCKET OUTLET (FLOOR BOX)	No.	1	750	750	80%	600
G.1.4	13A SINGLE SWITCHED UNIVERSAL SOCKET OUTLET + USB PORT	Nos.	8	2800	22400	80%	17920
G.1.5	13A DUAL SWITCHED SOCKET OUTLET	Nos.	2	1400	2800	80%	2240
G.1.6	20A SINGLE SWITCHED SOCKET OUTLET	Nos.	6	900	5400	80%	4320
G.1.7	25A SINGLE SWITCHED SOCKET OUTLET	No.	1	950	950	80%	760
G.1.8	16A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN)	Nos.	8	2600	20800	80%	16640
G.1.9	20A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN)	Nos.	9	2800	25200	80%	20160
G.1.10	32A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET (3 PIN)	Nos.	2	2900	5800	80%	4640
G.1.11	32A THREE PHASE INDUSTRIAL SWITCHED SOCKET (5 PIN)	Nos.	2	12000	24000	80%	19200
G.1.12	63A THREE PHASE INDUSTRIAL SWITCHED SOCKET (5 PIN)	No.	1	12500	12500	80%	10000
G.1.13	20A DOUBLE POLE SWITCH WITH NEON INDICATOR	No.	1	950	950	80%	760
G.1.14	20A SINGLE UNSWITCHED SOCKET OUTLET	No.	1	800	800	80%	640
G.1.15	16A SINGLE PHASE INDICATOR	Nos.	3	600	1800	80%	1440
G.1.16	20A THREE PHASE INDICATOR	Nos.	2	900	1800	80%	1440
H	CONTAINMENT (CABLE TRAY, TRUNKING, CONDUITS)						
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.	6	1600	9600	80%	7680
H.2	300 x 25 MM CABLE TRAY	Mtr.	50	1300	65000	80%	52000
H.3	150 x 25 MM CABLE TRAY	Mtr.	6	600	3600	80%	2880
H.4	100 x 25 MM CABLE TRAY	Mtr.	15	500	7500	80%	6000
H.5	50 x 25 MM CABLE TRAY	Mtr.	9	320	2880	80%	2304
H.6	100 x 50 MM CABLE TRUNKING	Mtr.	30	850	25500	80%	20400
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%	480
I	UPS SYSTEM						
I.1	Supply, Installation, Testing & Commissioning of 2KVA Single phase UPS with 30 Minute Back-up with SMF Battery Bank + Battery Stand.						
I.1		No.	1	75000	75000	80%	60000
J	CCTV SYSTEM						
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, Labelling 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, Exlr, IR LED, IP 67, with all necessary 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
J.1.3	4+1 CCTV Cable	Mtr.	300	110	33000	80%	26400



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)	No.	8	300	2400	80%	1920
K.1.6	IDF Rack with all necessary accessories & power distribution	No.	1	16000	16000	80%	12800
K.1.1	CAT 6 Cable	Mtr.	300	80	24000	80%	19200
GRAND TOTAL NET					1670770		1336616



Purchase Order

Order Number : TF SPL/PO/23-24/000127
Supplier Code : RV232412099 [V0000278]

Supplier Detail Electech Enterprises	Shipped Location Delhi	Invoice Location Delhi	Corporate Address TRAVEL FOOD SERVICES PRIVATE LIMITED
Shop No.2, Pathak Chawal, Raju Nagar, Kherani Road, Sakinaka, India Order Address Code :	New Terminal 1, Indira Gandhi International Airport, Domestic Departure SHA, Mehram Nagar, New Delhi, New Delhi, Delhi, 110037	New Terminal 1, Indira Gandhi International Airport, Domestic Departure Sha, Mehram Nagar, New Delhi, New Delhi, Delhi, 110037 GSTIN No : 07AADCB2762L2ZJ	1St Floor, Block A South Wing, Shiv Sagar Estate, Dr. Annie Besant Road, Worli, Mumbai Suburban, Maharashtra, 400018 Comp GST No : 21AADCB2762L1ZU
PAN No : ASWPK3288N Supplier GST No : 27ASWPK3288N1ZN Supplier Contact No : Contact Person Name : Supplier Email : alam@electechenterprises.net	Cost Center Code : 90192013 Cost Center Name : DEL Budweiser Bar Project ID : PO Category : Capex NSO	Payment Term : Advance Payment - 50% along with work order. RA BILL - Up to 95% after work completion & submission of invoice. Retention 5% DLP till completion of 6 months.	PO Creation Date : 15/01/2024 PO Approval Date : 31/01/2024 PO Currency : INR Buyer Name : Jogeswar Sahu

Sr.No	Item Code	HSNISAC Code	Item Name	Item Description	Pur. Grp.	Qty	UOM	Basic Rate	Dis%	Net Rate	Total Amount	IGST %	Gross Total Amount
1		85361010	PR for Electrical for DEL Budweiser Bar	PR for Electrical for DEL Budweiser Bar	C01	1.00		1,670,770.00	0.00	1,670,770.00	1,670,770.00	18	1,971,508.60
Total Qty :						1.00							

Total Basic PO Amount	1,670,770.00
Total Other Charges	
IGST Amount	300,738.60
Grand Total PO Amount	1,971,508.60

Amount In Words : Rupees Nineteen Lakh Seventy One Thousand Five Hundred Eight And Sixty Paise Only

Remarks :
Standard Terms And Condition :
Completion / Delivery TimeLine :
Mobilization Date :
Defects Liability Period :
Retention Percentage : 5