



आइ. एस. ओ प्रमाणित एयरपोर्ट
ISO CERTIFIED AIRPORT

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

No.AAI/TVM/ENGG(E)/AGME(E)/JVMU/2021-21/42

Date: 10.12.2021

M/s.Linsta Services
2nd Floor,Pappootty Complex
Opp HP Pump,Vazhakulam,
Muvattupuzha-686 670.

Name of Work: "Modification of Residential Quarters for Temporary JVMU Office at Trivandrum International Airport".

Ref. E-Tender No. 2019_AAI_94340_1 opened on 29.11.2021

Dear Sir(s),

1. Your e-tender for the above mentioned work is hereby accepted on behalf of the Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs.5,13,860/-** (Rupees Five Lakhs Thirteen Thousand Eight Hundred Sixty Only) excluding GST which is 3.13% below the estimated cost of **Rs.5,30,475/-** (Rupees Five Lakhs Thirty Thousand Four Hundred and Seventy Five Only) excluding GST.
2. Jt. General Manager Engg.(E), Airports Authority of India, Trivandrum International Airport, Thiruvananthapuram-695 008 shall be the Engineer-in-Charge of the work. You are requested to attend the office of the Jt. General Manager Engg(E), Airports Authority of India, Trivandrum International Airport, Thiruvananthapuram. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.200/- (Rupees Two Hundred only) and the cost of the stamp paper shall be borne by you.
3. Please deposit Rs.51,386/- (Rupees Fifty One Thousand Three Hundred Eighty Six Only) towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted as per condition of Clause 1A on page 16 of the contract document.
4. You are requested to comply with the provision of Contract Labour (Regulation and Abolition) Act 1970 and Contract Labour (Regulation and Abolition) Central rules 1971 and Minimum Wages Act and Rules thereof Central and State Governments.
5. You are directed to contact the Junior Executive Engg (Elect), AAI, Trivandrum Airport immediately who will arrange to handover the site to you.

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6. Please note that the period for carrying out the work shall be **02 (Two) Months** and it shall be reckoned from the date of issue of this Letter. You are requested to start the work as per Schedule of work attached.
7. You are requested to submit valid GST invoice as per GST act mentioning the GSTIN, indicating the GST rates applicable and input tax credit details if any for processing the bills. AAI Trivandrum GST No. 32AAACA6412D1ZH.
8. The agency is responsible for arranging Airport Entry Permit (AEP) for their staff and submit all relevant documents/undergo training as per prevailing rules of Airport Security Division for obtaining AEP.
9. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-Charge.
10. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.

All other terms and conditions shall be as per NIT and Particular Specifications of contract.

Yours faithfully,

Sree Kumari J
10.12.2021

(SREEKUMARI J)
Jt. General Manager (Engg – Electrical)-II
for and on behalf of the Chairman,
Airports Authority of India

Encl: Schedule of work

AIRPORTS AUTHORITY OF INDIA
TRIVANDRUM INTERNATIONAL AIRPORT
SCHEDULE OF WORK

Name of Work : Modification of Residential Quarters for Temporary JVMU Office at Trivandrum International Airport. SH: Electrical Works

Sl. No.	Description	Unit	Qty	Rate	Amount
A	WIRING				
1	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing including termination with copper thimbles of suitable size etc. as required.	Metre	200	210.00	42000
2	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit including termination with copper thimbles of suitable size etc. as required.				
2.1	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Metre	25	210.00	5250
2.2	2 X 6 sq. mm + 1 X 6 sq. mm earth wire		5	300.00	1500
2.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	Metre	25	420.00	10500
2.4	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Metre	5	500.00	2500
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit including termination with copper thimbles of suitable size etc. as required.				
3.1	3 x 1.5 sq. mm	Metre	100	85.00	8500
3.2	3 x 2.5 sq. mm	Metre	225	110.00	24750
3.3	6 x 2.5 sq. mm	Metre	100	200.00	20000
4	Supplying of 3 x 1.5 Sq.mm PVC insulated flexible FR copper cable, in the existing PVC conduit/HDPE pipe including termination with copper thimbles of suitable size etc. as required.	Metre	30	170.00	5100
5	Supplying and fixing of 25 mm medium class PVC conduit along with accessories in surface/recess including providing junction boxes at all diversion/bends etc. cutting the wall and making good the same in case of recessed conduit etc. as required.	Metre	420	100.00	42000

Sl. No.	Description	Unit	Qty	Rate	Amount
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
6.1	5/6 A switch	Each	12	110.00	1320
6.2	15/16 A switch	Each	15	150.00	2250
6.3	3 pin 5/6 A socket outlet	Each	12	140.00	1680
6.4	6 pin 15/16 A socket outlet	Each	15	200.00	3000
6.5	Telephone socket outlet	Each	12	200.00	2400
6.6	Bell push	Each	2	110.00	220
7	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	6	30.00	180
8	Supplying and fixing following size/ modules, PVC box along with modular base & cover plate for modular switches in recess etc. as required.				
8.1	2 Module	Each	39	220.00	8580
8.2	3 Module	Each	15	250.00	3750
9	Supplying and fixing suitable size PVC box with modular plate and cover in front on surface or in recess, including providing and fixing 3 Nos 3 pin 5/6 amps modular socket outlet and controlled by 2 No. 5/6 amps modular switch, connection, etc. as required.	Each	24	900.00	21600
B	MCCB,MCB & DB's				
10	Supplying and fixing 12 way, Double door, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)	Each	1	2500.00	2500
11	Supplying and fixing 4 way(8+12), Double door, Horizontal Type Three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)	Each	1	4500.00	4500
12	Supplying and fixing of 63 Amps 4 Way, sheet steel, Bus Bar Chamber, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, powder painted including earthing etc. as required.(Havells Optima series or equivalent)	Each	2	9500.00	19000

Sl. No.	Description	Unit	Qty	Rate	Amount
13	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
13.1	single pole, 240V, 10 kA,	Each	14	250.00	3500
13.2	Double pole, 240V, 10 kA,	Each	1	780.00	780
13.3	Four Pole, 415 V, 10 kA,	Each	1	1800.00	1800
14	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	10	30.00	300
C	LIGHT AND FAN FITTINGS				
15	Supply of surface mounted LED 2 ft batten with extruded powder coated aluminium channel with polycarbonate diffusers. Lighting system comprising of LED of approved make . It has a system level lumen of minimum 900 lumens with luminaire efficacy of not less than 95 lm/W current output driver, operating range 140V – 270V, 50Hz AC supply, CCT of 5700K - 6500K with PF>0.90 and THD must be <10% .The luminaire is IP 20 protected	Each	7	750.00	5250
16	Supply of surface mounted LED 4 ft batten with extruded powder coated aluminium channel with polycarbonate diffusers. Lighting system comprising of LED of approved make . It has a system level lumen of minimum 1800 lumens with luminaire efficacy of not less than 95 lm/W current output driver, operating range 140V – 270V, 50Hz AC supply, CCT of 5700K - 6500K with PF>0.90 and THD must be <10% .The luminaire is IP 20 protected	Each	32	800.00	25600
17	Supply of LED Street light luminaires with pressure die-cast aluminium housing with Polycarbonate cover and lense embedded PC. Lighting system comprising of LED of approved make . It has a system level lumen of minimum 2300 lumens with luminaire efficacy of not less than 95 lm/W current output driver, operating range 140V – 270V, 50Hz AC supply, CCT of 5700K - 6500K with PF>0.90 and THD must be <10% .The luminaire is IP 65 or above protected	Each	9	1900.00	17100
18	Supply of LED Post Top luminaires with pressure die-cast aluminium housing comprising of LED of approved make . It has a system level lumen of minimum 2250 lumens with luminaire efficacy of not less than 85 lm/W current output driver, operating range 140V – 270V, 50Hz AC supply, CCT of 5700K - 6500K with PF>0.90 .The luminaire is IP 65 or above protected	Each	2	9500.00	19000

Sl. No.	Description	Unit	Qty	Rate	Amount
19	Installation, testing and commissioning of LED fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	36	200.00	7200
D	CABLE AND HDPE LAYING				
20	laying of HDPE pipe of all sizes and types complete with all accessories like socket, bend couplers etc, cutting, jointing etc..direct in ground (80 cm below ground level and 1.0 Mtr below pavement wherever road crossing/proposed road crossing) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.	Metre	30	400.00	12000
21	Laying of 3 x 1.5 Sq.mm Flexible copper conductor of 1.1kV grade of following size in the existing RCC/ HUME/METAL pipe/HDPE pipe/CULVERT/STONE WARE including termination with copper lugs at termination points, etc as required.	Metre	30	50.00	1500
E	SPLIT AIR CONDITIONERS & WATER COOLERS				
22	Supply of 1.0 Ton single phase 5 star Invertor Split type Air conditioner of High wall mounting type consisting of non-ductable single room evaporator unit (copper coil) with cordless remote control and one number outdoor condenser unit comprising of sealed compressor and copper conductor tube conforming to IS 1391 (part -2) with up to date amendments suitable for operation on 230V, 50Hz. AC supply capable of performing (a) cooling (b) dehumidifying (c) Air -Circulating (d) filtering, comprising of the following including first charge of refrigerant as required. The unit shall be Auto-restart type without changing of existing setting etc. (i) 1" PVC drain pipe or as per OEM Specification (ii) 1/4" dia insulated copper pipe for liquid line or as per OEM Specification (iii) 1/2" insulated copper pipe for suction or as per OEM Specification (iv) 3Core x 4 sq.mm PVC insulated, PVC sheathed unarmoured multi strand copper cable or as per OEM Specification (v) Rigid PVC pipe / PVC Trunking of suitable size for covering the refrigerant line& drain line in (i),(ii), (iii) and (iv) above (vi) Angle Iron Stand for Outdoor unit (Rate quoted shall be inclusive of standard interconnection copper pipe lines, cabling of maximum 3 meters)	Each	2	51500.00	103000

Sl. No.	Description	Unit	Qty	Rate	Amount
23	Installation, testing and commissioning of 5 star single phase 1.0 Ton split air conditioner of high wall mounting type including fixing the condenser on a raised stand or suitable outdoor wall mounted stands with suitable iron angle/structure duly painted as per site requirement and fixing of evaporator unit including providing and making inter connections between evaporator unit and condenser unit up to a length of 3 mtrs etc. as required.	Each	2	3500.00	7000
24	Supply and Fixing of following for interconnections between evaporator unit and condensing unit (extra length), as required for 1.0 ton Split type AC units i) 1" Drain pipe PVC pipe or as per OEM Specification ii) 1/4" dia insulated copper pipe for liquid line or as per OEM Specification iii) 1/2" insulated copper pipe for suction or as per OEM Specification iv) PVC insulated, PVC sheathed unarmoured multi strand copper cable as per OEM Specification v) Rigid PVC Trunking of suitable size for covering the refrigerant line & drain line in (i), (ii), (iii) and (iv) above. The drain line shall be in PVC trunking inside the rooms and for outside, it shall be neatly clamped till plinth with U trap.	Metre	5	1350.00	6750
25	Supply of 4 KVA Voltage stabilizer wall mounting type suitable for 1.0 ton split / window A/C units with input volt range 170V to 270 V & output 220 $\pm$ 10% etc., as required	Each	2	3500.00	7000
26	Supply of Water purifier cum Dispenser unit with 3 faucets for Normal. Hot and Cold water output with minimum 20 Ltr storage for normal, 4 Ltrs storage for Hot and 20 Ltrs storage for Cold with Sainless steel body including UV purification suitable to operate at 230V, 50 Hz AC supply.(Conway P100 NHC or equivalent)	Each	2	31500.00	63000
Total of SH: A to E					<u>513860.00</u>

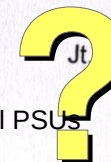
(Rupees Five Lakhs Thirteen Thousand Eight Hundred and Sixty Only)

Signature Not Verified

Digitally signed by ROJI RAVINDRAN

Date: 2021.12.13 14:28:33 IST

Location: eProcurement System for Central PSUs



Bochumai
10.12.2021

Jt General Manager Engg(E)