



आइ. एस. ओ प्रमाणित एयरपोर्ट
ISO CERTIFIED AIRPORT

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

No.AAI/ENGG(E)/AMED-1/09/2020-21/ 456

June 9, 2020

M/s Shantha Electricals & Engineers Pvt. Ltd.,
Sri Prabha Building, Opp. SMSP Complex,
Udupi - 576 101
Email : info@shanthaelectricals.com

Sub : Civil Infrastructure Works for Examination-cum-Evaluation Room and Record Room at ATS Complex, Trivandrum Airport. SH: Electrical Works.

Ref : Your Bid for E-tender No 2020_AAI_43163 opened on 20.03.2020
Your Negotiation Letter email dated 05.04.2020

Dear Sir(s),

1. Your negotiated 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. 5,78,398/- (Rupees Five Lakh Seventy Eight Thousand Three Hundred and Ninety Eight Only)** excluding GST which is 03.2 % above the estimated cost of **Rs. 5,60,259/-**.
2. Jt.General Manager Engg.(E)-II, 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)-II, Airports Authority of India, Trivandrum International Airport, Thiruvananthapuram, by 22/06/2020 to sign and complete the contract agreement. 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. Your negotiation letter email dated 05.04.2020 shall also form part of the agreement.
3. The earnest money amount of **Rs. 11,205/-** (Rupees Eleven Thousand Two Hundred and Five Only) received along with your tender vide DD No. 706536 dt: 28.02.2020 will be treated and converted as part of security deposit as per clause No.1A on page 16 of contract document. Please deposit Rs. 46,635/- (Rupees Forty Six Thousand Six Hundred and Thirty Five 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 No 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 Child Labour (Prohibition & Regulation) Act 1986, Construction Workers (Regulation of Employment and Condition of Service) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 19 on page No 49 of GCC of tender and rules of Central and State Governments.
5. You are also directed to contact the Assistant General Manager Engg (Elect), EMD-I, AAI, Trivandrum Airport immediately who will arrange to handover the site to you.
6. Please note that the time allowed for carrying out the work shall be **02 (Two) Months** and same shall be reckoned from the 10th day after issue of this Letter.

7. You have to submit **Contractor All Risk (CAR) Policy** in joint name of AAI and Contractor for the full tendered value along with third party liability (max of 10% of tendered value OR as applicable as per Insurance Regulatory Authority of India) and **Workmen Compensation policy (WC)** for the above subject work as per clause 46 of GCC before commencement of the work.
8. You are requested to submit a **Time and Progress Chart** for each mile stone and get it approved by the Engineer-in-charge as per clause No 5 of GCC with in 15 (fifteen) days of issue of this letter.
9. You are requested to submit valid GST invoice as per GST act mentioning the GSTIN, indicating the GST rates applicable and in put tax credit details if any for processing the bills. AAI Trivandrum GST No. 32AAACA6412D1ZH.
10. 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 BCAS and Airport Security Division for obtaining AEP.
11. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-Charge.
12. 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,

Sreekumar
9/6/2020

(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 AFTER NEGOTIATION

Name of Work : Civil Infrastructure Works for Examination-cum Evaluation Room and record room at ATS Complex, Trivandrum Trivandrum Airport. SH: Electrical Works.

Sl. No.	Description of Item	Unit	Qty.	Rate (Excl GST)	Amount (Excl GST)
	<u>SH I : INTERNAL ELECTRIFICATION WORKS</u>				
1	Supply of 18W,6500k LED recessed type slim fit Downlighter suitable for fixing on existing false ceiling (Make: BAJAJ Model: BPSLR 18W / Make: Havells Model: EDGEPROSQDLR18WLED840S or its equivalent as approved by E.I.C.)	Each	50.00	1450.00	72500.00
2	Supply of 400mm, 1200 rpm wall mounted fan suitable for operation on 220V, 50Hz, single Phase AC Supply with all accessories etc. including all fixing accessories as required.	Each	8.00	2430.00	19440.00
3	Modification of existing chamber of LT panel in Technical block by drilling suitable holes in the cubicle panel ,providing and fixing of suitable Aluminium busbars to the extend of existing busbar etc. including providing & fixing of 100A, 4P capacity MCCB with thermomagnetic release and terminal spreaders , making connections with all accessories etc. as required.	Job	1.00	21360.00	21360.00
4	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. [Group C]	Point	20.00	825.00	16500.00
5	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required				
(a)	2 x 1.5 sq. mm + 1 x 1.5 sq. mm earth wire	Meter	200.00	85.00	17000.00
(b)	2 x 2.5 sq. mm + 1 x 2.5 sq. mm earth wire	Meter	250.00	110.00	27500.00
(c)	2 x 4 sq. mm + 1 x 4 sq. mm earth wire	Meter	200.00	145.00	29000.00

6	Supplying and fixing of following sizes of PVC conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.				
(a)	20mm	Meter	150.00	50.00	7500.00
(b)	25mm	Meter	50.00	60.00	3000.00
7	Supply and fixing of following sizes of PVC casing and capping along with accessories in surface as reqd.				
(a)	20 mm x 10 mm	Meter	150.00	65.00	9750.00
(b)	25 mm x 10 mm	Meter	50.00	75.00	3750.00
8	Supplying and drawing following core and sizes of PVC insulated flexible FRLS copper cable, in the existing surface/ recessed steel/ PVC conduit /Casing & Capping etc. as required.				
(a)	3 x 1.5 sq. mm	Meter	150.00	85.00	12750.00
(b)	2 x 1.5 sq. mm	Meter	75.00	75.00	5625.00
(c)	3 x 2.5 sq. mm	Meter	75.00	110.00	8250.00
(d)	2 x 4 sq. mm	Meter	70.00	115.00	8050.00
9	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 5/6 amps modular socket outlets and 2 nos 5/6 amps modular switches, connection etc. as required.	Each	5.00	580.00	2900.00
10	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.				
(a)	2 Module	Each	8.00	225.00	1800.00
(b)	3 Module	Each	10.00	245.00	2450.00
(c)	4 Module	Each	3.00	260.00	780.00
(d)	8 Module	Each	2.00	350.00	700.00
11	Supplying and fixing following size/ modules, PVC box along with modular base & cover plate for modular switches in recess etc as required.				
(a)	2 Module	Each	5.00	105.00	525.00
(b)	3 Module	Each	5.00	130.00	650.00
(c)	4 Module	Each	3.00	175.00	525.00
(d)	6 Module	Each	1.00	195.00	195.00

12	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required				
(a)	5/6 amps switch	Each	50.00	85.00	4250.00
(b)	15/16 amp switch	Each	10.00	135.00	1350.00
(c)	3 pin 5/6 amp socket outlet	Each	22.00	115.00	2530.00
(d)	6 pin 15/16 amp socket outlet	Each	6.00	200.00	1200.00
13	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, 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)				
(a)	6 way TPN ,Double door , horizontal type DB	Job	1.00	4180.00	4180.00
14	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required				
(a)	Single pole	Job	18.00	160.00	2880.00
15	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required				
(a)	63 A , Four Pole Isolator	Job	1.00	1460.00	1460.00
16	Supply & laying of 50mm Dia GI pipe confirming to IS:1239 PART-1 (2004) along road/Concrete surface including cutting ,chiselling ,excavation and refilling trench and finishing road with 1:2:4 cement concrete of minimum 150mm thick (1cement: 2coarse sand : 4graded stone aggregate 40 mm nominal size)etc to level the road/concrete surface etc., complete as required.	Meter	50.00	535.00	26750.00
17	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size on wall surface/ False ceiling including cutting & finishing etc complete as required.				
(a)	Upto 35 sq. mm (clamped with 1mm thick saddle)	Meter	100.00	75.00	7500.00
18	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size in the existing masonry open duct/Trench as required.				
(a)	Upto 35 sq. mm	Meter	50.00	40.00	2000.00
19	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 kV grade of following size in the existing RCC/ HUME/ GI pipe as required.				
(a)	Upto 35 sq. mm	Meter	50.00	40.00	2000.00

20	Installation, testing and commissioning of LED fitting of all types, complete with all accessories on all type of false ceiling/Wall/Canopy , making connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, in flexible GI hose pipe from ceiling junction box/ connector to fitting with necessary check nuts/nipples,brackets/Clamps etc and earthing, including cutting and finishing of false ceiling etc. complete as required.	Each	50.00	195.00	9750.00
21	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
(a)	4c x 25 sq. mm	Job	2.00	245.00	490.00
22	Providing and laying of 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	Meter	400.00	50.00	20000.00
SH : II - AIR CONDITIONING					
23	Supply, Installation, Testing and Commissioning of High wall mounted Inverter type split air conditioning units having capacity of 1.5TR with ISEER 3.7 or above suitable for operation on 230V, 50Hz, single phase AC power supply complete with outdoor unit having copper condenser coil, standard length of refrigerant piping (minimum 3 mtrs) and drain pipe, suitable PVC insulated copper interconnection cable, 4KVA voltage stabilizer,Outdoor Stand, cordless remote control etc. complete as per specifications and as required.	Each	5.00	44000.00	220000.00
24	Extra for additional refrigerent piping for 1.5TR split AC along with power and control cable, insulation of pipe etc. as required.	Meter	30.00	885.00	26550.00
25	Providing and fixing additional drain piping of 3/4" dia PVC medium class for 1.5TR split AC unit etc. complete as required.	Meter	30.00	115.00	3450.00
				Total Rs.	6,08,840.00
				Total (Excluding GST)	6,08,840.00
				Less 5% discount	30,442.00
				Amount after Negotiation	5,78,398.00

(Rupees Five Lakh Seventy Eight Thousand Three Hundred and Ninety Eight Only)

Sreekumari
9/6/2020
(SREEKUMARI.J)
JT.GENERAL MANAGER (ENGG-ELECT)-II

Signature Not Verified

Digitally signed by PREMJI L
Date: 2020.06.11 17:12:13 IST
Location: eProcurement System for Central PSUs

