



AAI/TUT/E-E/TUT-103/2022-23/

दि:/Date 02.05.2023

सेवा में / To

M/s. Fairway Marine Services,
3/118G-1, Shanmugapuram,
Ayyanadaipu, Korampallam (P.O),
Tuticorin-628 004.

**विषय /Sub: "Construction of Police out - post building at Tuticorin
Airport. SH: Electrical Works."**

**Ref: Your e-tender (Tender ID : 2023_AAI_ 146455_1) opened
on 22.03.2023.**

महोदय / Dear Sir(s),

- 1) Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totalling to **Rs. 7,45,038.00 (Rupees Seven Lakh Forty Five Thousand and Thirty Eight Only)** plus applicable GST which is 17.48% below the justified cost of Rs.9,02,911.00. (Excluding GST).
- 2) Jt. General Manager (Engg-Elect.), Airports Authority of India, Tuticorin Airport, Tuticorin – 628 103, shall be the Engineer-in-charge of the work. You are requested to attend the Office of Jt. General Manager (Engg-Elect.), AAI, Tuticorin Airport by **10.05.2023** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs. 100.00 (Rupees One Hundred Only) and cost of the stamp paper shall be borne by you.
- 3) Please deposit Rs.74,504.00 (Rupees Seventy Four Thousand Five Hundred and Four 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 at Page No.16 of GCC 2017 contract document.

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विमानपत्तन निदेशक का कार्यालय भारतीय विमानपत्तन प्राधिकरण, तूत्तिकोरिन हवाई अड्डा,
तूत्तिकोरिन-628103

O/o The Airport Director, Airports Authority of India, Tuticorin Airport, Tuticorin – 628103
दूरभाष/TEL: 0461-2271863 फैक्स/FAX:0461-2271110 ई-मेल/E-mail: apd-tuticorin@aai.aero
वेबसाइट/Website: www.aai.aero



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- 4) You are requested to comply with the provisions of Contract Labour (Regulation and abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central Rules 1971, Child Labour (Prohibition and Regulation) and 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 No.19 on Page No.50 of GCC of tender and rules of Central and State Governments.
- 5) You are also directed to contact Asst. General Manager (Engg-Elect), AAI, Tuticorin Airport, immediately who will arrange to hand over the site to you.
- 6) Please note that the time allowed for carrying out the work shall be **03 Months** and the same shall be reckoned from 17.05.2023.
- 7) Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-Charge.
- 8) 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.
- 9) This work order is allotted the number **TUT-103** which shall be quoted by you for all future correspondence in connection with this work order.

Encl: Schedule of Quantities

भवदिय / Yours faithfully,


**Jt. General Manager (Engg-Elect.),
For and on behalf of the Chairman,
Airports Authority of India.**

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AIRPORTS AUTHORITY OF INDIA
TUTICORIN AIRPORT, TUTICORIN - 628 103
Schedule of Quantities

Name of work: Construction of Police out - post building at Tuticorin Airport. SH: Electrical Works.

Sl. No.	Description	Qty	Unit	Rate	Amount
1	Supply of 18W LED, 5700-6500K, (4 ft.) with LED lamp & batten for LED tube made of extruded aluminium/ poly carbonate housing with integrated electronic driver suitable for operation on 220V, 50 Hz AC supply etc.with minimum 3 years OEM warranty as required.	51	Each	398.00	20298.00
2	Supply of 1200 mm sweep energy efficient, with double ball bearing, standard down rod and other standard accessories etc without regulator suitable for operation on 230 V 50 Hz AC supply etc complete as required.	18	Each	1920.00	34560.00
3	Supply of 300 mm sweep heavy duty exhaust fan with minimum rated speed of 900 rpm suitable for mounting on wall for operation on 220V 50 Hz AC.	9	Each	3089.00	27801.00
4	Supply of 25 W LED street light fixtures suitable to operate on 240V, 50Hz, AC Supply housed in pressure Die-Cast/Extruded Aluminium Alloy/ Standard alloy with toughened glass, IP 66 protection, individual LEDs with secondary optics for obtaining maximum beam spread etc.with minimum 5 years OEM warranty complete as required. The Fixtures shall have separate compartment for LEDs & electronic driver, operating voltage 140-270 V with minimum Surge Protection of minimum 4KV.	10	Each	1737.00	17370.00
5	Supply of 7W LED lamp of IP 20, electronic driver with surge protection of minimum 2 kV, power factor > 0.95, operating voltage of 140- 270 V.	17	Each	97.00	1649.00
6	Supplying of following sizes of 1.1 KV grade, XLPE insulated, Aluminium conductor armoured Power Cable conforming to IS 7098 Part-I 1985 with up to date amendments complete as required as per specifications. 3.5 core, 35 sq.mm.	400	Metre	238.00	95200.00
7	Supply of water proof PVC insulated PVC sheathed copper conductor flat cable of 3 Core x 4.00 sq. mm of 1.1KV grade suitable for laying along with GI pipe for inter connecting submersible pump etc., complete as required.	120	Metre	166.00	19920.00
8	Supply of 50 mm dia B class GI pipe.	80	Metre	906.00	72480.00

9	Installation, testing and commissioning of 4 ft. 1 x 18/20W Indoor type LED Batten complete as required.	51	Job	50.00	2550.00
10	Installation, testing and commissioning of 1200 mm sweep ceiling fan, including wiring the down rods of standard length (up to 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	18	Job	90.00	1620.00
11	Installation, testing and commissioning of 300 mm sweep heavy duty exhaust fan including providing opening, including making good the damage, connection, testing, commissioning etc. as required.	9	Job	250.00	2250.00
12	Installation, testing and commissioning of 25 W LED street light fixtures without G.I bracket complete as required.	10	Job	50.00	500.00
13	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 PVC conduit as required. 2 x 1.5 sq.mm + 1 x 1.5 sq.mm earth wire	10	Metre	84.00	840.00
14	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 PVC conduit as required. 2 x 2.5 sq.mm + 1 x 2.5 sq.mm earth wire	10	Metre	105.00	1050.00
15	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 PVC conduit as required. 2 x 4 sq.mm + 1 x 4 sq.mm earth wire	10	Metre	164.00	1640.00
16	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc. , complete as required. 63 mm OD and 51 mm ID	420	Metre	456.00	191520.00
17	Laying of one number armoured XLPE insulated and PVC sheathed power cable of 1.1 KV grade of following size in the existing RCC/ HDPE / HUME / METAL pipe as required. Upto 35 sq.mm	420	Metre	35.00	14700.00
18	Laying of one number armoured XLPE insulated and PVC sheathed power cable of 1.1 KV grade of following size on wall surface as required. Upto 35 sq.mm	30	Metre	35.00	1050.00

19	Supplying and making end termination with brass single 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. 3.5 core x 35 sq.mm	3	Set	650.00	1950.00
20	SITC of Water dispensers of capacity 40 LPH (or) better with 2 no's Faucets for Normal & Cold water, SS body, suitable for operation on single phase, 230V, 50HZ AC power supply, with stainless steel tank, energy efficient compressor, condenser fan, heat transfer coil with aluminium fins, thermostat etc, provided with inbuilt RO purifier of capacity 25 LPH (or) better with minimum six stage purification including other accessories like auto flush, low pressure switch, automatic level control etc as required.	1	Job	56200.00	56200.00
21	SITC of 3.00 HP/2.2 KW multistage submersible motor pump set consisting of submersible water filled squirrel cage motor suitable for operation on 440V, 50Hz, 3 Phase AC supply with impellers, water lubricated bearings, tie-bars on studs bolts for connecting the pumps together suction casing, sleeve coupling to connect motor shaft to the pump shaft, installation, lowering of submersible pump along with GI pipe (departmentally supplied) of appropriate length as per site conditions with all including necessary couplings, NRV valve, flanges, reducers other accessories, laying of departmentally supplied 3 core 4 sq.mm flat cable, providing borewell cover etc., complete as required to give a minimum discharge of 20 LPM at a total head of 129 Meters or as per site conditions along with all accessories complete as required.	1	Job	29000.00	29000.00
22	SITC of DOL starter in CRCA enclosure suitable for 3.00 HP submersible pump with start stop button, Over Load relay, single phase preventer, dry run protector, Ammeter with selector switch, indication lamp for RYB and Motor ON along with interconnections, necessary termination, including all civil works etc., as required.	1	Job	15000.00	15000.00
23	Earthing with G.I. earth pipe 4.5 meter long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as per specifications.	4	Set	8500.00	34000.00
24	Providing and laying earth connections from earth electrode with 6 SWG dia G.I wire in 15 mm dia. G.I pipe from earth electrode as required.	16	Metre	280.00	4480.00
25	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/ submain wiring/ cable as required.	420	Metre	6.00	2520.00

26	Provision for power supply of 7.5 KW from TANGEDCO including liasoning,energisation and necessary documentation,i.r.o power connection in the name of Airport Director Tuticorin, incidental expenses,i/c statutory charges,Security deposit etc.,of TANGEDCO spares, 3 phase energy meter as per recommendation / Standards of TANGEDCO, providing and fixing of LT 3 phase metering panel double door type, of 14 SWG confirming to IP 55 or higher, with rain cap, provision and fixing of 3 phase energy meter of TANGEDCO, provision and terminating of incoming & outgoing cables through suitable knockout opening, including making connections, earthing, suitable mounting or installation on concrete foundation as per site conditions etc. complete as required with following specifications. Incomer: 63 Amps, FP MCCB with thermomagnetic based trip units for O/L, S/C, on/off indication lamp for MCCB. - 1 no. Outgoings: 63 Amps, FP MCCB with thermomagnetic based trip units for O/L, S/C, on/off indication lamp for MCCB. - 2 nos.	1	Job	37100.00	37100.00
27	Provision of supply and installation of 1 KVA inverter for domestic application of MOSFET-PWM technology along with the 12V, 150 Ah Lead acid tubular battery with minimum 2 year replaceable Warranty suitable for the input supply of single phase, 230 V, 50 Hz and load factor of 0.6 and above, efficiency more than 70%, input voltage regulation range of 9%, along with protection against short circuit, over voltage and overload protection for inverter along with necessary wiring at required locations, charging point, proper earthing and proper cable connections, suitable mounting arrangement etc. complete as required.	1	Job	22450.00	22450.00
28	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 3x1.5 sq.mm	160	Meter	89.00	14240.00
29	Supplying and drawing following sizes of FRLS PVC insulated copper conductor,single core cable in the existing surface/ recessed steel/ PVC conduit as required. 3 x 2.5 sq. mm	40	Meter	105.00	4200.00
30	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. 3x4 sq.mm	100	Meter	169.00	16900.00
Total					745038.00
Grand Total Rs.					745,038.00

(Rupees Seven Lakh Forty Five Thousand and Thirty Eight Only [w/o GST])


Jt. General Manager (Engg-Elect.)
AAI/ Tuticorin Airport