



Ref: AAI/TUT/E-E/TUT-94/2022-23/534

दि:/Date:04.04.2022

सेवा में /To

M/s. Linsta Services,
2nd Floor, Pappooty Complex,
Opp.H.P.Pump, Vazhakulam,
Muvattupuzha, Ernakulam,
Kerala -686 670.

**विषय /Sub: Provision for Outdoor Feeder Pillar and associated cable
laying works for existing Terminal Building at Tuticorin
Airport.**

Ref : Your e-tender (Financial bid-2022_AAI_101911) Opened on 28.02.2022

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.19,35,360.00 (Rupees Nineteen Lakhs Thirty Five Thousand Three Hundred and Sixty Only)** plus applicable GST which is 12.02% below the estimated cost put to tender of Rs.21,99,891.00 (Excluding GST).
- 2) Asst. 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 the Asst. General Manager (Engg-Elect.), AAI, Tuticorin Airport by **12.04.2022** 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 Hundred Only) and cost of the stamp paper shall be borne by you.
- 3) As per clause no. 1A on page no 16 of GCC 2017 of contract document. Please deposit Rs.1,93,536.00 (Rupees One Lakh Ninety Three Thousand Five Hundred and Thirty 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 no. 1 A 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-19 on Page No:-50 of GCC of tender and rules of Central and State Governments.
- 5) You are also directed to contact Jr. Executive/ Asst. Manager/ 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 **04 Months** and the same shall be reckoned from the 10th day after issue of this letter (i.e, 13.04.2022).
- 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-94** which shall be quoted by you for all future correspondence in connection with this work order.

Encl: Schedule of Quantities

भवदिय /Yours faithfully,

विजु. के. भा. (BHU) 04/04/22
सहायक महाप्रबन्धक (इंजीनियरिंग-विद्युत)
Asst. General Manager (Engg-Elect),
For and on behalf of the Chairman,
Airports Authority of India
तूत्तिकोरिन एयरपोर्ट / Tuticorin Airport
तूत्तिकोरिन / Tuticorin-628 103

विमानपत्तन निदेशक का कार्यालय भारतीय विमानपत्तन प्राधिकरण, तूत्तिकोरिन हवाई अड्डा,
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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
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AIRPORTS AUTHORITY OF INDIA
TUTICORIN AIRPORT, TUTICORIN - 628 103

Schedule of Quantities

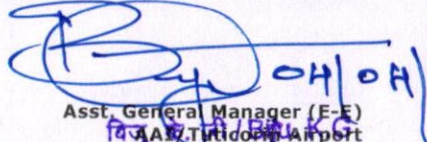
Name of Work: Provision for Outdoor Feeder Pillar and associated cable laying works for existing Terminal Building at Tuticorin Airport.					
Sl. No	Item Description	Qty	Unit	Rate	Amount
1	SITC of outdoor LT feeder pillar panel with double door arrangement, outer cover made up of 14 SWG and inner front, top covers and all partitions made up of 14 SWG CRCA sheet steel, with degree of protection not less than IP54, i/c cleaning & finishing complete with 7 tank process for powder coating in approved shade, door dust tight, vermin proof, totally enclosed, cubicle type, floor mounting, free standing, including providing and fixing 300 A Aluminium Bus bar with all accessories suitable for operation at 415 V, 3 phase, 4 wire, 50 Hz, A.C. power supply system complete with all accessories, interconnection, mechanical interlocking arrangement, connection, earthing, painting, grouting, providing pedestal, cable Entry provision with all necessary accessories etc. as required and comprising the following : INCOMER 250 A, 36 kA, 4P MCCB with Microprocessor based releases as incomer with R,Y,B,ON,OFF, Trip indication lamps, resin cast CT's with 3 phase multifunction meter with RS 485 (for V, A, kWh, kW, PF, Hz, kVA & THD - L&T WL 5010 or equivalent)- 2 sets as incomer suitable for terminating incomers of 3.5 core 300 sq.mm with suitable spreader links. BUS-COUPLER 250 A, 36 kA, 4P MCCB bus coupler microprocessor based releases with R,Y,B,ON,OFF indication lamps- 1 set as bus coupler. OUTGOINGS a) 160 A, 25KA, 4P MCCB with microprocessor based releases with resin cast CTs, digital Ammeter, ON, OFF, Trip indication lamps as outgoing - 2 set as outgoing. b) 125 A, 25KA, 4P MCCB with microprocessor based releases with resin cast CTs, digital Ammeter, ON, OFF, Trip indication lamps as outgoing - 2 sets as outgoing. c) 100 A, 25KA, 4P MCCB with microprocessor based releases with resin cast CTs, digital Ammeter, ON, OFF, Trip indication lamps as outgoing - 2 sets as outgoing. d) 63A, 25KA, 4P MCCB with microprocessor based releases with resin cast CTs, digital Ammeter, ON, OFF, Trip indication lamps as outgoing - 8 sets as outgoing. e) 32A, 25KA, 4P MCCB with microprocessor based releases with resin cast CTs, digital Ammeter, ON, OFF, Trip indication lamps as outgoing - 8 sets as outgoing.	1	Job	890000.00	890000.00
2	Supplying of following sizes of 1.1 KV grade, XLPE insulated, Aluminium conductor armoured Power Cable conforming to IS 7098 Part-I 1985 with upto date amendments complete as required as per specifications. 3.5 core, 300 sq.mm	240	Metre	1,800.00	432000.00
3	Supplying of following sizes of 1.1 KV grade, XLPE insulated, Aluminium conductor armoured Power Cable conforming to IS 7098 Part-I 1985 with upto date amendments complete as required as per specifications. 3.5 core, 35 sq.mm	35	Metre	290.00	10150.00
4	Supplying of following sizes of 1.1 KV grade, XLPE insulated, copper conductor armoured Power Cable conforming to IS 7098 Part-I 1985 with upto date amendments complete as required as per specifications. 4 core, 10 sq.mm	40	Metre	620.00	24800.00
5	Supplying of following sizes of 1.1 KV grade, XLPE insulated, copper conductor armoured Power Cable conforming to IS 7098 Part-I 1985 with upto date amendments complete as required as per specifications. 4 core, 6 sq.mm	350	Metre	410.00	143500.00

6	Providing and laying of 150mm dia B class G.I pipe below 0.5 mtr, across road including cutting bituminous road and refilling with concrete to the original finish etc. complete as required.	24	Metre	2,200.00	52800.00
7	Supply and installing following size of perforated Hot Dipped Galvanised Iron cable tray cable tray with perforation not more than 17.5%, including all accessories like connectors, bends, nuts, bolts etc as required and duly supported with GI coated MS angles/SS fasteners on wall and cement concrete on terrace etc as required. 300 mm width x 50 mm depth x 1.6 mm thickness	10	Metre	850.00	8500.00
8	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 as required. Above 185 sq. mm and upto 400 sq. mm	30	Metre	150.00	4500.00
9	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/ METAL/ HDPE/ PVC pipe as required. Upto 35 sq.mm	420	Metre	60.00	25200.00
10	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/ METAL/ HDPE pipe as required. Above 35 sq. mm and upto 95 sq. mm	20	Metre	80.00	1600.00
11	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/ METAL/ HDPE pipe as required. Above 185 sq. mm and upto 400 sq. mm	420	Metre	100.00	42000.00
12	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/ tray as required. Upto 35 sq. mm	10	Metre	80.00	800.00
13	Retrieval of cables of XLPE insulated / PVC sheathed cables of size upto 95 sq.mm from ground by excavation in soft soil, depth upto 1.2 m including getting out the excavated soil, refilling with sand and or good soil after retrieving the cable/ pipe etc. and disposal of surplus excavated soil as directed, within a lead of 50 meter without ramming and watering.	65	Metre	120.00	7800.00
14	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. OD-120 mm & ID-103 mm nominal	300	Metre	220.00	66000.00
15	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. OD-63 mm & ID-51 mm nominal	50	Metre	130.00	6500.00
16	Dismantling of existing 2 nos. LT panel installed inside the terminal building and relocating the same to electrical store outside power house as per direction of Engineer-in-charge, removing the cable from the existing Panels, making it suitable for terminating the cables to the new panel without affecting airport operations etc complete as required.	1	Job	2,500.00	2500.00
17	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 300 sq.mm	4	Set	1,750.00	7000.00

18	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 95 sq.mm	1	Set	1,000.00	1000.00
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 70 sq.mm	2	Set	850.00	1700.00
20	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 50 sq.mm	1	Set	750.00	750.00
21	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	2	Set	600.00	1200.00
22	Supplying and making end termination with brass single compression gland and copper lugs for following size of PVC insulated and PVC sheathed/ XLPE copper conductor cable of 1.1 KV grade as required. 4 core x 10 sq.mm	2	Set	450.00	900.00
23	Supplying and making end termination with brass single compression gland and copper lugs for following size of PVC insulated and PVC sheathed/ XLPE copper conductor cable of 1.1 KV grade as required. 4 core x 6 sq.mm	14	Set	400.00	5600.00
24	Supplying and making straight through joint with heat shrinkable kit including ferrules and other jointing materials for following size 3.5 core PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required for the following size: 25 sq.mm to 50 sq.mm	3	Set	3000.00	9000.00
25	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 32 mm	40	Metre	130.00	5200.00
26	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 25 mm	350	Metre	110.00	38500.00
27	Supplying and fixing following way, three pole and neutral, MCB distribution board, of IP 43, double door type, 415 volts, on surface/ recess, complete with tinned copper busbars, neutral link, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc.as required (but without MCB/RCCB/Isolator). 12 way (8 + 36), Metal door, vertical type	1	Job	16100.00	16100.00
28	Supplying and fixing following way, three pole and neutral, MCB distribution board, of IP 43, double door type, 415 volts, on surface/ recess, complete with tinned copper busbars, neutral link, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc.as required (but without MCB/RCCB/Isolator). 8 way (8 + 24), Metal door, vertical type	1	Job	13400.00	13400.00

29	Supplying and fixing 63 Amps FP MCB rating, 415 volts, 'C' curve, miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1	Job	1950.00	1950.00
30	Supplying and fixing 32 Amps FP MCB rating, 415 volts, 'C' curve, miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1	Job	1450.00	1450.00
31	Supplying and fixing 32 Amps TP MCB rating, 415 volts, 'C' curve, miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as required.	2	Job	1450.00	2900.00
32	Supplying and fixing 20 Amps TP MCB rating, 415 volts, 'C' curve, miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as required.	2	Job	1450.00	2900.00
33	Supplying and fixing 6 to 32 Amps SP MCB rating, 415 volts, 'C' curve, miniature circuit breaker in the existing MCB DB complete with connections, testing and commissioning etc. as reqd.	48	Job	220.00	10560.00
34	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge: Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	1	Cum	1,500.00	1500.00
35	Excavation for foundation in soft soil including dressing of sides and ramming of bottoms, lift upto 1.5 m including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 metres.	1	Cum	2,500.00	2500.00
36	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size).	1	Cum	9,000.00	9000.00
37	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, Tools & plants charges for bore drilling machine etc. with charcoal/ coke and salt as required.	4	Job	9,500.00	38000.00
38	Providing and fixing 6 SWG dia G.I. wire on surface or in recess or ground for loop earthing along with existing cable as required.	510	Metre	40.00	20400.00
39	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.	12	Metre	150.00	1800.00
40	Providing and fixing 14 SWG copper wire on surface or in recess for loop earthing as required.	390	Metre	60.00	23400.00
				Total	1935360.00
				Grand Total Rs.	1935360.00

(Rupees Nineteen Lakhs Thirty Five Thousand Three Hundred and Sixty Only)


 04/04/2022
 Asst. General Manager (E-E)
 विमानतट प्राधिकरण
 सहायक महाप्रबंधक (इंजीनियरिंग-विद्युत)
 Assistant General Manager (Engg-Elect)
 भारतीय विमानपत्तन प्राधिकरण
 Airports Authority of India
 तुतीकोरिन एयरपोर्ट / Tuticorin Airport
 तुतीकोरिन / Tuticorin-628 103
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