भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA
KADAPA AIRPORT

सं.सं.भाविप्रा/कड़प्पा/इंजी-वि/ एफ टी ओ – पी एल/डब्ल्यू.सं/2024-25 दि. 15.04.2024
Ref.No: AAI/KDP/Engg(E)/FTO-PL/W.No./2024-25/4218 **Dt.15.04.2024**

सेवामें / To

M/s. लिशा इलेक्ट्रिकल्स / LEESHA ELECTRICALS,
फ्लैट नंबर सी-57 / Flat No C-57
C/O बाबा गुलकारी / Baba Gulkari,
विदर्भ प्राइमर हाउसिंग सोसायटी / Vidharbh Preimer Housing Society,
शंकरराव पाधेय अपार्टमेंट / Shankarao Padhey Apartment,
सोमलवाडा वर्धा रोड / Somalwada Wardha Road,
नागपुर / NAGPUR – 440025

Name of work: **Provision of perimeter lighting and Associated Electrical Works for FTO Site at Kadapa Airport.**

Ref:

i) E-tender- 2024_AAI_ 182415 _1 dated 22/01/2024

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/ ~~percentage rate~~ quoted by you totalling to Rs. **15,11,050/- (Rupees Fifteen Lakhs Eleven Thousand and Fifty only), Excluding GST** which is 08.62% below the justified cost.

2. Deputy General Manager (Engg-Elect), AAI, Kadapa Airport, Kadapa, shall be the Engineer-in-Charge of the work. You are requested to attend the office of the **Deputy General Manager (Engg-Elect), AAI, Kadapa Airport, Kadapa,** within 10 days from the date of issue of this letter, 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 the cost of the stamp paper shall be borne by you.

3. Please deposit **Rs.1,51,105.00/-(Rupees One Lakh Fifty One Thousand One Hundred and Five only)** as Security Deposit within 10 days from the date of issue of this letterfailing which, the same will be deducted as per condition of Clause no. 1 A at page no GCC-22 of 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 and 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 Pg no. 72 of GCC of tender and rules of Central and State Government.

5. You are also directed to contact, **Manager (Engg-Elect),**AAI, Kadapa 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 (Three) Months** and same shall be reckoned from **24.04.2024**

7. Any further correspondence in connection with the contract should normally be addressed to the **Engineering In-Charge.**

8. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersignedas a token of acceptance.

अनुलग्नक / Encl : अनुसूची

1. BoQ(Bill of Quantities)

भवदीय / **Yours faithfully**

15/4/2024

वरिष्ठप्रबंधक(अभि–वि) / Senior Manager (Engg-E)
भा वि प्रा, कडप्पा हवाईअड्डा /AAI, Kadapa Airport
अध्यक्षपद पर तथा की ओर से / For and on behalf of Chairman
भारतीय विमानपत्तन प्राधिकरण / Airports Authority of India

BILL OF QUANTITIES (BoQ)

Name of Work: **Provision of Perimeter Lighting and Associated Electrical Works for FTO Site at Kadapa Airport.**

TENDER ID: 2024_AAI_182415_1

Sl. No.	Description of Item	Quantity	UOM	Rate (Excl. GST)	Amount (Excl. GST)
1	**Erection of GI Octogoal Street light pole along with Foundation** Erection of hot dip Galvanized Octogonal street light poles of 130 mm bottom dia / 70 mm top dia , 3 mm thick, with base plate of size 200 mm X 200 mm X 12 mm thickness of below length poles , by using J-bolts & template, in reinforced foundation of 0.4 x 0.4 x 1.2 mts (L x W x H) dimensions using Concrete of M25 grade & Steel reinforcement bars of (i) 6mm dia X 7 nos X 1.6 mts & (ii) 10mm dia X 8 nos X 1.3 mts, including straightening, cutting, bending, placing in position and binding on a bed of 0.6 x 0.6 x 0.1 mts(L x W x H) of 1:3:6 grade PCC , all complete upto plinth level for foundation, cost of shuttering & removal of form works for foundation ,excavation and refilling etc,. comlete as required. **(i) Above 4.0 metre and upto 6.5 metre**	36	Job	4000	144000
2	**Embedding DWC in Foundation** Supplying and embedding 63 mm dia (OD 63 mm & ID 51 mm nominal) DWC HDPE pipe ISI marked conforming to IS 14930, Part II complete in foundation (during casting) for cable entry including bending the pipe to the required shape complete as required.	36	Job	200	7200
3	**Supply and Laying DWC direct in Ground** 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 dia (OD- 63 mm & ID 51 mm nominal)**	2600	Metre	200	520000
4	**Supply of 4C x 16 sq.mm Cable** Supply of XLPE/PVC insualated PVC sheathed, armoured alluminium conductor power cable of 1.1kV grade of 4C X 16 sq.mm cable size etc., as per IS 7098 Part - 1 1988 with uptodate ammendments etc complete as required.	1200	Metres	170	204000

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5	**Supply of 3C x 16 sq.mm Cable** Supply of XLPE/PVC insualated PVC sheathed, armoured aluminium conductor power cable of 1.1kV grade of 3C X 16 sq.mm cable size etc., as per IS 7098 Part - 1 1988 with uptodate ammendments etc complete as required.	1500	Metres	140	210000
6	**Laying of 3C x 16 sq.mm & 4C x 16 sq.mm cable in pipe** 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/DWC - HDPE/ METAL pipe as required. (a) Upto 35 sq.mm	2,700	Metres	30	81000
7	**Termination of loop cables by Supply , fixing of 4 pole heavy duty connector, 6A SP -MCB complete as required** Termination of loopi-in & loop-out cables by supply, fixing 01 no. 4 pole heavy duty connector, 01 no. Single Pole 6A rating 240V, min 6kA, "B" Curve MCB suitable for LED lighting loads, in existing Octogonal Street light pole suitable for 4C X 16 sq.mm PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade complete with connections using suitable lugs & terminal / thimbles for SP- MCB I/C, testing and commissioning to the satisfaction of E.I.C etc complete as required.	36	Job	400	14400
8	**Supply & End termination of 4C X 16 sq.mm cable** Supplying and making end terminations with brass gland and aluminium lugs for following size (4C X 16 sq.mm) of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.	2	Each	250	500
9	**Supply & End termination of 3C X 16 sq.mm cable** Supplying and making end terminations with brass gland and aluminium lugs for following size (3C X 16 sq.mm) of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.	2	Each	250	500

15/04/2024
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10	**Supply of J bolts and other hardwares like Nuts, washers etc as required for erection of poles** Supply of 4 nos. of M16 X 450mm J- type, EN 8 Grade foundation bolts suitable for existing Surya Make 4 mtr high hot dip galvanised Octogonal poles with 130 mm bottom dia & 70 mm top dia, 3mm thick sheet etc complete as required.,	20	Nos	950	19000
11	**Supply and Installation of LED Street lights and associated accessories Complete as required.** Supply & installation of LED Street Light with , min system lumen output of min 110 lms per watt with overall lumens output of min 2200 lms, 5700-6500K colour temperature CCT , Life of atleast 50,000 hours at 70% lumen maintenance, surge protection of >4 KV, Fixture made of High Pressure die-cast aluminum,/ Standard alloy for outdoor application Engraved / Embossed mfg. Name / Logo or on Al-plate lables or screen printing on housing / body , IP66 Class-I protection, suitable for mounting on to arm / branch pipe (Supply of arm branch is in AAI Scope) of 50 mm dia. OD or on 50mm to 35mm dia OD Reducer kit provided by AAI, complete incl. minor hardware required for satisfactory installation & commisiioning as per specification to the satisfaction of E.I.C complete as per site requirement.	40	job	2950	118000
12	**Wiring for Street light LED fixture from MCB of LED Fitting incl. testing Commissioning etc** Wiring for LED Street light with 3C x 1.5 sq.mm PVC insulated copper conductor cable in recessed steel i.e., Octogonal street light pole of 4.5 mtrs height and termination at 6A SP - MCB, 4 pole heavy duty Connector, LED fixture and earthing the point with one of the core of 3C x 1.5 sq.mm conductor cable etc for successful testing and commissioning of LED fitting to the satisfaction of E.I.C etc complete as required	36	job	400	14400
13	**Supply and Fixing 6 way Double door MCB- DB for Security Huts** Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 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) (DSR_Elec 2.3.1) **(i) 6 Way, Double door**	3	each	1500	4500

14	**Supply and Fixing SPN MCB in existing DB box** Supplying and fixing 5A to 32A rating, 240/415 volts, 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. (i) Single pole and neutral	3	each	500	1500
15	**Supply and Fixing SP MCB in existing DB box** Supplying and fixing 5A to 32A rating, 240/415 volts, 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. (i) Single pole	10	each	150	1500
16	**Wiring for Circuit / Submain Wiring** Wiring for circuitl submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	20	Meters	350	7000
17	**Point wiring** 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 medium class FR-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.	15	Point	1200	18000
18	**Supplying and fixing 6/16 A modular Switch / Socket along with all accesories and wiring** Supplying and fixing 6/16 A modular switch & 6/16 A socket on modular plate & switch box including wiring for power plug with 2x4 sq.mm FRLS PVC insulated Cu - Conductor single core in recess conduit alongwith 1 no 4 sq.mm FRLS PVC insulated Cu- condutor cable for earthing etc. as required.	6	Job	550	3300
19	**SITC of LED type Aviation obstruction light** Supply, Installation, testing and commissioning of min 10W LED Aviation Obstruction light incl. connection and all accessories complete as required for Security huts .	3	each	4500	13500

20	**SITC of LED Batten bulb** Supply, Installation, testing and commissioning of 240 V 50Hz operated LED batten with min lumen output of 2000 lumens, system efficacacy of min 100 lumens / watt, CCT 5700K - 6500K, CRI>=80,min IP 20 rating,THD <= 10%, PF >= 0.95, Sureg protection >=2KV, SDCM < 5, etc complete with 5 years warranty and complying to IS 10322 with upto date ammendments, to the satisfaction of EIC, etc complete as required	5	each	650	3250
21	**Supply of Pedestal fan for Security Huts** Supply of 230 V 50Hz operated pedestal fan with min three step speed control and Oscillation control with min 400mm blade width, 1800 rpm, air flow of 90 cum / minute along with warranty card etc.	5	Each	2500	12500
22	**G.I Pipe Earthing** Earthing with G.I earth pipe 4.5 metre long, 40mm dia, including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	8	Each	8000	64000
23	**G.I Wire along with Cable** Providing and fixing 6 SWG dia G.I. wire in recess for loop earthing along with existing surface/ recessed pipe/ submain wiring/cable as required .	1500	Metre	30	45000
24	**Earth wire in GI Pipe** Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required. .	16	Metre	250	4000
Total (Figures)					**1511050.00**
Total (In Words)		**Fifteen Lakh Eleven Thousand &Fifty Only**			

15/4/2024

वरिष्ठ प्रबंधक (अभि-विद्युत)
Senior Manager (Engg-E)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
कडपा एयर पोर्ट / Kadapa Airport
कडपा - 516 003/ Kadapa - 516 003.

Signature Not Verified
Digitally signed by Ananthasubramanian P R
Date: 2025.01.09 16:10:51 IST
Location: eProcurement System for Central PSUs