



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

No: AAM/ENGG/ELEC/AMED-II/LT_Panel/ 2023-24/ A-22

Date: 26.10.2023

To

M/s Balaji Engineering,
Flat No: 18, 3rd Floor,
Queen's Castle,
Lakshmi Nagar,
7th Street,
Nanganallur,
Chennai- 600061

Name of the Work: Replacement of LT panels, Light fitting for Line Maintenance Building at Chennai Airport.

1. Ref: - Tender ID. 2023_AAI_164298_1.
2. Your E-Tender Opened on 25.09.2023.

Dear Sirs,

1. Your tender for the work mentioned above is hereby accepted on behalf of the Chairman, Airports Authority of India, at the item rates quoted by you totaling to **₹ 19,98,350.00 (Rupees Nineteen Lakh Ninety Eight Thousand Three Hundred and Fifty Only) Excluding GST** Which is 17.76% Below the Estimated Cost put to tender ₹ 24,29,966.00 (Rupees Twenty Four Lakhs Twenty Nine Thousand Nine Hundred and Sixty Six Only) Excluding GST.
2. Deputy General Manager Engineering (Elec)-I EMD, Operational Office, Airports Authority of India, Chennai Airport, Chennai – 600016 shall be the Engineer-in charge of the work. You are requested to attend the office of Deputy General Manager Engineering (Elec)-I, AAI, Chennai Airport on or before 06.11.2023 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of ₹ 100/- (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.
3. The Earnest Money amount of **₹ 48,599.00 (Rupees Forty Eight Thousand Five Hundred and Ninety Nine Only)** received along with your tender will be released after 1st RA bill of work. Please deposit the amount of **₹ 1,99,835.00 (Rupees One Lakh Ninety Nine Thousand Eight 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 conditions of clause 1A 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 there of Central and State Governments.
5. You are also directed to contact Senior Manager Engineering (Electrical) Airport Maintenance Electrical Division-II, Operational Office, Airports Authority of India, Chennai 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 7th day of issue of work order.

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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.

Yours faithfully,

K. Ramesh Babu 26/10/23

K. RAMESH BABU,
Senior Manager (Engg. -Elect.)
AAI Chennai Airport.

Encl: Schedule of Quantities (02 Pages)

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AIRPORTS AUTHORITY OF INDIA
चेन्नै एयरपोर्ट:: चेन्नै 600 016
CHENNAI AIRPORT:: CHENNAI 600 016

Schedule of Quantity

NAME OF WORK : Replacement of LT Panels, Light fitting for Line Maintenance Building at Chennai Airport.

Sl. No.	Description	Qty	Unit	Rate	Amount
1	Fabrication, Supply, Installation, Testing & Commissioning of Indoor type LT Panel Suitable for operation on 415V, 3 Phase, 4 Wire, 50Hz, AC Supply made out of 2mm thick CRCA Sheet for frame work and covers, 3 mm thick for gland plates, 2mm thick partitions, Vermin Proof, totally enclosed, IP42, Free standing Floor mounting cubicle type construction, fully compartmentalised, extensible on both sides complete with powder coating in approved shade and Suitable size bus bars, fabrication shall be done in transportable sections, entire panel shall have a common Aluminium earth bar of Suitable size, control wiring with 2.5Sq.mm. FR PVC insulated copper conductor cable and with all accessories, interconnection, connection, earthing, painting, grouting, marking and Cable Entry from top etc. as required complete and comprising of following:-				
	a) 2Nos. 630A FP MCCB having 36KA breaking Capacity with microprocessor release, R, Y, B, ON, OFF, TRIP indication lamps, resin cast CT's with multifunction meter as incomer with interlocking arrangement.				
	b) 1 No. 630A FP MCCB having 36KA breaking capacity with microprocessor release, R, Y, B, ON, OFF, TRIP indication lamps, resin cast CT's with multifunction meter - 1No. as bus coupler with interlocking arrangement.				
	c) Outgoings 63Amps, 4pole MCCB, 25 KA with microprocessor release and Rotary Handle with ON, OFF, TRIP indication lamps - 14 Nos.				
	d) Outgoings 100Amps, 25 KA, 4P MCCB microprocessor release and Rotary Handle with ON, OFF, TRIP indication lamps- 12 Nos.				
	(a to d above) (TTA Panel)	1	Job	6,50,000.00	6,50,000.00
2	Fabrication, Supply, Installation, Testing & Commissioning of outdoor MV feeder pillar panel with double door arrangement, outer shell made up to 2mm CRCA sheet steel, door dust tight vermin proof, totally enclosed, IP65, Free standing floor mounting cubicle type, floor mounting, free standing including providing and fixing 400A aluminium bus bar with all accessories and earthing, grouting, providing pedestal, cable entry provision etc. as required				
	a) 2Nos. 400A FP MCCB having 36KA breaking Capacity with microprocessor release, R, Y, B, ON, OFF, TRIP indication lamps, resin cast CT's with multifunction meter L&T make or equivalent as incomer.				
	b) 1 No. 400A FP MCCB having 36KA breaking capacity with microprocessor release, R, Y, B, ON, OFF, TRIP indication lamps, resin cast CT's with multifunction meter L&T make or equivalent- 1No. as bus coupler.				
	Bus Bars				
	d) 100A, 25KA, 4P MCCB with microprocessor release, ON, OFF, TRIP indication lamps, resin cast CT's with digital meter as outgoing - 6 sets. as outgoing.				
	a to d (TTA Panel)	1	Job	5,00,000.00	5,00,000.00
3	Supply of following way, TPN 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 (i/c the following MCB's) 4 way (4 + 12), Double door a) 63A, 4 pole MCB, 10 KA, "C" Series - 01 No. b) 10 A - 32A SP MCB "C" Series - 12 Nos.	8	Job	20,000.00	1,60,000.00
4	Supply of following size of 1.1kv grade multistrand aluminium conductor XLPE insulated and PVC sheathed armoured cable as per IS : 7098 (part1)1988 with up to date amendments. a) 4 x 16 Sq.mm	350	Mtr.	250.00	87,500.00
5	Supply of 600mm x 600mm Recess/surface mounted LED Luminaire suitable for operating on 230V 50 Hz AC supply. Philips make RC380B LED 30S-6500 G5 L60 W 60 PSU OD including driver etc. or its equivalent.	75	Nos	3,500.00	2,62,500.00

Sl. No.	Description	Qty	Unit	Rate	Amount
6	Supply of 600mm x 600mm Recess/surface mounted LED Luminaire with built in PIR occupancy sensor flooring flexibility of auto switching off when the space is not occupied suitable for operating on 230V 50 Hz AC supply. Philips make RC383B LED 28S-6500 PSU OD WH PIR including driver etc. or its equivalent.	30	Nos	3,500.00	1,05,000.00
7	Supply of 1200mm sweep 5 Star Rated BLDC Ceiling fan with regulator suitable for operation on single phase 250 Volt AC 50 HZ power supply etc.as required. Crompton make model CFENRIV48OPW5SRG or its equivalent.	8	Nos	3,500.00	28,000.00
8	Supply of 300mm heavy duty Exhaust fan with speed 1400 RPM suitable for operation on single phase 250 Volt AC 50 HZ power supply etc.as required.Similar to almonard model 12"1#1400RPM or its equivalent.	10	Nos	3,000.00	30,000.00
9	Installation, testing and commissioning of pre-wired, LED fittings of all types, complete with all accessories etc. directly on ceiling/ wall, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing ,chain supports etc. as required.	105	job	250.00	26,250.00
10	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required.	8	job	250.00	2,000.00
11	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	10	job	2,000.00	20,000.00
12	Installation, testing and commissioning of following way, TPN 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 (i/c the following MCB's) 4 way (4 + 12), Double door a) 63A , 4 pole MCB,10 KA "C " Series - 01 No.	8	Job	1,500.00	12,000.00
13	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 as required. a) Upto 35 Sq.mm(clamped with 1mm thick saddle)	350	Mtr.	70.00	24,500.00
14	Supplying and making end termination with brass compression gland and aluminium lugs for following size of existing PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
	(a) 4 X 25 sq. mm (28mm)	4	Set	500.00	2,000.00
	(b) 4 X 35 sq. mm (32mm)	4	Set	500.00	2,000.00
	(c) 3 1/2 X 70 sq. mm (38mm)	4	Set	700.00	2,800.00
	(d) 3 1/2 X 185 sq. mm (57mm)	2	Set	1,000.00	2,000.00
	(e) 3 1/2 X 300 sq. mm (70mm)	2	Set	1,500.00	3,000.00
15	Earthing with copper earth plate 600mm X 600 mm X 3 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc.. With charcoal coke and salt as required.	2	Set	12,500.00	25,000.00
16	Providing and fixing 25 mm X 3mm Copper strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc.as required.	30	Mtr.	1,250.00	37,500.00
17	Dismantling of Existing 2 x 36watts mirror optic tube light fitting, Ceiling fan and Exhaust fan at Line Maintenance Building and Handed over to AAI Store as per the direction of Engineer - in - Charge.	148	Nos	100.00	14,800.00
18	Dismantling of Existing LT panels and Feeder pillars at Line Maintenance Building - 2Nos and at Sewage Treatment plant - 01No. and Handed over to AAI Store as per the direction of Engineer - in - Charge.	1	job	1,500.00	1,500.00
				Total ₹	19,98,350.00

(Rupees Nineteen Lakh Ninety Eight Thousand Three Hundred and Fifty Only) Excluding GST

Signature Not Verified

Digitally signed by KANA PARTY RAMESH BABU
RAMESH BABU

Date: 2023.11.06 18:41:24 +05'30' (E-E)

Location: eProcurement System for Central PSUs