



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

No. AAM/ENGG (E)/AMED-IX/FMC of EI/2019-20/ **A-10**

Date: 27.07.2020.

To

M/s Lakshmi Electrical Enterprises
No. 1c, CLC Works Road,
New Colony, Chromepet,
Chennai- 600 044.

Sub: FMC for Repair & Maintenance of Internal & External Electrical Installations at
AAI (Metro) Residential Colony, Operational Office & Other Ancillary Buildings
at Chennai International Airport.

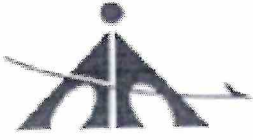
Ref: Tender ID: 2020_AAI_44791_1

Tender Ref. No.: AAI/CHE/AMED-IX/2019-20/01.

Dear Sir (s),

1. Your 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. 1,92,15,800.00 (Rupees one Crore Ninety Two Lakhs Fifteen Thousand Eight hundred only) which is 15.0123 % below the Estimated Cost of Rs. 2,26,10,106.00 (Rupees Two Crore Twenty Six Lakhs Ten Thousand One Hundred and Six Only) which is inclusive of all the taxes, duties, levies and octroi etc., Except GST which will be paid extra as applicable.
2. Joint General Manager (Engg-Elect)-II, AMED, Operational Office, Airports Authority of India, Chennai Airport, Chennai - 600 027 shall be the Engineer-In-Charge of the work. You are requested to attend to the Office of Joint General Manager (Engg-Elect)-II, AMED AAI, Chennai Airport by 10.08.2020 to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.
3. The earnest money amount of Rs. 4,52,202.00 (Rupees Four Lakhs Fifty Two Thousand Two Hundred and Two Only) received along with your E-tender will be treated and converted as part of Security Deposit as per Clause 1A of General Conditions of Contract. Please deposit the balance amount of Rs. 14,69,378.00 (Rupees Fourteen Lakhs Sixty nine Thousand Three Hundred and Seventy Eight Only) towards balance Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted as per Clause 1A of General Conditions of Contract.
4. You are also directed to contact the Joint General Manager (Engg-Elect)-II, Airport Maintenance Electrical Division, Operational Office, Airports Authority of India, Chennai Airport or his Authorised representative immediately for the execution of the above work.

Contd... 2



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

-2-

5. 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 thereof Central and State Governments.
6. Please note that the time allowed for carrying out the work shall be 24 (Twenty Four) Months which shall be reckoned from 01.08.2020.
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.

Encl: Schedule of Quantity (Page no. 1 of 4).

N. J. Xavier
27/7/2020

(W. Francis Xavier)
Joint General Manager (Engg - Elect)-II,
For and on behalf of the Chairman,
Airports Authority of India.



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

NAME OF WORK: FMC for Repair & Maintenance of Internal & External Installations at AAI (Metro) Residential Colony, Operational Office & Other Ancillary Buildings at Chennai International Airport.

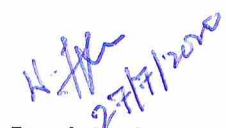
Sl.No.	Description of Items	Qty	Unit	Basic rate (Excluding GST)	Amount (Excluding GST)
SH:I	FMC for Internal and External Electrical installations				
1	FMC for all Internal and External Electrical installations at AAI (IAD) Residential Colony i/c Community hall& school ; Ancillary buildings i/c Admin Office; Intake / Central Substations; Dog Kennels; All Power Houses; WTP; STP; CCR Hall; CISF Barracks at Pazhavanthangal; Fire Stations; MT Sections (Old & New), Ceremonial Lounge and All Pump Houses etc., to ensure satisfactory serviceability through providing repair/maintenance services for all Internal & External Electrical installations involving repairs and maintenance of connected LT feeders to the buildings switch rooms etc, repair/replacement of circuit wiring, switches, lamps, chokes, fixtures etc (Required replacement of materials shall be issued by AAI free of cost) i/c providing consumable material like cotton waste, oil, grease, etc., & other sundry material required for cleaning at site etc. as required, including ensuring 100 % serviceability of External and Internal Electrical installations, preventive maintenance,routine maintenance; breakdown maintenance; etc., i/c maintenance of records / data entries and documentaton including effective supervision etc ,on all days for including Sundays and holidays.	24	Months	699500.00	16,788,000.00
SH:II	Painting, Repainting, Rewinding & Miscellaneous				
2	Re-painting of L.T. panels, chequered plate, electrical installations etc. with approved quality enamel paint of required colour in two coats with spray gun i/c scrapping & cleaning the surface complete as per site requirement and direction of E-I-C.	50	Sq mtr	100.00	5,000.00
3	Rewinding of following fans as per original characteristics with super enameled copper wire and `E' class insulation material, replacement of the worn out bearing etc. as required i/c dismantling, making arrangment for transportation to workshop and reinstallation of the same at site, making supply connection, providing and fixing of necessary nut & bolts etc. (To be carried out as & when required). (The dismantled material will be retain by the contractor).				

Sl.No.	Description of Items	Qty	Unit	Basic rate ((Excluding GST)	Amount (Excluding GST)
a	Exhaust fan (300mm/450mm Sweep)	10	Each	550.00	5,500.00
b	Ceiling fan (1050mm /1200mm Sweep)	50	Each	450.00	22,500.00
c	Wall mounted fan (300mm/450sweep)	10	Each	600.00	6,000.00
d	Air Circulator (450mm/600mm Sweep)	5	Each	550.00	2,750.00
4	Lettering with one coat of approved shade of synthetic enamel paint in following size s on different places in English or Tamil etc. as reqd.				
a	1" size (one word / name including special characters & digits)	100	No	15.00	1,500.00
b	2" size (one word / name including special characters & digits)	100	No	20.00	2,000.00
5	Re-painting of cable tray of all sizes (upto 600 mm wide) i/c supports etc. with good quality of Al. paint in one or more coats including scraping, cleaning etc. of outer surface only complete as per site condition and direction of EIC.	50	mtr	50.00	2,500.00
6	Rates for extra mandays for providing services as and when required basis				
a	Skilled (Electrician/ Mason/ Cable Jinter)	50	days	750.00	37,500.00
b	Helper	30	days	700.00	21,000.00
7	Dismantling of existing LT Cubical panel i/c electrical wiring, cables, switch gears, measuring instrument etc. , as required at site and transporting to AAI stores.	5	No	1000.00	5,000.00
8	Providing Labour and Hire Charges for deploying Excavater (JCB) i/c Operator for tracing the cable faults, excavation and refilling of Cable trench after work etc., as required.	40	hrs	850.00	34,000.00
9	Providing Labour and Hire Charges for deploying Gas Cutting MACHINE i/c Cutter, Gases in Cylinder etc., for cutting of Chequered Plates, MS Angles as required.	40	hrs	850.00	34,000.00
10	Providing labour and hire charges for deploying Crane (upto 10 Ton) i/c operator for lifting/ Shifting of Equipments/ Cable Drums, etc., as required.	16	hrs	850.00	13,600.00
11	Locating the Cable fault on LT feeder cables laid directly in ground/ duct/ pipe including providing Cable Fault Tracer (Rental) etc., as required.				
a)	LT CABLES [ONLY IN CASE OF EMERGENCY]	1	job	30000.00	30,000.00
12	Cleaning of cable trenches by lifting the cables, supporting the cables, removing waste materials I/c malba, debris etc., and transporting and dumping the same to waste dumping yard etc. as required.	40	mtr	50.00	2,000.00
13	Cleaning of bus ducts I/c removing of covers, checking of bus bars, bus supports, tightening of busses and supports and re-fixing of covers, testing, commissioning etc., as required.	20	mtr	50.00	1,000.00
14	Retrievel of one number PVC/XLPE insulated and PVC sheathed power cable of 1.1KV grade of size upto 120 Sqmm from the existing RCC/ HUME/ STONEWARE/ METAL/ GI PIPES/ Duct/ TRAY/ TERRACE etc., as required.	200	Mtrs.	20.00	4,000.00

Sl.No.	Description of Items	Qty	Unit	Basic rate ((Excluding GST)	Amount (Excluding GST)
SH-III SUPPLY OF SPARE PARTS FOR MAINTENANCE & REPAIR WORKS					
15	Supply of LED Bulb ;shape GLS; 10 watts; 220-240 volts; B22(Pin type), 6500K, Make Havells LHLDERUEML8X010 or equivalent	300	No	102.00	30,600.00
16	Supply of LED Bulb;shape GLS; 15 watts; 220-240 volts; B22(Pin type), 6500K, Make Havells LHLDEREEMK8X015 or equivalent	200	No	198.00	39,600.00
17	Supply of remote call bell/ buzzer suitable for single phase, 230 V, complete as required.	60	No	150.00	9,000.00
18	Supply of 2.5 MFD Capacitor for Fan operated on single phase, 230 V, complete as required.	600	No	35.00	21,000.00
19	Supplying of PVC Cassing & Capping as and when required.				
a)	20 X 12mm	500	meter	20.00	10,000.00
b)	25 X 16 mm	500	meter	30.00	15,000.00
c)	4"x2" inch for AC Refrigerent piping	200	meter	40.00	8,000.00
20	Supply of Aluminium Conductor, XLPE insulated, PVC sheathed, armoured power cable of 1.1 KV grade of following Sizes conforming to IS 7098 (Part-1) as amended upto date as required. [AS AND WHEN REQUIRED BASIS ONLY]				
a)	3 X 10 sq. mm	300	meter	76.00	22,800.00
b)	3 X 16 sq. mm	300	meter	81.00	24,300.00
c)	4 X 10 sq. mm	500	meter	85.00	42,500.00
d)	4 X 16 sq. mm	500	meter	97.00	48,500.00
e)	4 X 25 sq. mm	500	meter	133.00	66,500.00
f)	3½ X 35 sq. mm	250	meter	146.00	36,500.00
g)	3½ X 95 sq. mm	250	meter	310.00	77,500.00
h)	3½ X 120 sq. mm	250	meter	385.00	96,250.00
21	Supply of Copper Conductor, FR PVC insulated, PVC sheathed, un-armoured power cable of 1.1 KV grade of following Sizes conforming to IS 694 as amended upto date as required. [AS AND WHEN REQUIRED BASIS ONLY]				
a)	3c x 1.5sq.mm	500	meter	35.00	17,500.00
b)	3c x 2.5sq.mm	500	meter	56.00	28,000.00
c)	3c x 4sq.mm	200	meter	85.00	17,000.00
d)	4c x 4 sq.mm	200	meter	110.00	22,000.00
e)	3c x6 sq.mm	200	meter	127.00	25,400.00

Sl.No.	Description of Items	Qty	Unit	Basic rate (Excluding GST)	Amount (Excluding GST)
SH-IV	DSR ITEMS & SUPPLY OF MATERIAL				
22	Execution of works as per CPWD Delhi Schedule of Rate (E&M) 2018 as and when required for a fixed amount for 1 st year and 2 nd year as mentioned below. (Note: Rate shall be quoted for 1 st year and 2 nd year in the Indian Rupees only for a fixed amount of Rs.10,00,000/- as clarified below and as per techno-commercial specification P.No TCS -17 of tender document.				
a)	For 1st year - For a fixed amount of Rs.10,00,000/- on CPWD Delhi Schedule of Rate (E&M) 2018 <i>For Example: If desired to quote 5% above on DSR-2018 rates, the rate column shall be filled as Rs.10,50,000/- If desired to quote 5% below on DSR-2018 rates, the rate column shall be filled as Rs.9,50,000/-</i>	1	Job	770000.00	770,000.00
b)	For 2nd year - For a fixed amount of Rs.10,00,000/- on CPWD Delhi Schedule of Rate (E&M) 2018 <i>For Example: If desired to quote 5% above on DSR-2018 rates, the rate column shall be filled as Rs.10,50,000/- If desired to quote 5% below on DSR-2018 rates, the rate column shall be filled as Rs.9,50,000/-</i>	1	Job	770000.00	770,000.00
TOTAL EXCLUSIVE OF GST					19,215,800.00

(Rupees one Crore Ninety Two Lakhs Fifteen Thousand and Eight Hundred only)


 (W. Francis Xavier)
 Joint General Manager (Engg - Elect)-II
 For and on behalf of the Chairman,
 Airports Authority of India.