



भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

No. AAM/ENGG/ELEC/AMED-I/902/3/2021-2022/A-18

29.09.2021

**M/s Lakshmi Electrical Enterprises,
No. 1C, CLC Works Road,
New Colony, Chrompet,
Chennai 600 044.**

Name of work: **Facility Management Services of GLF, Apron Flood Lighting, Perimeter lighting System etc. at Chennai Airport.**

Ref. No. : **Your E-bid for Tender Id. 2021_AAI_84168_1.**

Dear Sir(s),

1. Your e-tender for the above mentioned work has been accepted on behalf of the Chairman, Airports Authority of India, at the item rates quoted by you totaling to **₹ 1,57,14,788.00 (Rupees One Crore Fifty Seven Lakhs Fourteen Thousand Seven Hundred and Eighty Eight Only)** excluding GST which is **20.30% (Two Zero Decimal Three Zero Percent)** below the justified cost of **₹ 1,97,18,494.00**.
2. Jt. Gen. Mgr. (Engg.-Elect.), Operational Offices, Airports Authority of India, Chennai Airport, Chennai – 600 016 shall be the Engineer-in-Charge of the work. You are requested to attend the office of Jt. Gen. Mgr. (Engg. -Elect.), AAI, Chennai Airport by **07.10.2021** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value ₹ 100.00 (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.
3. Please deposit an amount of **₹ 15,71,479.00 (Rupees Fifteen Lakhs Seventy One Thousand Four Hundred and Seventy Nine 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 1A on page 16 of Contract Document.
4. You are also directed to contact Asst. Gen. Manager (Engg. - Elect.), Airport Maintenance Electrical Division-I, Operational Office, Airports Authority of India, Chennai Airport immediately for the execution of the above work.
5. Please note that the time allowed for carrying out the work shall be **24 (Twenty Four Months)** and same shall be reckoned from **01.10.2021**.
6. Any further correspondence in connection with the contract should normally be addressed to the Engineer-in-Charge.
7. 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.

फैक्स: 044 - 2256 0008 ई पी ए बी एक्स: 2256 0551, चेन्नई हवाई अड्डे, चेन्नई – 600 016
Fax: 044 - 2256 0008 EPABX: 2256 0551, Chennai Airport, Chennai – 600 016



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8. You are requested to submit original duly notarized declaration regarding blacklisting/debarring of the firm on non-judicial stamp paper of ₹ 100.00 and attested by a first class magistrate/notary public.

Yours faithfully,

W. Francis Xavier
29/9/24

(W. FRANCIS XAVIER)
Jt. G.M. (Engg. -Elect.),
For and on behalf of the Chairman,
Airports Authority of India.

वि. फ्रांसिस जेवियर / W.FRANCIS XAVIER
संयुक्त महाप्रबंधक (अभि-विद्युत)
Jt. General Manager (Engg - Elect)
भा.वि.प्रा. चेन्नई हवाई अड्डा, चेन्नई - 600016.
AAI, Chennai Airport, Chennai - 600 016.

AIRPORTS AUTHORITY OF INDIA
CHENNAI AIRPORT::CHENNAI - 600 016
SCHEDULE OF WORK

Name of Work: Facility Management Services of GLF, Apron Flood Lighting, Perimeter Lighting System etc. at Chennai Airport.

S. No.	Description of Work	Qty	Basic Rate	Unit	Amount
SH-I : MONITORING AND MAINTENANCE OF GLF SYSTEM					
1	Monitoring and Maintenance of Utility Services for complete Runway Ground Lighting facilities in the Operational area and CCR Hall (As per Annexure A - List of Inventories) round the clock 24 x 7 basis (Three Shift Basis - 8 Hours For One Shift), Monitoring, Control and General Maintenance for 100% Serviceability including co-ordination with co-existing stakeholders i/c providing consumable material like cotton waste, oil, grease & other sundry material required for cleaning etc., attending minor faults / breakdown of Equipments / Repairs / Replacement of defective components of GLF system with AAI Supplied New Components, ensuring 100% Serviceability / satisfactory working condition of the Systems, Routine and General Preventive Maintenance on Daily / Weekly / Monthly / Quarterly / Half Yearly / Yearly Basis as per Standard Manufacturers' Practices and as per Techno Commercial Specifications (TCS), Maintenance of Records and Log Books and reporting as and when required, complete Upkeeping of the GLF Installations etc. on all days including Sundays & Holidays as specified and as directed by Engineer-In-Charge as required.	24 Months	3,15,662.00	Month	75,75,888.00
Total of SH-I					75,75,888.00
SH-II : MONITORING AND MAINTENANCE OF APRON LIGHTING, PERIMETER LIGHTING ETC.					
2	Monitoring and Maintenance of Utility Services for Apron Lighting covering high masts and connected power supply system etc., Perimeter Lighting system covering perimeter lights and connected power supply system, Sliding / Swing gates etc. in the Operational area and Power houses at various locations (As per Annexure B - List of Inventories) round the clock 24 x 7 basis (Three Shift Basis - 8 Hours For One Shift), Monitoring, Control and General Maintenance for 100% Serviceability including co-ordination with co-existing stakeholders i/c providing consumable material like cotton waste, oil, grease & other sundry materials required for cleaning etc., attending minor faults / breakdown of Equipments / Repairs / Replacement of defective components of Apron Lighting, Perimeter Lighting & Sliding / Swing gates with AAI Supplied New Components, ensuring 100% Serviceability / satisfactory working condition of the Systems, Routine and General Preventive Maintenance on Daily / Weekly / Monthly / Quarterly / Half Yearly / Yearly Basis as per Standard Manufacturers' Practices and as per Techno Commercial Specifications (TCS), Maintenance of Records and Log Books and reporting as and when required, complete Upkeeping of the apron lighting / perimeter lighting system etc. on all days including Sundays & Holidays as specified and as directed by Engineer-In-Charge as required.	24 Months	2,41,825.00	Month	58,03,800.00
3	Hire charges for providing one vehicle without Driver (4 wheeler, Non-AC Boloro or equivalent) for attending maintenance of Perimeter Lighting system, Apron flood lighting system and other E&M installations round the clock 24X7 basis complete with required fuel, oil, insurance, road tax etc. in good condition.	24 Months	35,000.00	Month	8,40,000.00
Total of SH-II					66,43,800.00
SH-III : WORKS					
4	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size upto 35 mm ² as required on surface.	400 m	30.00	Metre	12,000.00
5	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 35 mm ² but not exceeding 95 mm ² as required on surface.	200 m	40.00	Metre	8,000.00
6	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 185 mm ² but not exceeding 400 mm ² as required on surface.	25 m	100.00	Metre	2,500.00
7	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size upto 35 mm ² as required In existing RCC / Hume / Stoneware / Pipe.	100 m	25.00	Metre	2,500.00

8	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 35 mm ² but not exceeding 95 mm ² as required In existing RCC / Hume / Stoneware / Pipe.	100 m	30.00	Metre	3,000.00
9	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 185 mm ² but not exceeding 400 mm ² as required In existing RCC / Hume / Stoneware / Pipe.	50 m	80.00	Metre	4,000.00
10	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE aluminium conductor power cable of 1.1 KV grade of size exceeding 185 mm ² but not exceeding 400 mm ² as required Direct in ground including excavation, sand cushioning, protective covering, refilling the trench etc. as required.	100 m	400.00	Metre	40,000.00
11	Retrieval of existing faulty 1.1 KV grade LT UG cable of size exceeding 35 mm ² and not exceeding 95 mm ² laid directly in ground including excavation of earth, sand and re-laying the same cable direct in ground with sand cushioning, protective covering and refilling the same etc. as required.	200 m	260.00	Metre	52,000.00
12	Retrieval of existing faulty 1.1 KV grade LT UG cable of size exceeding 185 mm ² and not exceeding 400 mm ² laid directly in ground including excavation of earth, sand and re-laying the same cable direct in ground with sand cushioning, protective covering and refilling the same etc. as required.	200 m	300.00	Metre	60,000.00
13	Supplying and making end termination with brass compression gland and aluminium lugs for 4C 10 mm ² size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	20 Nos	200.00	Each	4,000.00
14	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 35 mm ² size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	10 Nos	300.00	Each	3,000.00
15	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 70 mm ² size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	2 Nos	350.00	Each	700.00
16	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 95 mm ² size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	5 Nos	500.00	Each	2,500.00
17	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 240 mm ² size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required.	5 Nos	700.00	Each	3,500.00
18	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 300 mm ² size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required as required.	2 Nos	800.00	Each	1,600.00
19	Supplying and making end termination with brass compression gland and aluminium lugs for 3.5C 400 mm ² size of PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade as required as required.	2 Nos	900.00	Each	1,800.00
20	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 70 mm ² PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2 Nos	3,000.00	Each	6,000.00
21	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 95 mm ² PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2 Nos	3,000.00	Each	6,000.00
22	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 240 mm ² PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2 Nos	4,000.00	Each	8,000.00

23	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 300 mm ² PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2 Nos	5,000.00	Each	10,000.00
24	Supply and making straight through cable joint with heat shrinkable cable jointing kit including ferrules and other jointing materials for 3.5C 400 mm ² PVC / XLPE insulated PVC sheathed armoured Aluminium conductor power cable of 1.1KV grade as required.	2 Nos	6,000.00	Each	12,000.00
25	Supply and laying of ISI marked HDPE pipe as per IS 4984 with upto date amendments, 63 mm OD of PE 80 PN 6 direct in ground at a average depth of 750 mm i/c excavation and refilling the same as required.	250 m	190.00	Metre	47,500.00
26	Supply and laying of ISI marked HDPE pipe as per IS 4984 with upto date amendments, 90 mm OD of PE 80 PN 6 direct in ground at a average depth of 750 mm i/c excavation and refilling the same as required.	200 m	200.00	Metre	40,000.00
27	Supply & Laying of 50mm dia size B class G.I pipe for road crossing at a depth of 200mm i/c cutting bituminous surface, re-filling with cement concrete of 1:2:4 and making good the same as required.	20 m	550.00	Metre	11,000.00
28	Providing and fixing of multi prong lightning conductor finial fixed over a copper tube of 1200mm with 6"dia, copper ball with 05 no.s of prongs dia 6 mm thick Copper base plate including holes etc. complete as required.	10 Nos	1,450.00	Each	14,500.00
29	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	150 m	110.00	Metre	16,500.00
30	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For Vertical run)	25 m	100.00	Metre	2,500.00
31	Providing and fixing of loop in loop out control box made by SMC box sintex GSJB 2520 make having hinged single door with locking arrangement & consisting of bakelite connector etc. as required.	20 Nos	850.00	Each	17,000.00
32	Supply, Installation, Testing and Commissioning of new winch with motor with suitable bracket including necessary welding and drilling required with fasteners, making connections of lantern carriage with existing iron rope all accessories complete etc., as required.	20 Nos	49,000.00	Each	9,80,000.00
Total of SH-III					13,72,100.00
SH-IV : SUPPLY					
33	Supply of following size of XLPE insulated PVC sheathed Aluminium conductor armoured power cable of 1.1 KV grade conforming to IS-7098 Part-I amended upto date etc. complete as required. a) 4 x 10 mm ²	1000 m	105.00	Metre	1,05,000.00
34	Supply of LED traffic signal light fitting. Size 200 / 300mm dia, poly carbonate body, visible upto 500m and suitable for operation on 230V, 50Hz single phase supply. Colour Red - Static	2 Nos	3,000.00	Each	6,000.00
35	Supply of LED traffic signal light fitting. Size 200 / 300mm dia, poly carbonate body, visible upto 500m and suitable for operation on 230V, 50Hz single phase supply. Colour Green - Static	2 Nos	3,000.00	Each	6,000.00
36	Supply of LED traffic signal light fitting. Size 200 / 300mm dia, poly carbonate body, visible upto 500m and suitable for operation on 230V, 50Hz single phase supply. Colour Amber-flashing.	2 Nos	3,000.00	Each	6,000.00
Total of SH-IV					1,23,000.00
Total of SH-I, II, III & IV					1,57,14,788.00

Rupees One Crore Fifty Seven Lakhs Fourteen Thousand Seven Hundred and Eighty Eight Only

W. FRANCIS XAVIER
JGM(E-E)

वि. फ्रांसिस जेवियर / W.FRANCIS XAVIER
संयुक्त महाप्रबंधक (अभि-विद्युत)
Jt. General Manager (Engg - Elect)
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AAI, Chennai Airport, Chennai - 600 016.