



CHENNAI AIRPORT

ISO 9001:2015, ISO 14001:2015 & CHSAS 18001:2007 CERTIFIED AIRPORT

भारतीय विमानपत्तन प्राधिकरण

AIRPORTS AUTHORITY OF INDIA

AAM/ENGG-ELECT/AMED-II/FMC/2024-25/A-34

27.11.2024

//BY SPEED POST/ E-MAIL//

WORK ORDER

M/S STERLING AND WILSON PVT. LTD.
No.2, 1ST MAIN ROAD,
GK INDUSTRIAL ESTATE,
ALAPAKKAM,
CHENNAI - 600116.

**NAME OF WORK: FACILITY MANAGEMENT SERVICES AND REPAIR & MAINTENANCE
WORKS FOR INTERNAL & EXTERNAL ELECTRICAL INSTALLATIONS AT TERMINALS T1, T2
& T4 AT CHENNAI AIRPORT.**

REF: 1. TENDER ID: 2024_AAI_210657_1

2. YOUR E-TENDER OPENED ON 11.11.2024.

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 **₹4,50,00,000.00 (Four Crore and Fifty Lakh Only) Excluding GST, EPF & Bonus** which is **14.08%** Below the Estimated Cost put to tender ₹ 5,23,76,666.00 (Rupees Five Crore Twenty-Three Lakhs Seventy Six Thousand Six Hundred and Sixty-Six Only) Excluding GST, EPF & Bonus.
2. Dy. General Manager (Engg-Elect), AMED-II, Operational Offices, 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 Dy. General Manager (Engg-Elect), AMED-II, AAI, Chennai Airport on or before 04.12.2024 to sign and complete the contract agreement. The contract agreement shall be executed on the 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. Security Deposit shall 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) Act 1971 and minimum wages act and rules thereof Central and State Governments.
5. Please note that the time allowed for carrying out the work shall be 24 **(Twenty-Four) Months** and same shall be reckoned from 01.12.2024 to 30.11.2026.

फैक्स: 044 - 2256 0008 ईपीएबीएक्स: 2256 0551, चेन्नईहवाईअड्डे, चेन्नई - 600 016.
Fax: 044 - 2256 0008 EPABX: 2256 0551, Chennai Airport, Chennai - 600 016.



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6. You are also directed to contact Senior Manager (E-E), Airport Maintenance Electrical Division II, Operational Offices, Airports Authority of India, Chennai Airport immediately for the execution of above mentioned work.
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 Work (03 Pages)

Yours faithfully,

A. Dhanuskodi 27.11.2024

A. DHANUSKODI
DGM (Engg-Elect), AMED-II,
AAI/Chennai Airport.



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AIRPORTS AUTHORITY OF INDIA
चेन्नै एयरपोर्ट:: चेन्नै 600 027
CHENNAI AIRPORT:: CHENNAI 600 027

SCHEDULE OF WORK

NAME OF WORK : Facility Management Services and Repair & Maintenance Works for Internal & External Electrical Installations at Terminals T1, T2 & T4 at Chennai Airport.

Sl. No.	Description of Items	Qty	Rate	Unit	Amount
1.00	SUB - HEAD - I (Facility Management Services for New Domestic and International Terminal)				
1.01	Facility management for all Internal and External Electrical installations at Terminal Building T1 and its ancillary buildings etc. to ensure satisfactory serviceability through providing repair/maintenance services for all Internal & External Electrical installations involving repairs and maintenance of LT feeders at switch rooms, repair/replacement of circuit wiring, switches, lamps, fixtures, DB's (Materials shall be issued by AAI) i/c providing consumable materials like cotton waste, oil, grease, insulation tape (HT/LT) etc. & other sundry material required for cleaning at site etc. as required, including ensuring 100% serviceability of all Electrical installations in Terminal Building (including city side and air side), preventive maintenance, maintenance of records / data entries and documentation including effective supervision etc. as per the detailed specifications, special conditions, terms and conditions covered under the tender clauses for round the clock in 3 shifts on all days including Sundays and Holidays.	24 Mon	8,10,419.74	Month	1,94,50,073.76
1.02	Facility management for all Internal and External Electrical installations at Terminal Building T4 and its ancillary buildings etc. to ensure satisfactory serviceability through providing repair/maintenance services for all Internal & External Electrical installations involving repairs and maintenance of LT feeders at switch rooms, repair/replacement of circuit wiring, switches, lamps, fixtures, DB's (Materials shall be issued by AAI) i/c providing consumable materials like cotton waste, oil, grease, insulation tape (HT/LT) etc. & other sundry material required for cleaning at site etc. as required, including ensuring 100% serviceability of all Electrical installations in Terminal Building (including city side and air side), preventive maintenance, maintenance of records / data entries and documentation including effective supervision etc. as per the detailed specifications, special conditions, terms and conditions covered under the tender clauses for round the clock in 3 shifts on all days including Sundays and Holidays.	24 Mon	8,49,696.39	Month	2,03,92,713.36
1.03	Facility management for all Internal and External Electrical installations at Terminal Building T2 and its ancillary buildings etc. to ensure satisfactory serviceability through providing repair/maintenance services for all Internal & External Electrical installations involving repairs and maintenance of LT feeders at switch rooms, repair/replacement of circuit wiring, switches, lamps, fixtures, DB's (Materials shall be issued by AAI) i/c providing consumable materials like cotton waste, oil, grease, insulation tape (HT/LT) etc. & other sundry material required for cleaning at site etc. as required, including ensuring 100% serviceability of all Electrical installations in Terminal Building (including city side and air side), preventive maintenance, maintenance of records / data entries and documentation including effective supervision etc. as per the detailed specifications, special conditions, terms and conditions covered under the tender clauses, on all days including Sundays and Holidays as specified and as per direction of Engineer-In-Charge as required.	24 Mon	1,78,182.95	Month	42,76,390.80

Sl. No.	Description of Items	Qty	Rate	Unit	Amount
2.00	SUB HEAD-II: Rate Contract for DSR SCHEDULE ITEMS (Separate man power other than man power mentioned in SH-I shall be deployed on as and when required basis.				
2.01	Execution of Items of CPWD Delhi Schedule Rates (DSR) E&M 2022 as and when required for attending Repair and Maintenance, Breakdowns and Upkeep of Internal and External Electrical Installations as per Direction of Engineer-In-Charge at All Locations under Chennai Airport conforming to CPWD General Specifications for Electrical Works Part-I (Internal) 2023, Part-II (External) 2023 and Part-IV (Substation) 2013 and also to relevant BIS Specifications. Note: The Bidder shall quote the Rate in INR only for the Job corresponding to the Base Rate (Rs. 20,00,000.00 as per Proposed Estimate) and Percentage (%) Above/ Below shall be calculated by AAI (Based on Quoted Rate w.r.t Base Rate) and the same % shall be calculated by AAI (Based on Quoted Rate w.r.t Base Rate) and the same % worked out will be applied on DSR Rates while executing the DSR Items and will be paid as per Payment Methodology given in Annexure - B).	1 Job	2,58,590.13	As per DSR-2022	2,58,590.13
3.00	SUB - HEAD - III : Miscellaneous Electrical works like rewinding of Air circulators, Calibration of meters, Overhauling and servicing of ACB's etc. as and when required basis.				
3.01	Rewinding of following fans as per original characteristics with super enamelled copper wire and 'E' class insulation material, replacement of the worn out bearing etc., as required i/c dismantling, making arrangement 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 basis).				
3.02	a) 600mm Sweep air circulators	10 Nos.	431.00	Each	4,310.00
3.03	b) 450mm Sweep air circulators	10 Nos.	387.90	Each	3,879.00
3.04	c) 1200mm Sweep ceiling fan	10 Nos.	387.90	Each	3,879.00
3.05	d) 400mm Sweep wall mounting/pedestal fan	10 Nos.	387.90	Each	3,879.00
3.06	e) 300 mm Exhaust fan	10 Nos.	431.00	Each	4,310.00
3.07	f) 450 mm Exhaust fan	10 Nos.	474.14	Each	4,741.40
3.08	g) Roof air extractor (Up to 5 HP)	4 Nos.	3,879.31	Each	15,517.24
4.00	Calibration of following Electrical measuring instruments and submission of certificate regarding calibration etc. from NABL accredited laboratories as required.				
4.01	a) Lux meter	4 Nos	1,508.62	Each	6,034.48
4.02	b) Clamp meter	4 Nos	689.66	Each	2,758.64
4.03	c) Insulation Tester	4 Nos	1,206.90	Each	4,827.60
4.04	d) Multimeter	4 Nos	689.66	Each	2,758.64
4.05	e) Earth tester	4 Nos	1,034.48	Each	4,137.92
5.00	Inspection/Overhauling/Serviceing of ACBs of L&T/ C&S/ ABB Make of Various Capacities provided in the various LT Panels at Various locations of Terminal T1 & T4 by Deploying Authorised Service Personnel of Manufacturer/ Service Dealer including cleaning of ACBs, opening the same, inspection, servicing, cleaning of contact surfaces, arc chutes, overhauling of operating mechanism, lubrication of moving parts, Checking of UV Coils, Trip Circuits, Checking of Control Circuits, replacement of minor defective spares supplied by AAI (excluding supply of spares), testing and commissioning etc., as required.	60 Nos	1,034.48	Each	62,068.80
6.00	Repair of existing DB's by replacing required accessories like Hinges, magnetic locks and providing handles for opening DB's including painting with approved colour of two coats etc. as required.	50 Jobs	1,293.10	job	64,655.00
7.00	Providing lettering for LT Panel boards, DB's, Street light Pole as per the direction of Engineer-in-Charge etc. as required.	6000 Letter	6.90	Letter	41,400.00
8.00	Spray Painting of LT feeder pillars/DB's at Terminals T1 & T4 car park with one coat or primer and two coats of synthetic enamel paint of approved shade, quality and brand including scrapping, cleaning the surface etc. as required.	500 Sq. mtr.	150.00	sq.mtr	75,000.00

Sl. No.	Description of Items	Qty	Rate	Unit	Amount
9.00	Servicing and replacement of defective Stainless steel hand drier spares like Euronics, Kallerians & Anand make (Spares shall be supplied by AAI) as required.	200 Jobs	100.00	job	20,000.00
10.00	Painting of 4 Mtr height Street light pole at Terminals T1 & T4 car park with one coat of primer and two coats of Aluminium paint of approved shade, quality and brand including scrapping, cleaning the surface etc. as required.	200 Jobs	150.00	job	30,000.00
11.00	Supply of Panel lock having size of 20mm dia with key	1,000 Nos	80.00	Each	80,000.00
12.00	Supply of following spares for Stainless steel Hand dryer of Euronics, Kallerians and Anand make or equivalent on as and when required basis.				
12.01	a) Sensor Mounting Plate	25 Nos	287.00	Each	7,175.00
12.02	b) Blower Cover	25 Nos	782.00	Each	19,550.00
12.03	c) Regulator	25 Nos	1,188.00	Each	29,700.00
12.04	d) Relay	25 Nos	485.00	Each	12,125.00
12.05	e) Back Plate	25 Nos	683.00	Each	17,075.00
12.06	f) Air Nozzle	25 Nos	287.00	Each	7,175.00
12.07	g) carbon Set	25 Nos	247.00	Each	6,175.00
12.08	h) Motor	25 Nos	500.00	Each	12,500.00
12.09	i) PCB	25 Nos	500.00	Each	12,500.00
12.10	j) Sensor	25 Nos	500.00	Each	12,500.00
12.11	k) Transformer	25 Nos	386.00	Each	9,650.00
12.12	l) Element	25 Nos	386.00	Each	9,650.00
12.13	m) Sensor Cover	25 Nos	119.00	Each	2,975.00
12.14	n) Motor Supporting Plate	25 Nos	386.00	Each	9,650.00
12.15	o) Motor Gripper	25 Nos	387.00	Each	9,675.00
13.00	SH-IV Technical Consultancy Services for obtaining Renewal of consent from TNPCB				
13.01	Preparation and online submission of application for seeking renewal of Consent to Operate under Water & Air Acts, providing technical assistance to AAI in attending queries on both online and site inspection by TNPCB officials, follow up and obtaining renewal of consent to operate license from TNPCB for Chennai Airport for the following period:				
13.02	a) For the year 2025-26	1 Job	5,000.23	Job	5,000.23
13.03	b) For the year 2026-27	1 Job	5,000.00	Job	5,000.00
Total Rs.					4,50,00,000.00

(Rupees Four Crore and Fifty Lakh Only) Excluding GST & EPF, Bonus


 27.11.2024
(A. DHANUSKODI)
 Dy. Gen. Mgr (E-E)
 AAI/Chennai Airport