



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

No: AAM/ENGG/ELEC/AMED-II/FMC/2020-21/1034/A-23

Date: 20.11.2020

To,
M/s. Shraddha Engineering and Facility Services,
No.1-1-100/1/3, NH-5 Road, Sector-4,
MVP Colony,
Visakhapatnam – 530017.

Name of Work:- Facility Management Services Contract for all Electrical Installations at New Domestic and New International Terminals at Chennai Airport, Chennai.

Tender ID :- 2020_AAI_59684_1

Your e-Tender Opened on: 02.11.2020

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 **Rs.3,01,92,862.00 (Rupees Three Crore One Lakh Ninety Two Thousand Eight Hundred Sixty Two Only)** Which is **12.02% below** the Estimated Cost put to tender of **Rs. 3,43,16,676.00 (Rupees Three Crore Forty Three Lakhs Sixteen Thousand Six Hundred Seventy Six Only)** excluding GST.
2. Joint General Manager Engineering (Elec), 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 Joint General Manager Engineering (Elec), EMD, AAI, Chennai Airport on or before **30.11.2020** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs.100/- (Rupees One Hundred Only) and the cost of the stamp paper shall be borne by you.
3. Please deposit amount of **Rs. 30,19,286.00 (Rupees Thirty Lakh Nineteen Thousand Two Hundred Eighty Six 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 thereof Central and State Governments.
5. You are also directed to contact Assistant General 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 **24 (Twenty Four) Months** and same shall be reckoned from 01.12.2020 to 30.11.2022.

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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,

(S.NATARAJAN)

Jt. General Manager (Engg.-Elect)-III
AAI Chennai.

Encl: Schedule of Quantities (04 Pages)

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AIRPORTS AUTHORITY OF INDIA
 चेन्नै ऐयरपोर्ट:: चेन्नै 600 027
CHENNAI AIRPORT:: CHENNAI 600 016

SCHEDULE OF QUANTITIES

NAME OF WORK : Facility Management Services Contract for all Electrical Installations at New Domestic and New International Terminals at Chennai Airport, Chennai.

Sl. No.	Description of Items	Qty	Rate	Unit	Amount
SUB HEAD - I : Facility Management Services Contract.					
1	Facility management services for all Internal and External Electrical installations at New Domestic Terminal Building and its ancillary buildings etc. to ensure satisfactory serviceability through providing man power (as per clause No. 39 of SCC) for attending minor faults/ repair/replacement of defective components/ maintenance of LT feeders at switch rooms, point/circuit/sub main wiring, switches, lamps, chokes, fixtures, DB's (Required replacement of materials shall be issued by AAI) i/c providing consumable material like cotton waste, oil, grease, insulation tape, other sundry material etc. as required for cleaning at site. including ensuring 100 % serviceability of EI installations in passenger movement area, routine and general preventive maintenance, maintenance of records / log books and reporting as and when required ,effective supervision, upkeeping of all switch rooms etc.on round the clock basis on all days including Sundays and holidays as specified and as directed by Engr-in charge as per the terms and conditions of contract covered under the agreement. Two Years (01.12.2020 to 30.11.2022)	24 Months	5,92,468.00	Month	1,42,19,232.00
2	Facility management services for all Internal and External Electrical installations at New International Terminal Building and its ancillary buildings etc. to ensure satisfactory serviceability through providing manpower (as per clause No. 39 of SCC) for attending minor faults/ repair/replacement of defective components/ maintenance of LT feeders at switch rooms, point/ circuit/ submain wiring, switches, Lamps, chockes, fixtures, DBs. (Required replacement of materials shall be issued by AAI) i/c providing consumable material like cotton waste, oil, grease, insulation tap, other sundry material etc., as reuired for cleaning at site including ensuring 100% serviceability of EI installations in passenger movement area, routing and general preventive maintenance, maintenance of records/ log books and reporting as and when required, effective supervision, keeping of all switch rooms etc. on round clock basis on all days including sundays and holidays as specified and as directed by Engineering-in-charge as per the terms and conditions of the contract covered under the agreement. Two Years (01.12.2020 to 30.11.2022)	24 Months	6,21,255.00	Month	1,49,10,120.00

Sl. No.	Description of Items	Qty	Rate	Unit	Amount
	SUB HEAD-II: Rate contract for DSR SCHEDULE ITEMS as on when required basis.				
	(Separate man power other than man power mentioned in SH-I should be deputed as on when required basis) .				
1	Execution of works as per CPWD Delhi Schedule of rates (E &M) - 2018 as on when required for a fixed amount for 02 years as mentioned below following sub heads: Chapter-1 - WIRING Chapter-2 - MCCB, MCB & DB'S Chapter-5 -EARTHING Chapter-7 -MV CABLE LAYING Chapter-9 -MV CABLE JOINTING & END TERMINATION Chapter-11 - POLE ERECTION Chapter-14 - MISC. CIVIL ITEMS. Note: Rate shall be quoted for 02 Years in the Indian Rupees only, payment of DSR item will be released on the basis of percentage calculation of quoted amount and fixed amount of Rs. 20,00,000.00 as clarified below: (Example If desired to quote 5% above on DSR- 2018 rates, the rate column shall be filled as Rs. 21,00,000.00 If desired to quote 5% below on DSR-2018 rates, the rate column shall be filled as Rs.19,00,000.00) Two Years (01.12.2020 to 30.11.2022)	1 Job	1,00,000.00	Job	1,00,000.00
	SUB HEAD - III : Rate contract for NON SCHEDULE ITEMS as on when required basis.				
	(Separate man power other than man power mentioned in SH-I should be deputed as on when required basis) .				
1	Rewinding with super enamelled copper winding wire, varnishing, baking, overhauling, replacement of ball bearings, capacitor, greasing, refitting etc. of following fans as required: a) 600mm Sweep aircirculators b) 450mm Sweep aircirculators c) 1200mm Sweep ceiling fan d) 400mm Sweep wall mounting/pedestal fan e) 300 mm Exhaust fan f) 450 mm Ehuast fan g) Roof air extractor (Up to 5 HP)	10 Nos. 10 Nos. 10 Nos. 10 Nos. 10 Nos. 10 Nos. 4 Nos.	450.00 400.00 500.00 350.00 400.00 450.00 2,500.00	Each Each Each Each Each Each Each	4,500.00 4,000.00 5,000.00 3,500.00 4,000.00 4,500.00 10,000.00
2	Calibration of following Electrical measuring instruments and producing certificate regarding calibration etc., as required. a) Lux meter b) Clamp meter c) Insulation Tester d) Multimeter e) Earth tester	4 Nos 4 Nos 4 Nos 4 Nos 4 Nos	1,800.00 1,850.00 2,000.00 2,000.00 2,500.00	Each Each Each Each Each	7,200.00 7,400.00 8,000.00 8,000.00 10,000.00
3	Overhauling and Servicing of ACB's of L&T, C&S/GE make of following capacities provided in the various LT Panels by Deploying Authorised Sevice Personnel of Manufactures/ Service Dealer/ Specialised Agencies cleaning of ACB's Opening ithe same inspection, servicing, cleaning of contact surfaces acr fhutes overhauling of doeppraint mechanism, lubrications of moving parts, Checking of UV Coils Trip Circuits, Checking of Control Circuits , testing and commissiong etc. as required.	50 Nos	3,500.00	Each	1,75,000.00

Sl. No.	Description of Items	Qty	Rate	Unit	Amount
4	(a) Dismantling of existing 25-30 mtr high mast along with luminaires, lightening finial, aviation of obstruction lights, Galvanised lantern carriage arrangement, control gear, double drum winch 6 mm dia SS wire rope trailing cable, manual handle and shifting the same to required location as per the instruction EIC.	4 Jobs	10,000.00	Job	40,000.00
	(b) ITC of the existing 25-30 mtr high mast system including Luminaire along with luminaires, lightening finial, aviation of obstruction lights, Galvanised lantern carriage arrangement, control gear, double drum winch 6 mm dia SS wire rope trailing cable, manual handle. complete as required.	4 Jobs	10,000.00	Job	40,000.00
	(c) SITC of foundation bolts manufactured from special steel along with nuts, washers, anchor plates and templates.	4 Jobs	2,000.00	Job	8,000.00
	(d) Construction of suitable shallow foundation with M25 concrete for the highmast considering the safe soil bearing capacity at site as 10 T/sqmtr at 2 metre depth with all materials and labour.	4 Jobs	5,000.00	Job	20,000.00
	(e) Supply of 6mm Stainless Steel Rope	600 Mtrs	20.00	Meter	12,000.00
	(f) Supply of Five Core 4Sq.mm Copper flexible cable	400 Mtrs	35.00	Meter	14,000.00
5	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	350.00	Job	17,500.00
6	Providing lettering for LT Panel boards, DB's, Street light Pole as per the direction of Engineer-in-Charge etc., as required.	6000 Nos	10.00	Each	60,000.00
7	Spray Painting of LT feeder pillars/DB's at NDTC and NITC car park with two coats of synthetic enamel paint of approved shade, quality and brand including scrapping, cleaning and providing metal primer on the surface, etc., as required.	1000 Sq. mtr.	100.00	Sq. Meter	100000
8	Servicing and replacement of defective Stainless steel hand drier spares like Euronics, Kallerians & Anand make and the spares will be supplied from AAI stores etc., as required.	200 Jobs	550.00	Job	110000
9	Painting of 4 Mtr height Street light pole at NDTC and NITC car park with two coats of Aluminium paint of approved shade, quality and brand including scrapping, cleaning and providing metal primer on the surface, etc., as required.	200 Jobs	300.00	Job	60000
SUB HEAD - IV : Rate contract for NON SCHEDULE ITEMS as on when required basis.					
1	Supply of 8Watts 2Pin LED Lamp operating on 230Volts, 50Hz etc., as required.	800 Nos	130.00	Each	1,04,000.00
2	Supply of 7W LED lamp cool day light B22-14 Cap Philips make or equivalent.	150 Nos	45.00	Each	6,750.00
3	Supply of 250 watts Metal Halide Lamp, Philips make HPIT-Plus 250 W or equivalent.	76 Nos	160.00	Each	12,160.00
4	Supply of Open Type Ballast for 1X 250 W SON/MHN/CDM lamp, philips make Cat No. BSN 250 M 363 or equivalent.	40 Nos	100.00	Each	4,000.00
5	Supply of Panel lock having size of 20mm dia with key.	500 Nos	50.00	Each	25,000.00
6	Supply of Panel Indication Lamp - LED type, Size:22.5mm,operating on 230VAC, Gen Next LED L&T make or equivalent.				
	a) Supply of LED panel indication lamps (Red)	50 Nos	20.00	Each	1,000.00
	b) Supply of LED Panel indication lamps (Amber)	50 Nos	20.00	Each	1,000.00

Sl. No.	Description of Items	Qty	Rate	Unit	Amount
	c) Supply of LED panel indication lamps (Blue)	50 Nos	20.00	Each	1,000.00
7	Supply of Stainless steel Hand drier spares for various makes like Euronics, Kallerians and Anand or equivalent.				
	a) Sensor	40 Nos	400.00	Each	16,000.00
	b) Heater	40 Nos	250.00	Each	10,000.00
	c) Wire card	40 Nos	100.00	Each	4,000.00
	d) PCB Board	40 Nos	300.00	Each	12,000.00
	e) Motor	40 Nos	500.00	Each	20,000.00
	f) Shell Cabinet	20 Nos	700.00	Each	14,000.00
Total (Excluding GST) in Rs.					3,01,92,862.00

(Rupees Three Crore One lakh Ninety Two Thousand Eight Hundred Sixty Two Only)


 (S. NATARAJAN)
Jt. Gen. Manager (E-E) -III