

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

No. AAI/ENGG(E)/AMED-IX/FMC of AC/2020-21/ **A-09**

Date: 28.07.2020.

To

M/s. Kelvin Fahren Airtech Private Limited

Ist Floor, No. 7/1, Maloo House,
Plain Street, Off Infantry Road,
Bengaluru Rural,
Karnataka -560051.

Sub: FMC of 4 X 100 TR AC Plant and ACMC for Window, split, Cassette, Ductable Split Air Conditioner & Water Coolers at Chennai International Airport.

Ref: Tender ID: 2020_AAI_45505_1

Tender Ref. No.: AAI/CHE/AMED-IX/2019-20/02.

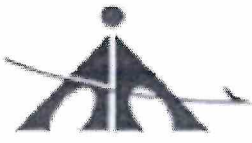
Dear Sir (s),

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. 67,61,680.00 (Rupees Sixty-Seven Lakhs Sixty-One Thousand Six Hundred and Eighty only) which is 5.235 % below the Estimated Cost of 71,35,224.00 (Rupees Seventy One Lakhs Thirty Five Thousand Two Hundred and Twenty Four 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. You are requested to deposit an amount of Rs. 6,76,168.00 (Rupees Six Lakhs Seventy Six Thousand One Hundred and Sixty Eight Only) towards 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.
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.

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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.



भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

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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 5).

(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 ऐयरपोर्ट:: चेन्नै 600 016
CHENNAI AIRPORT:: CHENNAI 600 016
SCHEDULE OF QUANTITIES

NAME OF WORK: FMC of 4 X 100TR AC plant and ACMC for Window, Split, Cassette, Ductable Split Air Conditioner & Water Coolers at Chennai International Airport.

Sl.No.	Description of Items	Qty	Unit	Basic rate (Rs.)	Amount Rs.
SH:I	FMC for 4X100 TR HVAC system in Admin Block				
1	FMC for 4X100 TR HVAC system in Admin Block to ensure satisfactory operations, day to day maintenance; ensuring serviceability for the details of installations and their associated electrical switch gears; including supervision; recording of all activates of HVAC and complying with Techno commercial specifications of contract, other clauses in the tender document; by providing manpower for 2 shifts on all working days i/c Holidays excepts Sundays.	24	Months	204300.00	4,903,200.00
SH:II	FMC & CMC for Air conditioners and Water coolers				
2	FMC with All inclusive Annual Comprehensive Maintenance Contract of following type Air-Conditioners & water coolers including all necessary spares, consumables, filters, compressors etc. carrying out preventive maintenance checks daily/ Monthly/Quarterly/ Half yearly /yearly , break down maintenance and Emergency call service etc. to keep the equipment in perfect working condition etc. and complying with Techno commercial specifications of contract of contract, other clauses in the tender document; by providing manpower as required.				
a)	Window type Air-conditioners of 1.5/2.0 TR capacity of different make.				
	i) First Year	12	Each	1170.00	14,040.00
	ii) Second Year	12	Each	1170.00	14,040.00
b)	Split type Air-conditioners of 1.0 TR capacity of different make				
	i) First Year	4	Each	990.00	3,960.00
	ii) Second Year	4	Each	990.00	3,960.00
c)	Split type Air-conditioners of 1.5 capacity of different make				
	i) First Year	150	Each	1170.00	175,500.00
	ii) Second Year	160	Each	1170.00	187,200.00
d)	Split type Air-conditioners of 2.0 TR capacity of different make				
	i) First Year	40	Each	1350	54,000.00
	ii) Second Year	50	Each	1350	67,500.00
e)	High wall Split type Air-conditioners of 3.0 TR capacity of different make				
	i) First Year	20	Each	2610.00	52,200.00

Sl.No.	Description of Items	Qty	Unit	Basic rate (Rs.)	Amount Rs.
	ii) Second Year	20	Each	2610.00	52,200.00
f)	Split type Vertical Air-conditioners of 3/4.0 TR capacity of different make				
	i) First Year	4	Each	2610.00	10,440.00
	ii) Second Year	4	Each	2610.00	10,440.00
g)	3 Phase, 3.0/ 4.0 Ton Cassette type Air- Conditioners units of different make				
	i) First Year	5	Each	3510.00	17,550.00
	ii) Second Year	5	Each	3510.00	17,550.00
h)	Ductable type Air- Conditioners of 6.0 TR Capacity				
	a) First Year	2	Each	5130.00	10,260.00
	b) Second Year	2	Each	5130.00	10,260.00
i)	Ductable type Air- Conditioners of 9 TR Capacity				
	a) First Year	9	Each	6300.00	56,700.00
	b) Second Year	9	Each	6300.00	56,700.00
j)	Ductable type Air- Conditioners of 16.5 TR Capacity				
	a) First Year	5	Each	12600.00	63,000.00
	b) Second Year	5	Each	12600.00	63,000.00
k)	Comprehensive repair and maintenance of voltage stabilizer upto 5KVA capacity suitable for above split/window A/C units i/c dismantling repairing and refixing etc. as required at site.				
	a) First Year	240	Each	200.00	48,000.00
	b) Second Year	240	Each	200.00	48,000.00
(l)	Annual Comprehensive Maintenance Contract of Kelby/Conway model storage tank capacity 80 Litres and RO Purification at 50 Litres per hour capacity water cooler including all necessary spares, consumables, filters (Carbon & Spun);Taps and compressor etc. (except membrane) to keep the equipment in perfect working condition etc., as required.				
	a) First Year	45	Each	990.00	44,550.00
	b) Second Year	45	Each	990.00	44,550.00
(m)	Annual Comprehensive Maintenance Contract of Kelby Brook brand 125 NHC model for normal, hot & cold water cooler fitted with water purification of UV protection including all necessary spares consumables, filters (Carbon & Spun);Taps and compressor etc. to keep the equipment in perfect working condition etc., as required.				
	a) First Year	3	Each	1170.00	3,510.00
	b) Second Year	3	Each	1170.00	3,510.00

Sl.No.	Description of Items	Qty	Unit	Basic rate (Rs.)	Amount Rs.
(n)	Annual Comprehensive Maintenance Contract of Kelby make 125 litres/ hour capacity / Voltas make Normal Water Cooler fitted with model for normal, hot & cold water cooler including all necessary spares, consumables, filters (Carbon & Spun);Taps and compressor etc to keep the equipment in perfect working condition etc., as required.				
	a) First Year	7	Each	1170	8,190.00
	b) Second Year	7	Each	1170	8,190.00
(o)	Annual Comprehensive Maintenance Contract of Zero B Eco chill water cooler 40-80-40 with inbuilt RO purification system with HRR & ESS Technology having two tap for cold and normal water with stainless steel body including all necessary spares, consumables, filters and RO membrane, Taps and compressor etc to keep the equipment in perfect working condition etc., as required.				
	a) First Year	4	Each	1170	4,680.00
	b) Second Year	4	Each	1170	4,680.00
SH:III MISCELLANEOUS AC & WATER COOLER WORKS					
3	Supply of Membrane suitable for Kelby/ Conway make RO type water coolers etc., complete as required.	600	Each	531	318,600.00
4	Installation, testing and commissioning of following type of AC units of any reputed make in the existing opening i/c fitting of indoor and outdoor unit at their respective locations, drilling holes in the wall using suitable hardwares, ceiling supporting arrangement, leak testing of entire system, charging refrigerant gas in the unit , making good the surface as per requirement of the site, providing of wooden frame ply board and necessary painting with matching colour etc.(if required)complete as required at site.				
a)	Window AC upto 1.5/2 TR	2	Each	360.00	720.00
b)	Split AC upto 1.5/2 TR	20	Each	750.00	15,000.00
c)	Cassette AC upto 1.5/2/3/4 TR	5	Each	1500.00	7,500.00
d)	Tower AC upto 2/3/4 TR	5	Each	1000.00	5,000.00
5	Dismantling of following type Air- Conditioners including In door & Out door units and all accessories etc, and shifting the same to AAI store complete as required.				
a)	Window AC upto 1.5/2 TR	2	Each	200.00	400.00
b)	Split AC upto 1.5/2 TR	20	Each	250.00	5,000.00
c)	Cassette AC upto 1.5/2/3/4 TR	5	Each	350.00	1,750.00
d)	Tower AC upto 2/3/4 TR	3	Each	350.00	1,050.00
6	Supply of cordless remote different make 1.5/2.0 TR/3.0TR split type/window type/tower type/cassette A/C units as required.	30	Each	750.00	22,500.00

Sl.No.	Description of Items	Qty	Unit	Basic rate (Rs.)	Amount Rs.
7	Supply & installation of additional Refrigerant copper piping of suitable size b/w indoor and outdoor units, including protective external covering with 10mm thick closed cell Polyethylene foam insulation or nitrile rubber or PUF with all necessary supports, fittings, brazing, wrapping with plaster and leak proof arrangements as required and recommended by the OEM. Refrigerant copper piping: For 1TR: Suction Tube 1/2" & Liquid Tube 1/4" For 1.5TR: Suction Tube 1/2" & Liquid Tube 1/4" For 2TR: Suction Tube 5/8" & Liquid Tube 3/8" For 3TR: Suction Tube 3/4" & Liquid Tube 1/2" For 4TR: Suction Tube 3/4" & Liquid Tube 1/2"				
a)	SITC of Suction Tube & Liquid Tube for 1TR & 1.5 TR AC	75	meter	500.00	37,500.00
b)	SITC of Suction Tube & Liquid Tube for 2TR AC	50	meter	500.00	25,000.00
c)	SITC of Suction Tube & Liquid Tube for 3TR & 4 TR AC	25	meter	600.00	15,000.00
8	Supplying, of following thickness closed cell elastometric nitrile rubber of class 'O' as per specifications and as required complete in all respect.				
a)	9 mm thick , 5/8' dia	30	meter	50.00	1,500.00
b)	9 mm thick ,1/2' dia	30	meter	50.00	1,500.00
9	Supply of standard outdoor wall bracket with vibration pad of suitable size for different capacity of AC's complete as required at site.				
a)	Split AC upto 1.5/2 TR (Outdoor)	20	Each	750.00	15,000.00
10	Supply of suitable size (not less than 25 mm) drain pipe medium duty with Insulation complete as required and as per satisfaction of EIC	150	Meter	80.00	12,000.00
11	Supply & Fixing of condenser copper coils of following capacity, dismantling of existing old Aluminium coils and shifted to AAI Store etc., complete as req.				
i)	1.5 TR	15	Each	4500.00	67,500.00
ii)	2.0TR	10	Each	5400.00	54,000.00
12	Supply & fixing of 13mm thick class O closed cell Aflex GC cloth faced nitrile rubber dia 25mm with suitable rubber adhesive, finally finished coating poly shield. Inclusive of scaffolding and transportation charges.	300	Meter	180.00	54,000.00

Sl.No.	Description of Items	Qty	Unit	Basic rate (Rs.)	Amount Rs.
13	Supply, installation, testing and commissioning of following nominal size of chilled water piping of MS "C" class Heavy duty pipes with 50mm EPS insulation provided complete with all fittings and accessories like Bends, Tees, reducers, exp. Joints supports, clamps, etc complete as required and as per specification (For pipes of dia. up to 200 mm IS 1239 (1) & above, IS 3589)				
a)	150 mm dia	10	Meter	810.00	8,100.00
b)	100 mm dia	25	Meter	540.00	13,500.00
14	Supply and fixing of 50mm EPS insulation for existing chilled water piping of MS "C" class Heavy duty pipe, etc. complete as required and as per specification.				
a)	150 mm dia	10	Meter	450.00	4,500.00
b)	100 mm dia	25	Meter	540.00	13,500.00

TOTAL (Exclusive of GST) 6,761,680.00

(Rupees Sixty-Seven Lakhs Sixty-One Thousand Six Hundred Eighty only)

W. Francis Xavier
27/8/2020

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

Signature Not Verified

Digitally signed by RAGHURAMA REDDY DODDA
Date: 2020.08.19 12:52:26 IST
Location: eProcurement System for Central PSUs

