



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA



WORK ORDER

संदर्भ सं.: भा.वि.प्रा./सीबीआईए/इंजि(वि)/ ओ एंड सीएमसी एचवीएसी/डब्ल्यू-10/2020-21 दि: 26.11.2020
Ref. No: AAI/CBIA/ENGG (E)/O&CMC HVAC /W-10/2020-21 Date: 26.11.2020

To

BY SPEED POST

M/s. Genius Aircon Private Limited,
No 24, SRP Colony,
2nd Street, Peravallur,
Chennai-600 082
Mail Id: chennaiservice@geniusaircon.in

कार्य का नाम: कोयंबतूर अंतरराष्ट्रीय हवाईअड्डे के पुराने प्रस्थान भवन के ऊपर के कार्यालय भाग जी.एल शीट रूफिंग का प्रावधान के लिए निविदा। उ.शी : 3x330 टी.आर. एचवीएसी संयंत्र और सहायक उपकरणों के संचालन और व्यापक रखरखाव के लिए नौकरी अनुबंध (02 वर्षों के लिए) | Name of Work: ARMO of E&M Installations at Coimbatore International Airport. SH: Job contract for Operation and Comprehensive Maintenance of the 3x330 TR HVAC plant and ancillary equipments (For 02 years).

संदर्भ आपका वित्तीय बोली खोलने का दि./ Ref: Your Financial Bid Opened on 05.11.2020

प्रिय महोदय / Dear Sir,

- 1) उपर्युक्त विषय के संदर्भ में आपके द्वारा उद्धृत मदों के दर को भारतीय विमानपत्तन अध्यक्ष की ओर से स्वीकृत की गयी है, रु. 1,21,57,468.00 जो 12.04 % से कम है अनुमानित लागत रु 1,38,21,511.00 का निविदा डालें। /Your tender for the above mentioned work is accepted on behalf of Chairman, Airports Authority of India at the item rates quoted by you totalling to Rs.1,21,57,468.00 (Rupees One Crore Twenty One Lakhs Fifty Seven Thousand Four Hundred and Sixty Eight Only) which is 12.04 % below the justified cost of Rs. 1,38,21,511.00 (plus applicable GST @ 18% for all items).
- 2) कोयंबतूर अंतरराष्ट्रीय हवाईअड्डा के संयुक्त महा प्रबंधक (इ-वि), कार्य का इंजिनियर प्रभारी होंगे। आपसे अनुरोध है कि दि. 15.12.2020 को, भा.वि.प्रा, कोयंबतूर हवाईअड्डा संयुक्त महा प्रबंधक (इ-वि), के कार्यालय में भाग लेकर करार को हस्ताक्षरित करके पूरा करें। अनुबंध एग्रीमेंट गैर न्यायिक स्टॉप कागज मूल्य रु.100.00 (एक सौ मात्र) के लिए निष्पादित करना है और स्टैंप कागज का मूल्य आपके द्वारा वहन किया जाएगा। / Jt. Gen. Manager (Engg-Elect), AAI, Coimbatore International Airport shall be the Engineer-in-Charge of the work. You are requested to attend the office of the Jt. Gen. Manager (Engg-Elect), AAI, Coimbatore Airport by 15.12.2020 to sign and complete the agreement. The contract agreement shall be executed on a non-judicial stamp paper of value of Rs. 100.00 (Rupees Hundred only) and the cost of the stamp paper shall be borne by you.

Coimbatore International Airport, Coimbatore - 641 014

Phone/fax: 0422-2571668

Web Site: www.airportsindia.org.in

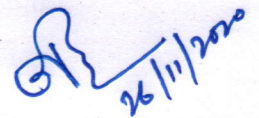


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- 3) आपके टेंडर के साथ प्राप्त रु। 2, 76,430.00 (रुपये दो लाख सत्तर हजार छः हजार और केवल तीस) की अर्जित धन राशि को माना जाएगा और सुरक्षा जमा के हिस्से के रूप में परिवर्तित किया जाएगा। कृपया रु। जमा करें इस पत्र के जारी होने की तिथि से 10 दिनों के भीतर 9, 39,317.00 (रुपए नौ लाख तीस तीस हजार तीन और केवल सत्रह) सिक्योरिटी डिपॉजिट के रूप में, जिसे विफल कर दिया जाएगा, वही आपके चल रहे बिलों में से काट लिया जाएगा। The Earnest money amount of Rs.2, 76,430.00 (Rupees Two Lakhs Seventy Six Thousand Four Hundred and Thirty Only) received along with your tender will be treated and converted as part of security deposit. Please deposit Rs. 9, 39,317.00 (Rupees Nine Lakhs Thirty Nine Thousand Three Hundred and Seventeen Only) as Security Deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from your running bills.
- 4) आपसे अनुरोध है कि केन्द्रीय एवं राज्य सरकार द्वारा प्रावधान ठेका श्रम (विनियम एवं उन्मूलन) अधिनियम 1970 और ठेका श्रम (विनियम एवं उन्मूलन) केन्द्रीय नियम 1971 और न्यूनतम मजदूरी अधिनियम एवं नियमों का पालन करें। / 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 there of central and state Government.
- 5) आपसे यह निर्देश दिया जाता है कि तुरंत भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाईअड्डा, के सहायक महा प्रबंधक (इ-वि) जो इस कार्य के परेषिती है उनसे संपर्क करें। कृपया नोट करें कि इस पत्र जारी के से 24 महीना, 01.12.2020 से 30.11.2022 तक कार्य करने की अनुमति है।/ You are also directed to contact Asst.Gen.Manager (Engg.-Elect) AAI, Coimbatore International Airport immediately who will arrange to handover the site to you. Please note that the time allowed for carrying out the work shall be **24 Months**, which shall be reckoned from **01.12.2020 to 30.11.2022**.
- 6) अनुबंध के संबंध में अन्य पत्राचार के लिए संयुक्त महा प्रबंधक (इ-वि), भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाईअड्डा का संबोधन करें। / Any further correspondence in connection with the contract should normally be addressed to the Jt.Gen.Manager (Engg-Elect), AAI, Coimbatore International Airport.
- 7) कृपया पावती भेजें। / Please acknowledge the receipt.



संयुक्त महा प्रबंधक (इ-वि),
Jt. Gen. Manager (Engg-Elect),
भा.वि.प्रा, कोयंबतूर अंतरराष्ट्रीय हवाईअड्डा,
AAI, Coimbatore International Airport.

अनुलग्नक/Encl: अनुसूची/Schedule 'A'.

Coimbatore International Airport, Coimbatore - 641 014

Phone/fax: 0422-2571668

Web Site: www.airportsindia.org.in

Schedule-A

Name of Work: ARMO of E and M Installations at Coimbatore International Airport. SH Job contract for Operation and Comprehensive Maintenance of the 3x330 TR HVAC plant and ancillary equipments For 02 Years
Tender ID: 2020_AAI_59328_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	GENIUS AIRCON PRIVATE LIMITED (GSTN-33AAECG9150C1ZY)	
				Rate	Amount
	SUB HEAD-A				
1.00	Comprehensive Maintenance contract for the Centralized Air-Conditioning system of Chiller Units (Trane make)-03 Nos, primary pumps (Kirlosakar make)-3 nos, secondary pump (Grundfoss make)- 3 nos with VFD drive panel, condenser pumps (Crompton make) - 3 nos. Cooling Towers (Advance make)-3 nos along with discharge water line and the necessary statutory approvals/clearances obtain by the agency in co-ordination with AAI , make up water tanks for cooling water with 5000 liters capacity - 2 nos. , ceiling suspended and floor mounted air handling units (Zeco make) with starter panels - 27 nos., and associated modulating valves , all types of valves, strainers, all types of dampers, grills, diffusers, nozzles etc in the chilled water circulation system and air circulation system and all other ancillary equipments, Power and Control panels as per the annexure. The work includes carrying out the periodical maintenance/checking of the above equipments as per manufactures recommendations and/or as per the attached technical conditions, attending the breakdown calls for essential within 24 hours & for non -essential within 48 hours. of discussion with concerned engineer. The employer's decision is for the essential & non-essential category will be final. The work also includes repair/replacement of all the spares of chillers, pumps, cooling towers, AHUs and fan coil units, make up water tanks repair/replacement of all gauges, all type of valves, strainers, all type of dampers, diffusers, grills, nozzles, thermostats, switchgears in panels, electrical meters, contactors, timers etc., carrying out all the works required for the smooth operation of the air-conditioning system completer as required.				
1.01	For First Year(2020-21)	12.00	Months	62600.00	751200.00
1.02	For Second year(2021-22)	12.00	Months	62600.00	751200.00
2.00	Comprehensive Maintenance contract for all Inline exhaust fans different size nearly -10 no's. The work also includes repair/replacement of the spares of Inline fans carrying out the periodical maintenance/checking of the above equipments as per manufactures recommendations and/or as per the attached technical conditions, attending the breakdown calls for essential within 24 hours & for non -essential within 48 hours. of discussion with concerned engineer. The employer's decision is for the essential & non-essential category will be final.				
2.01	For First Year(2020-21)	12.00	Months	1300.00	15600.00
2.02	For Second year(2021-22)	12.00	Months	1300.00	15600.00

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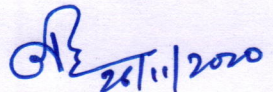
SCHEDULE OF WORK / ITEM(S)					
Sl.No	Description of Work / Item(s)	No.of Qty	Units	GENIUS AIRCON PRIVATE LIMITED (GSTN-33AAECG9150C1ZY)	
				Rate	Amount
3.00	Job Contract for daily operation of 3X330 TR HVAC chiller plant and ancillary equipments in 3 shifts including deputing Supervisor, Shift In-charge/skilled, Semi skilled manpower in all days i/c sundays and holidays complete as required as per enclosed deatiled specifications of work.				
3.01	For First Year(2020-21)	12.00	Months	361384.00	4336608.00
3.02	For Second year(2021-22)	12.00	Months	361384.00	4336608.00
4.00	Annual Maintenance of water softening plant of capacity 5 KL per hour installed at plant, carrying out the regeneration of water softening system to achieve desired output hardness of maximum 250 ppm from a maximum input hardness of 2000 ppm. , including providing neccessary material (common salt) and toping top up resin minimum of 5% of the actual installed capacity as per requirement and atleast once in a year and providing trained manpower, testing the hardness, complete as per specification of work and as required.				
4.01	For First Year(2020-21)	12.00	Months	12000.00	144000.00
4.02	For Second year(2021-22)	12.00	Months	12000.00	144000.00
5.00	Supply and Installation of exposed ducts with 50mm thick EPS wrapped with thermal barrier and GI wire mesh finished with 12mm thick sand cement pasting.	100.00	Sqmtr	900.00	90000.00
6.00	Supply and Installation of external thermal insulation on ducts withself adhesive as per the specs. 9mm thick insulation for sully & return air ducts in air conditioned area.	40.00	Sqmtr	450.00	18000.00
7.00	Supply and Installation of external thermal insulation on ducts withself adhesive as per the specs. 13mm thick insulation for supply & return air ducts in non air conditioned area	60.00	Sqmtr	450.00	27000.00
8.00	Checking Air quantities and do the air balancing at toilet area.	15.00	Each	2000.00	30000.00
9.00	Supply & painting of HVAC System i/c.water pipelines, Pumps, AHU's, Cooling Tower, LT panels & other equipments with removal exisitng salt deposits over all the equipments with saint papper and painting with corrsion resistant paint to match the adjoining areas for maintaining the equipmenet in good & non rusting condition during entire year.				
9.01	For First Year(2020-21)	1.00	Job	70001.00	70001.00
9.02	For Second year(2021-22)	1.00	Job	50001.00	50001.00

Name of Work: ARMO of E and M Installations at Coimbatore International Airport. SH Job contract for Operation and Comprehensive Maintenance of the 3x330 TR HVAC plant and ancillary equipments For 02 Years
Tender ID: 2020_AAI_59328_1

SCHEDULE OF WORK / ITEM(S)

Sl.No	Description of Work / Item(s)	No.of Qty	Units	GENIUS AIRCON PRIVATE LIMITED (GSTN-33AAECG9150C1ZY)	
				Rate	Amount
	SUB HEAD-B				
10.00	Supply, Installation, Testing & Commissioning of Ultra Violet Germicidal Irradiations (UVGI) System to be installed inside the different AHU/CSU's , with coil size and dimensions as mentioned below,work shall consist of providing the UV lamps,with selecting suitable no of UVlamps to achieve the minimum wattage per sq. meter area of cooling coil should be 120 watts, including provision of reflector (if required) with its mounting assembly, individual ballast for each lamp, cabling from nearest power source within AHU room, with cable glanding, other safety equipment's and mounting accessories complete etc. as required and as per technical specification of the tender.				
10.01	AHU - 26000 CFM, Coil Size:2730 X 1830 mm	2.00	Each	100000.00	200000.00
10.02	AHU - 25000 CFM,Coil Size:2720 X 1830 mm	2.00	Each	100000.00	200000.00
10.03	AHU - 20000 CFM,Coil Size:2100 X 1830 mm	2.00	Each	79200.00	158400.00
10.04	AHU - 15000 CFM,Coil Size:1840X 1530 mm	8.00	Each	59400.00	475200.00
10.05	AHU - 4000 CFM,Coil Size:1270 X 770 mm	13.00	Each	21850.00	284050.00
11.00	Supply of 30W Ultra violet Germicidal Irridiation (UVGI) System tubelight with suitable for retrofitting in the exsisting mirror optic fitting, along with driver, other accessories etc.	20.00	Each	3000.00	60000.00
	Total Amount (Rs.)				12157468

(Rupees One Crore Twenty One Lakhs Fifty Seven Thousand Four Hundred and Sixty Eight Only) Plus applicable GST @ 18 % for all items


Jt.Gen.Manager(E-E),
AAI, Coimbatore International Airport