



भारतीयविमानपत्तनप्राधिकरण AIRPORTS AUTHORITY OF INDIA



Ref.No. AAI/RJY/ENGG(E)/CMC of HVAC/2021-22/ 71-81

Date:16.02.2022

To,
M/s Voltas Limited,
Ground Floor,Door No.: 23-24-29,
Beside Nadars Function Hall,
Bhagat Singh Road Corner,
Vijayawada – 520 011.
Email:- giriprasad@voltas.com

Name of work : ARMO of E&M Installations at Rajahmundry Airport for the year 2021-22.
Sub Head : Operation & Comprehensive Maintenance Contract for 3x140 TR Central Air- Conditioning System,AC Units, Water Coolers and Purifiers at Rajahmundry Airport for two Years (2021-2023).
Reference : Your financial bid (Envelope-II) opened on Dt.10.02.2022.(Tender ID: 2021_AAI_100180_1)

Dear Sir(s),

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 **₹42,82,846/- (Rupees Forty Two Lakhs Eighty Two Thousand Eight Hundred Forty Six Only)**(Excluding GST, Bonus and Employer share of EPF & ESI)which is 36.97% below the justified cost of ₹67,95,344/- (Sixty Seven Lakhs Ninty Five Thousand Three Hundred Forty Four Only).
2. Asst. General Manager (Engg-Elect), AAI, Rajahmundry Airport shall be the Engineer-in-Charge of the work. You are requested to attend this office of Asst. General Manager (Engg-E), AAI, Rajahmundry Airport, Rajahmundry by 28.02.2022 to sign and complete the contract agreement. The contract agreement shall be executed on a Non-Judicial stamp paper of value ₹100/- (Rupees One Hundred Only) and the cost of the stamp papers shall be borne by you.
3. Please deposit **₹4,28,285/-**(RupeesFour Lakhs Twenty Eight Thousand Two Hundred Eighty Five Only) towards security deposit within 10 days from the date of issue of this letter, failing which, the same will be deducted from yours running bills as per condition of clause 1Aof GCC of contract document.
4. You are requested to comply with the provisions of Contract Labour (Regulation and Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central Rules 1971, Child Labour (Prohibition & Regulation) Act 1986, construction Works (Regulation of employment and conditions of service) Act 1996, Building and other construction workers welfare cess Act 1996 as specified in Clause-19 on GCC and minimum wages Act 1948, and Employees Provident Fund & Misc. Provision Act, 1952 and ESI Act, 1948 as specified in Clause -20 of GCC of tender and rules thereof Central and State Governments.



कार्यालय राजमंड्रीहवाई अड्डा, मधुरपूडि (पोस्ट), राजमंड्री
O/p The Airport Director, Rajahmundry Airport, Madhurapudi (Post), Rajahmundry - 533 102
टेली फेक्स - Tele/FAX.0883 -2487852,दूरभाष /Phone:- 0883-2020111 Engg E 0883-2020171

Contd...2.

सहायक महा प्रबंधक (अ.वि.)
Asst. General Manager (Engg-Elect)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
Rajahmundry Airport
533 102



भारतीयविमानपत्तनप्राधिकरण AIRPORTS AUTHORITY OF INDIA



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5. You are also directed to contact Supervisor (Engg-Elect)/ Manager-II (Engg-Elect), AAI, Rajahmundry 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 the date **01.03.2022**.
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.

भवदीय/Yours truly,

अनुलग्नक/Encl: Schedule of Quantities.

(एम. मुत्थमिलन/ M. MUTHAMILAN)

सहायक महाप्रबंधक (अभि-वि)/ Asst. General Manager (Engg-E)
भा.वि.प्रा. राजमंड्री हवाई अड्डा/AAI, Rajahmundry Airport
अध्यक्ष के लिए एवं की ओर से/For & On Behalf of The Chairman
भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India.

NOO:-

Copy to :

External

- 1) GM(Engg), AAI, S/R, Chennai Airport, Chennai
- 2) GM(Finance), S/R, Chennai Airport, Chennai
- 3) Jt.GM(Engg-E), AAI, Vijayawada Airport, Vijayawada.
- 4) Jt.GM (Vigilance), AAI, S/R, Chennai Airport, Chennai
- 5) Labour Enforcement Officer (Central), Sr.SE/Tele. Building, Railway Station Premises, Rajahmundry-533101, E.G.Dt.,

Internal:

- 1) Airport Director, AAI, Rajahmundry Airport, Rajahmundry.
- 2) Manager (F&A), AAI, Rajahmundry Airport, Rajahmundry.
- 3) Manager-II (Engg-E), AAI, Rajahmundry Airport, Rajahmundry.
- 4) Supervisor(Engg-E), AAI, Rajahmundry Airport, Rajahmundry.
- 5) Concerned File.



(एम. मुत्थमिलन/ M. MUTHAMILAN)

सहायक महा प्रबंधक (अभि-वि)/ Asst. General Manager (Engg-E)

सहायक महा प्रबंधक (अ.वि.)
Asst General Manager (Engg-Elect)

विमानपत्तननिदेशककाकार्यालय, राजमंड्रीहवाईअड्डा, मधुरपूडि पोस्ट, राजमंड्री-533102
O/o The Airport Director, Rajahmundry Airport, Madhurapudi (Post), Rajahmundry - 533102

दूरभाष /Phone: 0883 - 2020111, टेलीफैक्स Tele /- 0883-2487832

राजमंड्री हवाई अड्डा, Rajahmundry Airport
Rajahmundry - 533102

Schedule of Quantities

Name of Work: ARMO of E&M Installations at Rajahmundry Airport for the year 2021-22.

Sub Head: Operation & Comprehensive Maintenance Contract for 3x140 TR Central Air - Conditioning System, AC Units, Water Coolers and Purifiers at Rajahmundry Airport for Two Years (2021-2023)

Sl. No.	Description of item	Unit	Qty	Rate (Ex.GST)	Amount (Ex.GST)	Remarks
1	Running, Operation and maintenance of 03 x 140 TR HVAC Plant (Air cooled chiller) complete with screw compressors, VFDs, motors, air cooled Chillers with respective pumps & motors, along with interconnected power & control panels, AHUs, ducts, chilled water pipe lines, Split ACs, RO water coolers and associated accessories etc. as specified in special conditions and Particular specifications enclosed. The Job includes satisfactory day-to-day operation by deploying required manpower (in 02 shifts of Eight hours each) & preventive / routine maintenance checks of the systems as per maintenance schedules enclosed in the tender, attending to minor complaints, repairs / rectifications, maintenance of records/registers as per the enclosed special and particular specifications etc complete as required. The following minimum manpower to be deployed by the Contractor. 1) Supervisor (High Skilled) -01 Nos -313 days general shift. 2) AC mechanic Gr-1 (Skilled) -01 Nos-313 days general shift. 3) Operator- Semi Skilled -02 no.s in each shift (365 days)- Total 04 No.s (Note: Contractor has to provide Reliever on Weekly Offs / Holidays of above required staffs except general shift manpower)	Month	24	120491.00	2891784.00	
2	All inclusive Comprehensive Maintenance Contract for 3 Nos x 140 TR Central Airconditioning System (Make: Kirloskar chillers Pvt. Ltd. Model no: KA4.160.14, Air cooled chillers) including all associated equipments such as Chilled Water Pumps, Chilled Water pipeline, AHUs, AC DUCTs, MCC panels,remote control, Control panels including BMS system,all measuring equipments,meters, guages, valves, Toilet Exhaust system, Smoke room Exhaust etc at Rajahmundry Airport as specified in special conditions enclosed. The Job includes attending to complaints on all days 24x7 hrs including Saturdays, Sundays & closed gazetted holidays, repairs /rectification action, supply & replacement of required spares / accessories/parts consumables, rewinding works, Servicing & Overhauls, Periodic inspections, Schedule /Preventive / Breakdown Maintenance by deploying technically qualified & trained manpower as per the enclosed Special conditions of contract and Preventive maintenance check list etc. complete as required.					
2.01	For First Year	Month	12	29966.00	359592.00	
2.02	For Second Year	Month	12	29966.00	359592.00	
3	All inclusive comprehensive maintenance contract and including attending preventive & breakdown maintenance of 1.5/2 TR Single phase Split type / Inverter Split type / Cassette type AC units of various make installed at different locations including providing all necessary consumable items, refrigerant gas & spares, compressor, motor etc. complete as required along with their stabilizers of different make and capacities as per special conditions of contract.					
3.01	For First Year (Rate per AC per Year)	Each per Year	68	1524.00	103632.00	
3.02	For Second Year (Rate per AC per Year)	Each per Year	68	1570.00	106760.00	



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Asst General Manager (Engg-Elect)
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Airports Authority of India
राजमंड्री हवाई अड्डा/Rajahmundry Airport
राजमंड्री/Rajahmundry 533 102

Sl. No.	Description of item	Unit	Qty	Rate (Ex.GST)	Amount (Ex.GST)	Remarks
4	All inclusive comprehensive maintenance contract and including attending preventive & breakdown maintenance of 3TR/4 TR Three phase Split type / Inverter Split type / Cassette type AC units / Vertical Split type AC units. of various make installed at different locations including providing all necessary consumable items, refrigerant gas & spares, compressor, motor etc. complete as required along with their stabilizers of different make and capacities as per special conditions of contract.					
4.01	For First Year (Rate per AC per Year)	Each per Year	24	2625.00	63000.00	
4.02	For Second Year (Rate per AC per Year)	Each per Year	24	2704.00	64896.00	
5	Annual Comprehensive maintenance of RO + water cooler of M/s. Blue Star, Model No. Blue Star SDLX 480; 40 LPH capacity & 20LPH wall mounted RO+ UV based Water purifier (Kent Grand+) at different locations including providing and fixing all necessary consumables and spares as and when required and replacing pre-filter, Sediment filter and Carbon filter at once in a year, carrying out the routine- preventive & breakdown maintenance, monthly servicing, etc. as required. The Job includes visit charges of Service personnel from the Manufacturer or Authorised Service Dealer for carrying out Minimum 01(One) Monthly Preventive Maintenance visit for satisfactory working condition of the system & Breakdown maintenance visit as and when required basis till the complete rectification of the breakdown irrespective of number of visits to attend the same breakdown, complete as required.					
5.01	For First Year (Rate per water cooler per Year)	Each per Year	5	4063.00	20315.00	
5.02	For Second Year (Rate per water cooler per Year)	Each per Year	5	4185.00	20925.00	
6	Annual Comprehensive maintenance of RO water cooler of M/s. CONWAY D 125 WHC; 125 LPH capacity & 25 LPH Capacity, RO+ UV based Water purifier which is inbuilt with the water cooler at different locations including providing and fixing all necessary consumables and spares as and when required and replacing 10" spun candle filter, 10" carbon block, Sediment filter, Membrane and Post carbon at once in a year, carrying out the routine- preventive & breakdown maintenance, monthly servicing, etc. as required. The Job includes visit charges of Service personnel from the Manufacturer or Authorised Service Dealer for carrying out Minimum 01(One) Monthly Preventive Maintenance visit for satisfactory working condition of the system & Breakdown maintenance visit as and when required basis till the complete rectification of the breakdown irrespective of number of visits to attend the same breakdown, complete as required.					
6.01	For First Year (Rate per RO water cooler per Year)	Each per Year	15	4375.00	65625.00	
6.02	For Second Year (Rate per RO water cooler per Year)	Each per Year	15	4507.00	67605.00	
7	Transinstallation of Split type / Inverter Split type / Cassette type AC units including manpower, transport, testing and commissioning etc., complete as required.					
7.01	Upto 2 TR	Job	10	1875.00	18750.00	
7.02	Upto 3TR/4TR	Job	10	3125.00	31250.00	



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Airports Authority of India
राजमंड्री हवाई अड्डा / Rajahmundry Airport
राजमंड्री / Rajahmundry 533 102

Sl. No.	Description of item	Unit	Qty	Rate (Ex.GST)	Amount (Ex.GST)	Remarks
8	Refilling suitable refrigerant gas including leak testing with nitrogen gas, testing and commissioning during transinstallation of AC units etc., complete as required.	Kg	10	1000.00	10000.00	
9	Supply and installation of additional refrigerant copper suction and discharge pipes of suitable size along with foam heat insulated tube wrapped with tape etc complete as required.					
9.01	Upto 2 TR	Mtr	50	688.00	34400.00	
9.02	Upto 3TR/4TR	Mtr	50	938.00	46900.00	
10	Installation testing and commissioning of Split A.C/Window A.C/Tower A.C/Water Cooler of different rating / capacity up to 4 TR. including making holes, plastering, refrigerant gas charging, including 6 sq.mm. copper power input cable from nearest power outlet, testing & commissioning, etc. as per site requirement and as per the direction of the engineer in charge.	Job	15	1188.00	17820.00	

Total Amount 4282846.00

Say 4282846.00

Rupees Fourty Two Lakh Eighty Two Thousand Eight Hundred and Fourty Six Only



(क. अ. त. म. न.)
 Asst. General Manager (Engg - Elect)
 AAI/Rajahmundry Airport

सहायक महा प्रबंधक (अ.वि.)
Asst General Manager (Engg-Elect)
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