



QMS 9001:2015 EMS 14001:2015 CERTIFIED

भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

कलिकट अंतर्राष्ट्रीय विमानपत्तन / CALICUT INTERNATIONAL AIRPORT

कलिकट विमानपत्तन(पी.ओ.) केरल / Calicut Airport (P.O.), Kerala - 673 647

दूरभाष Phone : 0483 2719475, फैक्स/Fax : 0483 2711406, ई-मेल E mail : dgmelect_calicut@aai.aero

By Regd.AD/E-mail

Ref. No. AAI/CL/ENGG(E)/137/WO-21/56

Date: 22.03.2022

**M/s Supertech Engineers,
414, Vishwadeep Janak Place,
Janak Puri,
New Delhi - 110 058**

Name of Work : Operation and Annual Comprehensive Maintenance contract for Centralised HVAC System at Calicut International Airport for 2022-2024.

Ref: : Your financial bid opened on 10.03.2022.

Dear Sir(s),

1. Your e-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.2,03,67,180/- (Rupees Two Crores Three Lakhs Sixty Seven Thousand One hundred and Eighty Only)**
2. Jt. Gen. Manager (Engg-Elect), AAI, Calicut International Airport shall be the Engineer-in-Charge of the work. You are requested to attend the office of Jt. Gen. Manager (Engg-Elect), AAI, Calicut International Airport by **30.03.2022** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value **Rs.200/- (Rupees Two Hundred Only)** and the cost of the stamp paper shall be borne by you.
3. The earnest money amount of **Rs.4,90,000/- (Rupees Four Lakhs Ninety Thousand Only)** received along with your tender will be treated and converted as part of security deposit as per Clause No.1A of Clauses of Contract on Page GCC 17 of the contract document. Please deposit **Rs.15,46,718/- (Rupees Fifteen Lakhs Forty Six Thousand Seven Hundred and Eighteen only)** towards security deposit within 10 days from the date of issue of this letter failing which, the same will be deducted as per condition of Clause No.1 A at page No. GCC 17 of contract document.
4. Within 30 days of issue of acceptance letter, you shall submit to AAI, a Performance Guarantee as per condition of clauseon page.....for an amount of **Rs.15,46,718/- (Rupees Fifteen Lakhs Forty Six Thousand Seven Hundred and Eighteen Only)** in the form of Bank Guarantee on the Proforma appended at Annexure ...onof Contract Document (If it is applicable).

-2-

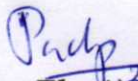
5. You are requested to comply with the provisions of Contract Labour (Regulation and Abolition) Act of 1970 and Contract Labour (Regulation and Abolition) Central Rules 1971 Child Labour (Prohibition & Regulation) Act 1986, Construction of Works (Regulation of Employment and Condition of Services) Act 1996, Building and other construction Workers Welfare Cess Act 1996 as specified in Clause 37 on Page No.67 & 89 of GCC of tender and rules of Central and State Government.
6. You are also directed to contact Manager (Engg-Elect)- II, AAI, Calicut International Airport immediately who will arrange to hand over the site.
7. Please note that the time allowed for carrying out the work shall be **24 (Twenty Four) Months** and same shall be reckoned from **16.04.2022**.
8. Any further correspondence in connection with the contract should normally be addressed to the Engineer- In- Charge.
9. Please note that the awarded rate is exclusive of GST and you are required to submit valid GST invoices for effecting payment.
10. 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.

Thanking you,

Encl: SOQ

Yours faithfully,




Asst. General Manager (Engg-Elect) - I

For and on behalf of the Chairman
Airports Authority of India

22/3/2022

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Asst. General Manager (E-E) - I

Name of Work : Operation and annual comprehensive maintenance contract for Centralised HVAC system at Calicut International Airport for 2022 -2024.

Ref No: AA/CL/JENGG(E)/137/NIT-16/2021-22/

PRICE SCHEDULE						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST	TOTAL AMOUNT In Words
1	2	3	4	5	8	10
1	Annual All Inclusive Comprehensive Maintenance of water cooled complete HVAC system having screw/centrifugal chiller, chilled and condenser water circulating system, cooling tower, AHUs, associated electrical and water softener systems, Air-conditioning Management System (PC and associated field devices such as DDC panels, controllers, sensors etc.) and all as detailed elsewhere in the tender document. The job includes day to day maintenance of the systems, attending to the complaints, repairs/rectification works including consumables, breakdown/ preventive /routine maintenance as per OEM recommendations /maintenance schedules, maintaining records etc. as required. a. International terminal HVAC Installations. (i) First Year (2022-23)	12	Month	242593.00	2911116.00	INR Twenty Nine Lakh Eleven Thousand One Hundred & Sixteen Only

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Sl. No.	Item Description	Quantity	Units	RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST	TOTAL AMOUNT In Words	
1	2	3	4	5	8	10	
2	Annual All Inclusive Comprehensive Maintenance of water cooled complete HVAC system having screw/centrifugal chiller, chilled and condenser water circulating system, cooling tower, AHUs, associated electrical and water softener systems, Air-conditioning Management System (PC and associated field devices such as DDC panels, controllers, sensors etc.) and all as detailed elsewhere in the tender document. The job includes day to day maintenance of the systems, attending to the complaints, repairs/rectification works including consumables, breakdown/ preventive /routine maintenance as per OEM recommendations /maintenance schedules, maintaining records etc. as required. a. International terminal HVAC Installations. (ii) Second Year (2023-24)	12	Month	254722.00	3056664.00	INR Thirty Lakh Fifty Six Thousand Six Hundred & Sixty Four Only	
3	Annual All Inclusive Comprehensive Maintenance of water cooled complete HVAC system having screw/centrifugal chiller, chilled and condenser water circulating system, cooling tower, AHUs, associated electrical and water softener systems, Air-conditioning Management System (PC and associated field devices such as DDC panels, controllers, sensors etc.) and all as detailed elsewhere in the tender document. The job includes day to day maintenance of the systems, attending to the complaints, repairs/rectification works including consumables, breakdown/ preventive /routine maintenance as per OEM recommendations /maintenance schedules, maintaining records etc. as required. b) Domestic terminal HVAC Installations. (i) First Year (2022-23)	12	Month	85000.00	1020000.00	INR Ten Lakh Twenty Thousand Only	

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1	2	3	4	5	8	10	
4	Annual All Inclusive Comprehensive Maintenance of water cooled complete HVAC system having screw/centrifugal chiller, chilled and condenser water circulating system, cooling tower, AHUs, associated electrical and water softener systems, Air-conditioning Management System (PC and associated field devices such as DDC panels, controllers, sensors etc.) and all as detailed elsewhere in the tender document. The job includes day to day maintenance of the systems, attending to the complaints, repairs/rectification works including consumables, breakdown/ preventive /routine maintenance as per OEM recommendations /maintenance schedules, maintaining records etc. as required. b) Domestic terminal HVAC Installations. (ii) Second Year (2023-24)	12	Month	90000.00	1080000.00	INR Ten Lakh Eighty Thousand Only	
5	Operation of water cooled complete HVAC system of International and Domestic terminal buildings, with all related equipments and accessories including AMS operations on all days including Sundays, Holidays and National Holidays, as per the requirements of AAI as indicated in elsewhere in the tender document.	24	Month	305000.00	7320000.00	INR Seventy Three Lakh Twenty Thousand Only	
6	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required. (a) Thickness 0.80 mm sheet	50	Sq.m	1250.00	62500.00	INR Sixty Two Thousand Five Hundred Only	

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1	2	3	4	5	8	10	
7	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required. (b) Thickness 0.60 mm sheet	30	Sq.m	1095.00	32850.00	INR Thirty Two Thousand Eight Hundred & Fifty Only	
8	Spray painting with one or more coat of synthetic enamel paint of approved brand, manufacturer and colour to give an even shade in the linear continuous grills and diffusers of assorted size, distribution boards, Electrical panels/Junction boxes/feeder pillars, condenser pipe lines etc. pertaining to HVAC system provided in the Terminal Buildings, including cleaning the surface, applying two or more coats of primer wherever necessary including removing, shifting of installations from existing site to a suitable site for painting where ever required. Scope also includes re-lettering/lettering of various distribution boards/panels wherever required.	2000	Sq.m	150.00	300000.00	INR Three Lakh Only	

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST	TOTAL AMOUNT In Words	
1	2	3	4	5	8	10	
9	Supply and applying of Fire resistant (UL 723) protective coating (VB-95 or equivalent) used for protection of Thermal Insulation of chilled water pipes , of approved colour/shade on existing insulated chiller pipes and existing condenser piping of various sizes using glass cloth for reinforcement, suitable adhesive with two or more coats of the protective coating ,including cleaning the surface, scraping out outlived tar-felt/prepare the surface to have adequate bond with the insulation, repairing of existing damaged insulation using cement plaster/wall putty/white cement, wherever required. The application of the protective coating shall be as mentioned in technical specification and/or as per manufacturer recommendation to the satisfaction of Engineer In Charge.	5000	Sq.m	650.00	3250000.00	INR Thirty Two Lakh Fifty Thousand Only	
10	Supply and applying of Fire resistant (UL 723) protective coating (Starbond 30-36 or equivalent) used for protection of Thermal Insulation on existing GI exhaust/fresh air ducts of assorted sizes at various locations, using suitable adhesive with two or more coats of the protective coating including cleaning of surface wherever required. The application of the protective coating shall be as mentioned in technical specification and/or as per manufacturer recommendation to the satisfaction of Engineer In Charge.	700	Sq.m	650.00	455000.00	INR Four Lakh Fifty Five Thousand Only	

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Sl. No.	Item Description	Quantity	Units	RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST	TOTAL AMOUNT In Words	
1	2	3	4	5	8	10	
11	Supply installation, configuration, programming, testing and commissioning of following BMS controller (or any latest version of the same) compatible with the existing BMS system and integrating the same to the existing BMS system to achieve control and monitoring of the AHUs. The scope shall include provision and installation of all required peripheral devices or any components/firmware/software required for successful establishment of control and monitoring. AAI shall not be bound to provide any back up of firmware/software for completion of the work. (a) PXC 12	4	JOB	95000.00	380000.00	INR Three Lakh Eighty Thousand Only	
12	Supply installation, configuration, programming, testing and commissioning of following BMS controller (or any latest version of the same) compatible with the existing BMS system and integrating the same to the existing BMS system to achieve control and monitoring of the AHUs. The scope shall include provision and installation of all required peripheral devices or any components/firmware/software required for successful establishment of control and monitoring. AAI shall not be bound to provide any back up of firmware/software for completion of the work. (a) PXC 22	2	JOB	109000.00	218000.00	INR Two Lakh Eighteen Thousand Only	

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	RATE Excluding GST In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT WITHOUT GST	TOTAL AMOUNT In Words
1	2	3	4	5	8	10
13	Supply, installation, programming, testing and commissioning of following type CO2 sensor suitable for integration with Siemens Desigo CC BMS. The cost of integrating the sensor to the existing BMS shall also be inclusive in the scope. AAI shall not be bound to provide any back up of firmware/software for completion of the work. (a) Siemens QPA20000	11	JOB	25550.00	281050.00	INR Two Lakh Eighty One Thousand & Fifty Only
Total in Figures					20367180.00	INR Two Crore Three Lakh Sixty Seven Thousand One Hundred & Eighty Only
Quoted Rate in Words		INR Two Crore Three Lakh Sixty Seven Thousand One Hundred & Eighty Only				



22/03/2022

Signature Not Verified

Digitally signed by P PADMA
Date: 2022.03.25 10:14:17 IST
Location: eProcurement System for Central PSUs