

भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

No: AAM/ENGG/ELECT/AMED-VIII/HVAC/VFD/2024-25/A- 46/ 594

Date: 24.01.2025

//By Speed post/ E-Mail//

WORK ORDER

To,

M/s. Voltas Limited,
No. 624, Anna Salai,
Teynampet, Chennai – 600 018.

Name of Work: Improvement of Ventilation for VFD Panel Boards installed at AC Plant at CIA.

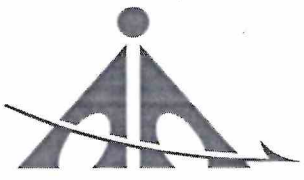
Ref: 1) e-Tender ID: 2024_AAI_220423_1.

2) Price Bid opened on 13.01.2025.

Dear Sir (s),

1. Your e-Tender for the work mentioned above is hereby accepted on behalf of Chairman, Airports Authority of India, at the item rates quoted by you totaling to **Rs.22,05,500.00 (Rupees Twenty-Two Lakhs Five Thousand and Five Hundred Only)** excluding GST.
2. Jt. General Manager (Engg. - Elect.)-I, AMED, AAI, Chennai Airport, shall be the Engineer-in-Charge of the work. You are requested to attend the office of Jt. General Manager (Engg-Elect)-I, AMED, AAI, Chennai Airport by 04.02.2025 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 the amount of Rs.2,20,550.00 (Rupees Two Lakhs Twenty Thousand Five Hundred and Fifty 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 AAI GCC which shall form part of the Contract Agreement.
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 requested to contact Senior Manager (Engg-Elect), AMED-VIII immediately who will arrange for handing over of site.

एम. कृष्णमूर्ति / M. KRISHNAMOORTHY
संयुक्त महाप्रबन्धक (अभि-विद्युत)
Jt. General Manager (Engg-Elect)
भा.वि.प्रा, चेन्नई हवाईअड्डा, चेन्नई - 600 018
AAI, CHENNAI AIRPORT, CHENNAI - 600 018



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6. Please note that the time allowed for carrying out the work shall be **Three (03) Months** with effect from 29.01.2025 to 28.04.2025.
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.
9. All other terms and conditions shall be as per agreement.

Encl: Schedule of Quantity (03 pages)

Yours faithfully,
-Sd/-

(M. KRISHNAMOORTHY)
Jt. General Manager (Engg. - Elect.)-I
For and on behalf of the Chairman, AAI,
Chennai Airport, Chennai – 600 016.

Distribution:

External:

1. The Regional Labour Commissioner, Chennai – 600 006.

Internal:

1. General Manager (Engg. - Elect), Chennai Airport
2. General Manager (F&A), Chennai Airport [with ref. to FC/ENGG-E/2024-25/325]
3. MIS-Electrical, Chennai Airport
4. SM (E-E), AMED-VIII, Chennai Airport
5. Award Letter file
6. Agreement

(M. KRISHNAMOORTHY)
Jt. General Manager (Engg. - Elect.)-I,
For and on behalf of the Chairman, AAI,
Chennai Airport, Chennai – 600 016.

AIRPORTS AUTHORITY OF INDIA
CHENNAI AIRPORT, CHENNAI - 600 016.

SCHEDULE OF QUANTITY

Name of Work: Improvement of Ventilation for VFD Panel Boards Installed at AC Plant at CIA.

Item No.	Description of Item	Qty	Unit	Rate	Amount
1	Supply, Installation, Testing and Commissioning of 22000 CFM Capacity and Static Pressure - 65 mm WG Exhaust Cabinet Fan unit with double skin cabinet constructed with PUF insulated hollow aluminium profile and double skin galvanised steel panels of min. 25 mm thickness comprises of belt driven DIDW (Double Inlet Double Width) centrifugal blower with GI enclosure complete with Class I construction, fixed with IE4, TEFC Squirrel cage Induction motor complied with IP-55 protection and suitable for operation on three phase , 415Volt, 50HZ AC power supply along with Star-Delta Starter control panel , including installation fan unit with suitable size GI welded angle mounting frame to mount fan unit on the existing floor by means of grouting / PCC pedestal as required, interconnection of fan unit and starter panel with suitable size power & control cable complete with all associated accessories etc., as per special condition and technical specifications as required.	2	Job	3,09,050.00	6,18,100.00
2	Supply, Installation, Testing and Commissioning of 20000 CFM Capacity and Static Pressure - 50 mm WG Fresh Air Cabinet Fan unit with double skin cabinet constructed with PUF insulated hollow aluminium profile and double skin galvanised steel panels of min. 25 mm thickness comprises of belt driven DIDW (Double Inlet Double Width) centrifugal blower with Washable Prefilter (MERV 14) complete with Class I construction, fixed with IE4, TEFC Squirrel cage Induction motor complied with IP-55 protection and suitable for operation on three phase , 415Volt, 50HZ AC power supply along with Star-Delta Starter control panel, including installation of fan unit with suitable size GI welded angle mounting frame to mount fan unit on the existing floor by means of grouting / PCC pedestal as required, interconnection of fan unit and starter panel with suitable size power & control cable complete with all associated accessories etc., as per special condition and technical specifications as required.	2	Job	3,78,140.00	7,56,280.00


एच. कृष्णमूर्ति / M. KRISHNAMOORTHY
संयुक्त महाप्रबन्धक (अभि-विद्युत)
Jt. General Manager (Engg-Elect)
भा.वि.प्रा. चेन्नई हवाई अड्डा, चेन्नई - 600 016
AAI, CHENNAI AIRPORT, CHENNAI - 600 016

Item No.	Description of Item	Qty	Unit	Rate	Amount
3	Dismantling of following existing Tube Axial fans from HVAC plant Roof / Ground level i/c disconnection of electrical terminals and handing over to AAI stores complete as required.				
3.1	11000 CFM - 2 Nos from roof level	2	Jobs	7,100.00	14,200.00
3.2	20000 CFM - 2 Nos from ground level	1	Job	11,830.00	11,830.00
4	Fabrication, Supply, Installation, testing and commissioning of following size GI sheet metal ducts in accordance with the approved shop drawings & SMACNA Standards. etc complete as per technical specifications as required.				
4.1	a) 1.2 mm thick GSS ducting (18G)	75	Sq.m	1,300.00	97,500.00
4.2	b) 1.0mm thick GSS ducting (20G)	100	Sq.m	1,160.00	1,16,000.00
4.3	c) 0.8mm thick GSS ducting (22G)	120	Sq.m	1,040.00	1,24,800.00
4.4	d) 0.63 mm thick GSS ducting (24G)	150	Sq.m	920.00	1,38,000.00
5	Fabrication, Supply, Installation, testing and commissioning of Supply air grill made up of Powder coated extruded aluminium material with suitable damper with collar complete with all associated accessories etc., as per special conditions and technical specifications.	3	Sq.m	11,830.00	35,490.00
6	Fabrication, Supply, Installation, testing and commissioning of Return air grill made up of Powder coated extruded aluminium grills without damper complete with all associated accessories etc., as per special conditions and technical specifications.	12	Sq.m	6,510.00	78,120.00
7	Fabrication, Supply, Installation, testing and commissioning of G.I. Construction box type duct Air volume control damper/ Non Return Damper as required along with all necessary associated accessories i/c ducts lever and quadrants for proper balancing of air distribution etc. complete as per special condition and technical specifications	6	Sq.m	8,280.00	49,680.00
8	Supply and fixing fire proof double layer silicon coated, non flammable type canvas connection of length not less than 30cm length for interconnection of duct and fan out let. The canvas connection shall be made up with air tight & water proof and withstand high temperature fixed with suitable thickness aluminium flanges complete with all associated accessories such as fixing nuts & bolts etc. as per special condition and technical specifications.	4	Job	3,550.00	14,200.00

Item No.	Description of Item	Qty	Unit	Rate	Amount
9	SITC of MS welded frame structure (for fresh air/exhaust air fans) made up of M.S. (Mild Steel) L' angles, C' channels flat, tubes fixed on walls./ slabs surface with suitable fixing anchor fastners including painting with one or more coat of rust proof paint of approved make /color etc. complete as required.	500	kg	150.00	75,000.00
10	Supply of 4 x 16 sq.mm of 1.1 kV XLPE armoured aluminium conductor cables conforming to IS 7098-1 with latest amendments etc as per technical specification as required.	150	meter	140.00	21,000.00
11	Laying of 4 x 16 sq.mm of 1.1 kV XLPE armoured aluminium conductor cables in existing Cable Trays / on wall surface including clamping with suitable size GI Clamp and fixing screws etc. as per technical specifications complete as required.	150	meter	50.00	7,500.00
12	Supplying and making end termination with brass compression gland and aluminium lugs for 4 x 16 sq.mm PVC insulated and PVC sheathed / XLPE armoured aluminium conductor cable of 1.1 KV grade complete as required.	8	Job	470.00	3,760.00
13	Supply and fixing following way vertical type, 415 Volt, made up of CRCA sheet steel, dust protected and powder coated, prewired TPN MCB Double door Distribution Board on existing wall surface complete with connectors, busbars, neutral bars, earth bar, din bar, color coded cable interconnections, etc. but without outgoing and incomer MCBs. 4 way (1 incomer+ 4 outgoing)	2	Job	7,820.00	15,640.00
14	Supplying and fixing following rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker of following poles in the existing MCB DB complete with connections, terminations, testing and commissioning etc. as required				
14.1	Four pole, 63 A	2	Job	2,360.00	4,720.00
14.2	Three pole, 32A	6	Job	1,030.00	6,180.00
15	Providing and fixing 25 x 5 mm GI strip on surface or in recess for loop earthing as required.	50	meter	170.00	8,500.00
16	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	300	meter	30.00	9,000.00
Total (Excluding GST)					Rs. 22,05,500.00

(Rupees Twenty Two Lakhs Five Thousand and Five Hundred only)


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 संयुक्त महाप्रबन्धक (अभि-विद्युत)
 Jt. General Manager (Engg-Elect)
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 AAI, CHENNAI AIRPORT, CHENNAI - 600 011

Signature Not Verified

Digitally signed by RAJARAM DARAVAT
Date: 2025.12.20 14:05:28 IST
Location: eProcurement System for
Central PSUs

