

JAMIA MILLIA ISLAMIA

(A Central University by an Act of Parliament)

FTK-Centre for Information Technology

Maulana Mohammed Ali Jauhar Marg, New Delhi-110025

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18 March, 2026

Ref. No.: JMI/CIT/Purchase/2026/RFQ#2

Subject: Quotation for Precision AC (8 TR)

Sir,

You are requested to kindly supply your sealed quotation explicitly mentioning all applicable taxes, and other terms for the following items latest by March 20, 2026 up to 4:30 P.M.:

Sr. No.	Technical Specification	Quantity	Unit Rate	Applicable Taxes %	Tax Amount (Rs.)	Total Cost inclusive of tax in Rs.
1	<u>Precision AC (8 TR)</u>	1 Nos.				

Your quotation should include all terms & conditions including the following:

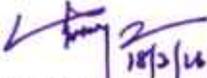
- MAF from the OEM
- Quoted Price
- Applicable taxes
- Payment Terms
- Delivery Time *(Before 26th March 2026)*
- Any Other

Technical Specification is attached herewith. Please find the attachment.

Your quotation should be addressed to :

The Director,
FTK-Centre For Information Technology,
Jamia Millia Islamia,
New Delhi

Thanking you,


(Dr. S. Kazim Naqvi) / Director
Officiating Director
FTK-Centre For Information Technology
जामिया मिल्लिया इस्लामिया / Jamia Millia Islamia
जामिया नगर / Jamia Nagar
नई दिल्ली / New Delhi-110025

Precision AC (8 TR)

Type of AC	Precision control, Floor Mounted, Bottom discharge, Air Cooled DX type CRAC (PAC) units for server room application
Cooling Capacity	<ul style="list-style-type: none"> • 8 TR / 25 KW of minimum Gross Sensible Cooling Capacity @ 7752 CMH • 24 Deg C / 50% RH of return air • Supply air in between 13 -16 Deg C • 45 Deg C of Design Ambient temperature should be able to work upto 48-50 Deg.C. • Specific Power consumption shall be low as per site design conditions including compressor, evaporator fans and condensers.
Duty cycle	Should be able to operate continuously 24 hours X 365 days
Indoor Unit	Shall comprise of Scroll Compressor, Fiber glass corrosion resistant EC fans, Evaporator DX Cooling Coil with hydrophilic coating, Microprocessor controllers, TXV, Driers, G4 Filter, Suction and Discharge piping, Internal power and Control wiring, Crankcase heaters, Non-Electrode type Humidifier, Heaters, HP/LP Cutouts, Power and Control contactors, water leak detectors and Other Electrical accessories.
Outdoor Condenser unit	Shall comprise of Condenser fans & motor, Condenser cooling coil with anti-corrosive coating (Copper coil with aluminum fins), Fan speed controller, Isolator switch.
Power	Shall be suitable for operation on 415 Volts, 50 Hz, 3 Phase, 4 Wire AC supply. Each unit should be having individual display panel, which shall display date, time, actual & set values, operating conditions, signal faults, collective faults, limiting values and PAC wellness alarm / service alarm to reduce the down time and unit memory shall hold the 400 most recent events with ID number, time and date stamp for each event.
Team Mode feature	<p>Team Mode feature for PAC unit's controller for synchronizing the Multiple No. of units to work as single system for all above units.</p> <ol style="list-style-type: none"> a. Load sharing mode feature b. Cascading Effect c. Sequencing of above Units d. BMS feature

warnings /alarms	<ul style="list-style-type: none"> • High temperature • Low temperature • High relative humidity • Low relative humidity • Humidifier failure • Fan failure • Electric Heater high temperature • Sensor failure • Controller error
Refrigerant	R-410a/latest environment friendly (as per latest norms) refrigerant should be used for the PAC units.
Installation & Commissioning	<p>Includes but not limited to followings:</p> <ul style="list-style-type: none"> • Lifting, shifting & positioning of units to site. • Indoor & Outdoor unit installation along with Base frame / foundation. The outdoor units shall be floor/wall or roof mounted and shall be mounted on powder coated stands. • Initial charge of R-410a//latest environment friendly (as per latest norms) refrigerant gas & oil. • Interconnecting Copper piping between indoor & outdoor unit. • Copper piping will be duly insulated within the AC space for hot gas line and liquid line. • Interconnecting copper cabling between indoor & outdoor unit - 3C x 2.5 sqmm • Incoming Copper Cabling from Incoming Isolator to CRAC(PAC) Unit -4C x 10 sqmm • Humidifier water piping of suitable size with CPVC piping with necessary fittings/fixture as required
Other features	<ul style="list-style-type: none"> • System should have a provision of safety interlocks. • Unit should have integrated system of same OEM to support notification - email and SMS to user from PAC. • The PAC Units shall be designed for max 70DBA at 1.5 meter from the unit outlet. • The moving parts of the PAC unit should be dynamically balanced and mounted on anti-vibration mounting. • The cabinet should be manufactured from CRCA externally painted with RAL 7021 or equivalent color epoxy -polyester powder paint and assembled. • The front panel(s) are to be assembled on hinges to make the access easier.
Warranty	3 Years

Note: Highlighted above are need based parameters.