AeroClima Solutions Inc.

OFFICIAL TENDER QUOTATION
Ref: ACS-2026-AHU-001
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Validity: 30 Days

AeroClima Solutions Inc.
100 Innovation Way, Chicago, IL 60601
Tel: +1 (312) 555-0140 | sales@aeroclimasolutions.com

Client: Apex Consulting Engineers | **Project:** Horizon Medical Center - Central Plant Modernization
Equipment Tag: AHU-02 - Cleanroom Air Handling Unit Package

1. Technical Performance Schedule

Parameter	Spec Requirement	Offered by AeroClima	Technical Note
Supply Airflow	5300 l/s	**5300 l/s**	Design match
External Static Pressure	1000 Pa	**1000 Pa**	Design match
Fan Arrangement	2x EC500 Plug fans	**2x ebm-papst EC500 Plug fans**	ebm-papst FanGrid array
Fan Power Input	8382 W (8.4 kW)	**8382 W**	400V / 3Ph / 50Hz
Cooling Coil Capacity	56.4 kW	**56.4 kW**	Dry expansion DX coil R410A
Entering Air Conditions	22.0 °C DB / 15.7 °C WB	**22.0 °C DB / 15.7 °C WB**	Design match
Leaving Air Conditions	14.5 °C DB / 12.3 °C WB	**14.5 °C DB / 12.3 °C WB**	Design match
DX Coil Materials	SS casing, Cu tubes, Al fins	**SS304 casing, Cu tubes, Al fins**	8 passes, 185 m²
Condensate Drip Tray	1.2mm SS V-shape sloped	**1.2mm 304 SS V-shape sloped**	Center drain Ø28mm
Base Frame	100 x 50 galv channel	**100 x 50mm Galv channel**	Bolted tapered flange
Panels & Insulation	50mm Chromadek double-skin	**50mm Chromadek double-skin**	Polystyrene insulated
Primary Filtration	G4 / EU4 (50mm washable)	**G4 Primary washable panel (50mm)**	6x 592x592 & 3x 592x292
Secondary Filtration	F8 Bag Filter (300mm soft)	**F8 Soft Bag Filter (300mm)**	6x 592x592 & 3x 592x292
Differential Gauge	Magnehelic gauge fitted	**Dwyer Magnehelic gauge fitted**	Across filter banks
Electrical & Controls	Isolator, E-Stop, lights, panel	**Isolator, E-Stop, lights, panel**	Pre-wired factory panel
VRF Interface Kit	VRF kit fitment	**VRF interface kit fitted**	Ready for VRF condenser
Sloped Weather Roof	90mm to 50mm slope	**90mm to 50mm sloped roof**	Weather cowl fitted
Unit Weight	1155 kg approx	**1165 kg approx**	Verified engineering weight

2. Commercial Pricing & Scope Demarcation

Scope Item	Terms / Clarification	Amount (USD)
AHU Unit 2 Manufacture	Complete with controls & DX coil	**$ 24,500.00**
Delivery to Jobsite	Road freight to site included	**Included**
Off-loading & Craneage	By Mechanical Rigging Contractor	**Excluded (By others)**

Authorized Representative: Dr. Robert Mitchell, P.E. | *Technical Sales Division* (E&OE;)