

REPLACE TYLER ACADEMIC BUILDING
NORTHERN VIRGINIA COMMUNITY COLLEGE - ALEXANDRIA, VA - APN 492050
PROJECT CODE #260-17720

4. Remove all foreign objects and thoroughly clean the interior and exterior surfaces of the units with a mild detergent (soap and water). Do not use any abrasives or solvents without first consulting the AHU Manufacturer.
 5. Install filter media in filter frames. Operating units without filter media is strictly prohibited.
 6. Perform field testing (beyond typical startup services) as detailed herein and on the schedule under the guidance and supervision of a factory-employed test engineer from the AHU Manufacturer.
 7. Perform unit start up as detailed herein under the guidance and supervision of a factory-employed test engineer from the AHU Manufacturer.
- C. The Owner shall employ an Electrical Contractor whose work will generally include the following:
1. Provide wiring between Owner's normal/emergency power source and the units.
 2. Perform unit start up as detailed herein under the guidance and supervision of a factory-employed test engineer from the AHU Manufacturer.

1.5 BID REQUIREMENTS

- A. The AHUs shall meet the performance criteria as indicated on the schedule and drawings.
- B. Approved AHU Manufacturers:
1. Ingenia, York Custom, Mafna, Mammoth
 2. Trane
- C. Any AHU Manufacturer not listed above must obtain approval in writing from the Engineer no less than 2 weeks before the bid date. The Mechanical Contractor shall be responsible for all additional costs incurred by the Engineer during the submittal and re-submittal phases for any contract awarded to a manufacturer not on the approved list.
- D. All AHU Manufacturer's that are not basis of design shall deliver selection data to the bid examiner. Selection shall include the following:
1. Fan performance curves, coil performance, and unit discharge, inlet, and radiated sound power levels.
 2. Unit casing thermal performance at design supply air temperature graphed on a psychrometric chart.
 3. A list of all exceptions and clarifications the AHU Manufacturer is taking to the specifications.

1.6 SUBMITTALS

- A. No equipment shall be fabricated or delivered until the receipt of approved shop drawings from the Owner or Owner's approved representative.
- B. AHU Manufacturer shall provide the following information with each shop drawing/product data submission: