



GUAM MEMORIAL HOSPITAL AUTHORITY

ATURIDÁT ESPETÁT MIMURIÁT GUÅHÅN

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May 17, 2021

AMENDMENT #6 - GMHA IFB 002-2021

Removal & Replacement of Various AHU's

TO: All prospective bidders,

This Amendment is being issued to clarify the following:

1) Vendor: Dylan Mechanical

The filter merv rating is specified Merv 8. The ANSI/ASHRAE Std 170 for Health Care Facilities Table 6.4 (attached) calls for Merv 7 prefilters followed by Merv 14 final filters for the clean areas. Please designate which units require Merv 14 final filters. Note that codes usually require that major renovations provide upgrades to meet current codes.

GMHA Response: See updated list. MERV 8 for first filter bank, MERV 14 for second filter box as per ANSI/ASHRAE/ASHE Standard 170-2017.

2) Vendor: Dylan Mechanical

ASHRAE HVAC Design Manual for Hospitals and Clinics requires that fibrous insulation inside air handling units be covered with mylar or double wall construction. Is either one of these required? If double wall, is stainless, galvanized, or aluminum inner wall required?

GMHA Response: Comply as per ANSI/ASHRAE/ASHE Standard 170-2017, double wall galvanized.

3) Vendor: Dylan Mechanical

For the AHU casings, what R value is required for the walls? Usually R6 for single wall and R13 for double wall.

GMHA Response: As dictated for double.

4) Vendor: Dylan Mechanical

Smoke Detectors. NFPA 90A Standard for Installation of Air Conditioning and Ventilation Systems requires smoke detectors for AHUs over 2000CFM. Are new smoke detectors required, or existing detectors to be reused? Who is responsible for tying in the smoke detectors to the fire alarm panel? Will the base bid include hard-wired connections for the smoke detectors to shut down the respective AHU at the motor starter?

GMHA Response: Smoke Detectors are not included to be provided. However, if installation of AHU requires relocation then it should be relocated accordingly.

5) Vendor: Dylan Mechanical

Are circuit setters required in the chilled water piping to facilitate TAB? Are P&T Taps required at cooling coils to measure Pressure and Temperature on CHWS&R?

GMHA Response: Not Required. Yes, should come in as integral to coils.

6) Vendor: Dylan Mechanical

Is there any duct cleaning required on the project?

GMHA Response: None required.

7) Vendor: Dylan Mechanical

Are fans to be centrifugal backward inclined, airfoil or forward curved? Steel or aluminum construction? Bearing life 200,000 Hour L50 or 200,000 Hour L90? Stainless steel shafts? Browning Grip notch belts or standard belts? Are flex connectors required on fan outlet connections to AHU cabinets?

GMHA Response: Existing are relatively mix of both centrifugal backward inclined or forward curve. Unit must meet required CFM. Steel. 200,000 Hour L50. Yes.

8) Vendor: Dylan Mechanical

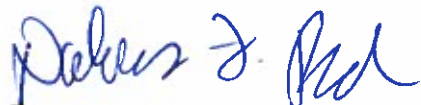
Some units do not have adequate maintenance access to fans, coils, and filters. Is it expected that this contract installation of new units will provide for manufacturer's recommended installation/maintenance clearances?

GMHA Response: Yes, space needs to be considered in the installation to assure accessibility of the units for PM and repairs.

9) Vendor: Carrier Guam

Additional questions # 1-7 (dated 05/13/21)

GMHA Response: The site inspections were provided to prospective bidders for them to ascertain and inspect all AHUs. They were for bidders to measure and take note of.



Dolores F. Pangelinan,
Hospital Supply Management Admin.

Acknowledgment of Receipt: Return acknowledgment to fax number 649-3640

Company

Print Name

Signature Date