



# GUAM MEMORIAL HOSPITAL AUTHORITY

## ATURIDÁT ESPETÁT MIMURIÁT GUÅHÅN

850 Governor Carlos Camacho Road, Tamuning, Guam 96913  
Operator: (671) 647-2330 or 2552 | Fax: (671) 649-5508



**August 10, 2021**

### **AMENDMENT #2 - GMHA IFB 006-2021**

#### **Removal & Replacement of Various AHU's**

**TO: All prospective bidders,**

**This Amendment is being issued to clarify the following:**

**1) Vendor: Carrier Guam Inc.**

Per the attached AHU schedule provided by Danny Gonzaga (GMHA Facilities Maintenance) at the site visit earlier this morning, please provide missing AHU schedule criteria for the following existing units:

- AHU-A45(Nurse Station-Surgical Ward)
- AHU-A403(Corridor-Surgical Ward)
- AHU-M101(Plumbing Shop-Mechanical Shop)
- PCCU-M101(Pre-Cooling Unit for AHU-M101). **(Not included in this RFQ)**

**GMHA Response:**

**See attached updated AHU listing.**

**2) Vendor: Carrier Guam Inc.**

Are higher MERV rating air filters or HEPA air filters required to be supplied, or remain MERV 8 air filters to supply? Note MERV 8 air filters are indicated on the attached AHU schedule provided by Danny Gonzaga.

**GMHA Response:**

**We use MERV 8 at this time.**

**3) Vendor: Carrier Guam Inc.**

Regarding each AHU (and PCCU-M101) listed on schedule, please provide location of supply discharge, return air inlet, and outside air inlet (if applicable).

- Options of return air inlet: top, or bottom, or rear, or right side, or left side.
- Options of supply air discharge: upblast rear, or upblast front, or top horizontal front, or bottom horizontal front, or downblast front, or downblast rear.

**GMHA Response:**

**The purpose of the site visit is to assess the existing so it can be match with the new and for the qualified contractor to verify the existing with that of the information provided.**

**4) Vendor: Carrier Guam Inc**

Regarding the site visit meeting 9am Aug. 2, 2021 this morning, please provide list of attendees names (prospective bidders) and their contact information.

**GMHA Response:**

**Please see attached Sign-In Sheet.**

**5) Vendor: JWS Refrigeration & A/C, Ltd.**

The equipment listing provided in both the bid packet and the pre bid inspection has incomplete data. In addition, we were unable to physically identify a model number of the AHU units during the Aug. 2, 2021 pre-bid inspection. May GMH please provide the appropriate equipment schedule of all AHU units needed for replacement. The equipment schedule will provide and identify any/all technical data of AHU units.

**GMHA Response:**

**See attached updated AHU listing.**

**6) Vendor: JWS Refrigeration & A/C, Ltd.**

May we please request for a copy of the Pre-Bid in Sheet, Dated August 2<sup>nd</sup> 2021 @ 9:00AM.

**GMHA Response:**

**Please see attached Sign-In Sheet.**

**7) Vendor: Dylan Mechanical**

Can you please provide us with a copy of the attendance sheet for the site walk?

**GMHA Response:**

**Please see attached Sign-In Sheet.**

**8) Vendor: Dylan Mechanical**

Will there be an Addendum issued to include the 9<sup>th</sup> AHU we inspected during the site walk?

**GMHA Response:**

**No, we'll maintain the original list. BTW AHU-A452 is supposed to be AHU-A442). Also see attached for more information on the equipment listed.**

**9) Vendor: Dylan Mechanical**

Will there be a bid extension date issued since the 9<sup>th</sup> AHU was not included in the original IFB 006-2021 scope of work?

**GMHA Response:**

**Submission Date Change to read as: 10:30am, Friday, August 13, 2021, and Publicly Open at 11:00am, Friday, August 13, 2021.**

**10) Vendor: Dylan Mechanical**

Can you please include me in the DMCSI contact list to receive GMHA notifications, since Harold works out in the field half the time, so I can be sure to provide you with timely responses?

**GMHA Response:**

**Your contact information has been included in the amendment listing, so any notification will be addressed to you as well.**

Sincerely,



*DFP* Dolores F. Pangelinan,  
Hospital Supply Management Admin.

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

\_\_\_\_\_  
Company

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Signature                      Date

**Iuam Memorial Hospital Authority**

**1) Eight Air Handling Units (AHU) for replacement  
V-Mechanical/Plumbing/MVAC/Refrigeration**

EQUIPMENT	LOCATION	TYPE	MODEL or SERIAL NO.	Supply Air (CFM)	Chilled Water (gpm)	COOLING CAPACITY (BTU)	SENSIBLE LOAD (BTU)	POWER	HP/RPM	FILTER SIZE	FILTER MERV
AHU-A469	Classroom Education Department	CEILING MOUNT	CARRIER 40HW0082172051	1,920	9	44,214 BTU	41,472	480/3PH	2HP/1710	AS PER DESIGN	MERV 8
AHU-A442	Nurse Station SURGEAL WARD	CEILING MOUNT (120/120)	TRANE Serial# USD399567	1,050	5	24,179.00	22,680	480/3PH	3HP/1725	16x20x2 or AS PER DESIGN	MERV 8
AHU-A403*	Corridor SURGICAL WARD	CEILING MOUNT (120/120)	CARRIER 40HW0081172051	1147*	5	26,413.00	24,775	480/3PH	3/4HP/1725	16x25x2 or AS PER DESIGN	MERV 8
AHU-B151B*	Sterile Area CSR	CEILING MOUNT (120/120)	TRANE Serial# USD39952	3750*	17	86,355.00	81,000	480/3PH	SHP/1715	16x25x2 or AS PER DESIGN	MERV 8
AHU-B188	Beir Room MECHANICAL SHOP	FLOOR MOUNT	TRANE Serial# 37H244X770	8,216	38	189,198.00	177,466	480/3PH	7 SHP/1715	16x20x2 or AS PER DESIGN	MERV 8
AHU-M101	Plumbing Shop MECHANICAL SHOP	FLOOR MOUNT	TRANE MCCB006UA0A0UA	2,680	-	-	111,290 BTU	480/3PH	SHP/1715	16x20x2 or AS PER DESIGN	MERV 8
AHU-A295	Elevator Lobby 2ND FLOOR	CEILING MOUNT	CARRIER SK45PG9548X	2,595	12	59,758.00	56,052	480/3PH	1.5HP/1725	16x25x2 or AS PER DESIGN	MERV 8
AHU-B281*	Corridor OPERATING ROOM	CEILING MOUNT	TRANE Serial# 42BH830CRV630L5FAC	2,420*	36	179,503 BTU	168,372 BTU	480/3PH	3/4 HP	16x25x2 or AS PER DESIGN	MERV 8

**Existing GMH Air-Handling Units From As-Built Drawings**

AHU No.	Cooling Capacity (BTU/Hr)	Sensible Heat (BTU/Hr)	Chilled Water GPM	Supply Air CFM	AHU Fan Motor HP
AHU-A469	44,214	41,472	9	1,920	Same as Existing
AHU-B151B	86,355	81,000	17	* 3,750	
AHU-B281	55,728	52,272	11	* 2,420	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
AHU-B188	189,198	177,466	38	8,216	
AHU-A295	59,758	56,052	12	2,595	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
AHU-A442	24,179	22,680	5	1,050	
AHU-A403	26,413	24,775	5	* 1,147	

**Notes:**

1. All Supply Air CFMs are from available As-Built Drawings except as noted.
  2. Coil Face Velocity shall not exceed 500ft/min.
  3. Cooling Coils shall have minimum of 6 rows.
  4. Minimum No. of Fins/Inch = 8.
  5. All Cooling Capacities are calculated using  $\Delta T = 20^{\circ}F$  and  $\Delta W = 2.1$  Gr/lb.
  6. All Chilled Water GPMs are calculated using  $\Delta T = 10^{\circ}F$
- \* Supply Air CFMs are based on size of main Supply Air Duct

On-Site Visit/Assessment

GMHA IFB 006-2021 - Removal & Replacement of AHU's  
August 02, 2021 @ 9:00 am

SIGN-IN SHEET

Representative/Vendor Name

Contact Information-Phone #/Email

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