

AIR HANDLING UNIT SCHEDULE (FOR PRICING)											
MARK	CFM	EXTERNAL STATIC PRESSURE	HORSEPOWER	ENTERING AIR TEMPERATURE	LEAVING AIR TEMPERATURE	GPM	ENTERING WATER TEMPERATURE	LEAVING WATER TEMPERATURE	VOLTAGE	FILTER	REMARKS
OAHU-1	900	1"	1	97F DB/80F WB	52F DB/51F WB	18.6	44F	54F	480V/3PH	FLAT W/ 2" HOLDING Frames	1, 3, 4, 5, 6
OAHU-2	3000	1"	5	97F DB/80F WB	52F DB/51F WB	61.8	44F	54F	480V/3PH	FLAT W/ 2" HOLDING Frames	2, 3, 4, 5, 6

1. DRAW THROUGH UNIT WITH 10 KW ELECTRIC DUCT HEATER IN PRE-HEAT POSITION.
2. DRAW THROUGH UNIT WITH 35 KW ELECTRIC DUCT HEATER IN PRE-HEAT POSITION.
3. MINIMUM 4 ROW CHILLED WATER COIL.
4. PROVIDE ELECTRICAL CONNECTION.
5. 450 FEET PER MINUTE FACE VELOCITY
6. UNIT TO BE EXTERIOR UNIT WITH ROOF CURB. UNIT TO BE DOUBLE WALL. MANUFACTURED BY CARRIER, TRANE OR JOHNSON CONTROLS.



## MECHANICAL GENERAL NOTES

Mechanical General Notes for Glazier Community Center, Barbara Bush Museum, and Pearl Fincher Museum

1. The systems shall be tested and balanced per NEBB and AABC standards.
2. The acceptable manufacturers for the chillers are Johnson Controls and Carrier. The chillers shall have a minimum efficiency required by the City of Houston Energy Code. The chillers shall have comparable options as those they are replacing. The contractor shall install per the manufacturer's recommendations which may include providing a strainer at the chillers.
3. The acceptable manufacturers for air handling units are Johnson Control, Carrier, Trane, Daikin, and Temtrol. The units shall be double wall units with UV lights. The air handling units shall be comparable to the existing air handling units that they are replacing.
4. The outside air handling units that are installed on the roof shall be manufactured for outdoor installation. The units shall be installed on a minimum 8" high roof curb. The air handling unit shall be insulated to prevent sweating during outdoor conditions in Houston.
5. The acceptable manufacturers of terminal units are Titus, Metalaire, and Nailor. The new terminal unit will be a fan powered series terminal unit with electric heat and a built-in attenuator. These terminal units will be longer than the currently installed terminal units and accommodations must be made in the existing ductwork to install the units.
6. Exterior piping insulation shall be Pittsburg Corning Foam Glas One with an aluminum jacketing. Install both per manufacturer's recommendations.
7. The controls shall be provided by Automated Logic under a separate contract. The contractor shall coordinate with Automated Logic and install any necessary devices in the ductwork or piping.
8. Any new ductwork shall be constructed to SMACNA standards. The new outside air ductwork from the new air handling units to the return air duct of the existing units shall be constructed to a 2" positive or negative pressure.
9. The ductwork shall be insulated with a duct wrap with a minimum of R-6 insulation to meet the City of Houston Energy Code.