Hon. Pedro Pierluisi Urrutia
Gobernador

Lcda. Karla G. Mercado Rivera
Administradora y Principal Oficial de Compras

NOTIFICACIÓN NUM. 1
SUBASTA FORMAL 22J-04702
PARA ADQUISICIÓN E INSTALACIÓN UNIDAD DE AIRE TIPO SPLIT DE 30 TONELADAS AEROPUERTO DE ISLA GRANDE PARA LA AUTORIDAD DE PUERTOS DEL GOBIERNO DE PUERTO RICO

Asunto: Pregunta y Respuestas

Se notifica a los licitadores interesados a participar en la adquisición de referencia, de la siguiente notificación:

MJ Electric Service LLC.

1. Según la visita ocular del día de hoy 21 julio 2022, se dialogó de instalaciones de conductos de aire, es necesaria la información de la distancia y planos para poder dar el mejor estimado posible.

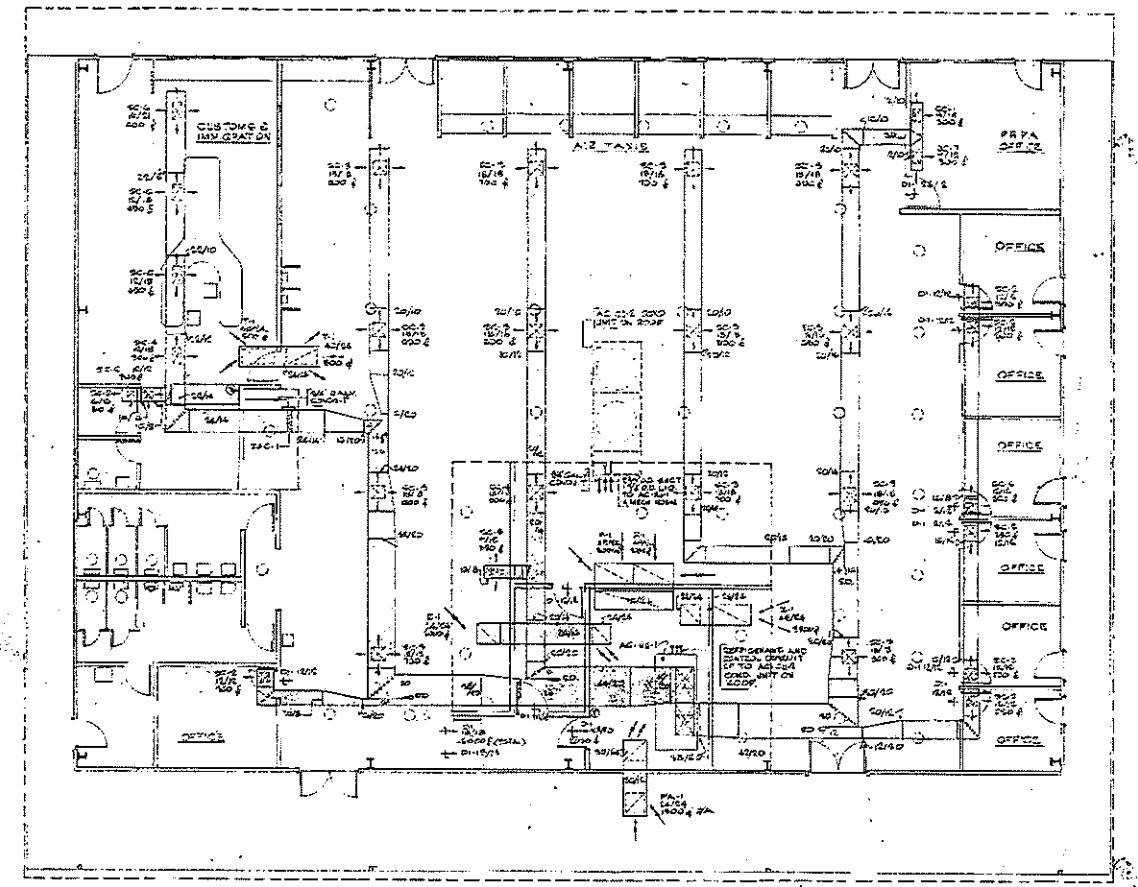
   Respuesta: Se incluyen los planos del sistema de aire acondicionado. (Ver documento adjunto).

Esta Notificación forma parte del pliego de subastas y quienes interesen licitar, tendrán que considerarla al presentar su oferta. Todos los demás términos, condiciones y especificaciones permanecerán sin alterar.

Edmarie Avilés Almenas
Secretaria
Junta de Subastas

Emitida hoy, martes, 2 de agosto de 2022
San Juan, Puerto Rico

JUNTA DE SUBASTAS ASG GOBIERNO DE PUERTO RICO



AIR CONDITIONING LAYOUT
SCALE 1/8"=1'-0"

LEGEND

F/A FRESH AIR
R/A RETURN AIR
EHC ELECTRIC REHEAT COIL
SD SPLITTER DAMPER
T ELECTRIC, TWO STEP THERMOSTAT FOR 120 VOLTS, HARPER WILCOX TC-185
CEILING SUPPLY DIFFUSER
RETURN AIR DEVICE
FRESH AIR INTAKE DEVICE
DOOR LOUVER
CFM AIR
RETURN, EXHAUST OR FRESH AIR
MERCURY LIGHTING FIXTURE

JOSE CARBIA BENITEZ & ASSOCIATES
ENGINEERS CONSULTANTS PLANNERS
ANA ROQUE, 310 URB. LOS MAESTROS, HATO REY, PUERTO RICO, 00918

JOSE CARBIA BENITEZ LIC. No. 2643 DATE

AC-1

AIR CONDITIONING LAYOUT
Puerto Rico Ports Authority
SAN JUAN, PUERTO RICO
ENGINEERING OFFICE
PASSENGER TERMINAL BLDG.
AT
ISLA GRANDE AIRPORT

SCHEDULE of AIR HANDLING & CONDENSING UNITS (SPLIT SYSTEM)

A.C. UNITS			FAN SECTION									COOLING COIL SECTION										FILTER BANK			CONDENSING SECTION										MANUFACTURER	
									EVAP. FAN MOTOR						AIR SIDE				REFRIGERANT SIDE				PRE-FILTER	FINAL FILTER					REF. TEMP & TOTAL CAP			CONDENSER FAN MOTOR			THE TRANE COMPANY	
MARKED	TYPE	LOCATION	Nº WHEELS	TOTAL C.F.M.	R/A CFM	F/A CFM	MAX. OUTLET VELOC. (FPM)	TOTAL EXT S.P. W.G.	HP	VOLTS	Ø / R.P.M.	CFM	MAX. FACE VELOC. (FPM)	MIN ROWS	ENTER TEMP DB	ENTER TEMP WB	LEAV. TEMP DB	LEAV. TEMP WB	EVAP. TEMP °F	REFRIGERANT	EXPANSION DEVICE	CFM	—	NO. & SIZE CLEANABLE	Nº WHEELS & FANS	TOTAL CFM	ENT. AIR TEMP °F	COIL MIN ROWS	SUCTION TEMP °F	COND. TEMP	MIN. TOTAL CAP. BTU/HR	HP	VOLTS	Ø / RPM	MODEL	TOTAL KW
AC-AH-1	AIR HANDLING UNIT	MECHANICAL ROOM	2	14000	12500	1500	2100	5/8	7 1/2	208	3/1750	14,000	500	2	79.7	64.7	57.5	55.5	45	R-22	2-TX VALVES	14000	NONE	4-4x15x2	—	—	—	—	—	—	—	—	—	—	BR-400	—
AC-CU-2	CONDENSING UNIT	ROOF	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	24000	95	2	45°	120°	280,000	5	208	3/1750	RA-2405 230/460	39.0

AIR DEVICE SCHEDULE (SUPPLY, RETURN, FRESH AIR & EXHAUST)

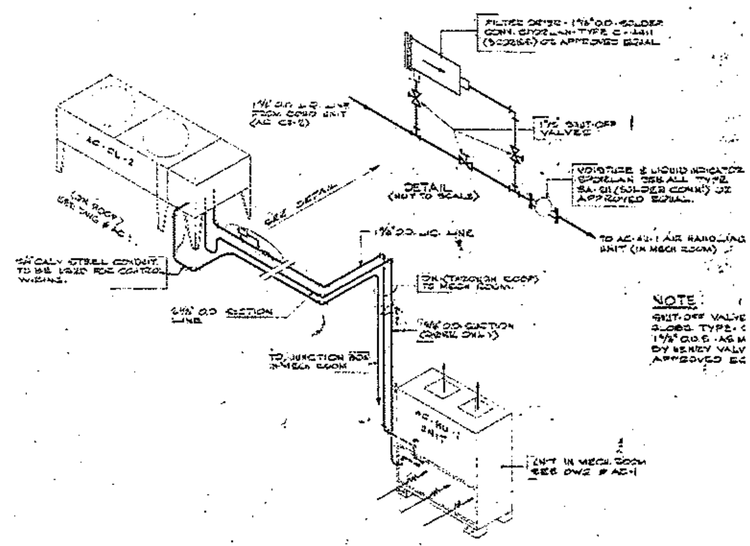
MKD	FUNCTION	DESCRIPTION	MODEL OR TYPE	SIZES	MANUFACTURER	CFM	CONSTRUCTION	ACCESSORIES	REMARKS
SD-1	SUPPLY	CEILING DIFFUSER (DIRECTIONAL)	SERIES 500-MR	AS SHOWN	METAL INDUSTRIES INC. (METALAIRE)	AS SHOWN	EXTRUDED ALUMINUM	MODEL 3-D OPPOSED BLADE EXTRUDED ALUMINUM DAMPER	TWO-WAY CORNER PATTERN - J4
SD-2	"	"	"	"	"	"	"	"	2 WAY - CORNER (SQUARE) PATTERN - J5
SD-3	"	"	"	"	"	"	"	"	4 WAY - RECTANGULAR PATTERN - H4
SD-4	"	"	"	"	"	"	"	"	3 WAY - PATTERN - Z3
SD-5	"	"	"	"	"	"	"	"	2 WAY - OPPOSITE PATTERN - W2
SD-6	"	"	"	"	"	"	"	"	4 WAY - SQUARE PATTERN - Z4
SD-7	"	"	"	"	"	"	"	"	2 WAY - CORNER PATTERN - J5
RR-1	RETURN	CEILING REGISTER	CC-1-TB DA	AS SHOWN	METAL INDUSTRIES INC. (METALAIRE)	AS SHOWN	EXTRUDED ALUMINUM	—	—
TG-1	TRANSFER	CEILING GRILLE	CC-1-TB	AS SHOWN	METAL INDUSTRIES INC. (METALAIRE)	AS SHOWN	EXTRUDED ALUMINUM	—	—
FA-1	FRESH AIR (INTAKE)	CEILING REGISTER	CC-1-TB DA	AS SHOWN	METAL INDUSTRIES INC. (METALAIRE)	AS SHOWN	EXTRUDED ALUMINUM	ALUMINUM BIRD SCREEN	—
D-1	TRANSFER (THROUGH DOOR)	LOUVER ON DOOR	—	—	—	—	WOOD - LOUVER	—	BY GENERAL CONTRACTOR

REHEAT COIL SCHEDULE (2 STEPS, 3 PHASE, 208 VOLTS)

MKD	TYPE OF CONSTRUCTION	WATTS	CFM MIN.	DUCT DIMENS. W	DUCT DIMENS. H	CONTROL UNDER	THERMAL SAFETY DEVICES	MANUFACTURER	REMARKS
RCH-1	SLIP-IN GALV. STEEL	7000	1060	24	14	2-STEP THERMOSTAT	AUTOMATIC RESET THERMAL CUTOUT & HEAT LIMITER	ELECTROJECT - AS MANUFACTURED BY BRASCH MFG. CO., INC.	A.C. FLOW SWITCH, MAGNETIC CONTACTORS TO SCHEDULE [illegible]

NOTES:

1. INSTALLATION OF THE A.C. UNITS, REFRIGERANT PIPING, ELECTRIC POWER & CONTROL WIRING SHALL BE PERFORMED FOLLOWING THE MANUFACTURER'S INSTRUCTIONS.
2. MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL TWO CONTACTORS CONTROLLING ELECTRIC REHEAT COIL. ELECTRICAL CONTRACTOR SHALL BRING POWER TO A POINT NEAR REHEAT COIL AND TERMINATE IN A SAFETY DISCONNECT SWITCH.
3. RUN 1¼" UNINSULATED PVC PIPE FROM A.C. UNIT CONDENSATE DRAIN CONNECTION TO FLOOR DRAIN IN MECHANICAL ROOM.
4. AIR CONDITIONING EQUIPMENT, DUCT HEATERS, FLOW SWITCH CONTROLS, AIR DISTRIBUTION, TO BE SUPPLIED BY THE PORTS AUTHORITY. THE CONTRACTOR SHALL PICK-UP SAID EQUIPMENT AT PIER 8, SAN JUAN, P.R. INSTALLATION BY BUILDING CONTRACTOR.



ISOMETRIC REFRIGERANT PIPING DIAGRAM
NOT TO SCALE

AIR CONDITIONING

JOSE CARBIA BENITEZ & ASSOCIATES
ENGINEERS CONSULTANTS PLANNERS
ANA ROQUE, 610 URB. LOS MAESTROS, HATO REY, PUERTO RICO 00918

JOSE CARBIA BENITEZ LIC. [illegible] DATE

AC-2

REVISIONS

AIR CONDITIONING SC[illegible]

Puerto Rico Ports Auth[illegible]
SAN JUAN, PUERTO [illegible]
ENGINEERING OFF[illegible]

PASSENGER TERMINAL [illegible]
AT
ISLA GRANDE AIRPO[illegible]