

#### Department of Public Works, Facilities Management

ADDENDUM NO. 1 DATE: January 26, 2023

**REVISIONS TO:** 

Request for Bids Specification No. PW22-0287F Beacon Activity Center HVAC Upgrade and Exterior Renovation

#### **NOTICE TO ALL Bidders:**

This addendum is issued to clarify, revise, add to or delete from, the original specification documents for the above project. This addendum, as integrated with the original specification documents, shall form the specification documents. The noted revisions shall take precedence over previously issued specification documents and shall become part of this contract.

#### **REVISIONS TO THE SUBMITTAL DEADLINE:**

The submittal deadline remains the same.

#### REVISIONS TO THE GENERAL INFORMATION AND REQUIREMENTS:

- Attached is the sign in sheet and agenda from the pre-bid meeting held on Tuesday, January 24, 2023. The pre-bid meeting was not mandatory.
- Attached photos of the as-built roof condition.

#### **REVISIONS TO THE PLANS:**

- Revisions to the ELECTRICAL plans, will be issued by a future addendum.
- Attached MECHANICAL revisions are as follows:
  - REPLACE all MECHANICAL SHEETS. These revisions consist of additional detail to describe the scope of work. This deletes the mechanical plans marked "95% CD Set" and replaces them with "Bid Set".
    - SHEET M0.1 MECHANICAL LEGEND & NOTES
    - SHEET M0.2 MECHANICAL NOTES
    - SHEET M0.3 MECHANICAL SCHEDULES
    - SHEET M1.1 CRAWL SPACE PLAN MECHANICAL DEMO
    - SHEET M1.2 FIRST FLOOR PLAN MECHANICAL DEMO
    - SHEET M3.1 FIRST FLOOR PLAN PLUMBING
    - SHEET 4.1 CRAWL SPACE PLAN MECHANICAL
    - SHEET 4.2 FIRST FLOOR PLAN HVAC
    - SHEET 4.3 ROOF PLAN HVAC
    - SHEET M4.4 HVAC DETAILS
  - ADD SHEET M4-5 HVAC DETAILS

NOTE: Acknowledge receipt of this addendum by initialing the corresponding space as indicated on the SIGNATURE PAGE. Vendors who have already submitted their bid/proposal may contact the Purchasing Division at 253-502-8468 and request return of their bid/proposal for acknowledgment and re-submittal. Or, a letter acknowledging receipt of this addendum may be submitted in an envelope marked Request for Bids Specification No. PW22-0287F Addendum No. 1. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

cc: Mina Zarelli, PW/FM

Form No. SPEC-220A Revised: 07/08/2022

## CITY OF TACOMA Pre-Bid Meeting – Sign-in Sheet

Project: Beacon Activity Center HVAC Upgrade and Exterior Renovation (PW22-0287F)
Date, Time: Tuesday, January 24, 2023 at 11:00 a.m., at 415 S 13<sup>th</sup> Street, Tacoma, WA 98402

Attendees: (PLEASE PRINT)

Name	Company:	Email:	Phone #
Mina Zarelli, Project Manager	City of Tacoma, Public Works	mzarelli@cityoftacoma.org	253-208-8582
Tocket Ray PM/Estimator	NCE5	ToddRO Net-compliance com	360-907-1099
Corey Maughan	NCFS .	Covey ma nex- compliance can	360 914 7395
Dino Marz ans	Blumbeck PAINTING	begain ting and wallcours	malamail com 253-
BOB Shelton	miller sheet metal).	DAVE Bini Heasuce Tibetal.	com/ 3607318173
Akron White	PSF Mechanical	awhite Opsfrech. com	206-380-3691
RAUPH STICKPUL	METCALE ELECTRIC	PALPH @ METCALF84.com	
Tyler Mortenson	Harper winn / Carlisle	tyler & Harperwinn.com	253 266 5954
Tyler Schmilthe	Capstel Heating ; cowling	Tolers @ Capital heating and cooling-Long	360.890.2737
Colfon Reeves	Thompson electrical Constructors	Colton CThompson constructors.	an 253 281 0389
Gul Zymi)	Air fanic	Gal & A: + Gahic.com	2062590896
Dan Housestier	Suyber	Dhouseustein @ SnyDER Buil	s. 425-343-6252
Miles Johnson	Western Ventures	bids@westernventures.com	760.579.1380
Clayton Torgerson	Neeley Construction	bids@neeleycorp.com	253-720-4369
CURT GILBER	TRS METHANICAL	CURT @ TRES METAL. COM	253-260-2594
Charles Wee KS	Westmark Court	bils@west markconst.o	7 1 1 7
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Project: Beacon Activity Center HVAC Upgrade and Exterior Renovation (PW22-0287F)

Name	Company:	Email:	Phone #
STEW NESS	RIVERS EDUS - Dano	SNESS@RIVERS.CITY	205-425-584-7089
Paul Orth	JA Morris Construction	paul@Jamorrisconstruction.com	m 360-556-4439
Rebecca Reule	10 71 [1	rebecca @Jamariseonstruction.	425-530-016
Guy Hamilton	Crescent Mechanical	paul@Jamorrisconstruction.com rebecca@Jamorrisconstruction abby @cve6centme.	chine.com
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# City of Tacoma Beacon Activity Center HVAC Upgrade and Exterior Renovation Specification No. PW22-0287F

#### PRE-BID MEETING

#### Agenda

Meeting Date: Tuesday, January 24, 2023

#### 1) General

- a) Introductions Sign Up Sheet
- b) Review project site
- c) Major components of the project include, but not limited to:
  - Building:
    - (1) Window replacement
    - (2) New siding/roofing
    - (3) New restroom finishes
    - (4) HVAC work, demo of gas-fired boiler and radiators
    - (5) Electrical work, including new underground electrical vault & 3ph transformer
- d) The estimate for the project is \$1.6 million
- e) Schedule for completion:
  - NTP anticipated April 2023
  - 100 Calendar Days for construction.
  - Anticipated substantial completion date August 2023.
- f) Permits
  - Paid for by Owner
    - (1) Building
    - (2) Tacoma Power -new electrical service costs
  - · Paid for by Contractor
    - (1) Mechanical
    - (2) Electrical
    - (3) Other

#### 2) Bid Period

- a) Bidder Questions & Substitution Requests are due by <u>Friday January 27 at Noon</u>. Must be e-mailed to Tina Eide, Senior Buyer. teide@cityoftacoma.org
- b) Final addenda for the project will be issued by <u>Tuesday January 31st</u>. Ensure that you are signed up on the Planholders List to receive notice of any addendums.
- c) Bid submittals are due <u>11 a.m. February 7<sup>th</sup></u>. Ensure all proposal forms included in the Project Manual are submitted with the bid. Ensure bids are submitted to the Purchasing Division located at the Tacoma Public Utilities Building.

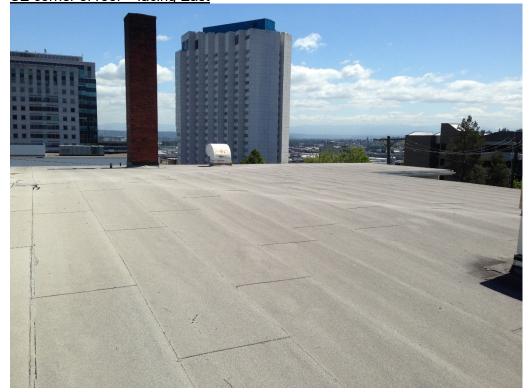
#### 3) City Programs

- a) Local Employment and Apprenticeship Training Program (LEAP) is 15%.
- b) EIC Program: 5% MBE, 2% WBE 5% SBE.
- 4) Tour building site
- 5) Questions?

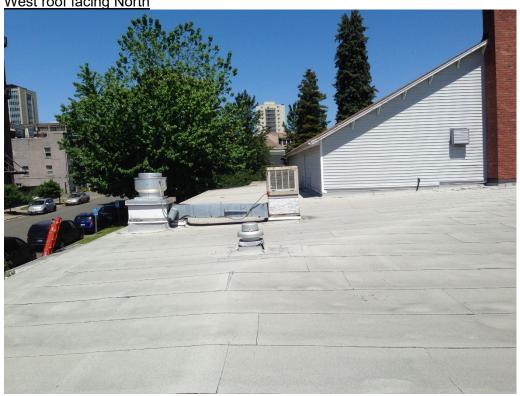
1. SW corner of roof – facing South

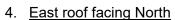


2. <u>SE corner of roof – facing East</u>

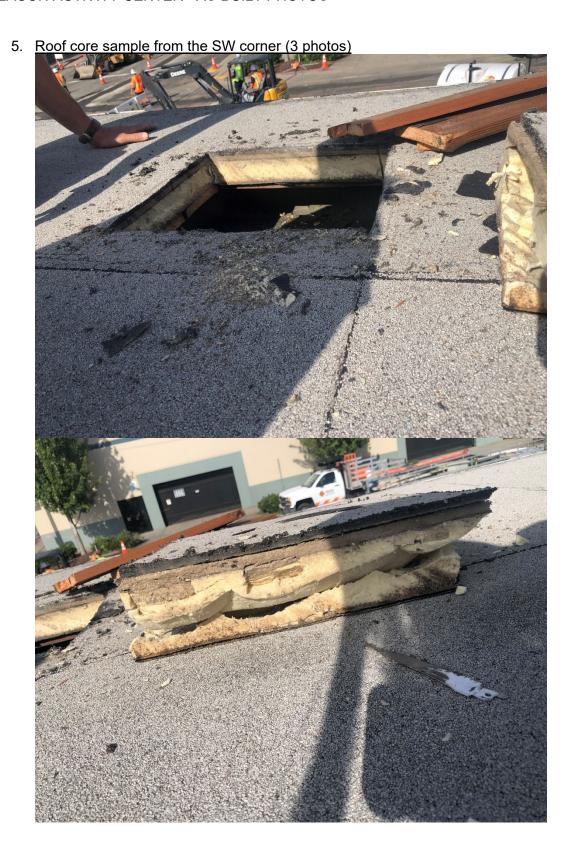


3. West roof facing North













7. Existing steam boiler





SHEET SIZE IS TRUE SCALE WHEN ABOVE LINE MEASURES AS NOTED

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98402 AC MO

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**BID SET** 

BID SET

0" 1" 2
SHEET SIZE IS TRUE SCALE WHEN
ABOVE LINE MEASURES AS NOTED

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12-30-2022

A 		В	C		D	E		F				G				Н	
	AIR INLET	& OUTLET S	SCHEDULE					V	RF INI	DOOR	HEA	T PU	JMP	SCH	EDULE	<b>=</b>	
SYMBOL	TYPE	BASIS OF DESIGN MANUFACTURER AND SERIES NO.	REMARKS	SYMBOL	BASIS OF DESIGNATION OF THE SERIES NO.		AREA SERVED	SERVED BY		PACITY (MBH)  G HEATI		MAX CFM	ESP	MIN OA	FILTER		VOLT/P
CEG	CEILING EXHAUST GRILLE	TITUS 50F	1/2"x1/2"x1/2" CUBE CORE	HP-1	MITSUBISHI PKFY	-P24 WALL MOUNTE	ED MULTIPURPOSE 1	CU-1	24	27		708	-	-	MFR ST		208/1
WSG	WALL SUPPLY GRILLE	KRUEGER SERIES 5880H	DOUBLE DEFLECTION, HORIZ. FACE BARS, VERT. REAR BARS 3/4"o.c.	HP-2	MITSUBISHI PKFY	-P06 WALL MOUNTE	D OFFICE	CU-1	6	6.7		208	-	-	MFR ST	D 0.2	208/1
WSR	WALL SUPPLY REGISTER	KRUEGER SERIES 5880H	DOUBLE DEFLECTION, HORIZ. FACE BARS, VERT. REAR BARS 3/4"o.c.	HP-3	MITSUBISHI PKFY	-P06 WALL MOUNTE	D OFFICE	CU-1	6	6.7		208	-	-	MFR ST	D 0.2	208/1
WRR	WALL RETURN REGISTER	KRUEGER SERIES 5880H	HORIZ. FACE BARS 3/4" O.C., 35° DEFLECTION	HP-5	MITSUBISHI PKFY	-P18 WALL MOUNTE	ED KITCHEN	CU-1	18	20		424	-	-	MFR ST	D 0.2	208/1
WRG	WALL RETURN GRILLE	KRUEGER SERIES 5880H	HORIZ. FACE BARS 3/4" O.C., 35° DEFLECTION	HP-7A	MITSUBISHI PCFY	-P36 CEILING SUSPEN	DED MULTIPURPOSE 7	CU-1	36	40		1095	-	-	MFR ST	D 1.22	208/1
WRG-A	WALL RETURN GRILLE TYPE A	KEES GHD40 RETURN	HORIZ. FACE BARS 1/2" O.C., 40° DEFLECTION	HP-7B	MITSUBISHI PCFY	-P36 CEILING SUSPEN	DED MULTIPURPOSE 7	CU-1	36	40		1095	-	-	MFR ST	D 1.22	208/1
				HP-8	MITSUBISHI PKFY	-P24 WALL MOUNTE	ED MULTIPURPOSE 8	CU-1	24	27		706	-	-	MFR ST	D 0.63	208/1
NOTES:  1. CEILING DIFFUSERS (CD) SHALL HAVE NO. & DIRECTION OF THROWS AS INDICATED ON PLANS. (E.G. CD-3 = 3 WAY THROW)  2. ALL AIR TERMINALS SHALL HAVE FACTORY FINISH, COLOR AS SELECTED BY ARCHITECT.			HP-9	MITSUBISHI PKFY	-P12 WALL MOUNTE	ED MULTIPURPOSE 9	CU-1	12	13.5		388	-	-	MFR ST	D 0.24	208/1	
			HP-23A	MITSUBISHI PKFY	-P15 WALL MOUNTE	ED MULTIPURPOSE 23	3 CU-1	15	17		406	-	-	MFR ST	D 0.2	208/1	
		FACTORY FINISH, COLOR AS USED IN AIR TERMINAL CAL		HP-23B	MITSUBISHI PKFY	-P15 WALL MOUNTE	ED MULTIPURPOSE 23	3 CU-1	15	17		406	-	-	MFR ST	D 0.2	208/1
4. SEE ARCH. FINISH SCHEDULE FOR CEILING TYPES, PROVIDE AIR TERMINALS TO MATCH CEILING CONSTRUCTION INSTALLED IN.		HP-25	MITSUBISHI PKFY	-P06 WALL MOUNTE	D OFFICE 25	CU-1	6	6.7		208	-	-	MFR ST	D 0.2	208/1		
	ROOTION INCTALLED IN.			HP-26A	MITSUBISHI PVFY	-P54 MULTI - POSITI		5 CU-1	54	60		1485	0.8"	550	2" PTA	1 66	208/1
				HP-26B	MITSUBISHI PVFY	-P54 MULTI - POSITI		5 CU-1	54	60		1485	0.8"	550	2" PTA MERV 1		208/1
				BC-1	MITSUBISHI CMB-P	BRANCH CONTROLLER	NDOOR UNITS	CU-1	-	-		-	-	-	-	1.57	208/1
				3. PROVI	DE INDOOR UNITS WITH	SMART ME CONTROLLER, V	W OCCUPANCY SENSOR.	VP	F OUT	rnoof	) HE	ΑΤ [	DI IMI	D 8CI	4EDIII	F	
				VRF OUTDOOR HEAT PUMP SCHEDULI  BASIS OF DESIGN  COOLING CAP HEATING CAPACITY MAX UNIT ELECTRICAL						<b>-                                    </b>							
				SYMBOL	BASIS OF DE MANUFACTU AND SERIES	RER	AREA SERVED		TOTAL	EFF MBI		v	MAX. VEIGHT LBS		MOP VOLTS	S/PH	
				CU-1	MITSUBISHI PUF	RY-P288	INDOOR UNITS			22.7 EER 320		3.32 COP	1250	52 48	80 208/ 70 208/		TWO MC
				* COOLING		ING: AT 80°F DB; 67°F WB IN	DOOR COIL EAT AND 95°F (	DUTDOOR COIL E	 EAT. ** HE <i>A</i>	ATING CAPACIT	Y IS AHRI	HI-TEMP I	RATING: A	T 70°F DB IN	DOOR COIL EA	AT AND 47°F DB	43°F WB
					OR COIL EAT.												
					OR COIL EAT.			DOAS		RGY RE	ECO	VER	Y VE	NTIL	ATOR	UNIT	
					BASIS OF DESIGN MANUFACTURER AND SERIES NO.	AREA SERVED	TYPE	DOAS PLY FAN M ESP RP	ENEF	RGY RE EXHAUST FAN  CFM ESP		VER	ι	JNIT CTRICAL	PE	UNIT COOLING RFORMANCE FECTIVENESS	HEATIN PERFORMA EFFECTIVE
				OUTDOO	BASIS OF DESIGN				ENEF			VER	ι	JNIT		COC	DLING

**FAN SCHEDULE** 

MAX

CFM ESP

345 .375" 1550

175 .375" 1550

**ELECTRICAL** 

1/6

HP VOLTS / PH

115/1

115/1

DIRECT

DIRECT

MISCELLANEOUS EQUIPMENT SCHEDULE									
SYMBOL ITEM DESCRIPTION		BASIS OF DESIGN MANUFACTURER AND SERIES	AREA SERVED	EQUIPMENT CAPACITY	ELEC	TRICAL	REMARKS		
	NO.	ANEA GENTED	(BTUH)	POWER	VOLTS / PH	KLWAKKO			
DH-1A	DUCT HEATER	RENEWIAIRE EK SERIES	DOAS-1	47,768	14 KW	208/3	W/ SCR CONTRO		
DH-1B	DUCT HEATER	RENEWIAIRE EK SERIES	DOAS-1	13,648	4 KW	208/3	W/ SCR CONTRO		
DH-2	DUCT HEATER	RENEWIAIRE EK SERIES	DOAS-2	10,236	3 KW	208/3	W/ SCR CONTRO		

COOLING HEATING
PERFORMANCE PERFORMANCE

EFFECTIVENESS EFFECTIVENESS

UNIT ELECTRICAL

MCA VOLT/PH

208/1

208/1

208/1

208/1

MAX

**WEIGHT** 

LBS

50

50

50

50

90

90

50

50

50

50

50

200

200

150

**REMARKS** 

TWO MODULES TWINNED, AE-200A CONTROLLER & BACNET INTERFACE

FILTERS MAX UNIT

TYPE

MERV 13

MERV 13

WEIGHT

(LBS)

1000

REMARKS

W/ 16 PORTS

REMARKS

W/ VFD'S, ROOF CURB

W/ EC MOTORS, ROOF CURB

1. PROVIDE ALL FANS CONFIGURED TO MEET ENERGY CODE, I.E. PROVIDE WITH PROPER MOTOR EFFICIENCY OR PROVIDE WITH EC MOTOR. MOTOR HP SIZE SCHEDULED IS PRELIMINARY; FINAL EQUIPMENT AND MOTOR SIZE SHALL VARY TO MEET ENERGY CODE REQUIREMENTS.

TYPE

ROOFTOP

ROOFTOP

**AREA SERVED** 

MEN'S RESTROOM

WOMEN'S RESTROOM

- 2. PROVIDE ALL EC MOTORS WITH MANUAL SPEED CONTROLS FOR BALANCING.
- 3. SEE DIVISION 25 FOR MOTORIZED DAMPERS AT EF'S (UNO).

SPECIFIED

**SERIES NUMBER** 

GREENHECK G SERIES

GREENHECK G SERIES

SYMBOL MANUFACTURER AND

**BID SET** 

G

CONTROL

TIME SCHEDULE

TIME SCHEDULE

**WEIGHT** 

(LBS)

REMARKS

W/ CURB

W/ CURB

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SHEET SIZE IS TRUE SCALE WHEN ABOVE LINE MEASURES AS NOTED

