

ADDENDUM NO. 2

Date: October 8th, 2020
to the CONTRACT DOCUMENTS for

Project Name: Youngtown Public Library Addition
Location: 12030 N Clubhouse Square, Youngtown AZ 85363
Avid Job#19-001
Prepared By: Avid Architects
20165 N 67th Avenue, Glendale, Arizona #122A
Telephone: 602-682-7665

The original Working Drawings and Specifications dated 6-5-20 (Per Architect's Seal) are modified or interpreted as stated herein. Receipt of this Addendum shall be acknowledged on the final Bid. This addendum forms a part of the Contract Documents and modifies them as follows.

This Addendum consists of one pages and attachments.

1. SPECIFICATIONS:

- A. Town of Youngtown Bid Schedule:
1. **Delete** in its entirety (2) pages. Document to be deleted includes estimated quantity, unit prices, and Youngtown Funding Source Code.

2. DRAWINGS:

- A. SKE-1:
- i. **Add** SKE-1, Electrical Floor Plan.
- B. SKE-2:
- i. Add SKE-2, Electrical Schedule.

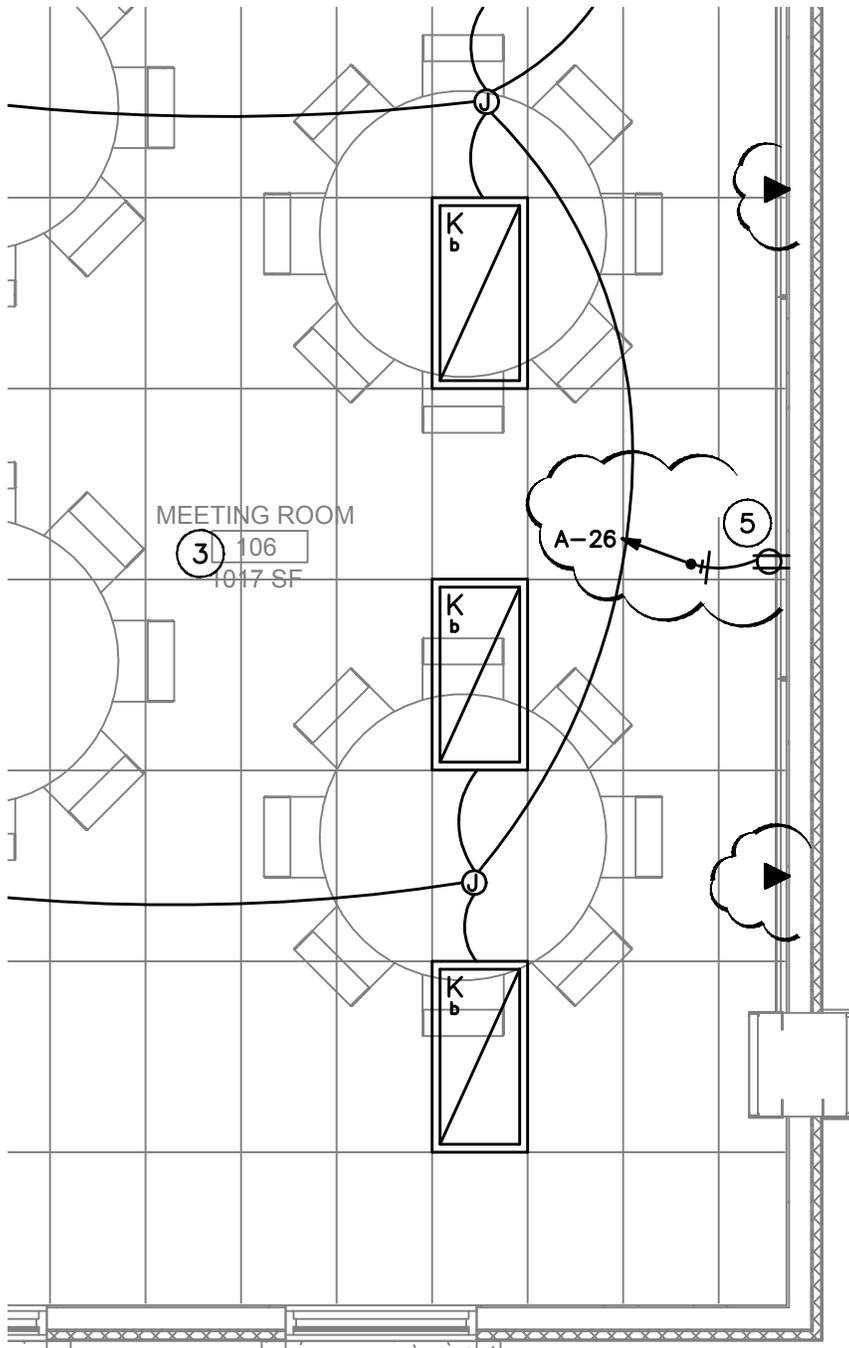
3. ATTACHMENTS:

- A. DRAWINGS:
1. SKE-1, dated 10/7/2020.
 2. SKE-2, dated 10/7/2020.
- B. PRE-BID QUESTIONS:
1. Questions 1 thru 31, dated 10/8/2020.

Approved by: Tamara Caraway
Avid Architects



Tamara D. Caraway
Expires 6/30/2023



Electrical Floor Plan

SCALE: 1/4" = 1'-0"

KEYED NOTES:

5. COORDINATE RECEPTACLE HEIGHT WITH PROJECTOR EQUIPMENT PRIOR TO ROUGH-IN.

SEE SHEET E10

YOUNGTOWN PUBLIC LIBRARY
 12030 N. CLUBHOUSE SQUARE
 YOUNGTOWN, AZ 85363

RF:	PROJECTOR	Sheet No:	SKE-1
Drawn:	E.R.C.	Date:	10/07/20
Checked:	K.J.H.	Scale:	NOT TO SCALE

MAVEN ENGINEERING Job #19CHE220
 Tel: (480) 303-0180
 Fax: (480) 302-7927
 8011 South Avenida Del Yaqui
 Guadalupe, Arizona 85283

Note: Any changes made to final bid documents due to field changes will be billed hourly to the contractor.

Bryan P. Jehling
 Registered Professional Engineer (Electrical)
 CERTIFICATE No. 32857
 BRYAN P. JEHLING
 Date Signed 10-07-20
 ARIZONA, U.S.A.
 EXPIRES 09/30/22

A

ROOM	VOLTS 240/120V 2P 3W	AIC 22K/10K
MOUNTING SURFACE	BUS AMPS 200	MAIN BKR MLO
FED FROM MTR	NEUTRAL 100%	LUGS STANDARD
NOTE		

CKT #	CKT BKR	CIRCUIT DESCRIPTION	KVA LOAD		CKT #	CKT BKR	CIRCUIT DESCRIPTION	KVA LOAD	
			A	B				A	B
1	20/1	REC. OFF.	1.08		2	20/1	LIGHTS OFF	0.3	
3	20/1	REC. TMB		0.36	4	20/1	LIGHTSS RR		0.3
5	20/1	REC STORAGE	0.18		6	20/1	LIGHTS LIBRARY	0.6	
7	20/1	REC.LIBRARY		1.08	8	20/1	LIGHTS LIBRARY		0.6
9	20/1	REC. FLR BOX	0.18		10	20/1	LIGHTS LIBRARY	0.6	
11	20/1	REC. PONY WALL FRNT DESK		0.36	12	20/1	LIGHTS LIBRARY		0.6
13	20/1	REC. LIBRARY	1.08		14	20/1	EX-FAN RR	0.1	
15	20/1	REC. RR		0.36	16	20/1	LIGHTS OUTSIDE		1
17	-/1	SPACE	0		18	20/1	SPACE	0	
19	20/1	ALARM SYS (1)		0.2	20	20/1	SERVER QUAD		0.36
21	20/1	WATER HEATER	1.5		22	20/1	E. WALL COMPUTER QUAD	0.36	
23	20/1	RR/STRG LIGHTING		0.208	24	20/1	E. WALL COMPUTER QUAD		0.36
25	20/1	MEETING RM LIGHTING	0.548		26	20/1	PROJECTOR REC.	0.6	
27	20/1	RR REC.		0.18	28	-/1	SPACE		0
29	20/1	REC. COFFEE	1.2		30	-/1	SPACE	0	
31	20/1	MISC. REF.		1.5	32	-/1	SPACE		0
33	20/1	EXT.REC.GFCI	0.18		34	70/2	A/C UNIT W SIDE	4.92	
35	20/1	WH-A		1.92	36				4.92
37	40/2	RTU-A1	3.67		38	70/2	A/C UNIT E SIDE	3.88	
39				3.67	40		22.1A OD COMP,2.1A ID FAN, 7FLA		3.88
TOTAL CONNECTED KVA BY PHASE								21	21.9
TOTAL CONNECTED AMPS BY PHASE								175	182

	CONN. KVA	CALC. KVA		CONN. KVA	CALC. KVA
LIGHTING	4.66	5.82 (125%)	CONTINUOUS	0	0 (125%)
LARGEST MOTOR	9.84	12.3 (125%)	HEATING	0	0 (100%)
OTHER MOTORS	15.3	15.3 (100%)	NONCONTINUOUS	3.42	3.42 (100%)
RECEPTACLES	9.62	9.62 (50%>10)	KITCHEN EQUIP	0	0 (N/A)
KITCHEN	0	0 (100%)	NONCOIN/DIVERSE	0	0 (N/A)
			TOTAL KVA	42.8	46.5

BALANCED PHASE AMPS 194

SEE SHEET E10

YOUNGTOWN PUBLIC LIBRARY
 12030 N. CLUBHOUSE SQUARE
 YOUNGTOWN, AZ 85363

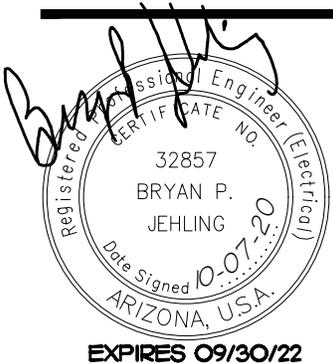
RF: PROJECTOR **Sheet No:** **SKE-2**

Drawn: E.R.C. **Date:** 10/07/20

Checked: K.J.H. **Scale:** NOT TO SCALE

MAVEN ENGINEERING Job #19CHE220
 Tel: (480) 303-0180
 Fax: (480) 302-7927
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BID QUESTIONS:

QUESTION 1

Date: 9/28/2020

Contractor: Path Construction Southwest

Question: On sheet A8.2 can you help with the location of scope of work defined in details 7, 8, 9 & 10.

Response: Sheet A8.2 details 6 thru 11 are the required fencing around fire riser as indicated on Sheet A1.1, SITE PLAN – LEGEND NEW under symbol FR, “NEW FIRE RISER WITH FENCE AND GATE – SEE FENCE AND GATE DETAILS ON SHEET A8.2 – SEE CIVIL.”

QUESTION 2

Date: 9/29/2020

Contractor: GeoTek

Question: I know the pre-bid conference is tomorrow morning, but I wanted to check with you first to see if the Town of Youngtown will be selecting the firm to perform 3rd party construction materials testing and special inspections on the Library Addition project. If so, I'd be happy to make our proposal/contract out to you guys and send it over when we finish it, otherwise we will solicit it out to all the bidding general contractors.

Response: There will be no additional third-party construction materials testing completed by the Owner as regular course of work. General Contractors are responsible for materials testing to follow general requirements of the Town and standards of practice.

QUESTION 3

Date: 9/29/2020

Contractor: Path Construction Southwest

Question: Note 5 on Sheet A2.1 calls for a Wall Mounted projector provided by Contractor. Please provide spec for projector or location if included in the plans and specs.

Response: Contractor to provide BrightLink 695Wi WXGA 3LCD Ultra Short-throw Interactive Display as indicated in addendum attachments. Contractor to provide power and (2) data connections

for HDMI as indicated by electrical and coordinated locations with manufacturer cutsheets. Reference Addendum #2 attachments for power and data connections to projector system.

QUESTION 4

Date: 9/29/2020

Contractor: Path Construction Southwest

Question: The plans do not include landscape and irrigation but they are in the specs. Will there be additional sheets?

Response: Existing landscape sprinkler and flood irrigation systems to be modified by contractor to accommodate new building placement. Final system design and function shall match existing conditions.

QUESTION 5

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Bid form indicated unit prices, does not have a bid or alternate location. Do you want a breakdown in the bid?

Response: Bid form to be issued in the addendum #1 with lump sum and alternates called out. Reference question 13.

QUESTION 6

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Does contractor need a business license and will it be required for subcontractors?

Response: General Contractors will only need a business license for this project, not subcontractors.

QUESTION 7

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: In section 01 21 00 – Allowances, are there allowances in this project?

Response: There are no allowances called out in this project currently.

QUESTION 8

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Contract has three alternates, but no place in bid form?

Response: Reference question 5.

QUESTION 9

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Bid submittal, item 3 evidence of bondability. We need to provide a letter from the bonding company, but not listed in the bid items required?

Response: Per Section II of the “Information for Bidders and Bidding Requirements” performance and payment bonds are to be furnished within (10) ten days or forfeit the Bid Bond. Bondability is expected if bidder is submitting a bid and bid bond. The “bondability” is a checklist reference for the Bid Officer described in the procedures under “Checklist for Receiving and Opening Bids.”

QUESTION 10

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: October 14th we need to have a hard copy of the bid sent in?

Response: Yes, the Town requires hardcopies of the bidding documents submitted.

QUESTION 11

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Do we have an asbestos and lead report for the building? Nothing has covered it in testing or removal?

Response: Town of Youngtown will coordinate the testing and removal of asbestos and lead within the building.

QUESTION 12

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: When is the notice to proceed date?

Response: It is anticipated award of contract will be approved in a November Council meeting with Notice to Proceed immediately following.

QUESTION 13

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Bid form and bid schedule has a source code, not sure what to do with code?

Response: Source codes are for Town use only and not required by Bidders. Addendum #2 has removed this document in its entirety.

QUESTION 14

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: How much is liquidated damages?

Response: \$500.00 per day.

QUESTION 15

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Is there a charge for the permit and is it ready for pickup?

Response: No charge for permit and ready to pickup.

QUESTION 16

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Who is the Fire Alarm vendor for the Town currently so the systems can coordinate?

Response: Existing fire alarm company is Noble Protection, LLC, 9702 Pioneer Valley Road, Flagstaff, AZ 86004, ROC 207750, nobleprotection@msn.com, Rich Novoa.

QUESTION 17

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Will the library be operational during the construction?

Response: Yes, the library will be operational as dictated by the COVID-19 limitation. Contractor to provide temporary barrier between occupied spaces and scope of work. Temporary fence is required around the scope of work to limit access. Reference Specification section 01 50 00-5, 3.4 SECURITY AND PROTECTION FACILITIES INSTALLATION.

QUESTION 18

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Is there a budget or engineer estimate?

Response: No.

QUESTION 19

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: AWI certification required for casework?

Response: Contractor shall comply with AWI quality standards and meet the qualifications requirements set in Specification Section 06 41 16-1, 1.4 QUALITY ASSURANCES.

QUESTION 20

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Contractor parking and laydown area?

Response: (2) Two parking spaces are available in front of the Code Enforcement building and street parking adjacent to the library building. Parking may be available in front of the previous obtained EPCOR water building and tanks if approval is obtained from EPCOR.

QUESTION 21

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Is the entire facility to be fire sprinkled?

Response: Yes, the entire facility is to be fire sprinkled. Contractor to work with Owner on times and availability of construction. Construction to occur during nights and weekends within occupied areas of the existing building.

QUESTION 22

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Exterior conduit or collector box has been found on the east side of the existing building?

Response: Existing conduit is for special system connections and shall be extended within concealed ceiling spaces in conduit to exterior wall. Connect into existing special system conduit that extends to adjacent building on campus. Existing systems to be maintained active during construction and protected to maintain operation of adjacent building.

QUESTION 23

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Structural is showing masonry and Architectural is showing stud walls?

Response: Existing wall construction cannot be determined. Contractor to bid based on the most costly option with verification in the field based on field conditions. The structural engineer has indicated if the existing structure is wood framed construction then the wood header schedule on Sheet S3.0 shall be used for new openings.

QUESTION 24

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question: Who was the roofing contractor previously for the warranty information and to maintain warranty?

Response: The existing roofing contractor that holds the warranty for the existing roof is Sunland Plumbing and Construction located in Youngtown.

QUESTION 25

Date: 9/30/2020

Contractor: Pre-Bid Meeting

Question:

1. An entire section 01 21 00 is devoted with no allowance number?
2. Section 01 23 00 shows 3 alternates. No place in the Bid Form to list them.
3. 3.10 Bid Submittal lists the required documents. Items (3) g. "Evidence of Bondability" in the Procedures for Opening Bids has been added but not included in 3.10.
4. Bid Bond Form does not have a place for Owner of the Bidder to sign.
5. Similar Projects Form states "Provide information for at least three (3) similar projects successfully completed within the last five (5) years". The Bid documents, however, provide only Forms labeled "Name of Similar Projects #1 and "Similar Project #2" only.
6. 3.1 Bid Submittal lists as a required document with the bid item D. "Authorized Signature Form". The actual form however, is set up and the language is for a Corporation. What if the bidder is a partnership? There is no Form for that. The Bid Form at the end includes a space for a partner signing the Bid is authorized to sign. Is this a duplication of based on this a Partnership Bid will include the "Authorized Signature" as drafted, unsigned.
7. The Bid Opening date and time on the invitation states 10/14/2020 at 1:00 pm. "Procedure for receiving Bids" states: 2:00 pm.
8. Section 01 40 00 Quality Requirements states that the costs for testing and inspections is covered in the section 01 21 00 Allowances. However, not monetary amount is located in the Allowances. In Definitions paragraph 1.3 of the same section, it implies that the General Contractor pays for testing and inspections. We need to know who pays for; earthwork

compaction tests, concrete cylinders and concrete testing, and all other inspections required in the building permit.

9. Additionally, who pays for the building permit? Is it ready? What are the fees associated on it?
10. Who pays for the Fire Marshal Permit Fees and inspections.

Response:

1. Reference Question 5.
2. Reference Question 7.
3. Reference Question 9.
4. Reference Question 5.
5. Contractors are required only to provide (2) two similar projects with associated forms.
6. The same bid form can be used for corporations or partnerships.
7. Bid Opening date and time on the invitation is 10/14/2020 at 1:00 pm.
8. Reference Question 2.
9. Reference Question 15.
10. Deferred submittals, fees and inspections of deferred submittals are to be paid by the General Contractor. Fire Marshal permits have been obtained for the building permit only.

QUESTION 26

Date: 10/6/2020

Contractor: GCON

Question: Does the existing building have a fire sprinkler system or will we have to provide fire sprinkler to existing and new building.

Response: Reference Question 21.

QUESTION 27

Date: 10/6/2020

Contractor: GCON

Question: Current fire alarm system is a Potter system but call out using a Gamewell system. Please advise.

Response: Reference Question 16. General Contractor to provide and match the existing system and provide a compatible fire alarm system which is integrated into the existing system.

QUESTION 28

Date: 10/6/2020

Contractor: ETC Building and Design

Question: Sheet A2.1 note 12 calls for new stud infill wall with 5/8" GWB to match adjacent surface. Sheet S3.0 Roof Framing Plan Notes #4 calls to infill existing masonry wall opening per detail 404. Which is the correct approach?

Response: Reference Question 23.

QUESTION 29

Date: 10/6/2020

Contractor: GCON

Question: Spec says walkways of gray spaghetti mat. Plans do not show walkways. Please advise how to bid this.

Response: Walk pads on the roof are not included in this project.

QUESTION 30

Date: 10/7/2020

Contractor: Redden Construction

Question:

1. For millwork, can we use a contractor that builds their products to AWI standards but is not officially certified?
2. Plans call for a Class A roof system over plywood deck but do not indicate a cementitious top coat on the foam roofing:
 - a. Thickness of the foam deired (1" is minimum)? Plans and specs specify both 1.5" and 2". Which thickness is required?
 - b. Fire rating is specified as Class A. If Class A is needed, then roof must have cemenetitious coating applied over foam roof.
 - c. Coating thickness specified is usually acrylic coating.
3. Page A8.0 Note 14 indicates wall tile in the restroom. This is not on the drawings. Do we include wall tile in the restroom?

Response:

1. Reference Question 19.
2. Per IBC 2018 Table 1505.1, Type VB requires Class C.

- a. Minimum thickness of foam roofing is (2) two inches.
 - b. Provide Class C roofing system.
 - c. Acrylic coating is required.
3. Wall tiles in reference are the (6) six inch minimum tile base to have Schluter strip bullnose and cove base.

QUESTION 31

Date: 10/7/2020

Contractor: McCarthy Building Company

Question:

1. Please provide power requirements and location for the projector.
2. Does there need to be an access panel in Room 105 to get to the Communication Box.
3. Would a steel roof access ladder be acceptable in lieu of aluminum?
4. Please confirm that door frames 102A-102B and 104A are to be aluminum and not wood.
5. As a VE option, can the FDC be installed at the riser in lieu of remote FDC? This would save thousands of dollars. (see attached sheet FL3)
6. Sheet FL3 indicates the new fire line is to be PVC? Fireline in roadways and in ROW are typically required to be Ductile Iron Pipe. Please confirm the type material to be install in ROW. (see attached sheet FL3)

Response:

1. Reference Addendum #2 for electrical sketches.
2. Reference Question 22.
3. Steel access ladder is acceptable in lieu of aluminum.
4. Door frames indicated are to have an aluminum frame as indicated on schedule and details.
5. This is a requirement by the Fire Marshal.
6. Civil Engineer has confirmed EPCOR does not have a requirement within their documents for ductile iron, PVC is acceptable installation material.

QUESTION 32

Date: 10/6/2020

Contractor: Edge Construction

Question: We are a Commercial GC interested in bidding the Young Town Library Addition. We noticed the bid form provided with the IFB is in Unit Cost format. It is unusual to provide a unit cost bid for additions and ground up construction. Could you please confirm whether or not we were provided with the correct bid form for this project?

Response: Reference Question 13.