

**ADDENDUM NO. 01**

**Project:** Monett Library Branch  
**Owner:** Barry-Lawrence Regional Library  
**Date:** 6/25/2021  
**Pages:** 23

This addendum shall modify the drawings and specifications as described here-in. However, this addendum shall not relieve any party of any responsibility under the plans and specifications except as amended in this document so written.

\*See following pages for COMPLETE Addenda: (if **bold** - indicates included in this Addenda)

**Bid Packages**

Civil

**Architectural**

Structural

MEP

**GENERAL:**

- 1) See attached for Pre-Bid Meeting Agenda, Questions asked and answered at Pre-Bid and Pre-Bid Meeting Attendees Sheet.
- 2) Clarification: This project is tax exempt and prevailing wage.
- 3) See attached NEW Bid Form. Delete the Bid Form included in the Project Manual and replace it with the attached Section 00 41 00 Bid Form.
- 4) Reference Section 00 21 13 Instructions to Bidders page 2, Paragraph 4. Substitutions: Delete CSI Form 13.1A in sentence two and replace with CSI Form 1.5C Substitution Request.

**BID PACKAGES:**

- 1) Reference Section 00 20 00 Scopes of Work (Bid Packages) page 1. Delete Bid Package 07A EIFS. This Scope of Work is not included in this project.
- 2) Bid Package 06 Millwork shall include in their bid an allowance of \$ 6,000.00 for the kiln dried live tree. This amount shall include the labor and material to fulfil this requirement.

***PRE-BID MEETING AGENDA***

**Project:** Monett Library Branch  
**Owner:** Barry-Lawrence Regional Library  
**Date:** 06/23/2021  
**Time:** 2:00 PM  
**Location:** 101 N. Walnut, Pierce City, MO 65723 & via ZOOM Video Conference

**SIGN-IN SHEET**

**1) PROJECT TEAM & INTRODUCTIONS:**

- a. Owner: Barry-Lawrence Regional Library
  - i. Gina Milburn – Library Director
  - ii. Joyce Frazier – Administrative Assistant
- b. Construction Manager: R.E. Smith Construction Company
  - i. Clint Walton, Project Manager
- c. Architect: Paragon Architecture
  - i. Alex Mosby, Project Manager
- d. Civil: Toth & Associates
- e. Structural: J&M Engineering
- f. MEP: Interpres Building Solutions

**2) THE PROJECT**

- a. The Project is located at 2200 Park Street, Monett, MO 65708 in Lawrence County in the State of MO. It consists of Construction of an approximate 22,000 sqft Building including Site Demolition, Site Utility Development, Site Grading, Concrete Foundations, Masonry, Structural Steel, Rough Carpentry, Metal Stud Framing and Trusses, Metal Wall Panels, Standing Seam Roofing, Hollow Metal and Wood Doors, Aluminum Framed Entrances, Aluminum Windows/Storefronts, Gypsum Board, Acoustical Ceilings, Tile, Carpet, Resilient Flooring, Painting, Specialties, Window Shades, Fire Sprinkler, Plumbing, HVAC, Electrical, Special Systems, Concrete and Asphalt Paving and Landscaping.
- b. The Project will start in Late July / Early August and be Substantially Complete by September 2022 and Finally Complete with-in 30 days.
- c. This is a Non-Smoking Project.
- d. Construction Personnel Parking will be on the East and North parking lot areas adjacent to the Construction entrance but past utilities (until they are installed).
  - i. This will also act as some lay-down area as approved and directed by the CM.
  - ii. The Bid Package 31 (Site Contractor) will complete ENTIRE final rough grading (minus topsoil placement) prior to their initial demobilization.

**3) BIDDING**

- a. ***BID DATE: 07/07/2021***
- b. ***BIDS DUE (TIME): 2:00 pm***
- c. Read Bids aloud 2:01 pm to TBD
- d. Post Bid Interviews with Subcontractors 07/07/2021 – 07/10/2021

Barry-Lawrence Regional Library:  
**MONETT BRANCH LIBRARY**

- e. NTP to Recommended Subs on or about 7/15/2021 (this may be sooner depending on factors involved)
- f. Important Bidding Information
  - i. Submission of Bids
    - 1. See Section 00 19 00

**ALL BIDS ARE DUE NO LATER THAN 2:00 p.m. CT on July 7, 2021 at the location provided below and as follows:**

- 1. **Hand Delivered and Mailed Bids** are the only acceptable form of providing bids and are to be delivered:
  - a. In a Sealed envelope bearing the following:

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Barry-Lawrence Pierce City Library  
101 N. Walnut St.,  
Pierce City, MO 65723  
Attn: Clint Walton  
R.E. Smith Construction Company

Bidding:  
Barry-Lawrence Regional Library:  
Monett Branch Library

- 
- ii. Bid Form - Section 00 41 00 (See attached)
    - 1. Indicate Bid Package bidding
    - 2. Date
    - 3. Company Name of Submitting Company
    - 4. Addenda
    - 5. Bid Pricing/Base Bid
    - 6. Alternates
      - a. #1 Value Engineering
      - b. #2 Value Engineering
    - 7. P&P Bond
      - a. is required to be included as a Lump Sum cost on the Bid Form for ALL Subcontractors bidding.
    - 8. Unit Prices
      - a. Unsuitable Soil
      - b. Fill
      - c. Engineered Fill
      - d. Mass Rock
      - e. Trench Rock
    - 9. Bidders Signature
    - 10. Printed Name
    - 11. Contact Phone #

- 12. Email address for Communication
- 13. Licensed to do business in Monett, MO

**g. BID PACKAGES**

Common Requirements	Provisions (Applicable to <u>ALL</u> Bid Packages)
Bid Package 03	Concrete
Bid Package 04	Masonry
Bid Package 05	Structural Steel
Bid Package 06	Millwork
Bid Package 07	Metal Wall & Roof Panels
Bid Package 08	Storefronts/Glazing
Bid Package 08A	General Trades
Bid Package 09	Metal Studs/Gyp Board/Ceilings/Insulation
Bid Package 09A	Flooring
Bid Package 09B	Painting
Bid Package 21	Fire Sprinkler
Bid Package 22	Plumbing
Bid Package 23	HVAC
Bid Package 26	Electrical
Bid Package 31	Site Work/Site Demolition
Bid Package 32A	Asphalt Paving

**4) BID DOCUMENTS**

- a. **All Bidders are hereby directed to the Project Construction Documents:**
  - i. **Tri-State Area Contractors Association** – Joplin, MO
  - ii. **Engineers Reprographic** – Springfield, MO
  - iii. **Builders Association** – Springfield, MO
  - iv. **RE Smith Construction Plan Room** – Joplin, MO and at the website below  
<https://resmithconst.com/plan-room-2/>

**5) COMMUNICATION DURING BIDDING**

- a. **ALL QUESTIONS, RFI's, SUBSTITUTION REQUESTS, ETC., ARE TO BE DIRECTED TO THE CM.** ONLY Email or written correspondence will be accepted.
  - i. Email: [estimating@resmithconst.com](mailto:estimating@resmithconst.com)
  - ii. Written correspondence: 1036 W. 2<sup>nd</sup> St., Joplin, MO 64801 Attn: Clint Walton
    - 1. Mark written correspondences with the project name and the word URGENT.

**6) ADDENDUM SCHEDULE**

- a. Addendum #1 Released Date 06/25/2021
- b. Addendum #2 Released Date 07/02/2021

**7) OTHER BIDDING REQUIREMENTS (Items c. d. e. are not to be with bid but must be in place to execute a contract with RE Smith Construction)**

- a. Prevailing Wage, Lawrence #28
- b. Material Tax Exempt
- c. OSHA 10 Hour Safety Training
- d. E-Verify
- e. Vendor No Tax Due

8) **QUESTIONS**

- a. Is a BID BOND REQUIRED?
  - i. No. Bid Bond is not required
- b. Is the Geo Tech report part of the bidding documents?
  - i. No. The Geo Tech is included for reference only but is not part of the bid requirements.
- c. Bid Package 06 The Kiln Dried Tree is to be included. How do we handle this?
  - i. See Addendum 01 for requirements related to this question.

PRE-BID MEETING SIGN-IN SHEET

Project: Monett Library Branch  
 Owner: Barry-Lawrence Regional Library  
 Date: 06/23/2021  
 Time: 2:00 PM  
 Location: 101 N. Walnut, Pierce City, MO 65723 & via ZOOM Video Conference

COMPANY NAME	CONTACT NAME	EMAIL ADDRESS	PHONE NO.	BID PK#
BLRL	Joyce Francis			1
BET	Scott Edge	sedge@beijopin.com	417 850 1362	24
BLRL	Cina Milburn			1
PRO Electric	Jeff McLaughlin	jeffm@proelect.com	417 224-3949	
Schaen's Heating & Air	Marcus Scheen	gshp@mo-net.com	417 235-4930	23
Dirks Heavy Contractors	Eric McPeak	eric@dirksheavy.com	660-464-1320	31
Dirks Heavy Contractors	Ethan McPeak	ethan@dirksheavy.com	660-679-1318	31
INTERPRES	BRAD PALMER	palmet@iotetpresbuild.com	417-631-9015	1
INTERPRES	ANDREW WILSON	palmet@iotetpresbuild.com	417-631-9015	1
PARAGON ARCHITECTURE	ALEX MOSBY	MOSBY@PARAGONARCHITECTURE.COM	417-885-0002	1
HUTCHENS CONST.	BRIAN RCKETT			32
PARKS CABINETS	BRUCE PARKS			06
Paragon Archt.	Jessica Stockhoff			1
R.E. SMITH Construction	CLINT WALTON	clint@resmithconst.com		1
Jim Engineers	CHARLES TAYLOR			1
TOTT & ASSOCIATES	DAVID GARRETT			1

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**SECTION 00 41 00 – BID FORM**

**LUMP SUM BID for BID PACKAGE # \_\_\_\_\_**

Date: \_\_\_\_\_

TO: **R.E. Smith Construction Company**  
1036 W. 2<sup>nd</sup> Street  
Joplin, MO 64802  
(417) 623-4545

COMPANY NAME:

\_\_\_\_\_

(Hereinafter called "Bidder")

- 1. The Bidder**, in accordance with the Drawings and Specifications, prepared by Paragon Architecture and R.E. Smith Construction Company for the project entitled:

**Barry-Lawrence Regional Library:  
Monett Branch Library**

having examined the Drawings and Specifications with related documents and the site of the proposed work, and being familiar with all the conditions pertaining to the construction of the project and related work, including the availability of materials and labor, hereby proposes to furnish all labor, materials and supplies to construct the project in accordance with the Contract Documents, within the time set forth herein at the prices stated below. These prices are to cover all expenses, including any and all taxes and fees required by local ordinances, which are incurred in performing the work required under the Contract Documents, of which this Bid is a part.

**2. ADDENDA:**

The Bidder acknowledges receipt of the following addenda:

Addendum No. \_\_\_\_\_ dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_ dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_ dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_ dated \_\_\_\_\_

**3. BID PRICING:**

In the following Bid, the amount shall be shown in both words and figures.

A. BASE BID:

The Bidder agrees to furnish all labor, materials, tools, and equipment required to complete the construction work shown on the Drawings and called for in the Specifications for the sum of:

\_\_\_\_\_ Dollars  
\$(\_\_\_\_\_)

B. ALTERNATES:

a. Alternate #1 VOLUNTARY ALTERNATE:

ADD/DEDUCT/NO CHANGE \$ \_\_\_\_\_

b. Alternate #2 VOLUNTARY ALTERNATE:

ADD/DEDUCT/NO CHANGE \$ \_\_\_\_\_

C. PERFORMANCE AND PAYMENT BOND:

Bidder shall state only the additional cost for adding a performance and payment bond to their Base Bid Pricing. \$ \_\_\_\_\_

Bidder shall state only the additional or reduced cost for adding a performance and payment bond to their Alternate Bid Pricing. \$ \_\_\_\_\_

D. UNIT PRICES:

*Complete this section only when it is applicable to the Bid Package.*

1. Excavation of unclassified or unsuitable material haul off site \$\_\_\_\_\_/cu.yd.
2. Excavation of unclassified or unsuitable material stockpile on site  
\$\_\_\_\_\_/cu.yd.
3. Additional Fill; in place from off-site material. \$\_\_\_\_\_/cu.yd.



- 4. Engineered Fill; in place from off-site material. \$\_\_\_\_\_/cu.yd.
- 5. Additional Fill; in place from on-site material. \$\_\_\_\_\_/cu.yd.
- 6. Rock excavation:
  - 1) Mass Rock \$\_\_\_\_\_/cu.yd.
  - 2) Trench Rock up to 10 feet below adjacent grade. \$\_\_\_\_\_/cu.yd.

4. **BIDDER'S SIGNATURE:**

\_\_\_\_\_  
Signature of Bidding Company Officer

\_\_\_\_\_  
Printed Name of Officer

\_\_\_\_\_  
Telephone Number

Licensed to do business in  
Monett, MO:  
Yes: \_\_\_\_\_ No: \_\_\_\_\_

\_\_\_\_\_  
Address for Communications

(Each Bidder must complete the bid form by manually signing on the proper signature line above and supplying the required information called for in connection with the signature. The information called for is necessary in the proper preparation of the contract and performance bond. Each in the Bidder must supply the data called for "Statement of Bidder's Qualifications.") BY SIGNING ABOVE the Bidder acknowledges all descriptions and understands the items explained and described in the BID FORM INFORMATION document included as pages 4 through 6 of this Bid Form.

**\*NO MODIFICATIONS TO THE BID FORM ARE ALLOWED UNLESS SPECIFICALLY ALLOWED BY ADDENDA AND ONLY THEN SHALL MODIFICATION(S) BE ALLOWED. ONLY PAGES 1-3 OF THE BID FORM NEED TO BE SUBMITTED. NO QUALIFICATIONS, SUMMARY'S OF WORK, ETC., SHALL BE ATTACHED TO THE BID FORM OR INCLUDED WITH THE BID FORM IN THE SEALED ENVELOPE OF BID.\***

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## BID FORM INFORMATION

### 1. UNIT PRICES:

For changing specified quantities of work from those indicated by the Contract Drawings and Specifications, upon written instructions of the Owner and CM, the following Unit Prices shall prevail in accordance with the General Conditions.

The following Unit Prices shall include all labor, overhead and profit, materials, equipment, appliances, bailing, shoring, shoring removal, and all costs require to cover the finished work of the several kinds of work called for.

The following Unit Prices are required where applicable to particular Base Bid and/or Alternates being submitted.

Only a single Unit Price shall be given and it shall apply for either MORE or LESS work than that shown on the Drawings or called for in the Specifications as indicated to be included in the Base Bid and/or Alternates. In the event that more or less units than so indicated are actually furnished, Change Orders will be issued for the increased or decreased amount as approved by the Architect and CM.

The Bidder understands that the Owner and CM will not be liable for any Unit Price or any amount in excess of the Base Bid and any Alternate(s) accepted at time of award of contract, except as expressed in written Change Orders duly executed and delivered by the Owner and CM.

### 2. PROJECT COMPLETION:

Commencement: Subcontractor agrees to commence work on this project as directed by the CM with-in 48 hours of Notice or as the Project Schedule dictates.

Lowest and Best Bid: The Subcontractor acknowledges time is of the essence for this project. The Subcontractor acknowledges and agrees that the Owner and CM reserves the option of selecting the Subcontractor based on the **Lowest and Best Responsible Bid**. The Bidder agrees to hold the Owner, Architect and CM harmless and will make no claim against the Architect, Owner or CM for awarding a Lowest Responsible Bid. Refer to Sect. 00 21 13 Instructions to Bidders, for clarification of issues the Owner and CM may choose to consider in determining lowest responsible bid.

### 3. BIDDER'S ACKNOWLEDGMENTS:

The Bidder declares that he has had an opportunity to examine the site of the work and

he has examined the Contract Documents therefore; that he has carefully prepared his Bid upon the basis thereof, that he has carefully examined and checked this Bid and the materials, equipment, and labor required thereunder, the cost thereof, and his figures therefor, and hereby states that the amount, or amounts, set forth in this Bid is, or are, correct and that no mistake or error has occurred in this Bid or in the Bidder's computations upon which this Bid is based, and the Bidder agrees that he will make no claim for reformation, modifications, revisions, or correction of this Bid after the scheduled closing time for the receipt of Bids.

In submitting this Bid, it is agreed that it may not be withdrawn for a period of forty five (45) days after the scheduled closing time for receipt of Bids and that NO Force Majeure will be in place for any Subcontractor, Supplier or entity providing goods or services on this project. All costs shall be held and products ordered as necessary to hold the provided bid cost.

The Bidder understands that the Owner and CM reserves the right to award the contract to the lowest and best responsible bidder and to reject any or all bids and / or to waive any technicalities or informalities in the bidding.

4. BIDDER'S CERTIFICATE:

The Bidder hereby certifies:

- a) That his bid is genuine and is not made in the interest of, or on behalf of any undisclosed person, firm, or corporation, and is not submitted in conformity with any agreement or rules of any group, association or corporation.
- b) That he has not directly or indirectly induced or solicited any other bidder to; a) put in a false or sham bid, or b) not provide their supplier, manufacturer or subcontractors bids to the CM.
- c) That he has not solicited or induced any person, firm or corporation to refrain from bidding.
- d) That he has not sought by collusion or otherwise to obtain for himself any advantage over any other Bidder or over the Owner or CM.
- e) That he will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin in connection with the performance of the work.
- h) That he is familiar with the requirements for primary responsibility to coordinate the work and will comply with the conditions of the contract and cooperate with the Architect and CM in fulfilling his administration responsibilities to the contract.

- 
- i) That he will comply with requirements for the Project Schedule and that schedule will become one of the communication devices for communicating project progress to the Architect, Owner and CM.
  - j) That Lowest and Best Responsible Bid will prevail over Lowest Bid.
  - k) That this is Prevailing Wage Project.
  - l) That this project DOES qualify for Tax Exempt Status and the bid reflects exclusion of all required state, local and federal taxes on material used in the construction of this project.

**END OF BID FORM SECTION 00 41 00**



637 W College St  
Springfield, MO 65806  
417-885-0002  
paragonarchitecture.com

## Addendum (ADD) #1

<b>Project:</b>	<b>Monett Library Branch 19-556</b>
<b>Client:</b>	<b>Barry-Lawrence Regional Library</b>
<b>Date:</b>	<b>June 25, 2021</b>

This addendum shall modify the drawings and specification requirements as herein noted. However, this addendum shall not relieve the construction manager at-risk or sub-contractors of any responsibility under the plans and specifications except as amended herein.

### GENERAL:

1. Substitution requests:
  - a. Dimensional Metals Inc., Double-Lock DL20 was reviewed and approved. See attached for substitution request.
  - b. Dimensional Metals Inc., 7.2 Panel WP72 was reviewed and approved. See attached for substitution request.
  - c. Dimensional Metals Inc., Flush-Panel FP10 was reviewed and approved. See attached for substitution request.
  - d. Carlisle Coatings & Waterproofing, Barritech VP was reviewed and approved. See attached for substitution request.

### SPECIFICATIONS:

1. 10 14 00 Signage
  - a. Added sections 2.8.A.9, 2.8.A.9.a, and 2.8.A.9.b as follows:
    - “9. Provide LED display from one of the following manufacturers:
      - a. Daktronics, Inc.
      - b. Watchfire Signs, LLC.”
  - b. Revised section 2.8.C.2 to read: “Scheduling software shall be in the cloud and sent to the display panel by wireless signal through integral on-board 4G cellular communications equipment.”

### DRAWINGS:

1. Sheet A1-0, Partition Type General Notes
  - a. Removed note 9 from Partition Type General Notes.

**END OF ADDENDUM**



Project: Monett Branch Library Substitution Request Number: \_\_\_\_\_  
Monett, MO From: Luna & Associates  
To: Paragon Architecture Date: 6/23/2021  
R E Smith Construction Co A/E Project Number: 19-556  
Re: Substitution Request Contract For: Weather Barrier

Specification Title: Weather Barriers Description: Fluid applied permeable air barrier  
Section: 072500 Page: 1 Article/Paragraph: 2.2

Proposed Substitution: Carlisle Coating & Waterproofing (CCW) Barritech VP fluid applied permeable barrier  
Manufacturer: CCW Phone: 800-527-7092  
Trade Name: Barritech VP Model No.: n/a

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Stephanie Waggoner  
Signed by: *Stephanie Waggoner*  
Firm: Luna & Associates  
Address: KS/MO  
Telephone: 402-763-0206

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: ALEX MOSBY

Date: June 24, 2021

Supporting Data Attached:  Drawings  Product Data  Samples  Tests  Reports  \_\_\_\_\_

**Attach to E-Mail** **Print a Copy** **Save a Copy** **Attach a file** **Reset Form**



**SUBSTITUTION REQUEST**  
(During the Bidding Phase)

Project: Barry-Lawrence Regional Library Substitution Request Number: \_\_\_\_\_  
Monett Library Branch  
 From: Angela Janssen  
 To: Paragon Architecture Date: 6/24/2021  
 A/E Project Number: 19-556  
 Re: Alex Mosby Contract For: \_\_\_\_\_

Specification Title: Metal Roof Panels Description: Standing Seam Metal Roof Panels  
 Section: 074113 Page: 1 Article/Paragraph: 2.1

Proposed Substitution: DL2018  
 Manufacturer: DMI Address: 58 Klema Drive North Reynoldsburg Oh 43068 Phone: 314-356-0575  
 Trade Name: Sheet Metal Model No.: \_\_\_\_\_

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Angela Janssen  
 Signed by: Angela Janssen  
 Firm: Dimensional Metals Inc. (DMI)  
 Address: 58 Klema Drive North Reynoldsburg Oh 43068  
 Telephone: 314-356-0575

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01330.
- Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
- Substitution rejected - Use specified materials.
- Substitution Request received too late - Use specified materials.

Signed by: ALEX MOSBY

Date: June 24, 2021

Supporting Data Attached:  Drawings  Product Data  Samples  Tests  Reports  \_\_\_\_\_



SUBSTITUTION REQUEST (During the Bidding Phase)

Project: Barry-Lawrence Regional Library
Monett Library Branch
To: Paragon Architecture
Re: Alex Mosby
Substitution Request Number:
From: Angela Janssen
Date: 6/24/2021
A/E Project Number: 19-556
Contract For:

Specification Title: Metal Wall Panels
Section: 074213 Page: 1
Description: Exposed Fastener Wall Panel
Article/Paragraph: 2.1

Proposed Substitution: WP72
Manufacturer: DMI Address: 58 Klema Drive North Reynoldsburg Oh 43068 Phone: 314-356-0575
Trade Name: Sheet Metal Model No.:

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request: applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
Same warranty will be furnished for proposed substitution as for specified product.
Same maintenance service and source of replacement parts, as applicable, is available.
Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
Proposed substitution does not affect dimensions and functional clearances.
Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Angela Janssen
Signed by: Angela Janssen
Firm: Dimensional Metals Inc. (DMI)
Address: 58 Klema Drive North Reynoldsburg Oh 43068
Telephone: 314-356-0575

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01330.
Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
Substitution rejected - Use specified materials.
Substitution Request received too late - Use specified materials.

Signed by: ALEX MOSBY

Date: June 24, 2021

Supporting Data Attached: [X] Drawings [X] Product Data [ ] Samples [X] Tests [ ] Reports [ ]





SUBSTITUTION REQUEST (During the Bidding Phase)

Project: Barry-Lawrence Regional Library
Monett Library Branch
To: Paragon Architecture
Re: Alex Mosby
Substitution Request Number:
From: Angela Janssen
Date: 6/24/2021
A/E Project Number: 19-556
Contract For:

Specification Title: Metal Wall Panels
Section: 074213 Page: 1
Description: Soffit Panels
Article/Paragraph: 2.1

Proposed Substitution: FP1012
Manufacturer: DMI Address: 58 Klema Drive North Reynoldsburg Oh 43068 Phone: 314-356-0575
Trade Name: Sheet Metal Model No.:

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request: applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
Same warranty will be furnished for proposed substitution as for specified product.
Same maintenance service and source of replacement parts, as applicable, is available.
Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
Proposed substitution does not affect dimensions and functional clearances.
Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Angela Janssen
Signed by: Angela Janssen
Firm: Dimensional Metals Inc. (DMI)
Address: 58 Klema Drive North Reynoldsburg Oh 43068
Telephone: 314-356-0575

A/E's REVIEW AND ACTION

- Substitution approved - Make submittals in accordance with Specification Section 01330.
Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
Substitution rejected - Use specified materials.
Substitution Request received too late - Use specified materials.

Signed by: ALEX MOSBY

Date: June 24, 2021

Supporting Data Attached: [x] Drawings [x] Product Data [ ] Samples [x] Tests [ ] Reports [ ]

## **SECTION 10 14 00 - SIGNAGE**

### **PART 1 GENERAL**

#### **1.1 SECTION INCLUDES**

- A. Cutout dimensional characters and shapes.
- B. Exterior LED display panels.
- C. Panel signs.

#### **1.2 SUBMITTALS**

- A. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.
- B. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, including text to be applied, sign and letter sizes, fonts, and colors.
  - 1. Submit for approval by Owner through Architect prior to fabrication.
- C. Samples: Submit one sample of each type of sign, of size similar to that required for project, illustrating sign style, font, shape, any exposed accessories, and method of attachment.
- D. Selection Samples: Coordinate colors design with Owner to achieve pantone colors of Owner branding.
- E. Verification Samples: For each type of sign assembly showing all components and with the required finish(es), in manufacturer's standard size unless otherwise indicated and as follows:
  - 1. Dimensional Characters: Half-size Sample of each type of dimensional character.
  - 2. Exposed Accessories: Full-size Sample of each accessory type.
- F. Show signage mounting heights, locations of supplementary supports to be provided by other installers, and accessories.
- G. Sample Warranty: For special warranty.

#### **1.3 CLOSEOUT SUBMITTALS**

- A. Maintenance Data: For signs to include in maintenance manuals.
- B. Wiring Diagrams.

#### **1.4 DELIVERY, STORAGE, AND HANDLING**

- A. Package signs as required to prevent damage before installation.
- B. Package room and door signs in sequential order of installation, labeled by floor or building.
- C. Store tape adhesive at normal room temperature.

#### **1.5 WARRANTY**

- A. Special Warranty: Manufacturer agrees to repair or replace components of signage that fail in materials or workmanship within specified warranty period.
  - 1. Failures include, but are not limited to, the following:
    - a. Deterioration of finishes beyond normal weathering.
    - b. Deterioration of embedded graphic image.
    - c. Separation or delamination of sheet materials and components.
  - 2. Warranty Period: Five years from Substantial Completion.

### **PART 2 PRODUCTS**

#### **2.1 PERFORMANCE REQUIREMENTS**

- A. Accessibility Standard: Comply with applicable provisions in the USDOJ's "2010 ADA Standards for Accessible Design" and the ICC A117.1.
- B. Thermal Movements: For exterior fabricated channel dimensional characters, allow for thermal movements from ambient and surface temperature changes.
  - 1. Temperature Change: 120 deg F, ambient; 180 deg F, material surfaces.
- C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

#### **2.2 PANEL SIGN MANUFACTURERS**

- A. Panel Signs: Sign with smooth, uniform surfaces; with message and characters having uniform faces, sharp corners, and precisely formed lines and profiles.

1. Best Sign Systems, Inc.
2. Cosco Industries.
3. FASTSIGNS.
4. Inpro.
5. Mohawk Sign Systems, Inc.
6. Seton Identification Products.
7. Signs & Decal Corporation.
8. Vista System.

### **2.3 PANEL SIGNAGE APPLICATIONS**

- A. Accessibility Compliance: Signs are required to comply with ADA Standards and ICC A117.1 <>, unless otherwise indicated; in the event of conflicting requirements, comply with the most comprehensive and specific requirements.
- B. Building Identification Signs:
  1. Use individual metal letters.
  2. Mount on outside wall in location indicated on drawings.
- C. Other Dimensional Letter Signs: Wall-mounted.

### **2.4 PANEL SIGN TYPES**

- A. Color and Font: Unless otherwise indicated:
  1. Character Font: Helvetica, Arial, or other sans serif font.
  2. Character Case: Upper case only.
  3. Background Color: As selected by Architect from manufacturer full line of colors.
  4. Character Color: Contrasting color. As selected by Architect from manufacturer full line of colors.

### **2.5 PANEL SIGNS**

- A. Panel Sign as indicated on Drawings: Sign with smooth, uniform surfaces; with message and characters having uniform faces, sharp corners, and precisely formed lines and profiles.
- B. Solid-Sheet Sign: Acrylic sheet with finish specified in "Surface Finish and Applied Graphics" Subparagraph and as follows:
  1. Thickness: Manufacturer's standard for size of sign.
  2. Surface-Applied, Flat Graphics: Applied vinyl film.
  3. Surface-Applied, Raised Graphics: Applied polymer characters and Braille.
- C. Sign-Panel Perimeter: Finish edges smooth.
  1. Edge Condition: As indicated on Drawings.
  2. Corner Condition in Elevation: As indicated on Drawings.
- D. Mounting: Manufacturer's standard method for substrates indicated, surface mounted to wall with concealed anchors, adhesive, or two face tape.
- E. Surface Finish and Applied Graphics:
  1. Integral Acrylic
  2. Sheet Color: As selected by Architect from full range of industry colors.
- F. Text and Typeface: Accessible raised characters and Braille.
- G. Flatness Tolerance: Sign shall remain flat or uniformly curved under installed conditions as indicated on Drawings and within a tolerance of plus or minus 1/16 inch measured diagonally from corner to corner.

### **2.6 PANEL SIGN MATERIALS**

- A. Acrylic Sheet: ASTM D 4802, category as standard with manufacturer for each sign, Type UVF (UV filtering).
- B. Vinyl Film: UV-resistant vinyl film of nominal thickness indicated, with pressure-sensitive, permanent adhesive on back; die cut to form characters or images as indicated on Drawings and suitable for exterior applications.

- C. Paints and Coatings for Sheet Materials: Inks, dyes, and paints that are recommended by manufacturer for optimum adherence to surface and are UV and water resistant for colors and exposure indicated.

**2.7 DIMENSIONAL CHARACTER AND SHAPES**

- A. Cutout Characters and Shapes as indicated on Drawings: Characters and Shapes with uniform faces; square-cut, smooth and eased edges; precisely formed lines and profiles; and as follows:
  1. Character Material: Sheet or Plate Aluminum for exterior applicaitons, MDF for interior applications.
  2. Character Height: As indicated on Drawings.
  3. Thickness: As indicated on Drawings.
  4. Finishes:
    - a. Painted Finishes:
      - 1) Interior Finish: Provide acrylic latex paint to MDF substrates.
      - 2) Exterior Finish: Provide manufacturer standard paint to sheet metal.
  5. Mounting: Stand off-hardware mounted to sheathing and through cladding material.
  6. Typeface: As indicated on Drawings.

**2.8 EXTERIOR LED DISPLAY PANELS**

- A. LED Display: Single sided LED display with screen dimensions of 48 inches high and 86 inches wide with an approximate aspect ratio of 9:16.
  1. Light-Emitting Diodes (LEDs): Internally illuminated signs shall utilize LEDs as specified for long term performance. Utilize white LEDs with a wavelength/color temperature of 6500 kelvin (K) unless otherwise specified. Each white LED module shall have a minimum light output of 24 lumens per module. LED shall be warrantied for a minimum of 100,000 hours. All power supplies shall provide constant current.
  2. Protective LED Display Cover: Provide vandal resistant UV solar grade high-impact resistant polycarbonate sign cover. Basis-of-design to be Lexan polycarbonate SGC-100 or equivalent.
  3. Minimum Pixel Pitch: 16 mm.
  4. Primary Electronical Voltage: 120 volts.
  5. Final electrical connections will be provided to sign installer utilizing a licensed electrician at the time of installation.
  6. Provide all remote power supplies, transformers, UL approved metal boxes and housings, secondary conduit runs, electrical wiring, installation hardware, disconnect switches, insulators, boots, and any miscellaneous components as required for a complete installation.
  7. Provide adequate ventilation systems for all sign components including motorized ventilation systems where forced ventilation is recommended by the manufacturer.
  8. Full color streaming video capability: 4.4 trillion colors, minimum 60 frames per second capable of fully animated graphics and capable of utilizing at minimum the AVI, JPS, TIFF, and MP4 file types.
  9. Provide LED display from one of the following manufacturers:
    - a. [Daktronics, Inc.](#)
    - b. [Watchfire Signs, LLC.](#)
- B. LED Sign Cabinet:
  1. Mount sign cabinet onto monument sign base as identified on the drawings.
  2. Sign cabinet shall be designed and constructed to be tightly sealed and weather protected to prevent incursion of water, moisture, dirt, fine sand particles and insect infestation. All external joints shall be continuously sealed to avoid electrical failure due to condensation or an accumulation of dust and dirt while still allowing for adequate ventilation and moisture drainage per manufacturer recommendations.

3. All interior surfaces of LED sign cabinet to be painted white with light enhancement paint (LEP) for optimum illumination output.
- C. Scheduling Transmissions:
1. Scheduling to be made in 12 or 24-hour formats.
  2. Scheduling software shall be in the cloud and sent to the display panel by wireless signal through integral on-board 4G cellular communications equipment.
  3. Sign should automatically reboot system disk after power outage.

## 2.9 MATERIALS

- A. Aluminum Sheet and Plate: ASTM B 209, alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated.
- B. Aluminum Extrusions: ASTM B 221, alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated.
- C. Acrylic Sheet: ASTM D 4802, category as standard with manufacturer for each sign, Type UVF (UV filtering).
- D. Paints and Coatings for Sheet Materials: Inks, dyes, and paints that are recommended by manufacturer for optimum adherence to surface and are UV and water resistant for colors and exposure indicated.

## 2.10 FABRICATION

- A. General: Provide manufacturer's standard sign assemblies according to requirements indicated.
  1. Pre-assemble signs in the shop to greatest extent possible. Disassemble signs and assemblies only as necessary for shipping and handling limitations. Clearly mark units for reassembly and installation; apply markings in locations concealed from view after final assembly.
  2. Mill joints to a tight, hairline fit. Form assemblies and joints exposed to weather to resist water penetration and retention.
  3. Conceal connections if possible; otherwise, locate connections where they are inconspicuous.
  4. Internally brace signs for stability, to meet structural performance loading without oil-canning or other surface deformation, and for securing fasteners.
  5. Provide rabbets, lugs, and tabs necessary to assemble components and to attach to existing work. Drill and tap for required fasteners. Use concealed fasteners where possible; use exposed fasteners that match sign finish.
  6. Comply with AWS for recommended practices in welding and brazing. Provide welds and brazes behind finished surfaces without distorting or discoloring exposed side. Clean exposed welded and brazed connections of flux, and dress exposed and contact surfaces.
  7. Castings: Fabricate castings free of warp, cracks, blowholes, pits, scale, sand holes, and other defects that impair appearance or strength. Grind, wire brush, sandblast, and buff castings to remove seams, gate marks, casting flash, and other casting marks before finishing.
- B. Brackets: Fabricate brackets, fittings, and hardware for bracket-mounted signs to suit sign construction and mounting conditions indicated. Modify manufacturer's standard brackets as required.
  1. Aluminum Brackets: Factory finish brackets with baked-enamel or powder-coat finish to match sign-background color unless otherwise indicated
  2. Stainless-Steel Brackets: Factory finish brackets to match sign background finish unless otherwise indicated.
- C. Surface-Engraved Graphics: Machine engrave characters and other graphic devices into indicated sign surface to produce precisely formed copy, incised to uniform depth.

1. Engraved Opaque Acrylic Sheet: Fill engraved graphics with manufacturer's standard enamel.
  2. Face-Engraved Clear Acrylic Sheet: Fill engraved copy with manufacturer's standard enamel. Apply manufacturer's standard opaque background color coating to back face of acrylic sheet.
- D. Subsurface-Applied Graphics: Apply graphics to back face of clear face-sheet material to produce precisely formed image. Image shall be free of rough edges.
- E. Shop- and Subsurface-Applied Vinyl: Align vinyl film in final position and apply to surface. Firmly press film from the middle outward to obtain good bond without blisters or fishmouths.

#### **2.11 GENERAL FINISH REQUIREMENTS**

- A. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- C. Organic, Anodic, and Chemically Produced Finishes: Apply to formed metal after fabrication but before applying contrasting polished finishes on raised features unless otherwise indicated.

#### **2.12 ACCESSORIES**

- A. Fasteners and Anchors: Manufacturer's standard as required for secure anchorage of signs, noncorrosive and compatible with each material joined, and complying with the following unless otherwise indicated:
1. Use concealed fasteners and anchors unless indicated to be exposed.
  2. Inserts: Furnish inserts to be set by other installers into concrete or masonry work.
- B. Two-Face Tape: Manufacturer's standard high-bond, foam-core tape, 0.045 inch thick, with adhesive on both sides.
- C. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187/D 1187M.
- D. Fasteners and Anchors: Manufacturer's standard as required for secure anchorage of plaques, noncorrosive and compatible with each material joined, and complying with the following:
1. Use concealed fasteners and anchors unless indicated to be exposed.
  2. For exterior exposure, furnish hot-dip galvanized hardware unless otherwise indicated
- E. Sign Mounting Fasteners:
1. Concealed Studs: Concealed (blind), threaded studs welded or brazed to back of sign material, screwed into back of sign assembly, or screwed into tapped lugs cast integrally into back of cast sign material, unless otherwise indicated.
  2. Projecting Studs: Threaded studs with sleeve spacer, welded or brazed to back of sign material, screwed into back of sign assembly, or screwed into tapped lugs cast integrally into back of cast sign material, unless otherwise indicated.
  3. Through Fasteners: Exposed metal fasteners matching sign finish, with type of head indicated, installed in predrilled holes.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Verify that sign-support surfaces are within tolerances to accommodate signs without gaps or irregularities between backs of signs and support surfaces unless otherwise indicated.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.
- D. Verify that electrical service is correctly sized and located to accommodate signs.

#### **3.2 INSTALLATION**

- A. General: Install signs using mounting methods indicated and according to manufacturer's written instructions.

1. Install signs level, plumb, true to line, and at locations and heights indicated, with sign surfaces free of distortion and other defects in appearance.
2. Install signs so they do not protrude or obstruct according to the accessibility standard.
3. Before installation, verify that sign surfaces are clean and free of materials or debris that would impair installation.
4. Corrosion Protection: Coat concealed surfaces of exterior aluminum in contact with grout, concrete, masonry, wood, or dissimilar metals, with a heavy coat of bituminous paint.

B. Mounting Methods:

1. Concealed Studs: Using a template, drill holes in substrate aligning with studs on back of sign. Remove loose debris from hole and substrate surface.
  - a. Masonry Substrates: Fill holes with adhesive. Leave recess space in hole for displaced adhesive. Place sign in position and push until flush to surface, embedding studs in holes. Temporarily support sign in position until adhesive fully sets.
  - b. Thin or Hollow Surfaces: Place sign in position and flush to surface, install washers and nuts on studs projecting through opposite side of surface, and tighten.
2. Projecting Studs: Using a template, drill holes in substrate aligning with studs on back of sign. Remove loose debris from hole and substrate surface.
  - a. Masonry Substrates: Fill holes with adhesive. Leave recess space in hole for displaced adhesive. Place spacers on studs, place sign in position, and push until spacers are pinched between sign and substrate, embedding the stud ends in holes. Temporarily support sign in position until adhesive fully sets.
  - b. Thin or Hollow Surfaces: Place spacers on studs, place sign in position with spacers pinched between sign and substrate, and install washers and nuts on stud ends projecting through opposite side of surface, and tighten.
3. Two-Face Tape: Clean bond-breaking materials from substrate surface and remove loose debris. Apply tape strips symmetrically to back of sign and of suitable quantity to support weight of sign without slippage. Keep strips away from edges to prevent visibility at sign edges. Place sign in position, and push to engage tape adhesive.

C. Locate signs and mount at heights indicated on drawings and in accordance with ADA Standards and ICC A117.1.

D. Protect from damage until Date of Substantial Completion; repair or replace damaged items.

**3.3 ADJUSTING AND CLEANING**

- A. Remove and replace damaged or deformed signs and plaques that do not comply with specified requirements. Replace signage with damaged or deteriorated finishes or components that cannot be successfully repaired by finish touchup or similar minor repair procedures.
- B. Remove temporary protective coverings and strippable films as signs are installed.
- C. Upon completion of installation, clean exposed surfaces of signs according to manufacturer's written instructions, and touch up minor nicks and abrasions in finish. Maintain signs in a clean condition during construction and protect from damage until acceptance by Owner.

**END OF SECTION**