ADDENDUM 1
November 8, 2016

Architect:
TCF Architecture PLLC
902 North 2nd Street
Tacoma, Washington 98403

PROJECT DOCUMENTS
for

CITY HALL PHASE 1
EXTERIOR ENVELOPE REPLACEMENT

City of Fife
Fife, Washington
TCF Architecture Project Number 2012-008

This addendum modifies or interprets (by addition, deletion, clarification or correction) and takes precedence over previously issued Bidding Documents for Project Manual dated 29 August 2014 and as such is part of the Contract Documents for this project.

The General Contractor is responsible for coordinating the revised or added work of related trades when a change is made in the work of any trade in the addendum.

All Subcontractors shall review each item of the addendum and provide the coordination, accessories, and other work necessary for the complete and proper inclusion of addendum items.

The General Contractor and Subcontractor shall include in their bids all labor, materials and equipment and overhead necessary for the complete and proper inclusion of all addendum items.

NOTE: THE CONTRACTOR SHALL ACKNOWLEDGE RECEIPT OF ALL ADDENDA ON THE FORM OF PROPOSAL

Attachments to Addendum 1

• Prebid Walkthrough Sign-in Sheet	1 page
• Substitution Request Review Addendum 1	1 page
• Bid Manual Addendum 1	7 page
Total	**10 pages** (including this cover sheet)

CH#B15 - CITY HALL REPAIRS

NAME	COMPANY	EMAIL
KEN GILL	CITY OF FIFE	Kgilleacity.offife.org
Perry Fegley	" "	Pfegley@c.ryoff.fe.org
MIKE CATHEY	SCF GENERAL CONTRACTORS	MIKE@SCFGENERALCONTRACTORS.COM
Daniel H. Choi	Good News Group Inc	danielc@goodnewsgroups.com
Jason Harkness	Harkness Construction, LLC	harknessconstruction@gmail.com
Steve Wagner	Biwell Const.	swagner@Biwell.com
Chris Cameron	Bates Roofing	Chris@BatesRoofingLLC.com
Tom Bate	Bates Roofing LLC	Tom@BatesRoofingLLC.com
Randy Cook	TCF Architecture	randy@TCFArchitecture.com
Scott Olson	TCF ARCHITECTURE	scott@TCFARCHITECTURE.com
Brian Johnson	Westmark const	Bids@westmarkconst.com
SCOTT SEELIE	MCNW	ESTIMATING@MCNW.com
Dan LINCOLN	Lincoln Constuction Inc	Lincolnconstruction@Comcast.net
JACKIE ESSMAN	STAR CONST	STARCONST@QWESTOFFICE.NET
RICK PETERSON	ALLEN-BRADBURY CONST.	rick@allenbradburyconstruction.com
NC STRUCTURES	RAY NAKAMURA	Ray@NCSTRUCTURES.COM.

Pre-Bid Meeting Attendees List 11.2.16

ADDENDUM 1
November 8, 2016

SUBSTITUTION REQUEST REVIEW:

APPROVALS: The manufacturers noted below, and elsewhere in this addendum, are approved, subject to full compliance with all requirements of the Contract Documents. Bidders are cautioned to bear in mind that the listing of a manufacturer in this Addendum does not necessarily grant approval of a manufacturer's standard production product, but rather that the manufacturer is approved to bid their product with whatever modifications are necessary to match the standards of quality listed, in order to assure true competitive bidding. Any manufacturer who submitted for substitution who is not listed herein or within previous and/or subsequent addenda shall be assumed to have been rejected.

1. **Add** to Section 074213, Article 2.5 A.1, Metal Sales – Vertical Seam

END OF SUBSTITUTION REQUEST REVIEW

ADDENDUM 1
November 9, 2016

INDEX TO ARCHITECTURAL ADDENDUM 1:

Item I: Project Manual – Specifications
Attachments: 6 pages

ITEM I: PROJECT MANUAL – SPECIFICATIONS

1. **Revise** SECTION 074213 – METAL WALL PANELS

   A. **Revise** 2.5 A. 4. as follows:

   4. Panel Coverage: 12 inches**, 16 inches and 18 inches as shown in plans.**

2. **Revise** SECTION 074213 – METAL WALL PANELS

   A. **Add** sub paragraph B as follows to paragraph 2.5:

B. FLUSH-PROFILE, CONCEALED FASTENER METAL WALL PANELS: Formed with raised, batten-seam-shaped major rib at panel edge and flat pan between major rib and panel edge.

1. Basis of Design Product: AEP Span, "Flush Panel", or a comparable product from a substitute manufacturer provided they can meet the requirements of these specifications including the special warranty. All substitution requests will be considered per Sections 012500. To be considered for approval, the manufacturer must have a panel that is equivalent in every respect, including, but not limited to, design, appearance, color availability, structural performance, weather tightness, warranty availability, and all other aspects of this specification section.

2. Material: Aluminum-zinc alloy-coated steel sheet, 22 gauge panel thickness.

   a. Exterior Finish: Fluoropolymer.
   b. Color: See Color Schedule on drawings.

3. Clips: Floating to accommodate thermal movement.

   a. Material: zinc-coated (galvanized) steel sheet, thickness as recommended by the panel manufacturer.

4. Panel Coverage: 12 inches.
5. Panel Height: 1 inch.
6. Uplift Rating: UL 90.
7. Locations of Use: Exterior wall areas indicated on drawings to receive "flush panel" metal wall panels.

3. **Revise** SECTION 088400 – PLASTIC GLAZING as follows:

1.2 SUMMARY

A. Section includes:

1. Multiwalled structured polycarbonate glazing**.**

B. (Deleted) ~~Related Requirements:~~

~~1. Section 099113 "Painting and Staining" for back painting~~

4. **Add** SECTION 095133 – ACOUSTICAL METAL PAN CEILINGS as attached.

5. **Revise** SECTION 101400 – SIGNAGE as follows:

1.2 SUMMARY

A. This Section includes the following:

1. Installation of Owner-Furnished Cast Metal Letter**s.**

END OF ARCHITECTURAL ADDENDUM NUMBER 1

SECTION 095133 - ACOUSTICAL METAL PAN CEILINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes acoustical metal pans and associated suspension system for interior ceilings.

1.3 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.4 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Samples: For each exposed product and for each color and texture specified, 6 inches (150 mm) in size.

C. Samples for Initial Selection: For units with factory-applied finishes.

D. Samples for Verification: For each component indicated and for each exposed finish required, prepared on Samples of size indicated below:

1. Metal Pans: Set of 6-inch- (150-mm-) square Samples of each type, finish, color, pattern, and texture. Show pan edge profile.
2. Exposed Suspension-System Members, Moldings, and Trim: Set of 6-inch- (150-mm-) long Samples of each type, finish, and color.
3. Sound Absorber: Sample of each type matching size of Sample metal pan.

E. Delegated-Design Submittal: For design of attachment devices.

1.5 INFORMATIONAL SUBMITTALS

A. Product Test Reports: For each acoustical metal pan ceiling, for tests performed by manufacturer and witnessed by a qualified testing agency.

B. Evaluation Reports: For each acoustical metal pan ceiling anchor and fastener type.

C. Field quality-control reports.

1.6 CLOSEOUT SUBMITTALS

A. Maintenance Data: For finishes to include in maintenance manuals.

1.7 QUALITY ASSURANCE

A. Testing Agency Qualifications: Qualified according to NVLAP for testing indicated.

1.8 DELIVERY, STORAGE, AND HANDLING

A. Deliver acoustical metal pans, and accessories to Project site in original, unopened packages and store them in a fully enclosed, conditioned space where they are protected against damage from moisture, humidity, temperature extremes, direct sunlight, surface contamination, and other causes.

B. Handle acoustical metal pans, and accessories carefully to avoid damaging units and finishes in any way.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Flame-Spread Index: Comply with ASTM E 1264 for Class A.

2.2 ACOUSTICAL METAL PANS, GENERAL

A. Source Limitations: Obtain each type of acoustical metal ceiling pan rom single source from single manufacturer.

B. Acoustical Panel Standard: Provide manufacturer's standard pans of configuration indicated that comply with ASTM E 1264 classifications as designated by types, patterns, acoustical ratings, and light reflectances unless otherwise indicated.

1. Mounting Method for Measuring NRC: Type E-400; plenum mounting in which face of test specimen is 15-3/4 inches (400 mm) away from test surface according to ASTM E 795.

C. Sheet Metal Characteristics: For metal components exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, roughness, stains, or discolorations.

1. Aluminum Sheet: Aluminum sheet shall be 3003-H14 alloy, minimum .020", 032" recommended, (ASTM B 209).

D. Sound-Absorbent Pads: Reuse existing.

2.3 ALUMINUM PANS FOR ACOUSTICAL METAL PAN CEILING

A. Basis of Design Product: ALPRO® Systems shall be manufactured by ALPRO® Acoustical Systems, Division of Gordon, Inc., 5023 Hazel Jones Road, Bossier City, LA 71111, (888) 733-3836, FAX (800) 877-8746, www.alproacoustics.com, sales@alproacoustics.com.

B. The listed manufacturer shall not be construed as closing specifications to other prospective manufacturers, but rather as establishing a level of quality in a metal system. Other systems may be submitted for approval; as provided for in the specifications at least 2 working days prior to submission of bids. Companies desiring to submit a proposal shall submit all descriptive information provided they can meet the requirements of these specifications.

C. Classification: All products furnished shall have a flame spread classification of 0-25 for a Class A or Class 1 rating in accordance with ASTM E84.

1. Pattern: Pattern C (perforated, small holes) regularly spaced, with uniform perforations of dimension, holes per square foot or inch, and percent open area as specified by product designation.

D. Pan Thickness: Not less than 0.032 inch (0.8 mm).

E. Pan Edge Detail: Manufacturer's standard edge detail.

F. Pan Joint Detail: Lapped edge.

G. Pan Size: 42 inches by 144 inches.

H. Pan Face Finish: Powder coated to match existing ceiling panels.

2.4 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.

2.5 ALUMINUM FINISHES

A. Color-Coated Finish: Manufacturer's standard[powder-coat] baked paint complying with coating manufacturer's written instructions for surface preparation, pretreatment, application, baking, and minimum dry film thickness.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, including structural framing to which acoustical metal pan ceilings attach or abut, with Installer present, for compliance with requirements specified in this and other Sections that affect ceiling installation and anchorage and with requirements for installation tolerances and other conditions affecting performance of acoustical metal pan ceilings.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Measure each ceiling area and establish layout of acoustical metal pans to balance border widths at opposite edges of each ceiling. Avoid using less-than-half-width pans at borders, and comply with layout shown on reflected ceiling plans and coordination drawings.

3.3 INSTALLATION

A. General: Install acoustical metal pan ceilings to comply with ASTM C 636/C 636M and seismic design requirements indicated, according to manufacturer's written instructions and CISCA's "Ceiling Systems Handbook."

B. Cut acoustical metal pan units for accurate fit at borders and at interruptions and penetrations by other work through ceilings. Stiffen edges of cut units as required to eliminate evidence of buckling or variations in flatness exceeding referenced standards for stretcher-leveled metal sheet.

C. Install acoustical metal pans in coordination with suspension system and exposed moldings and trim. Comply with installation tolerances according to CISCA's "Metal Ceilings Technical Guidelines."
   1. Align joints in adjacent courses to form uniform, straight joints parallel to room axis in both directions unless otherwise indicated.
   2. Fit adjoining units to form flush, tight joints.
   3. Install directionally patterned or textured metal pans in directions indicated.

3.4 CLEANING

A. Clean exposed surfaces of acoustical metal pan ceilings, including trim and edge moldings, after removing strippable, temporary protective covering, if any. Comply with manufacturer's written instructions for stripping of temporary protective covering, cleaning, and touchup of minor finish damage. Remove and replace ceiling components that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage, including dented and bent units.

END OF SECTION 095133