ADDENDUM NO. 2

This addendum consists of 13 pages

TO: All Bid Packet Holders

FROM: Kenai Peninsula Borough – Purchasing & Contracting

DATE: October 17, 2019

SUBJECT: Invitation to Bid – ITB20-011 Nikiski Fire Station No. 3

DUE DATE: November 6, 2019 by no later than 2:00 PM

Bidders must acknowledge receipt of this Addendum in the appropriate place on the Bid Form. Failure to do so may result in the disqualification or rejection of the bid.

As specified in Section 9 of the Kenai Peninsula Borough’s invitation to bid, we have agreed to answer written questions received through October 23, 2019. Attached are formal responses to all the questions that we have received to date.

We look forward to receiving your bid by no later than 2:00 PM on November 6, 2019.

Note: Information in this addendum takes precedence over original information. All other provisions of the document remain unchanged.

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<tr>
<th>ITEM NO.</th>
<th>REFERENCE</th>
<th>DESCRIPTION</th>
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| 02-01    | Plan Holder Question | Q: Is there an anticipated date for the Notice to proceed?  
A: Please refer to Instructions to bidders and Timeline and procedures. Also refer to G.C for association with the contract process. |
| 02-02    | Plan Holder Question | Q: Do you have an engineer’s estimate for the project? |
A:  An Engineers estimate will be provided after the bid opening.

02-03  Plan Holder Question  Q: Please provide a specification section for “Ceiling Type C5 - Tectum Ceiling Panels”
A: Please see the attached revised specification 09 51 10 adding part 2.02 C Tectum Panels.

02-04  Plan Holder Question  Q: Finish Schedule sheet A2.1 indicates rooms 112 & 113 are to receive C-5 Tectum ceiling panels. Sheet A7.1 indicates rooms 112-113 are to be exposed. Please clarify the RCP finish at Rooms # 112 & 113?
A: Please see the revised sheet A2.1, Finish schedule Rooms 112 and 113 shall receive finish C-4. Ceilings are to be exposed to structure with painted finish.

02-05  Plan Holder Question  Q: Second Floor RCP Sheet A7.2 appears to indicate Tectum ceiling panels at Room #211. The Finish Schedule Sheet A2.1 indicates room #211 is to have the C-4 ceiling finish. Please clarify the Tectum Ceiling Panels are at room #211?
A: Please see the revised sheet A2.1, Finish schedule Room 211 shall receive finish C-5. Ceilings are to be painted per C-4 and receive Tectum Ceiling Panels as shown on sheet A7.2.

02-06  Plan Holder Question  Q: There is a discrepancy between specification sections (09 51 10 2.02.B), (09 51 10 2.02.C), the Finish Schedule on Sheet A2.1, and the RCP Sheets A7.1 & A7.2.
   a. Specification section (09 51 10 2.02.B) lists ACT-1 as Cirrus #581 – 2x2 tile, but the RCP hatching on Sheets A7.1 & A7.2 show ACT-1 as a 2x4 tile.
   b. Specification section (09 51 10 2.02.C) lists ACT-2 as Fine Fissured #1729 – 2x4 tile, but the RCP hatching on Sheets A7.1 & A7.2 show ACT-2 as a 2x2 tile.
c. The ceiling type “C-3” that is listed for various rooms on the Finish Schedule Sheet A2.1, do not match the hatching callouts on RCP Sheets A7.1 & A7.2.

d. Please clarify the ceiling types and corresponding ACT types with respect to the Finish Schedule Sheet A2.1, RCP Sheets A7.1 & A7.2, and the specification sections (09 51 10 2.02 B) & (09 51 10 2.02 C)

A: Please see the revised sheets A2.1, A7.1 and A7.2 showing the correct ceiling types corresponding with the Reflected Ceiling Plan and Specifications.

02-07 Plan Holder Question

Q: Please revise Finish Schedule Ceiling types to Include the Type C-2 ceiling types 2x2 Cirrus#581.

A: Please see the revised sheet A2.1 showing the correct ceiling types corresponding with the Reflected Ceiling Plan and Specifications.

02-08 Plan Holder Question

Q: Request for substitution for CertainTeed Northgate SBS shingles.

A: Please provide a formal substitution request form on as provided in specification section 01 63 00 Product Options and Substitutions.

02-09 Pre-Bid Question

Q: Can the start date be delayed outside the 300 Days from NTP since there is limited construction time this year?

A: Please see Instructions to Bidder revised Substantial Completion Days.

02-10 Pre-Bid Question

Q: Are there liquidated damages in the contract?

A: See Part II Article 10

02-11 Pre-Bid Question

Q: Is the Lot unimproved?

A: The lot previously had a mobile home on site. See Survey document AS1.

02-12 Pre-Bid Question

Q: Can we dig test holes prior to bidding?
A: 5 Test holes have been dug with associated data in documents. See AS1 and C6.7.

02-13  Pre-Bid Question  Q: Is there test hole data already available?
A: See 02-13.

02-14  Pre-Bid Question  Q: Are there any DBE requirements?
A: No there are no DBE requirements.

02-15  Pre-Bid Question  Q: There are no Generator specs in the documentation.
A: The generator will be Owner provided and contractor installed.

02-16  Pre-Bid Question  Q: Are there any other contractors providing a service on this project?
A: A G2 Alerting System will be installed by a local contractor in coordination with the KPB & the contractor awarded this project.

02-17  Pre-Bid Question  Q: Is the Pump house design final?
A: Additional information will be provided in the next addendum.

02-18  Pre-Bid Question  Q: Can we burn materials on the site?
A: No – See 31 10 00

02-19  Pre-Bid Question  Q: Is the water table depth known?
A: Water table depth is unknown. Expected well drill depth is 100-ft to 150-ft per Spec Section 332100 Water Supply Wells.

02-20  Pre-Bid Question  Q: Are any wells required?
A: There are 2 wells required for this project, see 33 121 00, 1.03.

02-21  Pre-Bid Question  Q: Are there any regulations regarding migratory birds?
A: Please refer to G.C. for compliance with all Authorities Having Jurisdiction.
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<th>Date</th>
<th>Type</th>
<th>Question</th>
<th>Answer</th>
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<tbody>
<tr>
<td>02-22</td>
<td>Plan Holder Question</td>
<td>Why doesn't this bid site not publish the bidders list? What federal money is involved &amp; how much? Is there a DBE requirement in this contract?</td>
<td>A: See 02-15 regarding the DBE question. The Plan Holders list is now available on Bid Express.</td>
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<tr>
<td>02-23</td>
<td>Plan Holder Question</td>
<td>Landscaping?</td>
<td>A: See Division - 31 Earthwork.</td>
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PART 1    GENERAL

1.01    DESCRIPTION

A. Work Included:

1.    Suspended metal grid system complete with all trim.
2.    Lay-in ceiling panels.

B. Related Work Specified Elsewhere:

1.    Section 062000 Finish Carpentry
2.    Section 092500 Gypsum Wallboard
3.    Section 109250 Miscellaneous Specialties

C. Reference Standards:

   a.    C635-83  Metal Suspension System for Acoustical Tile and Lay-In Panel Ceilings.
   c.    D1761-77  Mechanical Fasteners in Wood.


1.02    QUALITY ASSURANCE

A.    Provide acoustical panels and suspension materials bearing UL Classification marking.

1.03    SUBMITTALS

A.    Clearly indicated grid layouts and related dimensioning, junctions with other work or ceiling finishes, inter-relation of mechanical and electrical items related to system.

1.    Show insert and hanger spacing and fastening details, splicing method for main and cross runners, acoustical unit support at lighting fixtures, and installation details.

2.    Include detailed locations of lighting fixtures, sprinkler heads, detectors, ceiling diffusers, air return grilles and air volume control dampers.

B.    Submit manufacturer's information, installation instructions and product data under provisions of Section 013400.

C.    Furnish suspension system manufacturer's lateral loading capacity and displacement or elongation characteristics for proposed systems indicating:

1.    Bracing pattern and wire sizes.

2.    Tension and compression force capabilities of main runner splices, cross runner or connections and expansion devices.
1.04 ENVIRONMENTAL REQUIREMENTS

A. Do not install acoustical ceiling until building is enclosed, sufficient heat is provided, dust generating activities have terminated, and overhead mechanical work is completed, tested, and approved.

B. Permit wet work to dry prior to commencement of installation.

C. Maintain uniform temperatures of minimum 61 degrees F and humidity of 20 percent to 40 percent prior to, during, and after installation.

1.05 EXTRA STOCK

A. Furnish extra materials under provisions of Section 017500.

B. Furnish not less than the percentage of each type acoustical ceiling material supplied as noted below. Furnish fill original, unopened, undamaged cartons only.

1. Acoustical tiles: One percent, minimum.
2. Acoustical panels: Two percent, minimum.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Acoustical Panels and Tiles: Armstrong World Industries, Inc.

B. Suspension System: Armstrong World Industries, Inc.

2.02 ACOUSTICAL CEILING UNITS

A. Acoustical Panels Basis of Design:

B. Acoustical Ceiling System **ACT – 1**: Armstrong / Cirrus #581

1. Thickness: 7/8"
2. Color: White
3. Size: 24in X 24in
4. Edge Profile: Tegular for interface with compatible Armstrong grid. The suspension system must be leveled to within 1/4" in 10 feet and must be square to within 1/16" in 2 feet.
5. Noise Reduction Coefficient (NRC): ASTM C 423; Classified with UL label on product carton, 0.90.
6. Articulation Class (AC): ASTM E 1111; Classified with UL label on product carton 190.
7. Flame Spread: ASTM E 1264; Class A (UL)
8. Light Reflectance (LR): ASTM E 1477; White Panel: Light Reflectance: 0.86
9. Dimensional Stability: HumiGuard Plus - temperatures up to 120 degrees F and high humidity excluding only exterior use, use over standing water, and direct contact with moisture.
10. Mold/Mildew Inhibitor: The front and back of the product have been treated with BioBlock, a paint that contains a special biocide that inhibits or retards the growth of mold or mildew, ASTM D 3273.
C. Tectum Panels: Armstrong - Tectum® Direct-Attached Ceiling Panels

1. Surface Texture: Coarse
2. Composition: Aspen wood fibers bonded with inorganic hydraulic cement
3. Color: White
4. Size: 34” x 96”
5. Thickness: Standard 1”
6. Edge Profile: long edge beveled, short edge square
7. Noise Reduction Coefficient (NRC): ASTM C 423; Mounting; D-20 (0.85)
8. Flame Spread: ASTM E 1264; Class A
10. Dimensional Stability: HumiGuard Plus
11. Sustainable: EPD (Environmental Product Declaration) and HPD (Health Product Declaration)
13. Install Tectum® Direct-Attached Ceiling Panels in accordance manufacturer’s installation instructions. Provide 7/8” hat channels at 24” on center for direct-attached ceiling panels as outlined in Mounting D-20 of the installation manual.

PART 3  EXECUTION
3.01 INSPECTION

A. Verify that existing conditions are ready to receive work.

B. Beginning of installation means installer accepts condition of existing substrates.

3.02 INSTALLATION - SUSPENDED GRID AND LAY-IN PANELS

A. Install acoustical ceiling systems in accordance with UBC Standard 47-18, including Lateral Design Requirements, and ASTM C 636 to produce finished ceiling true to lines and levels, and free from warped, soiled, or damaged grid and lay-in panels.

B. Install fire rated ceiling systems in accordance with UL requirements, including light fixture protection.

C. Install ceiling systems in manner capable of supporting all superimposed loads, with maximum deflection of 1/360 of span, and maximum surface deviation of 1/8 in. in 12 ft.

D. Install after major above-ceiling work is complete. Coordinate location of hangers with other work. Ensure layer of hangers and carrying channel locations accommodate fittings and units of equipment to be placed after installation of ceiling grid system.

E. Support main runners from hangers attached directly to structure.

1. When obstructions preclude direct attachment to structure use trapeze suspension for spans exceeding 48 in. Form trapeze from two carrying channels back to back.
2. Provide lateral force bracing in conformance with UBC Standard 47-18, Part III.
3. Anchor hangers with .216 in. diameter shaft screw-eyes attached to bottom chord of wood joists; minimum 2 in. penetration of screw shaft into underside of wood chord.
where acceptable to Owner's Representative, unless otherwise required for assembly rating.

4. Do not screw into plywood roof deck.

F. Hang independently of walls, columns, ducts, pipes, and conduit. Where carrying members are spliced avoid visible displacement of longitudinal axis or face plane of adjacent member.

G. Center ceiling systems on room axis leaving equal border pieces, unless indicated otherwise.

H. Do not support fixtures from or on main runners or cross runners if weight of fixture exceeds 56 lbs. or causes total dead load to exceed deflection capability, whichever weight is less.

   1. Space hanger wire 48 in. o.c. maximum.
   2. Install additional hangers at terminal ends of each suspension member, 8 in. from vertical surfaces.
   4. Do not splay wires more than 5 in. in 4 ft. vertical drop without countersplaying.

I. Install edge moldings at intersection of ceiling and vertical surface, using maximum lengths, straight, true to line and level. Miter corners. Provide edge moldings at junctions with other ceiling finishes.

J. Fit acoustical ceiling materials in place, free from damaged edges and other defects detrimental to appearance and function. Fit border units neatly against abutting surfaces.

K. Install acoustical ceiling materials level, in uniform plane and free from twist, warp and dents.

3.03 ADJUSTMENTS

A. Adjust any sags and twists which develop in ceiling system and replace any part damaged or faulty.

END OF SECTION
RFP20-011  
NIKISKI FIRE STATION NO. 3  
PRE-BID CONFERENCE  

OCTOBER 10, 2019 – 12:30 P.M.  

Purchasing and Contracting Department  
47140 East Poppy Lane  
Soldotna, Alaska 99669

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<tr>
<th>Name</th>
<th>Company</th>
<th>Phone, Fax, Email</th>
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<tr>
<td>Larry Smith</td>
<td>DCL Coast Care, Inc.</td>
<td>907-616-7122</td>
</tr>
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<td></td>
<td></td>
<td>Fax: 907-616-7123</td>
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<tr>
<td></td>
<td></td>
<td><a href="mailto:larry.smith@gmail.com">larry.smith@gmail.com</a></td>
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<tr>
<td>Deidal Doss</td>
<td>Tyonek Contractor Serv.</td>
<td>907-372-0707</td>
</tr>
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<td></td>
<td></td>
<td><a href="mailto:Ddoss@tyonek.com">Ddoss@tyonek.com</a></td>
</tr>
<tr>
<td>Butch Ehrman</td>
<td>F-E Contracting Inc.</td>
<td>907-603-3550</td>
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<tr>
<td></td>
<td></td>
<td><a href="mailto:butchj@f-econtracting.com">butchj@f-econtracting.com</a></td>
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<td>907-982-4971</td>
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<tr>
<td>Bill Dieter</td>
<td>Onion Constr.</td>
<td>907-262-3810</td>
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<td><a href="mailto:randall@blazycon.com">randall@blazycon.com</a></td>
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<td><a href="mailto:chris.parker@blazycon.com">chris.parker@blazycon.com</a></td>
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<tr>
<td></td>
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<td>907-315-7203</td>
</tr>
<tr>
<td>Chris Parker</td>
<td>KA Design/Builds</td>
<td>907-262-3810</td>
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<td><a href="mailto:chris.parker@ka-design-studios.com">chris.parker@ka-design-studios.com</a></td>
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