



CITY OF UNALASKA
Aquatics Center Improvements
Project No. 15101

ADDENDUM TO THE CONTRACT

Addendum No:	2	Current Bid Opening Date: January 29, 2016 at 2:00 P.M.
Pages This Addendum:	8	
Attachments This Addendum:	1, 2a-e, 3, 4, 5, 6, 7	
Previous Addenda:	One	Previous Bid Opening Date: January 20, 2016 at 2:00 P.M.

To: All Plan Holders of Record

Addendum Issue Date: January 13, 2016

The following changes, additions, deletions, responses to questions, revisions and/or clarifications are hereby made a part of the documents. In the case of conflicts between this Addendum and previously issued documents, this Addendum shall take precedence. All other terms and conditions remain unchanged. Bidders are required to acknowledge this Addendum on the Bid Proposal.

CHANGES

1. **Change:** Bid opening is extended to January 29, 2016 at 2:00 PM Alaska Time.

CLARIFICATIONS

1. **Clarification:** Match existing decking to patch existing deck (Base Bid) Utilize Acrylic Cement Decking material matching original decking surfacing - See attachment 5 for specification requirements.

2. Clarification: Specification Section 13150

- A. Page 8; revise “3.2 Piping” to “2.4 Piping”
- B. Page 9; revise “3.3 Valves” to “2.5 Valves”

3. Clarification: On Sheet A6.1 Material and Finish Legend

- A. Carpet: CPT
Change Manufacturer from Mannington Commercial to Shaw
Change Style from Take Back to Path tile
Change Color from Restore 4521 to Multi Color 34481
- B. RVS-1: Rigid Vinyl Sheet
Change Color from RIGA Birch to Glazed Green

RESPONSE TO QUESTIONS

Question 1: Can you tell me what cementitious /Sealers were applied to the locker area floors in the main bid, and the pool area in Alternate #5?

Response 1: The product appears to be the same and is thought to be an Acrylic Cementitious surface. There is a difference in coloration between the locker rooms and the pool area. (See Attachment 5 – Original Specification for decking material)

Question 2: Is it possible to arrange a Site Visit?

Response 2: Yes. Contact Tom Cohenour (tcohenour@ci.unalaska.ak.us) to coordinate

Question 3: Will the City of Unalaska pay for permitting fees?

Response 3: Yes.

Question 4: Is this project exempt from the 3% sales tax?

Response 4: No. However, the contractor can submit a request for refund of sales tax. Sales tax refund information and application can be found on the City website under the Commerce heading.

Question 5: Is there a local courier service in Unalaska? We want to Pen-Pak our Bid, and so far we're unable to locate someone to deliver it.

Response 5: There is not a local courier service in Unalaska. Bids will also be received at Wolf Architecture, 625,S. Cobb St, Suite 200 - Palmer, AK 99645.

Question 6: Will Bid Modifications Add / Deducts, be acceptable via Fax?

Response 6: No bid mods (Add or Deduct) will be accepted at any time.

Question 7: Is housing available during the construction timeframe?

Response 7: The recommendation for housing options: Grand Aleutian Hotel 866-581-3844.
A construction man-camp is not allowed on the project site.

Question 8: Is Newforma the only electronic document management software allowable?

Response 8: Not necessarily but it is a preference at this point. Alternative software will be reviewed for acceptability prior to bid. Submittal Exchange is an acceptable alternative

Question 9: Will the pool be emptied during construction?

Response 9: Yes. The intent is to have work in the Natatorium completed first so that the pool can be used for programming in the event construction runs past the desired time frame.

Question 10: Does the existing pool decking have to be matched in the event Alt. 5 is not accepted?

Response 10: Yes. The existing deck material appears to be an acrylic cementitious spray applied decking material (See Attachment 1 – Original Specification). Contractor is to provide money in bid to prep floor as indicated on the drawings and substitute a similar acrylic cementitious product in lieu of the specified decorative quartz surface. Match coloration and texture of existing pool decking material. (Original Specification attached)

Question 11: Can Flat Strap Metal backing be used instead of wood blocking?

Response 11: No.

Question 12: Wall type W4 at the sauna appears incorrect?

Response 12: Change to Wall type W1. It is similar.

Question 13: Are the fire sprinkler system as-builts available for the Aquatics center?

Response 13: Fire sprinkler as-builts are not available.

Question 14: The Sauna floor is called out as having wood decking / composite cedar slats as part of the sauna package on 5A/A5.1 and 4B/A6.0 as well as spec 13030 2.2.E. Detail 5B/6.0 shows a note saying ceramic tile though. Is the intent to have ceramic tile placed with the plastic support grid and then the composite cedar slats on top?

Response 14: Please disregard the ceramic tile notation on 5B/A6.0. Provide the wood decking w/composite sub-base material specified.

Question 15: Are there any pictures that can be made available of existing condition?

Response 15: See Attached Addenda 2, Attachments 2a-2e

Question 16: Please confirm what rooms exposed conduit is acceptable and which rooms conduit must be concealed?

Response 16: Exposed conduit is only acceptable in rooms that have exposed conduit prior to this construction project. All rooms with concealed conduit (conduit in walls or above ceilings) and newly constructed rooms shall be required to have new wiring/conduit concealed.

Question 17: The following questions are from the scoreboard manufacturer (spec section 11664): How many touch pads are wanted per lane?

Response 17: Only one touch pad is required per lane and will be installed on the deep end of the pool.

Question 18: Please clarify requirements for the display board.

Response 18: See Attachment 5 - Revised Section 11664 Indoor Scoreboard

Question 19: Specification 11664 Indoor Scoreboard Part 3.02 B. instructs to mount new 7'-6" x 12'-0" cabinet in location detailed in plans.

- A. Architectural A2-1 sheet note #2 indicates new scoreboard approximate plan location but lacks detailed information. (Refer to Electrical) passes to Electrical design but electrical design does not even include scoreboard reference in plan or elevation.
- B. Are the existing deck embedded timing system boxes and conduit raceways adequate for replacement signal wires and plug-in receptacles from touch pads to controls console?

Response 19: See attachment 5 – Revised Specification Section 11664

- A. We understand that the new scoreboard specified requires 30 amp power. Please coordinate electrical power circuit and outlet location in electrical design documents.
- B. See Attachment 5 for updated specification and Attachment 4 supporting photographs.

Question 20: Regarding the specifications for the video surveillance system. The specified Ubiquiti Networks cameras are not a UL Listed piece of equipment. Will other UL listed camera manufacturers be considered? There are plenty that make equipment capable of handling the needs of this project.

Response 20: The City will be responsible for purchasing all of the equipment necessary for the surveillance system (including the cameras, network switch, workstation and storage (NVR). The Contractor is responsible to physically install/mount the Owner provided equipment and run power and/or data cabling (Cat5e) to all of the locations.

Question 21: The Video Surveillance Specification does not identify a Video Management Software to be utilized or a basis of design.

Response 21: Video Management Software will be provided by the City. The City will only need the contractor to physically mount the cameras at their respective locations and make sure that Ethernet is run and terminated at each location.

Question 22: Section 09250 3.4.B calls for the rubber polymer and indicated it is supposed to be everywhere the tile goes but section 09310 2.6.E.3 indicates it is only needed behind the shower rooms and behind tile at newer shower outside of Sauna. Is it to be provided everywhere tile is or only in the specified areas?

Response 22: The rubber polymer waterproofing is only required at wet areas. I.e. Shower rooms and outside the Sauna at the rinse off shower head

Question 23: Men's Toilet (room 104) and Women's toilet (room 116) finish schedule calls for full height tile; see elevations. When you go to elevations (A6.0 details 3A and 4A) it shows the wall tile only going up 6'4 per 2A/5.3. Are these rooms full height or only 6'4" for the tile?

Response 23: Amend schedule to read Tile to 6'-4"

Question 24: Family Locker Room (room 110) and Staff (room 108) finish schedule calls for tile but details 4C and 5D/A6.0 show rigid vinyl sheet in this room on some walls. Please specify what walls get the RVS and what walls get the tile? Also what color RVS goes on walls.

Response 24: Provide Ceramic tile on all wall per Finish Schedule. Amend notes on interior elevations to reflect this change.

Question 25: Vestibule (room 112) finish schedule calls for RVS but no color is called out. Please provide a color for the RVS in this area.

Response 25: RVS-2

Question 26: Spec section 01400 Quality Requirements Part 1.2 section C.4. references related section 01351 Delegated design submittal. There is no spec section 01351 Delegated Design. Confirm this project has no Delegated Design 01351.

Response 26: Specification Section 01351 Delegated Design specification has not been included. The contractor is required to provide engineering services where specifically indicated in individual specification sections such as at the handrail installation.

Question 27: Spec section 05521 Pipe and Tube Railings and Supports Part 1.3 Performance Requirements paragraph A notes Delegated Design and comprehensive engineering analysis by professional engineer regarding pipe and tube railings and associated supports. Confirm the contractor cannot engineer performance standards or be held responsible for performance levels of existing railings.

Response 27: The contractor cannot engineer performance standards or be held responsible for performance levels of existing railings.

Question 28: Detail 4A/A5.2 new cane rail specific height of 2'-6" appears to exceed the referenced ADA code compliance figure 307.4 maximum height.

Response 28: Correct. Please provide lower the specified height to 2'-3".

Question 29: Sheet A2-1 indicates what appears to be 5 each starting blocks? If they do exist there should be 6 each?

Response 29: Correct. Please see attached drawing revision. Provide 6 blocks.

Question 30: What is the instruction and information for remove/replace/re-anchor deck mounted starting blocks, guard towers, flag poles, and ladders for Alternate #5 Refinish Pool Deck?

Response 30: Remove all existing deck anchors, posts, poles/replace/re-anchor deck mounted starting blocks, guard towers, flag poles, and ladders for Alternate #5 Refinish Pool Deck. Refer to Attachment 3 and Attachment 2e for additional clarification.

Question 31: Spec Section 13700 2.4 says that the City of Unalaska is going to provide the CCTV work station. We can't find anywhere in the specs that requires a Video Surveillance NVR or Server. Is the city providing the NVR and or software to run on the work station? Is the Server and software already existing and in place? Is there a 1-line drawing that shows the intention of the system?

Response 31: The City will provide the workstation/server, battery backup (UPS), equipment rack, NVR, cameras and Software required for the NVR. The contractor will physically mount the cameras at their respective locations and make sure that Ethernet is run and terminated at each location. The contractor will need to furnish and install power outlets in the new server room and install the rack to mount the facility's Ethernet patch panel, workstation/server and NVR (storage array).

Question 32: The Finish Schedule calls for a GWB ceiling in Room 102 but the RCP calls and shows an ACT ceiling? Which is correct?

Response 32: Office 102 is to be fitted with an Acoustical Tile Ceiling assembly. Amend the finish schedule to reflect this. Mount Ceiling 1" above the top of existing storefront as indicated on 3d/A6.0

Question 33: The second floor mezzanine is not listed on the Finish Schedule. Is there no work to be performed in this area other than that shown in the Comms Room?

Response 33: Correct. No work is to be performed on the 2nd level mezzanine

Question 34: The Finish Schedule calls out the ceiling height in Rm 102 Pool Office as being 8'1", but the interior elevations of the room, 3D/A6.0, scale out at 12'0". Which is correct?

Response 34: The interior elevation takes precedence. Mount the suspended ceiling 1" above the top of the existing storefront

Question 35: The Finish Schedule states that the west wall of Rm 101 Lobby is "ETR (IMP/GWB) and that the finish is ETR (FF/PNT-1), but we cannot tell from the Floor Plan A2.0 where the GWB is located. Can I assume that the GWB is between Gird 2 & gird 4 and it extends from the floor to the underside of the structure?

Response 35: Refer to attached images of existing space and associated comments as well as elevation 1A/A6.0.

Question 36: Given that this is a remodel with allot of painting of existing surfaces, are there any pictures available of these existing rooms and surfaces?

Response 36: See Supporting Photographs – Attachment 2a-2e

Question 37: In Alternate # 1, only door # 100 gets replaced, Correct? The other 3 doors just receive the new Card Hardware?

Response 37: That is a correct reading of the Alternate. Door #100 gets replaced as part of the Base Bid work. Alternate 1 only refers to the inclusion of the electronic entry access hardware associated with Door #100, N100, N101, and M100. The bottom of the Hardware Schedule in Section 08710 (pg 19) a Header denoting “**MISC HARDWARE REQUIRED WITH ALT. 1**” indicates the extent of hardware included in Alternate 1.

Question 38: As this is a City project, will dump fees still apply?

Response 38: The City will waive dump fees but loads will still be weighed on scale at landfill.

Question 39: How many waste connections does the deck drain have?

Response 39: Drawings from previous projects show one existing 2” waste connection. The revised sheet M1.1 calls out the connection on the north side of the pool.

Question 40: Should the bottom of the deck drain be flat or graded?

Response 40: The new drain shall match existing deck drain and further detail can be found on architectural sheet A5.3.

ATTACHMENTS

Attachment 1: Specification 09950 Acrylic Cement Coating – Base Bid Pool Decking Material

Attachment 2:

- a.) Existing Men’s Locker Room - Supporting Photographs
- b.) Existing Women’s Locker Room – Supporting Photographs
- c.) Existing Lobby – Supporting Photographs
- d.) Existing Sauna and Hallway – Supporting Photographs
- e.) Existing Natatorium – Supporting Photographs

Attachment 3: SKA-1 – Existing Natatorium Deck Clarification drawing

Attachment 4: Natatorium Supporting Images - Timing Board Installation

Attachment 5: Revised Specification Section 11664 – Indoor Scoreboard

Attachment 6: Installation detail for starting blocks at Pool

Attachment 7: Reissued Sheet M1.1

END OF ADDENDUM NO. 2

SECTION 09950
ACRYLIC CEMENT COATING

PART 1 - GENERAL

1.1 SCOPE

- A. Furnish all labor, materials, equipment and supervision necessary for, and incidental to executing and completing the installation of Acrylic Cement Coating.

1.2 DESCRIPTION

- A. Decorative cementitious coating consist of acrylic mastics combined with portland cement based dehydrating powders and graded silica applied over concrete in a series of sprayed and troweled applications to form a durable and attractive traffic surface.

1.3 QUALITY ASSURANCE

- A. Furnish all materials by a single manufacturer.
- B. Installation performed only by a qualified installer authorized by the manufacturer for installation of Acrylic Cement Coating.

1.4 SUBMITTALS

- A. Product Data: Provide manufacturer's printed literature indicating compliance with the requirements
- B. Statement of Qualifications of installer indicating specific authorization from manufacturer for installation of Acrylic Cement Coating.

1.5 JOB CONDITIONS

- A. Environmental conditions during application must be given highest priority. These conditions include, but are not limited to, ambient temperature, humidity, wind, rain, substrate moisture and surface contaminants. Verify that conditions are within the parameters recommended by the Manufacturer prior to proceeding with the installation of Acrylic Cement Coating.
- B. Work area must remain dry during application.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Properly label and identify all containers.
- B. Deliver and store all materials to prevent damage to product and containers.
- C. Store materials in clean, dry, location, where temperatures are kept between 40 degrees and 90 degrees Fahrenheit.
- D. Comply with manufacturer's Material Safety Data Sheet (MSDS) for delivery, storage and handling of products.

PART 2 - PRODUCTS

2.1 Available manufacturers

- A. Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following
 - 1. Sundeck Products, cementitious concrete coating.
 - a. 6320 Clara Street, Bell Gardens, CA 99021
 - b. Manufacturer's Representative: Curtis Hanna, (817) 401-9507
 - c. Website: www.sundek.com

2.2 COMPONENT MATERIALS

- A. Premix
- B. Acrylic Primer/Additive
- C. Acrylic Finish Coat
- D. Provide only materials recommended by the manufacturer.

PART 3 - EXECUTION

3.1 EXAMINATION AND PREPARATION OF CONCRETE

- A. Verify that concrete is structurally sound, properly cured and conditions are satisfactory to the Manufacturer. Do not proceed with installation until any deficient conditions are corrected.
- B. Place and finish Acrylic Cement Coating in a skilled and workmanlike manner.
- C. Install control joints throughout concrete as required to prevent structural cracking.
- D. Remove dirt, grease, oil, curing compounds or other foreign substances that prevent proper bonding.

3.2 APPLICATION

- A. Clean concrete surface with high-pressure power washer, if required.
- B. Repair cracks, surface damage, and make corrective measures on concrete if necessary.
- C. Provide protective masking at adjacent areas not to be coated.
- D. Spray or roll Additive upon area to be coated. Allow to dry and become transparent.
- E. Mix Base Coat using mechanical agitation for at least six minutes as recommended by the manufacturer and as follows;
 - 1. Additive: 2 Gallons, 18 Pounds
 - 2. Premix: 1 Bag, 90 Pound
 - 3. Clean Water: 2.5-3 Gallons

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- a. Water ratio may vary with temperature and humidity as recommended by manufacturer.
 - F. Apply Base Coat, when necessary, using pattern gun, squeegee, or trowel uniformly over area to be coated, to a minimum of 1/16 inch thickness and allow to dry.
 1. Masonry Effects - Spray Acrylic Finish Coat grout color, allow to dry and place Masonry Effect Templates within color grout area.
 - a. Texture: Match Sundeek Classic, Mediterranean pattern
 - b. Color: Match Sundeek oyster white/bone white
 - G. Mix Texture Coat using mechanical agitation for a minimum of six minutes as recommended by the manufacturer and as follows:
 1. Additive: 1.5 Gallons, 13.5 Pounds
 2. Premix: 1 Bag, 90 Pounds *
 3. Clean Water: 1.5 Gallons
 4. Water ratio may vary with temperature and humidity as recommended by Manufacturer.
 - H. Spray Texture Coat using pattern pistol over 60-70 percent of Base Coat
 - I. Lightly trowel moist texture in a circular motion.
 - J. Scrape, sweep, and detail dried Texture Coat.
 - K. Spray or roll Acrylic Finish Coat color.
 1. Masonry Effects - Remove Masonry Effect Templates from texture and apply Clear Finish Coat.
 - L. Remove all protective masking upon drying of Finish Coat
- 3.3 PROTECTION
- A. Protect all phases of Acrylic Cement Coating application from moisture, freezing and foot traffic until product has completely dried.
 - B. Provide protection of finished Acrylic Cement Coating from damage until Substantial Completion of the Work.
- 3.4 PERFORMANCE CRITERIA
- A. Conform to the following performance criteria:
 1. Thickness: 3/16 inch
 2. Bond Strength (ASTM C297): 469 psi
 3. Accelerated Aging Test (ASTM A756 D&E): Unaffected
 4. Weatherometer (ASTM G23) 2000 hrs: Unaffected
 5. Percolation Test, Abraded Sample (ASTM D-1242) 48" / 48hrs: <0.01%
 6. Freeze-Thaw (ASTM C-67): No Breakage/ <1 % weightless
 7. Slip Resistance (S.C.O.F.): 0.81 Wet, 1.03 Dry
 8. Abrasion Test (ASTM D-1242): 0.0328 in. = 3000 psi Concrete
 9. Absorption Test (ASTM D-570): 12.7%
 10. Chemical Resistance (ASTM D-2299) 12 reagents: Unaffected
 11. Impact Resistance (M11D-3134F): No Breakage/<0.062 in.

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12. Concentrated Load Test (500 lb.): No Breakage / <0.001 in. Residual Indention
13. Fire Resistance (ASTM E108/UBCSTD #32-7/UL 790): Class A

END OF SECTION 09950