



Date: September 29, 2021

Project: Nunapitchuk Construction

Solicitation No.: 22012

Addendum No. One

TO ALL PLANHOLDERS:

The enclosed addendum amends the bid documents for the above referenced Project.

Acknowledgment of this addendum is required on the Proposal Form. Failure to do so may subject the bidder to disqualification.

Sincerely,

DocuSigned by:
Selwin C. Ray
0A1919DCB4834AC...

Selwin C. Ray
Contracting Officer

ADDENDUM TO CONTRACT DOCUMENTS	Page Number 1	No. of Pages 4
Addendum No. ONE	Date Addendum Issued: September 29, 2021	
Issuing Office Selwin Ray Alaska Energy Authority 813 W Northern Lights Blvd Anchorage, AK 99503 Phone: (907) 771-3035 Fax: (907) 771-3044	Previous Addenda Issued NONE	
Project: Nunapitchuk Construction Procurement Solicitation No.: 22012	Date and Hour Bids Due: October 20, 2021 at 2:00 p.m., prevailing Anchorage time.	

NOTICE TO BIDDERS:

Bidders must acknowledge receipt of this addendum prior to the hour and date set for the bid due date by one of the following methods:

- (a) By acknowledging receipt of this addendum on the proposal form submitted.
- (b) By email or telefacsimile which includes a reference to the project and addendum number.

The bid documents require acknowledgment individually of all addenda to the drawings and/or specifications. This is a mandatory requirement and any bid received without acknowledgment of receipt of addenda may be classified as not being a responsive bid. If, by virtue of this addendum it is desired to modify a bid already submitted, such modification may be made by email or telefacsimile provided such an email or telefacsimile makes reference to this addendum and is received prior to the opening hour and date specified above.

The Bid documents for the above project are amended as follows (All other terms and conditions remain unchanged):

CONTRACT PROVISIONS AND SPECIFICATIONS

Item #1- Bid Opening, should now read, **“October 20th 2021 at 2:00pm”**.

Item #2- Bid Schedule. Clarification on Bid Schedule: Contractors are not required to bid on the accelerated schedule

Item #3- Existing Tank Farm: Clarification on the existing tank farm: The contractor shall leave the existing tank farm void of fuel, cleaned, and tanks decommissioned (please see specifications). The timing of this work and methods are up to the contractor’s means and methods, and shall be coordinated with the community. At no time should the community’s access to fuel be disrupted

Item #4- Design Drawing Revision: Replace Sheet G3 SURVEY CONTROL with Sheet G3 SURVEY CONTROL attached to this addendum. See clouded revisions on Sheet G3 for minor changes.

Item #5- Regarding the Owner Furnished Materials (tanks, steel, and thermosiphons): The owner shall deliver all owner furnished materials to Nunapitchuk as described in the specifications. It is likely that the shipment will be delayed to next season. This may result in materials being stored in Bethel until spring of 2022. Materials will be shipped in the prioritized order of tanks, thermosiphons, and then steel. As the materials will be in Bethel, the contractor will have access to the owner furnished materials and may take possession in Bethel prior to shipment to Nunapitchuk. Should the contractor choose to take possession, the contractor will then coordinate with the owner and or logistics provider (AK Logistics) regarding the timing of shipping those materials from Bethel to Nunapitchuk. By submitting bid, Contractor acknowledges the arrival of Owner Furnished Materials are subject to the barge shipping schedule as described above.

QUESTIONS AND ANSWERS

Question: Is the contractor required to provide a survey?

Answer: *The Design Drawing Sheet G3 provides horizontal and vertical survey control for the project. All other survey work is the responsibility of the Contractor.*

Question: Are the provided 40' schedule conduits pre-threaded for plugs?

Answer: *No.*

Question: I have not located a welding detail for conduits to H-beam pile. Can I assume a skip weld is sufficient?

Answer: *Details for attachment of the thermosiphon sleeve to the pile are provided on Sheet C13.*

END OF ADDENDUM

HORIZONTAL CONTROL STATEMENT

HORIZONTAL DATUM: KUSKOKWIM RIVER 2015.

KUSKOKWIM RIVER 2015 COORDINATE SYSTEM PARAMETERS:

LINEAR UNIT: US SURVEY FEET
 DATUM: NAD83
 ELLIPSOID: GRS 80
 PROJECTION: RECTIFIED HOTINE OBLIQUE MERCATOR, SINGLE POINT
 LATITUDE OF CENTER: 60°40'00" N
 LONGITUDE OF CENTER: 162°00'00" W
 AZIMUTH: 50°00'00"
 FALSE NORTHING: -15,500,000.0
 FALSE EASTING: -19,100,000.0
 GRID SCALE FACTOR: 1.000002 (EXACT)

THIS LDP (LOW DISTORTION PROJECTION) WAS DEVELOPED IN 2015 BY THE STATE OF ALASKA DOT&PF CENTRAL REGION SURVEY SECTION. THIS LDP COVERS COMMUNITIES ON AND AROUND THE LOWER KUSKOKWIM RIVER FROM THE RIVERS MOUTH TO THE COMMUNITY OF CHUATHBALUK. BERING SEA COASTAL COMMUNITIES FROM CHEFORNAK TO KONGIGANAK ARE ALSO INCLUDED.

BASIS OF COORDINATES

THE BASIS OF COORDINATES IS NUNAPITCHUKS SECONDARY AIRPORT CONTROL (SAC) 16A-C, PID #DR6568 (CRW CONTROL POINT 601, NGS NAD83 (2011) PUBLISHED COORDINATE:
 LATITUDE: 60°54'10.50262" N
 LONGITUDE: 162°26'38.07280" W
 ELLIP HT: 14.683 (M)
 ORTHO: 4.58 (M) / 15.0 (FT)

CONTROL POINTS WERE ESTABLISHED BY RAPID STATIC AND RTK GPS AND BY AN NGS PUBLISHED SOLUTION FOR CONTROL POINT 601. ALL OTHER CONTROL AND TOPO POINT POSITIONS WERE COMPUTED/REFERENCE VALUES FROM 601.

VERTICAL CONTROL STATEMENT

THE VERTICAL DATUM IS GEOID 12B FROM THE NGS DATA SHEET FOR SECONDARY AIRPORT CONTROL (SAC) 16A-C, CRW CONTROL POINT 601. REMAINDER OF THE CONTROL POINT ELEVATIONS WERE ESTABLISHED BY RTK GPS FROM 601. A DIFFERENTIAL LEVEL LOOP WAS RUN FROM A TEMPORARY CONTROL POSITION TO TBM 351, THE NUNAPITCHUK HIGH SCHOOL FINISH FLOOR ON ITS WEST ENTRANCE.

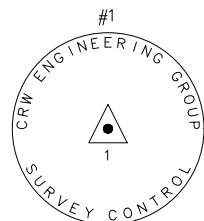
ARMY CORP OF ENGINEERS FLOOD INFORMATION FOR NUNAPITCHUK, STATES ITS BASIS OF FLOOD INFORMATION IS BASED ON THE FIRST FLOOR OF NUNAPITCHUK HIGH SCHOOL. THIS WAS BASED 1972 FLOOD THAT IS BELIEVED TO REPRESENT THE 100 YEAR/BASE FLOOD ELEVATION. AN ELEVATION OF 100.0' WAS THE ASSUMED ELEVATION ASSIGNED TO THE FIRST FLOOR OF THE HIGH SCHOOL. TO COMPUTE LOCAL FLOOD DATUM FROM ASSUMED ELEVATIONS TO GEOID12B ELEVATIONS, SUBTRACT (-) 79.4 FEET.

FIRST FLOOR OF HIGH SCHOOL: 100.0' = 20.6' GEOID12B
 RECOMMEND BUILDING HEIGHT: 92.8' = 13.4' GEOID12B

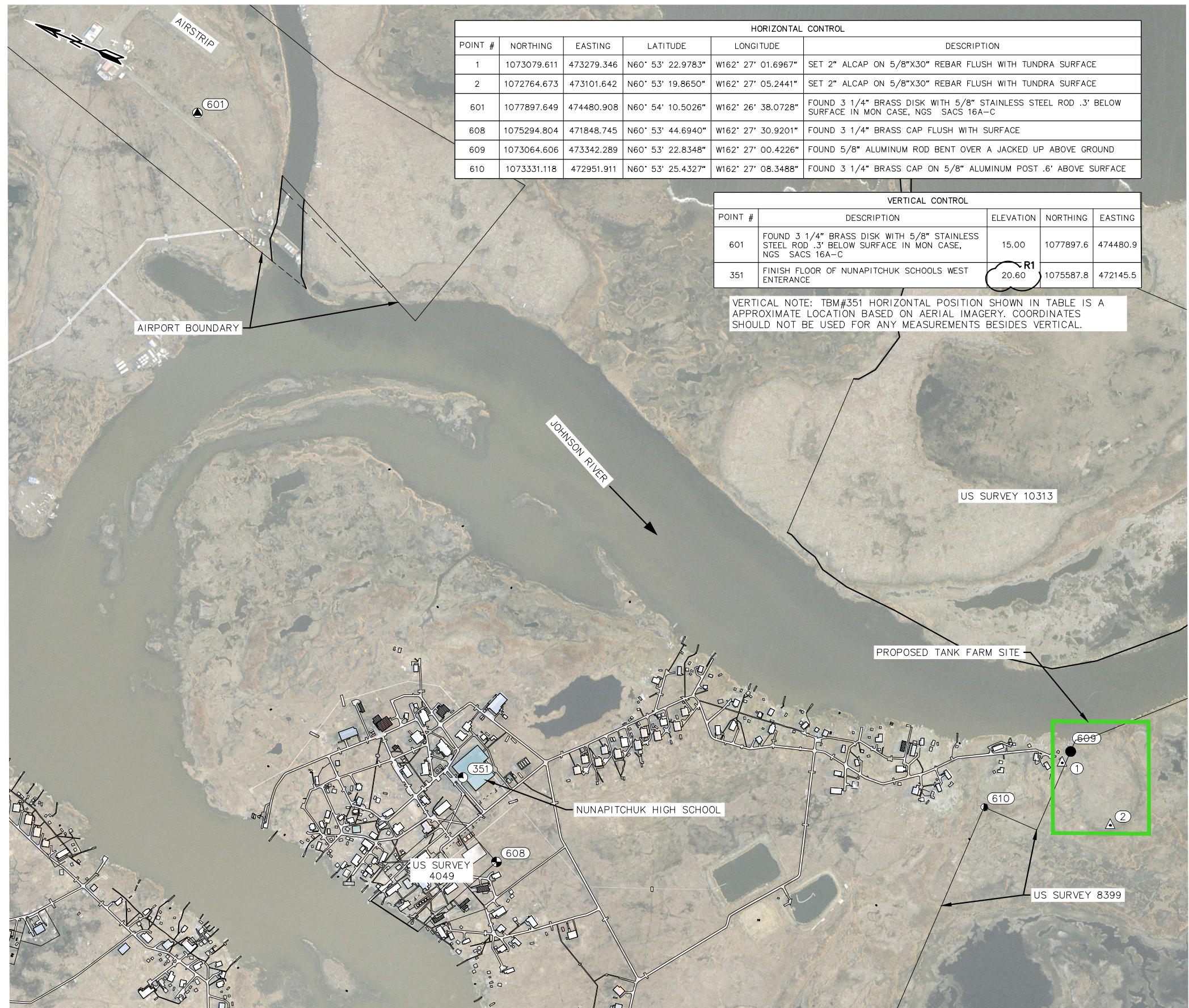
NOTES

1. ALL COORDINATES AND DIMENSIONS SHOWN ARE IN U.S. SURVEY FEET.
2. A FIELD SURVEY WAS CONDUCTED IN FEBRUARY 2021.
3. THE DEVELOPMENT OF THIS SURVEY CONTROL SHEET IS FOR THE NEW PROPOSED NUNAPITCHUK TANK FARM/FUEL DOCK SITE.
4. THE SITE CONTROL SHOWN WAS ESTABLISHED DURING A FEBRUARY SURVEY WITH METHODOLOGY DESCRIBED IN THE HORIZONTAL AND VERTICAL STATEMENT.
5. CONTROL POINTS ARE SUBJECT TO SEASONAL DISTURBANCE, VERIFY HORIZONTAL COORDINATES AND VERTICAL ELEVATIONS BEFORE USE IN CONSTRUCTION TO BASIS OF COORDINATES.

- LEGEND**
- 123 CONTROL POINT #
 - ▲ CRW ALUMINUM CAP
 - TEMPORARY BENCH MARK
 - ▲ NGS PACS & SACS MONUMENT
 - BRASS CAP MONUMENT
 - ALUMINUM ROD



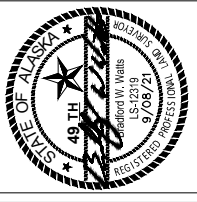
TYPICAL CRW CONTROL (SET 2" ALCAP ON 5/8"X30" REBAR)



HORIZONTAL CONTROL					
POINT #	NORTHING	EASTING	LATITUDE	LONGITUDE	DESCRIPTION
1	1073079.611	473279.346	N60° 53' 22.9783"	W162° 27' 01.6967"	SET 2" ALCAP ON 5/8"X30" REBAR FLUSH WITH TUNDRA SURFACE
2	1072764.673	473101.642	N60° 53' 19.8650"	W162° 27' 05.2441"	SET 2" ALCAP ON 5/8"X30" REBAR FLUSH WITH TUNDRA SURFACE
601	1077897.649	474480.908	N60° 54' 10.5026"	W162° 26' 38.0728"	FOUND 3 1/4" BRASS DISK WITH 5/8" STAINLESS STEEL ROD .3' BELOW SURFACE IN MON CASE, NGS SACS 16A-C
608	1075294.804	471848.745	N60° 53' 44.6940"	W162° 27' 30.9201"	FOUND 3 1/4" BRASS CAP FLUSH WITH SURFACE
609	1073064.606	473342.289	N60° 53' 22.8348"	W162° 27' 00.4226"	FOUND 5/8" ALUMINUM ROD BENT OVER A JACKED UP ABOVE GROUND
610	1073331.118	472951.911	N60° 53' 25.4327"	W162° 27' 08.3488"	FOUND 3 1/4" BRASS CAP ON 5/8" ALUMINUM POST .6' ABOVE SURFACE

VERTICAL CONTROL				
POINT #	DESCRIPTION	ELEVATION	NORTHING	EASTING
601	FOUND 3 1/4" BRASS DISK WITH 5/8" STAINLESS STEEL ROD .3' BELOW SURFACE IN MON CASE, NGS SACS 16A-C	15.00	1077897.6	474480.9
351	FINISH FLOOR OF NUNAPITCHUK SCHOOLS WEST ENTRANCE	20.60	1075587.8	472145.5

VERTICAL NOTE: TBM#351 HORIZONTAL POSITION SHOWN IN TABLE IS A APPROXIMATE LOCATION BASED ON AERIAL IMAGERY. COORDINATES SHOULD NOT BE USED FOR ANY MEASUREMENTS BESIDES VERTICAL.



BULK FUEL UPGRADES
 SURVEY CONTROL
 NUNAPITCHUK, ALASKA

NO.	REVISION	DATE	BY
1	ISSUED FOR BIDDING	7/28/21	AH
2	REVISION 1 - R.B.H.	9/08/21	BW

Plot: 9/9/21
 Date: _____
 Designed: _____
 Drawn: _____
 Approved: _____

3 SURVEY CONTROL
 SCALE: GRAPHIC