



ALASKA RAILROAD CORPORATION
327 W. Ship Creek Ave.
Anchorage, AK 99501

September 24, 2020

Addendum 3
Invitation to Bid # 20-14-208038
150.47 Culvert Replacement

This addendum is being issued to provide information as follows: THE CLOSING DATE FOR THIS SOLICITATION HAS CHANGED AS FOLLOWS, BIDS WILL BE RECEIVED UNTIL 3:00 PM LOCAL TIME ON, **OCTOBER 2, 2020 AT WHICH TIME BIDS WILL BE PUBLICLY OPENED.**

BID INFORMATION, CONDITIONS & INSTRUCTIONS:

Closing date changed to October 2, 2020.

BIDDER QUESTIONS:

1. Please confirm the existing railroad ballast removed during construction can be utilized in the embankment or below the bedding if sub-excavation conditions arise?
a. YES
2. How will the contractor be paid for sub excavation, if required due to subpar soil conditions beneath the current pipe?
a. See revised Bid schedule.
3. Can rip rap, ballast, or any larger rocks be installed below the 6" bedding material to replace the sub-excavation?
a. YES
4. Does ARR take exception to installing the new steel culvert adjacent to the existing damaged culvert? Existing culvert to be utilized as diversion pipe and would be removed after new pipe is installed.
a. Yes, not in the scope of our permit
5. Is temporary fill utilized within ARR ROW to build staging pads and access ramps required to be removed after construction or can it be left in place?
a. This fill must be removed from wetland areas
6. Can you provide any additional information regarding utilities within the construction area?
a. The only utility ARRC is aware of is a fiber-optic cable on the east side of the tracks. Contractor is responsible to call Alaska Digline Inc. 811.
7. Please confirm the contractor is not responsible to pay for the ARR Flagman when staging equipment, materials, etc., within the ARR ROW?
a. ARRC will cover costs for flagman
8. Is the 988B available for rent/use at the Birchwood yard?
a. Contractor must provide loading equipment at Birchwood Yard

9. I don't see the F&G permit, could you provide a copy?
 - a. *Attached*
10. Is it permitted to fill wetlands for an access road and pads? (Also, is there a wetlands permit in place if needed?)
 - a. *Temporary Pads are permitted to the limited extent possible*
11. Could someone mark up the drawings with what is determined wetlands in the area between end of road (at the signal) and 100' past the slough, on both sides?
 - a. *ARRC will provide wetlands information we are aware of.*
12. Would fill on uplands or wetlands have to be removed after the project?
 - a. *Fill could be left in upland areas only if it is non-erodible. Fill in wetland areas will be removed.*
13. If fill would have to be removed, to what extent? Will we have to place geotextile and carefully remove all fill, or as good as can be reasonably expected with an excavator?
 - a. *Geotextile shall be placed beneath all fills in wetland areas*
14. The weight of the pipe is approximately 28,350 lbs per 33' section, or 57,000 plus lbs for the 66' if the cutting shoes are left on. Would it be possible to have a railcar deliver the pipe to the site? Could the ARRC load it with their loader?
 - a. *We are working on arranging delivery via railcar. We will add an alternate for each method (truck vs railcar) to the bid sheet. Contractor will still be responsible for loading and unloading.*
15. The pipe has some cutouts in it. Would these have to be patched for the installation?
 - a. *Yes*
16. Do you have info on the cutting shoe metal that can be used for weld procedures if we splice that end? Same on pipe?
 - a. *Both should be A252 grade steel*
17. Seems there was a tight tolerance on the top of ballast on a previous job, could you let us know how close to grade it will need to be?
 - a. *Final ballast grade will need to be within +/- 1" over the length or the track opening.*
18. The specs indicate the Contractor should allow 3 hours for ARRC to connect the rail and put it back in service. Does that include the time required to flood the ties with ballast and spread it out? How long should we allow for the tracks to be unbolted at the start of the closure?
 - a. *About one hour.*
19. Could ARRC provide the 4 ways they use to lift the track sections?
 - a. *Yes*
20. Confirm ARRC supplies the ballast on site to flood the ties.
 - a. *ARRC will provide all Ballast for the project; contractor will be responsible for transportation from Birchwood Yard, and moving the ballast to the track.*
21. Could you provide a ROW map showing that area from the access road, past the signals, to 100' beyond the slough?
 - a. *See Exhibit.*
22. The specs say seeding will be required. Could this be dormant seeding without return in the spring, or will maintenance and/or seeding be required in the spring?
 - a. *Seeding will be required in spring*

23. Could you confirm which side the fiber optic is on, and approximate location?
a. See question #6
24. Will ARRC have ACS provide slack to move the cable outside the pipe area, or will the Contractor have to snake the pipe under the fiber optic cable?
a. This will be subject to negotiation with ACS, the contractor may have to snake under the cable.
25. The specs call for at least 6" of material below pipe. Concern for the subbase was voiced at the prebid. Could the spec be changed to maybe 2' of cobbles, then gravel under the pipe, or some muck excavation item? Then something less stringent for % compaction at the lower areas.
a. Please see answer #1
26. Does the railroad have a water source for drill rigs such as a water hydrant?
a. Please work with the city of Seward to obtain a permit to use a city hydrant. If that is not an option, ARRC has a water source that may work.
27. If a contractor decides to make the excavation wider, will all the backfill, Borrow Type A, still be paid by the ton for the extra material needed? *a. There will not be an allowance for deviation from the plans for convenience. If a change in site conditions requires a change order one will be issued.*

CLARIFICATIONS:

**The new Substantial Completion Date is November 30, 2020.
The new Final Completion Date is June 1, 2021.**

ATTACHMENTS:

Please replace the original attachments in their entirety with the revised attached.

- Revised Appendix H: Cost Schedule (2 pages)

All other terms and conditions remain unchanged.
If there are any questions regarding this addendum please let me know.

Thank you,

Greg C Goemer
Sr. Contract Administrator Alaska
Railroad Corporation

APPENDIX H

COST SCHEDULE

COST SCHEDULE: A Bidder's failure to provide the information requested in this Appendix may be cause for rejection of the bid on the basis on non-responsiveness. Cost shall be bid in accordance to all term, conditions, specifications and drawings.

AWARD CRITERIA: A contract award resulting from this solicitation shall be made to the low, responsive, responsible bidder who meets the requirements as set forth in the plans and specifications and compliance thereof. An award shall be made in the aggregate. The successful bidder shall hold unit prices of all additives firm for a period of thirty (30) days from the date of bid opening. The Award is contingent on the availability of ARRC and State of Alaska funds.

Bid Item Description: Culvert Replacement per scope of Work.

Lump Sum Bid Price \$ _____

The Undersigned has read the foregoing RFQ and hereby agrees to the terms and conditions stated therein by affixing his/her signature below.

NON-COLLUSION AFFIDAVIT: The Undersigned declares, under penalty of perjury under the laws of the United States, that neither he/she nor the firm, association, or corporation of which he/she is a member, has, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this Bid.

BIDDERS NAME AND ADDRESS

COMPANY NAME

SIGNATURE BY AND FOR THE BIDDER

COMPANY ADDRESS

PRINTED NAME OF ABOVE BIDDER

DATE OF BID

CONTACT PHONE NUMBER

CONTACT E-Mail

Bid Schedule:

Bidders Please Note: Before preparing the bid schedule, carefully read the contract documents. The bidder shall insert a price for each pay item listed below. Type or print legibly.

BID ITEMS					
Item No.	Item Description	Unit	Quantity	Unit Bid Price	Amount Bid
640	Mobilization	LS	1	Lump Sum	
602-3.02	Water Diversion/ Dewatering	LS	1	Lump Sum	
641	TWUP Permitting/ SWPPP Permitting	LS	1	Lump Sum	
603	Welding AS D1.1	LS	1	Lump Sum	
603(17)	108 inch pipe (3/4" steel pipe)	LF	66		
ADOT 202(4)	Removal of culvert pipe	LF	60		
205.0009	Borrow Type A	Ton	825		
618	Seeding	AC	1		
	CONTINGENT ITEMS				
203.0004	Muck Excavation	CY	150		
Total Bid:					

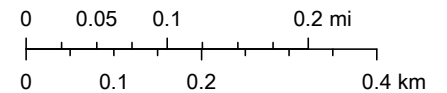
Matanuska



9/23/2020, 11:32:37 AM

1:18,056

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|---|---|--|--|
| Permit | — Track Centerline | — Traced Blanket Utility Permits | Deed parcels |
| — Other | Permit Lines | ARRC Boundary | MSB Parcels |
| ● Milepost - Tenths | — Permit Lines | Other | |



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS,

World Imagery Metadata

ArcGIS Web AppBuilder

Matanuska-Susitna Borough, Fed GIS, GeoEye, Maxar, Microsoft | Esri, HERE | Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community | R&M Consultants, Inc. | This dataset was



FISH HABITAT PERMIT FH19-IV-0334 (Amendment #1)

ISSUED: April 6, 2020
EXPIRES: Life of Structure

Jeanette Holt
Alaska Railroad Corporation
P.O. Box 107500
Anchorage, AK 99510

RE: Culvert Installation (Fish Passage Site No. 20401309)
Unnamed Stream (Water body No. 247-50-10260-2035)
Section 26, T 17 N, R 1 E, SM
Location: 61.5375 N, -149.2337 W

Dear Ms. Holt:

This amendment is written to alter the in-water work window for the installation of the new permanent culvert. All previous versions of this permit are null and void.

Pursuant to the Anadromous Fish Act at AS 16.05.871(b), the Alaska Department of Fish and Game (ADF&G) Habitat Section has reviewed your proposal to replace a failing culvert on an unnamed stream at milepost 150.47 of the Alaska Railroad. The purpose is to protect critical infrastructure, improve safety, and maintain the integrity of the railroad.

Project Description

According to your project plans, you will replace an 8-foot wide and 65-foot long corrugated metal pipe (CMP) with a 9-foot wide and 66-foot long steel smooth wall pipe. Approximately 120 cubic yards of material will be excavated in order to set the invert of the new permanent pipe 2 feet lower than the existing CMP. You also propose to excavate about 380 cubic yards (cy) of native material to install the new culvert. The site will be backfilled with clean fill, approximately 75 cy below the ordinary high water (OHW) line, and the railroad bed and track will be reestablished. The pipe will be backfilled with 2 to 3 feet of gravel. The stream banks will be stabilized with a coir log and the disturbed areas backfilled with topsoil and seeded in the spring of 2020. Site restoration shall follow the guidelines found in Alaska Department of Natural Resources' publication 'A Revegetation Manual for Alaska'. Water may be withdrawn from the unnamed stream, if necessary, to maintain the installed vegetation.

Prior to removal of the existing culvert, the work area below the OHW line of the unnamed stream will be isolated. Stream flow will be pumped around the work area for up to 4 days. You intend to conduct this replacement between October and December of this year. Your permit application and all materials, maps, and drawings are hereby adopted by reference into this permit.

Anadromous Fish Act

The unnamed stream (Water body No. 247-50-10260-2035) has been specified as being important for the spawning, rearing, or migration of anadromous fishes pursuant to AS 16.05.871(a). The water body provides habitat for coho and sockeye salmon.

In accordance with AS 16.05.871(d), your project is approved subject to the project description and permit terms, and the following stipulations:

1. The Habitat Section staff will be contacted to arrange for a pre-construction meeting at least 48-hours prior to diverting water to approve the final de-watering plan. Please contact the Habitat Section at (907) 861-3200 to make arrangements for this meeting.
2. All work below the ordinary high water line of the unnamed stream shall be conducted between October 1 and December 31.
3. The water pump intake structure must be enclosed and centered within a screened intake structure with a maximum screen-mesh size of 1/8-inch. The intake structure must be designed so that the water velocity does not exceed 0.5 feet per second at the screen/water interface.
4. No fuel shall be stored, nor vehicles fueled or serviced while located below the ordinary high water line of the unnamed stream.
5. Silt fencing or other suitable containment techniques must be used, as necessary, to minimize the introduction of suspended solids into flowing waters.

You must maintain the integrity of the structure in accordance with the terms of this permit so that free fish passage is assured. You must restore any obstruction to the free fish passage to the satisfaction of ADF&G.

Advisory: This project is scheduled to be completed by March 1, 2021. Construction activities after this date may require an amendment. Please contact the Habitat Section (907-861-3200) for more information.

Advisory: Your activities may require a fish resource permit from the Division of Sport Fish. Please contact the Aquatic Resource Permit Coordinator at dfg.dsf.permitcoordinator@alaska.gov for more information.

Permit Terms

This letter constitutes a permit issued under the authority of AS 16.05.871 and must be retained on site during project activities. Please be advised that this determination applies only to Habitat Section regulated activities; other agencies also may have jurisdiction under their respective authorities. This determination does not relieve you of your responsibility to secure other permits; state, federal, or local. You are still required to comply with all other applicable laws.

You are responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved project. For any activity that significantly deviates from the approved plan, you shall notify the Habitat Section and obtain written approval in the form of a permit amendment before beginning the activity. Any action that increases the project's overall scope or that negates, alters, or minimizes the intent or effectiveness of any provision contained in this permit will be deemed a significant deviation from the approved plan. The final determination as to the significance of any deviation and the need for a permit amendment is a Habitat Section responsibility. Therefore, we recommend you consult the Habitat Section before considering any deviation from the approved plan.

You shall give an authorized representative of the state free and unobstructed access to the permit site, at safe and reasonable times, for the purpose of inspecting or monitoring compliance with any provision of this permit. You shall furnish whatever assistance and information the authorized representative reasonably requires for monitoring and inspection purposes.

In addition to the penalties provided by law, this permit may be terminated or revoked for failure to comply with its provisions or failure to comply with applicable statutes and regulations. You shall mitigate any adverse effect upon fish or wildlife, their habitats, or any restriction or interference with public use that the commissioner determines was a direct result of your failure to comply with this permit or any applicable law.

You shall indemnify, save harmless, and defend the department, its agents, and its employees from any and all claims, actions, or liabilities for injuries or damages sustained by any person or property arising directly or indirectly from permitted activities or your performance under this permit. However, this provision has no effect if, and only if, the sole proximate cause of the injury is the department's negligence.

You may appeal this permit decision relating to AS 16.05.871 in accordance with the provisions of AS 44.62.330-630.

Please direct questions about this permit to Habitat Biologist Sarah Wilber at (907)861-3206 or sarah.wilber@alaska.gov.

Sincerely,

Doug Vincent-Lang
Commissioner



By: Jonathan Kirsch
Matanuska-Susitna Area Manager
Habitat Section
(907) 861-3200

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cc:	A. Ott, Habitat	S. Ivey, SF	T. Long, SF	Permits, SF
	D. Dahl, AWT	R. Benkert, Habitat	J. Darby, AWT	G. O'Doherty, SF
	L. Schick, DNR	J. Kirsch, Habitat		