



Alaska Railroad Corporation
327 W. Ship Creek Ave.
Anchorage, AK 99501

November 7, 2025

Addendum 1

ITB #25-71-213958

Emergency Repairs; Culverts

Addendum number 1 has been issued for additional information

The Closing Date for this ITB has changed.

Bids will be received until November 21, 2025 @ 3:00 PM Alaska time.

Please replace the following Appendices in their entirety with the ones attached herein.

1. Appendix C – Statement of Services / Scope of Work
2. Appendix G – Special Provisions
3. Appendix J – Cost Schedule Option 1 and or Option 2

Attachments:

1. CBD Standard Drawings
2. Culvert Replacement Details
3. Ballast and Crossings
4. Typical Sections Culvert 1.04

Please acknowledge receipt of this and all addendums in your firm's Construction Bid Form (Form 395-0121).

All other terms and conditions remain unchanged.

Please direct all responses and/or questions concerning this solicitation to Lee Thompson to:
ThompsonL@akrr.com

Thank you,

C. Lee Thompson

Contract Administrator
Alaska Railroad Corporation

APPENDIX C – Statement of Services

Scope of Work

The scope of this project is to mitigate structural issues of three 60-Inch diameter structural plate pipe culvert structures located at ARRC MP 102.5. These structures convey water from Rabbit Creek into the Cook Inlet in South Anchorage. This bid package presents multiple options for this mitigation effort. The Contractor may elect, but is not required, to provide bids all options outlined herein. ARRC will select the option that is in the best interest of ARRC.

The two (2) options presented herein are as follows:

1. **Install New CBD**: Install a new single span, 28-foot long, Owner furnished Concrete Ballast Deck (CBD) span supported by Owner furnished concrete pile caps, using Owner furnished pipe pile. Owner furnished PS-31 structural steel sheet pile will be used to construct new bulkheads at each abutment. Each bent will consist of an array of pipe piles driven to the driving resistance and minimum penetration specified herein and on the Plans.
2. **Partial Replacement New Pipe**: Remove and replace the first 50-feet of the legacy 60-inch diameter structural plate pipe culvert, removing the culvert from its outlet to the splice location designated on the Plans between the Seward Highway and the tracks. The removed pipe will be replaced with new pipes as outlined herein. The new pipes will be slipped a minimum of 3-feet over the legacy structural steel plate pipes. The annuli of the pipes will be grouted prior to the placement of a headwall at the location of the joint. A new headwall will also be constructed at the outlet of the three (3) new pipes.

Contractor is to bid the work as if ARRC equipment will not be available to support the Work outlined herein. The Contractor will provide any and all on-track equipment necessary to complete the Work.

The following ARRC Standard Drawings shall be used as reference, in addition to the Special Provisions outlined herein and the Plans. ARRC Standard Drawings attached to this solicitation include:

1. Concrete Ballast Deck (CBD) Standard Drawings
2. Culvert Standard Plans
3. Roadbed Standard Plans

Track Outages: in accordance with Subsection 107-1.08.

1. ARRC will require 3.5 hours to reassemble the track, this window must be accounted for in the Contractor's allotted outage.
2. Work shall be planned so as to minimize track outages. Train traffic is unpredictable but expected natural work windows are as follows:
 - a. Outside Passenger Season – roughly 10/1 – 4/12 dependent on weather conditions
 - 0600-1800 daily: expect one train per day, expect a 6 hour window daily, subject to change.
 - 1800-0600 daily: expect one train per night, expect a 6 hour window nightly, subject to change.
 - Typically, once per week there may be a larger track window from Sunday night or Monday morning to Wednesday afternoon; however, this is not guaranteed and may shift up due to barge traffic which is weather dependent.

b. During Passenger Season – roughly 4/12 – 10/1 dependent on weather conditions

- 0830-2200: several trains daily, expect a 2 hour window at some point daily, subject to change.
- 2200-0830: possibility of passenger delays and unscheduled freight, however, typically can expect a 6-8 hour window nightly.

The above traffic schedule is provisional and may change. Train traffic must not be impeded. ARRC forces will also be utilizing tracks in the area for inspection, maintenance, and other purposes, as such windows are not always for the exclusive use of the Contractor. An outage approval will generally consist of an authorization of the outage duration. As freight train traffic at this location is weather dependent, the exact start times of the outage window cannot be guaranteed until 48hours prior to the outage. The longest potential outage that may be authorized at this location is four days. Contractor is to note that any work window requests affect passenger trains will likely be denied.

Railroad Safety: In accordance with Subsection 107-1.15. The aforementioned Subsection covers Roadway Worker Protection, On-Track Roadway Maintenance Machines, Bridge Worker Safety, and ARRC Flag Protection requirements.

Railroad Contractor Qualifications: In accordance with Subsection 801-1.10.

APPENDIX G

Special Provisions

Unless noted otherwise herein, the March 2025 edition of ARRC's Standard Specifications for Construction (SSC) are to be referenced. Furthermore, unless explicitly noted, "Section" or "subsection" shall be in reference to the SSC. The abovementioned reference manual can be found at:

<https://www.alaskarailroad.com/sites/default/files/procurement/2025%20ARRC%20SSC.pdf>

SECTION 203

EXCAVATION AND EMBANKMENT

203-1.01 DESCRIPTION.

Add the following:

Alternate Bid Items. If Pay Item 203.0019.2D is selected by ARRC, it will replace, in its entirety, Pay Items:

1. 202.0018.1
2. 203.0019.1
3. 611.0003
4. 630.0001.1

Excavate, haul, place, and compact or dispose of the minimum amount of materials necessary to complete the Work established herein, on the Plans, and in any applicable ARRC Standard Drawings. Finished ground elevations at the end of the Work shall be such that the entire project site has positive drainage (*e.g.: no ponding beneath pile caps.*)

SECTION 309

RAILROAD BALLAST

309-2.01 MATERIALS.

Delete Subsection in its entirety and replace with the following:

Use Owner provided Railroad Ballast, Type 3. Material will be made available to the Contractor at ARRC's Birchwood Yard. The Contractor is responsible for transporting the material between the sites, to include coordination with ARRC for access to the stockpiles.

SECTION 501 CONCRETE FOR STRUCTURES

501-1.01 DESCRIPTION.

Add the following:

Precast Concrete Members identified on the Plans will be provided by the Owner and made available at ARRC's Anchorage Yard. The Contractor is responsible for transporting the material between the sites, to include coordination with ARRC for access to the stockpiles. Prior to the Contractor taking possession of such members, ARRC will inspect the members alongside the Contractor to note their condition.

Owner provided material consists of the following:

1. 28' Precast CBD Span, issued as a pair.
 - a. Contractor to verify cast-in-place intermediate and end diaphragms are installed. If not the Work will be completed in accordance with this Section.
2. Double Row Pile Cap, two (2) each.

Alternate Bid Items. When selected by ARRC:

1. Pay Item 501.0001.2B will replace 501.0001.1 in its entirety.
2. Pay Item 501.0007.2B will replace 501.0007.1 in its entirety.

501-3.13 PRECAST CONCRETE MEMBERS.

Delete Bullets 1 and 2:

501-3.14 PLACING ANCHOR BOLTS.

Add the following:

When pipe sleeves, pre-cast holes, cored holes, or drilled holes are neither provided nor located in the correct location on the Owner provided members, core holes and/or fill existing holes with grout as necessary.

501-5.01 BASIS OF PAYMENT.

Add the following to the first paragraph:

All work necessary to core holes in the correct location and/or fill existing holes with grout shall be subsidiary to this Work.

Add the following after the third paragraph:

Cast-In-Place Headwall. All steel reinforcing required to complete the Work in accordance with Section 503, and as detailed on the Plans, is subsidiary to this Work and will not be measured for payment.

Cast-In-Place Diaphragms. Payment for Cast-In-Place Diaphragm members includes materials and work for the following items: Class A-A concrete, reinforcing steel contained in the member, and blockouts required to complete the Work in accordance with Section 503, and as detailed on the Plans, is subsidiary to this Work and will not be measured for payment.

Replace the table with the following:

PAY ITEM		
Item Number	Item Description	Unit
501.0001.1	Class A Concrete, 12"ø x 0.500"t Piles	LS
501.0001.2B	Class A Concrete, 16"ø x 0.500"t Piles (<i>Alternate B</i>)	LS
501.0001.3	Class A Concrete, Cast-In-Place, Joint Headwall (<i>Option 2</i>)	LS
501.0001.4	Class A Concrete, Cast-In-Place, Outlet Headwall (<i>Option 2</i>)	LS
501.0007.1	Precast Concrete Member, Double Row Cap	LS
501.0007.2B	Precast Concrete Member, Single Row Cap (<i>Alternate B</i>)	LS
501.0010	Precast Concrete Members, 28' CBD Span	LS

**SECTION 503
REINFORCING STEEL**

503-1.01 DESCRIPTION.

Add the following:

Alternate Bid Items. When selected by ARRC, Pay Item 503.0001.2B will replace 503.0001.1 in its entirety.

503-5.01 BASIS OF PAYMENT.

Replace the table with the following:

PAY ITEM		
Item Number	Item Description	Unit
503.0001.1	Reinforcing Steel, 12"Ø Pile Cage	LS
503.0001.2B	Reinforcing Steel, 16"Ø Pile Cage (<i>Alternate B</i>)	LS

**SECTION 504
STEEL STRUCTURES**

504-1.01 DESCRIPTION.

Delete and replace with the following:

Construct, or modify existing, steel structures and the structural metal portions of composite structures according to the Plans and in accordance with Chapter 15 of the current edition of AREMA.

Furnish, fabricate, erect, and coat structural metals shown on both the Plans and ARRC Standard Plans, including structural steel of all grades, bolts and fasteners, stud shear connectors, welding, special and alloy steels, metallic electrodes, steel forgings and castings, and iron castings. Furnish, fabricate, and install incidental metal construction and elastomeric material not otherwise provided for, according to the Contract.

“Falloff material” is defined as the fabricated steel components, structural hardware, and any other ancillary items necessary for the installation of the 28’ CBD Span in accordance with the ARRC’s “Concrete Ballast Deck (CBD) Standard Drawings”. Falloff material includes, but are not limited to, the following:

1. Deck Plate DP-E(s)
2. Diaphragm Assemblies
 - a. Diaphragm Plate SD-1
 - b. Diaphragm Angles DA-1 and DA-2
3. Girder Stops
 - a. Girder Stops GS-1 and GS-2
4. Steel Tee “T-20”(s)
5. Tension Bars (*when required, see Section 501*)

Utility Conduit Brackets are to be provided and installed by others.

Spray metalize the selected diameter of Owner furnished pipe pile per the Plans, as indicated in the Special Provisions, and in accordance with Section 716. Assume a minimum of the top 40’ nominal length per each pile in the selected array.

Spray metalize the Owner furnished PS-31 90° pile per the Plans, and in accordance with Section 716.

Alternate Bid Items. When selected by ARRC, Pay Item 504.0003.3B will replace 504.0003.1 in its entirety.

504-5.01 BASIS OF PAYMENT.

Replace the table with the following:

PAY ITEM		
Item Number	Item Description	Unit
504.0001.1	Structural Steel, 28’ CBD Falloff Materials	LS
504.0001.2	Structural Steel, Walkway with Handrail Assembly	LS
504.0003.1	Structural Steel, Spray Metallization, 12”Ø Piles	LS
504.0003.2	Structural Steel, Spray Metallization, PS-31 90° Piles	LS
504.0003.3B	Structural Steel, Spray Metallization, 16”Ø Piles (<i>Alternate B</i>)	LS

SECTION 505 PILING

505-1.01 DESCRIPTION.

Add the following:

Alternate Bid Items. When selected by ARRC:

1. Pay Item 505.0005.1A will replace 504.0003.1 in its entirety.
2. Pay Item 505.0005.2C will replace 504.0003.3B in its entirety.
3. Pay Item 505.0006.3B will replace 505.0006.1 in its entirety.

505-2.01 MATERIALS.

Add the following:

When not specified, use Owner provided Structural Steel Piles. Material will be made available to the Contractor at either ARRC's Birchwood or Anchorage Yards. The Contractor is responsible for transporting the material between the sites, to include coordination with ARRC for access to the sites.

Owner provided material consists of the following:

3. 12"Ø x 0.500"t Pipe Pile, uncoated; 40' nominal lengths.
4. 16"Ø x 0.500"t Pipe Pile, uncoated; 40' nominal lengths.
5. PS-31 Flat Sheets, hot-dipped galvanized; 60' (75' max.) nominal lengths.
6. PS-31 90° Pile, uncoated; 60' nominal lengths.

505-5.01 BASIS OF PAYMENT.

Replace the second paragraph with the following:

Drive Piles. The contract price includes:

1. All related work required to drive the piles to the Minimum Penetration and Driving Resistance outlined below and on the Plans, including: pile crew time (including payroll and administrative additives), equipment costs, and other fixed or variable items incurred during pile driving, the construction of temporary work platforms, fresh heading, splicing, restrike, pile cleanout and cutting off.
 - a. Minimum Penetration. 60'-0" minimum, measured from the finished ground elevation.
 - b. Galvanic Protection. The portion of pipe pile required to be galvanized shall be measured from the cutoff elevation to a distance not less than 10 feet below the finished ground elevation.
 - i. Steel pipe piles that do not protrude above the final ground line do not require galvanizing.
 - c. Driving Resistance.
 - i. 12"Ø Steel Pipe Pile. 100-ton/pile minimum.
 - ii. 16"Ø Steel Pipe Pile. 200-ton/pile minimum.
2. All related work required to construct "Bollards" in the locations identified on the Plans and placement of concrete to the depths shown on the ARRC's "Concrete Ballast Deck (CBD) Standard Drawings" in accordance with Section 501.
3. All related work required to assist the Contract Manager in performing High Strain Dynamic Testing is subsidiary.
4. Furnishing and installing inside flange open end cutting shoes that are compatible with the pile size selected for each initial pile to be driven.
5. Furnishing and installing pipe plugs as detailed on the Plans.

Replace the table with the following:

PAY ITEM		
Item Number	Item Description	Unit
505.0005.1A	Furnish Structural Steel Piles, 12"ø x 0.500"t, Hot-Dip Galvanized (<i>Alternate A</i>)	LF
505.0005.2C	Furnish Structural Steel Piles, 16"ø x 0.500"t, Hot-Dip Galvanized (<i>Alternate C</i>)	LS
505.0005.3C	Furnish Structural Steel Piles, 60"ø x 0.500"t, Uncoated (<i>Option 2, Alternate C</i>)	LF
505.0006.1	Drive 12"ø x 0.500"t Pipe Pile	EA
505.0006.2	Drive 12"ø x 0.500"t Pipe Pile, Bollard	EA
505.0006.3B	Drive 16"ø x 0.500"t Pipe Pile (<i>Alternate B</i>)	EA
505.0010	Structural Steel Sheet Piles, PS-31 Sheets	LS

**SECTION 602
STRUCTURAL PLATE PIPE**

602-1.01 DESCRIPTION.

Add the following:

Alternate Bid Items.

1. If Pay Item 603.0023 is selected by ARRC, no Work will be completed under Section 602.

602-5.01 BASIS OF PAYMENT.

Replace the table with the following:

PAY ITEM		
Item Number	Item Description	Unit
602.0004.B	Structural Plate Pipe 66 Inch, 12 Ga Min., Aluminized (<i>Option 2, Alternate B</i>)	LF

**SECTION 603
CULVERTS AND STORM DRAINS**

603-1.01 DESCRIPTION.

Add the following:

Alternate Bid Items.

1. If Pay Item 602.0004.B is selected by ARRC, no Work will be completed under Section 603.

603-2.01 MATERIALS.

Delete the second paragraph and replace with the following:

When Item 603.0023._____, Pipe, is listed in the bid schedule, the Owner will select one of the following Alternate Bid Items to be furnished by the Contractor; Corrugated Steel Pipe (CSP), Corrugated Aluminum Pipe, or Smooth Steel Pipe (*Pipe Pile*).

603-3.03 JOINING PIPE.

Add the following bullet:

4. Smooth Steel Pipe (SSP) to Corrugated Steel Pipe. Fabricate a steel collar from material with similar properties to the SSP with a minimum outer diameter of 66-inches to achieve the minimum grout joint shown on the Plans.

603-5.01 BASIS OF PAYMENT.

Add the following:

If Alternate Bid Item 505.0005.3C is selected by ARRC, the fabrication of the steel collar and its installation to the 60-inch smooth steel pipe is subsidiary to the aforementioned Pay Item.

Replace the table with the following:

PAY ITEM		
Item Number	Item Description	Unit
603.0001	CSP 66 Inch, Aluminized (<i>Option 2</i>)	LF
603.0009.A	Corrugated Aluminum Pipe 66 Inch, 12 Ga Min, (<i>Option 2, Alternate A</i>)	LF
603.0023	Pipe 66 Inch (<i>Option 2</i>)	LS

**SECTION 618
SEEDING**

618-2.01 MATERIALS.

Delete and replace with the following:

Use materials that conform to the Special Provisions and the following:

Seed: 'Arctared' Red Fescue – 15%
'Boreal' Red Fescue – 20%
'Notran' Tufted Hairgrass – 40%
'Wainwright' Slender Wheatgrass – 15%
Annual Ryegrass – 10%

Fertilizer: 10N-10P-10K-8.5S (*or approved equivalent*)

618-3.01 APPLICATION.

Delete the first paragraph and replace with the following:

Apply seed mix, fertilizer, and mulch (*if required*) at the rates specified below:

Seed on upland areas with slopes less than 3H:1V: 1 pound per 1000 square feet

Seed on upland areas with slopes greater than 3H:1V: 2 pounds per 1000 square feet

Fertilizer: 10 pounds per 1000 square feet.

**SECTION 643
TRAFFIC MAINTENANCE**

643-3.06 TRAFFIC PRICE ADJUSTMENT.

Delete and replace with the following:

A Traffic Price Adjustment, under Item 643.0023.____, will be assessed for unauthorized lane closures, reductions, or any action that impedes rail traffic or delays Rail Barges. Assessments differ by agency:

1. AKDOT&PF: unauthorized lane reductions will be assessed as one full lane closure, for each lane reduced without authorization.
2. ARRC: based on the delay time recorded on the train sheet(s) furnished by ARRC's Dispatcher's Office. Each train sheet shall be the official document by which the length of time a train is delayed is determined.

Authorized lane closures and/or lane reductions are those shown in the Contract, an approved TCP, or authorized in writing.

Unauthorized lane reductions include unacceptable roadway, pedestrian walkway or route, and bicycle route or pathway surfaces, such as severe bumps, ruts, washboarding, potholes, excessive dust or mud, and non-conforming or out of place traffic control devices. Failure to install temporary crash cushions or barriers, when required according to the Contract or TCP, is also considered an unauthorized lane reduction. The Contract Manager will make the sole determination whether unauthorized lane reductions or closures are present.

Train delays include any action or activity of the Contractor or its subcontractor(s) that impede rail barge, train, or other rail traffic.

Adjustment Rates are listed below:

1. AKDOT&PF: Table 643-3. These rates are liquidated damages which represent highway user costs, based on Average Daily Traffic (ADT). The Contract Manager will use the rate shown for the current ADT for this project, as published in the Regional Traffic Volume Report prepared by the Department's Planning Section. Adjustment rates for unauthorized reduction or closure of each lane of pedestrian walkways or route, and bicycle route or pathway, are the same as for one full roadway lane closure.

**TABLE 643-3
AKDOT&PF ADJUSTMENT RATES**

Published ADT	Dollars/Minute of Unauthorized Lane Reduction or Closure
Less than 1,000	\$2
1,000-4,999	\$10
5,000-9,999	\$30
10,000+	\$40

2. ARRC: Table 643-4. These rates are liquidated damages which represent impacts to the railway operator and its customers. In addition to the aforementioned damages, the following may be applicable:
 - a. Damages will apply to the second crew if needed to relieve the original crew; and,
 - b. If a delay causes a barge carrier to miss a sailing, the liquidated damage computation of time shall cover the period between the vessel's scheduled sailing time its actual departure time, in addition to the length of time determined by the train sheet.

**TABLE 643-4
ARRC TRAIN DELAY ADJUSTMENT RATES**

Type	Dollars/Time	Minimum Charge
Passenger Train	\$50 / Minute	\$3,000
All Other Rail Traffic	\$50 / Minute	\$1,500
Rail Barges or other Connected Carrier Vessels	\$1,000 / Day	\$6,000

Add new Section:

**SECTION 647
AS-BUILT DRAWINGS AND SPECIFICATIONS**

647-1.01 DESCRIPTION.

Work includes all equipment, materials, supervision, and labor required to provide project administration, management, record keeping, and work relating to maintaining project record documents for project closeout.

647-2.01 SUBMITTALS.

Submit all project record documents prior to application for final payment. Complete payment will not be made to the Contractor unless accurate and complete closeout submittals are received as specified.

Record documents shall be maintained in accordance with this section of the Contract.

Contractor shall maintain one record copy of:

1. Contract drawings: Legibly mark in ink or indelible pencil, or a record of actual construction including the following information; location of internal utilities and appurtenances concealed in construction referenced to visible and accessible feature of structure, field changes of dimensions and details, changes made by change order or Owner's instructions, and details not on original contract drawings.
2. Specifications: Mark up each section to record Manufacturer, model, catalog number, and supplier of each product and item of equipment actually installed as well as other matters not originally specified.
3. Addenda: Provide markups to all addenda, similar to other Contract drawings and specifications.
4. Change orders and other modifications to the Contract.
5. Reviewed shop drawings, product data and samples: After review, legibly annotate the shop drawings, product data, and samples to clearly specify what is included in the work.
6. Field test records.
7. Inspection certificates.
8. Manufacturer's certificates.

647-4.01 METHOD OF MEASUREMENT.

The work will be measured in accordance with Section 109 and the following:

1. Lump Sum. No Measurement of quantities will be made.

647-5.01 BASIS OF PAYMENT.

Non-compliance with this Section is considered unsatisfactory performance and will result in withholding payment in accordance with Section 640 and may result in withholding progress payments according to Subsection 109-1.06.

Payment will be made under:

PAY ITEM		
Item Number	Item Description	Unit
647.0001.1	As-Built Drawings and Specifications (<i>Option 1</i>)	LS
647.0001.2	As-Built Drawings and Specifications (<i>Option 2</i>)	LS

APPENDIX J

COST SCHEDULE – OPTION 1

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 specifications and any Technical Specifications incorporated herein.

AWARD CRITERIA: A contract award resulting from this solicitation may 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 may be made in the aggregate of Base Bid and or any combination of Base Bid and Add Alternates, whichever is deemed by the Contract Administrator to be in the best interest of the ARRC. The successful bidder shall hold unit prices of all additives firm for a period of thirty (30) days from the date of bid opening. Award is contingent on the availability of ARRC funds.

BASE BID: OPTION 1 (28' CBD)					
Pay Item No.	Item Description	Unit	Quantity ²	Unit Bid Price	Amount Bid
202.0018.1	Removal of Culvert Pipe	LS	1		
203.0019.1	Unclassified Excavation	LS	1		
203.0020.1	Selected Material, Type A	LS	1		
301.0007.1	Aggregate Base Course, Grading C-1 (Sub-ballast)	LS	1		
309.0003.1	Railroad Ballast, Type 3	LS	1		
501.0001.1	Class A Concrete, 12"ø x 0.500"t Piles	LS	1		
501.0007	Precast Concrete Member, Double Row Cap	EA	2		
501.0010	Precast Concrete Members, 28' CBD Span	LS	1		
503.0001.1	Reinforcing Steel, 12"ø Pile Cage	LS	1		
504.0001.1	Structural Steel, 28' CBD Falloff Materials	LS	1		
504.0001.2	Structural Steel, Walkway with Handrail Assembly	LS	1		
504.0003.1	Structural Steel, Spray Metallization, 12"ø Piles	LS	1		
504.0003.2	Structural Stee, Spray Metallization, PS-31 90° Piles	LS	1		
505.0006.1	Drive 12"ø x 0.500"t Pipe Pile	EA	12		
505.0006.2	Drive 12"ø x 0.500"t Pipe Pile, Bollard	EA	2		
505.0010	Drive Structural Steel Piles, PS-31 Sheets	LS	1		
611.0003	Riprap, Class II	LS	1		

BASE BID: OPTION 1 (28' CBD) (continued)

Pay Item No.	Item Description	Unit	Quantity ²	Unit Bid Price	Amount Bid
618.0005.1	Seeding	LS	1		
630.0001.1	Geotextile, Separation, Class 3	SY	100		
640.0001.1	Mobilization and Demobilization	LS	1		
642.0001.1	Construction Survey	LS	1		
643.0002.1	Traffic Maintenance	LS	1		
643.0023.1	Traffic Price Adjustment	CS	All Required	---	---
646.0001.1	CPM Scheduling	LS	1		
647.0001.1	As-Built Drawings and Specifications	LS	1		
803.0002.1	Track Removal	LS	1		
Total Base Bid:					

ALTERNATE BID: OPTION 1 (28' CBD) ¹

Pay Item No. ³	Item Description	Unit	Quantity ²	Unit Bid Price	Amount Bid
203.0019.2D	Unclassified Excavation (<i>Alternate D</i>)	LS	1		
501.0001.2B	Class A Concrete, 16"Ø x 0.500"t Piles	LS	1		
503.0001.2B	Reinforcing Steel, 16"Ø Pile Cage	LS	1		
504.0003.3B	Structural Steel, Spray Metallization, 16"Ø Piles (<i>Alternate B</i>)	LS	1		
505.0005.1A	Furnish Structural Steel Piles, 12"Ø x 0.500"t, Hot-Dip Galvanized (<i>Alternate A</i>)	LF	480		
505.0005.2C	Furnish Structural Steel Piles, 16"Ø x 0.500"t, Hot-Dip Galvanized (<i>Alternate C</i>)	LF	240		
505.0006.3B	Drive 16"Ø x 0.500"t Pipe Pile (<i>Alternate B</i>)	EA	6		
802.0003.1	Track Work, 115# RE Rail	LS	1		
802.0006.1	Track Tamping, Surfacing, and Final Dressing	LS	1		

Notes:

¹ Award of Alternate Bid items are dependent on Owner finances. The successful bidder will be notified of the Owner's intent to award alternate work prior to receiving a Contract or Notice to Proceed (NTP).

² Bid quantities are approximate. Contractor is responsible for their own quantity take-offs using the information within the Contract Documents to verify the quantities in the Cost Schedule.

³ Pay Items under the Alternate Bid replace Pay Items within the Base Bid, see the Special Provisions for each specific Pay Item.

COST SCHEDULE – OPTION 2

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 specifications and any Technical Specifications incorporated herein.

AWARD CRITERIA: A contract award resulting from this solicitation may 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 may be made in the aggregate of Base Bid and or any combination of Base Bid and Add Alternates, whichever is deemed by the Contract Administrator to be in the best interest of the ARRC. The successful bidder shall hold unit prices of all additives firm for a period of thirty (30) days from the date of bid opening. Award is contingent on the availability of ARRC funds.

BASE BID: OPTION 2 (Partial Pipe Replacement)					
Pay Item No.	Item Description	Unit	Quantity ²	Unit Bid Price	Amount Bid
202.0018.2	Removal of Culvert Pipe	LS	1		
203.0019.3	Unclassified Excavation	LS	1		
203.0020.2	Selected Material, Type A	LS	1		
203.0020.3	Selected Material, Type C	LS	1		
205.0005	Controlled Low-Strength Material	LS	1		
301.0007.2	Aggregate Base Course, Grading C-1 (Sub-ballast)	LS	1		
309.0003.2	Railroad Ballast, Type 3	LS	1		
501.0001.3	Class A Concrete, Cast-In-Place, Joint Headwall	LS	1		
501.0001.4	Class A Concrete, Cast-In-Place, Outlet Headwall	LS	1		
603.0001	CSP 66 Inch, Aluminized	LF	150		
603.0023	Pipe 66 Inch	LS	1		
618.0005.2	Seeding	LS	1		
630.0001.2	Geotextile, Separation, Class 3	SY	100		
640.0001.2	Mobilization and Demobilization	LS	1		
642.0001.2	Construction Survey	LS	1		
643.0002.2	Traffic Maintenance	LS	1		
643.0023.2	Traffic Price Adjustment	CS	All Required	---	---

BASE BID: OPTION 2 (Partial Pipe Replacement)					
Pay Item No.	Item Description	Unit	Quantity ²	Unit Bid Price	Amount Bid
646.0001.2	CPM Scheduling	LS	1		
647.0001.2	As-Built Drawings and Specifications	LS	1		
803.0002.2	Track Removal	LS	1		
Total Base Bid:					

ALTERNATE BID: OPTION 2 (Partial Pipe Replacement) ¹					
Pay Item No. ³	Item Description	Unit	Quantity ²	Unit Bid Price	Amount Bid
505.0005.3C	Furnish Structural Steel Piles, 60"ø x 0.500"t, Uncoated <i>(Alternate C)</i>	LF	150		
602.0004.B	Structural Plate Pipe 66 Inch, 12 Ga Min., Aluminized <i>(Alternate B)</i>	LF	150		
603.0009.A	Corrugated Aluminum Pipe 66 Inch, 12 Ga Min., <i>(Alternate A)</i>	LF	150		
802.0003.2	Track Work, 115# RE Rail	LS	1		
802.0006.2	Track Tamping, Surfacing, and Final Dressing	LS	1		

Notes:

¹ Award of Alternate Bid items are dependent on Owner finances. The successful bidder will be notified of the Owner's intent to award alternate work prior to receiving a Contract or Notice to Proceed (NTP).

² Bid quantities are approximate. Contractor is responsible for their own quantity take-offs using the information within the Contract Documents to verify the quantities in the Cost Schedule.

³ Pay Items under the Alternate Bid replace Pay Items within the Base Bid, see the Special Provisions for each specific Pay Item.

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.

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

BIDDERS NAME AND ADDRESS

COMPANY NAME

SIGNATURE BY AND FOR THE BIDDER

COMPANY MAILING ADDRESS

PRINTED NAME OF ABOVE BIDDER

CITY, STATE ZIP CODE

DATE OF BID

CONTACT PHONE NUMBER

CONTACT E-MAIL