



## **HEALY SLOPE STABILIZATION 357.1**

INVITATION TO BID  
No. 25-56-213663

SEPTEMBER 10, 2025

ALASKA RAILROAD CORPORATION  
327 WEST SHIP CREEK AVENUE  
ANCHORAGE, ALASKA 99501



**ALASKA RAILROAD CORPORATION**  
**327 W. Ship Creek Avenue**  
**Anchorage, AK 99501**  
Phone 907.265.2218  
Walkerr@akrr.com

September 10, 2025

## **INVITATION TO BID**

### **#25-56-213663**

## **HEALY SLOPE STABILIZATION 357.1**

**Response Required:** This page must be completed and returned to ensure receipt of future addenda or additional information. Please e-mail this form to [Walkerr@akrr.com](mailto:Walkerr@akrr.com). All addenda will be forwarded to the contact name and number listed below.

**Firms that have not returned the cover sheet will not be informed of addendums and will only be alerted to addendums by checking with the ARRC procurement officer or by checking ARRC's internet site: [www.alaskarailroad.com](http://www.alaskarailroad.com) , select Procurement and then Solicitations. Bidders must acknowledge the receipt of all issued addendums in their proposal/bid submittal.**

Company \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Contact \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Website: [www.alaskarailroad.com](http://www.alaskarailroad.com)

THIS IS NOT AN ORDER

DATE ITB ISSUED: September 9, 2025

## INVITATION TO BID (ITB) # 25-56-213663

### Healy Slope Stabilization 357.1

**SEALED BIDS WILL BE RECEIVED AT:**

Alaska Railroad, Corporation  
Attn: Rob Walker  
327 West Ship Creek Avenue  
Anchorage, AK 99501

**UNTIL 3:00 P.M. local time October 8, 2025  
AT WHICH TIME BIDS WILL BE PUBLICLY OPENED**

Bids received by e-mail or facsimile transmission will not be considered for award. Bids shall be submitted on the forms furnished herein. Hand-delivered bids, amendments or withdrawals must be received by ARRC's Supply Management Section prior to the scheduled time of bid opening.

**Pre-Bid Site Visit:** A Pre-Proposal Site Visit will be held Thursday, September 25<sup>th</sup>, 2025 at 11:00 AM. We will meet at the Healy Section parking lot ( Junction of Parks Highway, East Healy Spur Road, off Healy Access Road) 63°51'28" N 148°57'55" W **To participate in this meeting and the site visit, interested firms must provide name(s) and cell telephone number(s) for proposed attendees to [WalkerR@akrr.com](mailto:WalkerR@akrr.com) by 3:00 PM September 22, 2025.** A representative of the ARRC will conduct a safety briefing and will provide an escort onto ARRC property for the site visit. PPE: Hardhats, safety vests, protective footwear, safety glasses will be required. A bidder's failure to attend the pre-bid conference will in no way relieve the bidder of the responsibility of performing the work in compliance with the intent and meaning of the terms, conditions and specifications of this ITB.

**IMPORTANT:** Federal Funding:

Work associated with this ITB is funded in part by funds from the Federal Transit Administration an operating administration of the United States Department of Transportation, and the Alaska Railroad Corporation (ARRC). This solicitation package contains some provisions that are designated as applicable to FTA and ARRC funded projects.

ARRC may award a contract resulting from this solicitation to the responsive bidder whose bid conforming to this solicitation will be the most advantageous to the ARRC. ARRC may reject any or all offers if such action is in the best interest of ARRC, and waive informalities and minor irregularities in offers received. Any resulting contract from this

solicitation shall incorporate the Standard Instructions, and General Terms and Conditions incorporated in this solicitation.

ARRC shall not be held responsible for bidder's lack of understanding of what is required by this bid. Should a bidder not understand any aspect of this bid, or require further explanation, or clarification regarding the intent or requirements of this bid, it shall be the responsibility of the bidder to seek guidance from the ARRC.

ARRC reserves the right to reject any and all bids, or any part thereof, negotiate changes in bids, accept any bids or any part thereof, waive minor informalities or defects in any bids, and not to award the proposed contract if it is in the best interest of the ARRC.

This solicitation is not to be construed as a commitment of any kind nor does it commit the ARRC to pay for any costs incurred in the submission of an offer or for any other incurred cost prior to the execution of a formal contract

**BIDDER/VENDOR TERMS AND CONDITIONS: PROSPECTIVE BIDDERS ARE CAUTIONED**

**TO PAY PARTICULAR ATTENTION TO THIS CLAUSE.** Bidder/contractor imposed terms and conditions which conflict with this Invitation for Bid terms and conditions are considered counter offers and, as such, will cause the Alaska Railroad Corporation to consider the bid non-responsive.

If a bidder attaches additional terms and conditions as part of the bid, such attachments must be accompanied by a disclaimer stating that in the event of conflict between the terms and conditions of this Invitation for Bid and the terms and conditions of the bidder/contractor, the terms and conditions of the Invitation for Bid will prevail.

**ARRC Disadvantaged Business Enterprise (DBE) Program:** ARRC is an equal opportunity corporation that encourages the participation of DBEs as prime contractors and subcontractors on its contracts funded in whole or in part by the Federal Transit Administration (FTA) or the Federal Highway Administration (FHWA). ARRC has a race neutral DBE Program and does not set DBE goals on individual solicitations.

Nonetheless, the ARRC aspires to achieve an overall DBE participation of 4.0% in federal fiscal years 2025-2027 on contracts funded by agencies within the U.S.

Department of Transportation. If this contract is funded in whole or in part by funds from the FTA, FEMA or the FHWA, it is imperative that you consult the Federal Terms and Conditions portion of this solicitation.



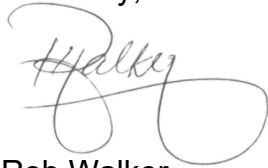
The Alaska Railroad is a member of Green Star (<http://www.greenstarinc.org/>). ARRC earned an initial Green Star Award in 1994 and a Green Star Air Quality Award in 2007. The Alaska Railroad considers Green Star membership to be a positive business attribute, and regards a Green Star award as a tangible sign of an organization's commitment to environmental stewardship and continual improvement within its operations.

Return your bid in a sealed envelope, the envelope used in submitting your offer shall be plainly marked with the following information:

1. Offeror's Name -
2. ITB # 25-56-213663
3. Date and Time Scheduled for Receipt of Offers.
4. Sealed Offer: Healy Slope Stabilization 357.1

Please direct all responses and/or questions concerning this invitation to bid in writing to Rob Walker, Alaska Railroad Corporation, Supply Management, 327 W. Ship Creek Avenue, Anchorage, AK 99501, telephone number 907-265-2218, email address [Walkerr@akrr.com](mailto:Walkerr@akrr.com). Questions need to be submitted one week prior to closing or they may be not accepted.

Sincerely,

A handwritten signature in dark ink, appearing to read "Rob Walker", with a large, stylized loop at the end.

Rob Walker  
Logistics Manager  
Alaska Railroad Corporation

## INDEX

APPENDIX A	<u>REQUIRED DOCUMENTS</u>
APPENDIX B	<u>BIDDERS INSTRUCTIONS &amp; SPECIAL REQUIREMENTS (Construction)</u>
APPENDIX C	<u>STATEMENT OF SERVICES</u>
APPENDIX D	<u>GENERAL CONDITIONS (CONSTRUCTION)</u>
APPENDIX E	<u>SPECIAL PROVISIONS</u>
APPENDIX F	<u>REQUIRED CONTRACT PROVISIONS FOR FEDERAL-AID CONTRACTS</u>
APPENDIX G	<u>FORMS</u> BID FORMS 1. ARRC CONSTRUCTION BID FORM 2. BID SCHEDULE 3. ARRC BID BOND 4. ARRC - CONTRACTOR RESPONSIBILITY QUESTIONNAIRE ARRC SUBCONTRACTOR LIST - [First Tier Subcontractors Only] ARRC PAYMENT BOND ARRC PERFORMANCE BOND ARRC SAMPLE CONSTRUCTION CONTRACT
APPENDIX H	<u>COST SCHEDULE</u>

## ATTACHMENTS

1. ARRC Project Plans
2. ARRC Sample Daily Report Format
3. Construction Quality Control (CQC) Plan
4. State Wage Rates  
Use the State wage rates that are in effect 10 days before Bid Opening.
5. Federal Wage Rates:  
Federal wage rates can be obtained at <https://sam.gov/content/wage-determinations> for the State of Alaska. Use the federal wage rates that are in effect 10 days before Bid Opening.

## **APPENDIX A – REQUIRED DOCUMENTS**

**REQUIRED FOR BID** Bids will not be considered if the following documents are not completely filled out and submitted at the time of bidding.

1. Contractor Responsibility Questionnaire - [Form 395-0136]
2. Construction Bid Form - [Form 395-0121]
3. Bid Bond - [Form 395-0120]
4. Cost Schedule - Appendix I
5. Federal Requirements: Appendix G
22. FTA BUY AMERICA REQUIREMENTS-49 USC §5323(j); 49 CFR Part 661
25. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING-31 USC 1352, 49 CFR Part 19, 20

**REQUIRED AFTER NOTICE OF AWARD** The successful proposer is required to complete and submit the following documents within **five (5) working days** after receipt of written notification:

1. Subcontractor List - [Form 395-0131]

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**REQUIRED FOR AWARD** In order to be awarded the contract, the successful bidder must completely fill out and submit the following documents within the time specified in the intent to award letter:

1. Certificate of Insurance - [from Insurance Carrier]
2. Payment Bond - [Form 395-0126]
3. Performance Bond - [Form 395-0127]
4. Alaska Contractors and Business Licenses
5. State of Alaska Department of Labor Notice of Work
6. Construction Contract - [Form 395-0122]; Notice to Proceed (from ARRC)
7. Escrow Documents deposited into Depository
8. Construction Quality Control (CQC) Plan
9. Contractor's Site Health & Safety Plan

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## **POST AWARD DOCUMENTATION**

1. Weekly Certified Payrolls
2. Copy of State of Alaska Contractor Notice of Completion

## **APPENDIX B – BIDDERS INSTRUCTIONS & SPECIAL REQUIREMENTS** (CONSTRUCTION)

To be considered for award, Bids must be made in accordance with the following requirements:

**Duty to Seek Clarification:** ARRC shall not be held responsible for a Bidder's lack of understanding of what is required by the Invitation to Bid. Should a Bidder not understand any aspect of the Invitation to Bid, or require further explanation or clarification regarding the intent or requirements of the same, it shall be the responsibility of the Bidder to seek clarification from ARRC prior to submitting his or her Bid.

**Terms and Conditions:** Any resulting contract from this Invitation to Bid shall incorporate the general terms and conditions contained in this bid package.

**Contract Documents:** Bidders shall familiarize themselves with the requirements of all of the Contract Documents which include, but are not limited to the "Bidders Instructions & Special Requirements", the Invitation to Bid, Bid and Contract Forms, General Conditions, Special Provisions, Specifications, Drawings, any Addenda issued prior to the receipt of Bids, and any other documents referenced or incorporated therein.

**Examination and Interpretation of Documents:** Each Bidder shall examine the Contract Documents carefully and shall make written requests to ARRC prior to Bid submission for interpretation or correction of any ambiguity, inconsistency, discrepancy, omission, or error therein which the bidder may discover. Any interpretation or correction will be issued in an Addendum by ARRC. Only a written interpretation or correction shall be binding. No Bidder shall rely on any interpretation or correction given by any other method.

**Addenda:** ARRC may modify the Invitation to Bid prior to the date fixed for opening of Bids by issuance of an Addendum to all parties who have been furnished the Bid Package for bidding purposes. Bidders must acknowledge receipt of all Addenda on the Construction Bid Form [Form 395-0121].

**Qualification of Bidders:** Pursuant to ARRC Procurement Rule 1600.3, before a Bid is considered for award, ARRC may request a Bidder to submit information regarding the Bidder's capability in all respects to fully perform the contract requirements or the individual integrity and reliability which will assure good faith performance. Such information shall include the Bidder's prior experience in performing comparable Work, the availability of necessary financing, equipment, facilities, expertise and personnel to perform the Work and whether he or she has ever been terminated or defaulted on construction work.

**Bid Forms:** Bids must be submitted on the forms provided by ARRC, completed in all respects as required by the Bid Forms and other Contract Documents and manually signed by an authorized official of the Bidder. Bidders may make copies of the Bid Forms for submission of Bids.

**Submission of Bids:** Bids must be submitted as directed in the Invitation to Bid prior to the exact time set for opening bids. Late bids will not be considered.

**Modification, Correction, Withdrawal of Bids:** Modification, correction or withdrawal of Bids will be allowed only as provided in ARRC Procurement Rule 1200.8.



**Bid Opening:** Bids will be opened in public at the time set forth in the Invitation to Bid in accordance with ARRC Procurement Rule 1200.6. The contents of the Bids will be open for public inspection after the notice of intent to award a contract is given.

**Evaluation of Bids:** Bids will be evaluated in accordance with the provisions of ARRC Procurement Rule 1200.7. Alternative bids, if called for, are intended to provide ARRC a range of comparative costs which will allow identification of the combinations most responsive to ARRC's need. The order in which the alternatives are listed or set out in the Invitation to Bid should not be taken as any indication as to the order in which ARRC may elect to select the alternatives, if any. Bidders shall submit bid prices for all alternatives stated in the Invitation to Bid and are advised that the order in which the alternatives, if any, are chosen by ARRC, may affect which Bidder is the lowest responsive and responsible Bidder.

**Bid Security:** In accordance with ARRC Procurement Rule 1200.4, all Bids shall be accompanied by bid security in the form of a cashier's check or an acceptable Bid Bond, a form of which is provided herein, in the amount of five percent (5%) of the Bid price.

**Rejection of Bids:** ARRC reserves the right to waive minor defects or informalities in a Bid in accordance with the provisions of ARRC Procurement Rule 1200.8, or to reject any or all Bids in accordance with the provisions of ARRC Procurement Rule 1600.2.

**AGGRIEVED BIDDER/OFFEROR:** An aggrieved bidder/offeror may protest an ARRC procurement action by filing a written protest with the procurement officer in accordance with the procedures and time limits specified in ARRC Procurement Rules 1800.1-1800.11.

**Award of Contract:** Unless the Invitation to Bid is canceled or all bids are rejected, the procurement officer shall award a contract based on the solicited bids with reasonable promptness by written notice to the lowest, responsible and responsive Bidder whose bid conforms in all material respects to the requirements and criteria set out in the Invitation to Bid.

**Execution of Contract:** A written contract must be signed by the Bidder to whom an award is made and returned to ARRC within ten (10) calendar days, together with all required performance and payment bonds, and certificate(s) of insurance in the amounts required by the Invitation to Bid. The Bidder to whom award is made shall not be permitted to occupy the project site until he has first obtained the required insurance and submitted to ARRC proof of such insurance together with a statement certifying that said insurance conforms to requirements set forth in the Invitation to Bid.

**Failure to Execute Contract:** If the Bidder to whom the Contract is awarded refuses or neglects to execute it, or fails to furnish the required bonds and insurance within the time specified, the amount of his bid security may be retained by ARRC as liquidated damages.

**Government Contract Requirements:** If Federal funds will be used to pay for any part of the project described in the Invitation to Bid, any contract awarded hereunder will contain provisions requiring the successful Bidder to comply with all pertinent provisions, agreements, and clauses of the subject federal grant and all pertinent laws, regulations, Presidential directives, and executive orders to the extent they apply to the subject matter of the contract.

**Drug and Alcohol-Free Workplace:** Safety is paramount at ARRC. For that reason, ARRC maintains an alcohol and drug-free workplace and requires that the Contractor do the same. At

all times during the performance of this contract, the Contractor shall have in place a written drug and alcohol program that includes, at a minimum, the following:

- a. a requirement that all applicants present a negative pre-employment drug screen prior to being hired by the Contractor;
- b. a requirement that employees submit to a "reasonable suspicion" drug and/or alcohol test when showing signs and symptoms of drug and/or alcohol influence on duty;
- c. a requirement that employees submit to "reasonable cause/post-accident" drug and alcohol tests following certain accidents or incidents (with the threshold level triggering testing to be determined by the Contractor);
- d. a provision defining a positive alcohol test as one that reveals a breath alcohol level of .02 or greater;
- e. a provision defining a positive drug test as one that reveals concentrations at the levels set forth in 49 C.F.R. § 40.87(b)(screening test) and 49 C.F.R. § 40.87(c)(confirmatory test) or greater;
- f. a provision that outlines the consequences of a positive drug or alcohol test and the consequences of an employee's refusal to submit to drug/alcohol testing; and
- g. a provision that establishes the conditions under which an employee may return to work following a positive drug and/or alcohol test, which at a minimum include an evaluation by a substance abuse professional and compliance with a recommended treatment program.

The Contractor agrees that at any time during the performance of this contract, if an ARRC employee reports to the Contractor that an employee of the Contractor or its subcontractor is showing signs and symptoms of drug/alcohol influence on duty, the Contractor shall remove the employee from ARRC property immediately and shall have the employee tested for drug/alcohol influence. If the employee tests positive, the Contractor shall ensure that the employee is not returned to work on the project until he/she has met the return-to-work requirements contained in the Contractor's written program.

**FRA Drug & Alcohol Testing Compliance:** The Contractor agrees to establish and implement a drug and alcohol testing program that complies with 49 C.F.R. part 219, produce any documentation necessary to establish its compliance with part 219, and permit any authorized representative of the Federal Railroad Administration (FRA), ARRC or its agents, to inspect the facilities and records associated with the implementation of the drug and alcohol testing program as required under 49 C.F.R. part 219 and review the testing process.

The Contractor agrees further to submit the annual Management Information System (MIS) reports required by 49 C.F.R. 219.800 covering the previous calendar year to the FRA before March 15. The Contractor agrees further to include this provision in any subcontracts that involve the performance of Roadway Worker services for ARRC.

All contractors and subcontractors providing **Roadway Worker services** for ARRC will be required to register with Avetta, a third-party verification company that ARRC has engaged to verify and track contractor compliance with 49 C.F.R. Part 219 as well as other contractor

responsibilities. The cost for each contractor to register will vary based on the services provided, and will be paid by the contractor directly to Avetta.

Resources to assist with registration: Avetta <https://www.avetta.com/>  
Avetta team at 800-506-7427.

Part 219 questions: ARRC Compliance Manager at 907-265-2533.

**Offer Acceptance Period:** For the purpose of award, offers made in accordance with this ITB shall be good and firm for a period of sixty (60) days from the date of bid opening.

**Site-Safety Plan Requirement:** Before the contractor or any subcontractor begins any construction related work under this contract including but not limited to mobilization, equipment setup, storage, etc., taking place on sites under Alaska Railroad Corporation (ARRC) control, they will submit a site Health and Safety Plan to ARRC for compatibility acceptance.

The plan must be compatible with ARRC Safety Policies, including On-Track Safety, ARRC on-site employee safety including safety for Project Managers, Construction Managers, Flaggers, Visitors, Safety personnel, Quality Assurance staff, vendors, and the public. The plan must outline procedures for first aid, emergency response, chemical exposures, spills, site sign-in requirements for site-safety briefings, coordination with ARRC dispatch, Section 6.16 (SAFETY AND PROTECTION), Section 6.17 (WORK SAFETY ON RAILROAD PROPERTY), and Section 6.18 (EMERGENCIES), other sections of the contract GENERAL CONDITIONS, Appendix F.

A complete, detailed Site-Safety Plan shall be submitted to the Project Manager at least 10 days prior to commencement of any Work on the Project

**Contractor's Instructions for Submitting Certified Payroll:** This contract includes work on an Alaska Railroad Corporation (ARRC) construction project, which is subject to the wage/certified payroll requirements of the Alaska Department of Labor Workforce Development (DOLWD) and/or it may include work on a federally funded construction project and be subject to U. S. Department of Labor Davis-Bacon Act wage/certified payroll requirements.

As part of the contract the following will be required:

1. All contractors on a construction project funded in whole or in part with federal funds shall pay laborers and mechanics the higher of the two wages listed in this contract from the U. S. Department of Labor ([www.access.gpo.gov/davisbacon/](http://www.access.gpo.gov/davisbacon/) or <http://www.gpo.gov/davisbacon/ak.html>) or from the DOLWD ([www.labor.state.ak.us/lss/home.htm](http://www.labor.state.ak.us/lss/home.htm)). Contractors on an ARRC-funded construction project shall pay laborers and mechanics the appropriate wage established by the DOLWD under the Little Davis Bacon Act.
2. All contractors employing laborers and mechanics on the project for must submit weekly certified payrolls that contain the information listed on the DOLWD Weekly Certified Payroll Form 07-6058, pages 1 and 2. Page 2 is the "Statement of Compliance" and must bear an original signature. The prime contractor is responsible for gathering the certified payrolls from each subcontractor and for submitting them, along with their own, to ARRC.

3. These weekly certified payrolls must be sent to ARRC within seven days after the regular “payday” for that certified payroll at the following address:

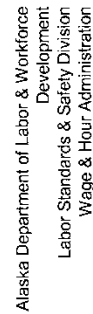
Alaska Railroad Corporation  
Attn: Certified Payroll Clerk  
P.O. Box 107500  
Anchorage, AK 99510-7500  
Email: [certifiedpayrollprocessor@akrr.com](mailto:certifiedpayrollprocessor@akrr.com)

The contractor and its subcontractors are also responsible for filing certified payrolls with DOLWD as required.

4. The certified payroll must be completely filled out by the contractor including, but not limited to:
  - i. **Contractor’s complete name**, including joint ventures, Inc., LLC, etc.
  - ii. **Contractor’s license number**, also called the contractor’s registration number, is required in addition to a business license to do construction work in the state
  - iii. **Employee’s**
    - a. Name
    - b. Address (domicile and mailing)
    - c. Social security number
    - d. Job classification
    - e. Hours worked
    - f. Wages/fringe benefits paid
  - iv. **Contracting agency project number**, which is the ARRC contract/purchase order number and is listed on the DOLWD finalized Notice of Work. This notice also lists the **DOLWD project number, project name, and location**. The prime contractor will supply all of this information to its subcontractors.
  - v. **Week ending date and payroll numbers**. The first week or part of a week of payroll will be designated as payroll number 1 for the first week, 2 for the second week, etc. until the final week worked on the project. If no work is completed during a given week, the contractor must nonetheless submit a certified payroll for that week, with the appropriate consecutive payroll number for that week, and write “No Work Performed” on payroll.
  - vi. The **Statement of Compliance** must be completely filled out indicating how fringe benefits are paid and listing the payroll period. The Statement of Compliance must be signed, dated, and filed within seven days of the payment date of the payroll.
  - vii. **Stamp or write “Confidential”** on the certified payroll to help insure the privacy of contractor employees.

Sample copies of DOLWD certified payroll forms with the “Statement of Compliance is shown in Figures 1 and 2 below.

Failure to timely submit complete and accurately filled out weekly certified payrolls to ARRC may result in the delay of payment on the contract.



Alaska Department of Labor & Workforce  
Development  
Labor Standards & Safety Division  
Wage & Hour Administration

**"CONFIDENTIAL"**

13



## **APPENDIX C – STATEMENT OF SERVICES**

### **Scope of Work**

This project is for slope stability improvements at ARRC Milepost 357.1. Geotechnical investigations suggest the regular slope movement is attributed to a translational slide, exacerbated by precipitation events. Mitigation measures to be completed for this project include:

- Approximately 1200' drainage ditch to be built upslope of tracks, with perforated pipe and ditch liner in bottom.
- Installation of 36" driven steel culvert at terminus of upslope drainage infrastructure
- Installation of small diameter pipe below the 36" pipe that the upslope drainage infrastructure will drain into
- Slip lining of an existing concrete culvert
- Ditching on west side of tracks

The improvements to drainage infrastructure in this area will facilitate moving water down slope and into the Nenana River prior to infiltration into the slide mass.

The work site is accessible by an unimproved trail from the Healy Yard. Light clearing and trail improvements are expected as part of this project for Contractor access.

Work shall be planned so as to minimize track outages. Train traffic is unpredictable but expected natural work windows are as follows:

- Outside Passenger Season- roughly 10/1 – 4/12 dependent on weather conditions
  - 0600-1800 daily: expect one train/day, expect a 6-hour window daily.
  - 1800-0600 daily: expect one train/day, expect a 6-hour window nightly.
  - 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.
- During Passenger Season – roughly 4/12 – 10/1 dependent on weather conditions
  - 0830-2200: several trains per day, expect a 2-hour window at some point daily.
  - 2200-0830: possibility of passenger delays and unscheduled freight, however, typically can expect a 6 to 8 hour window nightly.

Any requests for larger windows that are not provided for by the usual train schedule must be submitted at least 30 days prior to the requested date of the outage. Contractor is to note that any work window requests affecting passenger trains will likely be denied. 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 – windows are not always for the exclusive use of the contractor.

Following schedule approval, ARRC will set up an internal or contracted flagger to provide track protection for the duration of the project. Contractor is to note that flaggers are not allowed to work more than 60 hours in a week, nor are they permitted to work more than

six (6) days out of seven (7). Contractor requests for longer shifts or more flaggers will be evaluated on a case-by-case basis and are subject to approval by the Project Manager and the Maintenance-of-Way department at the railroad.

Contractor is to bid the work as if ARRC equipment will not be available. Contractor is to provide any and all on-track equipment necessary to complete the scope of this project. All operation of on-track equipment shall be performed by individuals in accordance with 49 CFR Part 214, Subpart D- On-Track roadway maintenance machines and hi-rail vehicles. Operation of on-track equipment shall only be by a trained Roadway Maintenance machines operator. Equipment submittals and operator basis qualifications must be submitted to and approved by ARRC.



## **APPENDIX D – GENERAL CONDITIONS** (CONSTRUCTION)

The General Terms and Conditions to be used for this project will be as follows:

The March 2025 edition of the ARRC Standard Specifications for Construction referenced as the 2025 ARRC SSC (Orange Book). The aforementioned reference manual can be found at:

<https://www.alaskarailroad.com/corporate/procurement/forms-and-resources>

## **APPENDIX E – SPECIAL PROVISIONS**

Unless noted otherwise herein, the 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 aforementioned reference manual can be found at:

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

### **SECTION 201 CLEARING AND GRUBBING**

#### **201-3.01 GENERAL. Add the following:**

Do not perform mechanized vegetation clearing between May 1 and July 15.

### **SECTION 603 CULVERTS AND STORMDRAINS**

Add the following Subsection 603-3.04 Liner for Storm Drain:

#### **603-3.04 LINER FOR STORM DRAIN.**

Use the slip-lining method. The Contractor shall provide a slip-lining supervisor with experience on at least five successful pipe slip-liners within the past 5 years.

1. Pre-Construction Submittals. Now work shall be performed until the submittals required for this Subsection and all other Sections related to the installation of the liner have been approved by the Contract Manager. Submit to the Contract Manager, for review and approval, the following:
  - a. Work Plan. Prepare a work plan and submit to the Contract Manager for approval at least ten days before beginning the work. Include the following in the work plan:
    - i. Provide the name of the slip-lining supervisor to be present during installation and documented experience.
    - ii. Identify and provide all materials, specifications and submittals.
    - iii. If design loads are specified, submit design calculations for the proposed grout mix design to meet the specified loads.
    - iv. Provide and submit pipe manufacturer's recommendations for grout mix to be used.
    - v. Identify and provide all materials, specifications, and submittals for all additives required to be included in the grout to meet the design load and grout curing time criteria.
    - vi. Provide a detailed plan on how the Liner for Storm Drain will be centralized within the existing culvert to prevent vertical and lateral movement during grouting.

- vii. Provide grouting procedures to fill the annular void with grout materials, including grout injection locations, number, diameter and length of grouting tubes and venting.
- viii. Detail quality control plans to ensure work is performed to meet the contract requirements ensuring that the annular space is completely filled.

### Construction Requirements.

Prepare the existing culvert to receive the Liner. Ensure the existing culvert is clear of all debris and deposits larger than a 1-in diameter. Thoroughly inspect the culvert to determine the smallest diameter. Structural deterioration or deformation may have reduced the original diameter. Confirm the 36-in diameter HDPE liner will fit within the existing host pipe and meet a minimum annular spacing of at least 2-in and nominally 4-in.

Develop a working area within the area allowed by project APE. Construct temporary embankment slopes as necessary to develop an adequate working area. Steep terrain may require partial excavation and creation of a temporary working pad to provide sufficient area for proper liner alignment and insertion.

Install the liner following all manufacturer recommendations. Inspect the completed lining for any damage or faulty joints. Damaged lining shall be repaired or reinstalled as directed and all joints securely connected.

Construct a grouting seal at both ends of the culvert capable of withstanding the grouting pressure. Install grout ports and vent tubes at sufficient locations to ensure full grouting of the annular space. The Liner for Storm Drain may not extend more than necessary for the constructing the grouting seal

Completely fill the annular space between the liner and the existing culvert with grout. Do not exceed the allowable grout pressure of the liner during the grouting process. Do not install grout if ambient air temperature is anticipated to be below 40°F during the placement or curing of the grout. Protect grout from freezing for a minimum of 48 hours after placement. The Contract Manager will take samples of the grout mix as necessary.

Prevent flotation of the liner during the grouting process. Follow manufacturer recommendations to prevent flotation along all segments of the liner, including the central region of the culvert.

Place grout in the bottom of the existing manhole to match the new invert of the liner pipe and grade the surface for positive drainage.

Add the following Subsection 603-3.05 Culvert Host Pipe Cleaning and Repair:

### **603-3.05 CULVERT HOST PIPE CLEANING AND REPAIR.**

Culvert host pipe cleaning and repair includes excavation of material, removal of obstructions, patching of culvert, and fill material placement to support liner install. Patch any holes in pipe caused by the cleaning and obstruction removal process. Patch culvert with a material that will seal the culvert and allow the pressure grouting process to occur with minimal loss. All material larger than a 1-in diameter must be cleared from the pipe.

### **603-4.01 METHOD OF MEASUREMENT.** Add the following:

- 5. Liner for Storm Drain. The number of units lined for the length of liner completed in-place and accepted.

**603-5.01 BASIS OF PAYMENT.** Delete the second paragraph in its entirety and substitute the following:

Provision of a slip-lining supervisor; any excavation, bedding and backfill, or pipe infill necessary to complete this Work are subsidiary to this Pay Item.

Driven Pipe 24 Inch. Payment shall include furnishing all the materials and performing the work specified in Section 691 including bore casing materials and installation with either auger boring or pipe ramming, temporary work pad construction and removal including material cost, weir installation, bore casing exterior grout, and other work associated with constructing the pipe complete as shown on the drawings.

Add the following pay items:

PAY ITEM		
Item Number	Item Description	Unit
603.0023.1	Smooth Steel Pipe, 8"ø x 0.250"t	LF
603.0023.2	Smooth Steel Pipe, 36"ø x 0.500"t	LF
603.0024	Cleaning and Repair Pipe	Each
603.0025	Liner for Storm Drain, 36"ø	LF
603.0026.1	Driven Pipe, 8"ø	LF
603.0026.2	Driven Pipe, 36"ø	LF

## **SECTION 610 DITCH LINING**

**610-2.01 MATERIALS.** Replace with the following.

Pond Liner      60mil Butyl Rubber, 45mil Reinforced Polypropylene (RPP), 30mil Reinforced Polyethylene (RPE), or approved equal.

**610-3.01 CONSTRUCTION REQUIREMENTS.** Replace with the following:

Excavate to the dimensions shown on the Plans. Place and spread pond liner to meet the construction requirements of Section 631 for erosion control geotextile, but do not use securing pins on edges within the bottom 2.5 feet of the trench section. Follow the manufacturer's recommendations for minimum sheet overlap and watertight joining.

**610-4.01 METHOD OF MEASUREMENT.** Replace with the following:

See Section 109 and as follows:

1. Square Yard. By multiplying plan neat line width by the measured length in final position parallel to the installation centerline along the ground surface. No allowance will be made for geotextile in key trenches or for overlap, whether at joints or patches.

**203-5.01 BASIS OF PAYMENT.** Add the following:

Payment under item 203.0005. \_\_\_\_\_. will be made at the contract unit price per square yard. Material used to fill ruts and holes will be paid for under separate materials pay items at the unit price for the type of material used.

PAY ITEM		
Item Number	Item Description	Unit
610.0005	Ditch Lining	Square Yard

## **SECTION 611 RIPRAP**

### **611-2.01 MATERIALS.** Add the following after the first paragraph.

Meet the minimum apparent specification gravity requirements shown on the Plans as determined by WAQTC FOP for AASHTO T 85.

## **SECTION 642 CONSTRUCTION SURVEYING AND MONUMENTS**

### **642-3.01 GENERAL.** Delete the fifth paragraph and substitute the following:

Follow the Alaska Department of Transportation and Public Facilities' Alaska Construction Surveying Requirements (US Customary Units), or if GPS survey is approved by the Contract Manager, use the Alaska Survey Manual, GPS Surveys 2010 (rev. 8/15/10).

#### Add the following bullet:

11. Stake all environmental permit boundaries, including but not limited to U.S. Army Corps of Engineers permit boundaries and temporary work zone boundaries, with green colored stakes. Stake according to the permit and frequently enough that you can construct the project without risk of violating the permit conditions, but in no case set stakes further apart than 200 feet or as deemed necessary by the Contract Manager.

### **642-3.02 CROSS-SECTION SURVEYS.** Add the following to the first paragraph:

or the Alaska Survey Manual GPS Surveys 2010 (rev. 8/15/10).

#### Delete numbered paragraph 4 of the second paragraph in its entirety and substitute the following:

Department's Construction Surveying Requirements or the Alaska Survey Manual GPS Surveys 2010 (rev. 8/15/10).

### **642-4.01 BASIS OF PAYMENT.** Add the following:

All costs incurred by the Contractor to stake environmental permit boundaries will not be measured for payment and will be considered subsidiary to other items of the Work.

## **SECTION 646 CPM SCHEDULING**

### **646-1.01 DESCRIPTION.** Add the following:

Provide to the Contract Manager a legal copy of the software program to be utilized for the CPM Schedule item on the project when the native file cannot be opened in Microsoft Project (.mpp). The software program shall have the full capacity to analyze and modify the CPM Schedule.

### **646-2.01 SUBMITTAL OF SCHEDULE.** Replace the last sentence of the last paragraph with:

The CPM schedule must be finalized and accepted before beginning construction work or within 15-days of the Notice to Proceed date.

### **646-3.01 REQUIREMENTS AND USE OF SCHEDULE.** Replace bulled paragraph 2. With the following:

2. Schedule Updates. The CPMS shall be updated every week during construction.

The Contractor has the right to change its plan for execution of the Contract during the course of construction. However, changes to the Contractor's plan potentially affect other parties. The Contractor shall notify the Owner as soon as practicable for any CPMS revisions.

Hold job site progress meetings during construction on a frequency satisfactory to the Contract Manager, but no less than every week, for the purpose of updating the CPMS. Review progress and verify finish dates of completed activities, remaining duration of uncompleted activities, and any proposed logic and/or time estimate revisions. Approved Change Orders, and the resultant changes in the CPMS to perform the Work, will be incorporated into each update.

Submit a revised CPMS, within five (5) working days after the site progress meeting, showing the finish dates of completed activities and updated times for the remaining work, including any addition, deletion, or revision of activities required by Contract modification.

Provide an updated CPM schedule when the critical path on the CPM schedule has changed by seven (7) or more days.

Add the following Section 691 Trenchless Pipe:

## **SECTION 691 TRENCHLESS PIPE**

### **691-1.01 DESCRIPTION.**

Where indicated on the drawings, perform auger boring or pipe ramming to install a new steel casing, complete in place. The contractor shall furnish the casing materials, labor, remaining materials, and equipment for completing the work including temporary work pad and receiving area construction, casing installation, and steel weir construction. This Section defines in general terms the work to be completed. The Contractor shall have sole responsibility for the means and methods utilized to install the casing to the line and grade shown on the Drawings and to prevent settlement, all within the tolerances specified herein and subject to review by the Contract Manager.

### **691-2.01 MATERIALS.**

Steel Casing Section 692

### **691-3.01 AUGER BORING.**

#### **1. Definitions**

- a. Auger Boring: A trenchless technique which involves installing a pipe by jacking it into place. Excavation is carried out within the jacked pipe using auger flights to transport the spoils to the launch shaft. The jacking pipe is advanced using hydraulic jacks located in the launch shaft.
- b. Launch area: A work pad from which trenchless technology equipment is advanced.
- c. Obstruction: Any object or feature which stops the forward progress of the bore.
- d. Receiving area: A work area into which trenchless technology equipment is advanced and recovered following the installation of the casing.
- e. Product Pipe: Pipe that is inserted inside the casing pipe at the completion of the bore. The product pipe carries the product such as sanitary sewer, potable water, storm water, etc.

#### **2. Related Work**

- a. Steel Casing Pipe Section 692

#### **3. Quality Assurance**

- a. The surveyor responsible for line and grade control shall be a Licensed Surveyor registered in the State of Alaska who has prior experience with similar projects.

#### **4. Qualifications**

- a. Auger Boring Contractor and/or Superintendent.
  - i. Has successful past experience and competence in performing at least three (3) auger boring projects in the last seven (7) years in similar soils and groundwater conditions to this contract.

- ii. Three projects in which 36-inch or greater diameter pipe were installed by auger boring at a minimum of 100 feet.
  - b. Auger Bore Operator.
    - i. Minimum three years' experience in setup and operation of Auger Boring equipment.
    - ii. Minimum five projects completed using Auger boring equipment to install casings a minimum of 36-inch inside diameter.
    - iii. Of the five projects, three projects shall include installed lengths of 100 feet or greater.
  - c. Welder.
    - i. Skilled welders, welding operators, and tackers who have a minimum one-year experience in the methods and type of materials to be used.
    - ii. Qualified under the provisions of AWS D1.1 by an independent local approved testing agency not more than six months prior to commencing work.
- 5. Submittals. All submittals requiring structural design shall be signed by a professional civil or structural engineer registered in the State of Alaska. The submittals shall include the following:
  - a. Work Plan. The Contractor shall submit a Work Plan which includes the details of the casing installation as well as the sequence of operations that will be utilized during all phases of construction. The work plan shall also include the following:
    - i. A detailed description of the equipment and procedures to be employed during auger boring operations. Provide manufacturer's literature describing in detail the pipe jacking system to be used. Describe method and capabilities for controlling ground conditions at the tunnel heading and preventing loss of ground. Provide calculations showing the estimated jacking force required to complete the installation, including details on the estimation method used to calculate jacking forces.
    - ii. Excavation procedures including details of auger flights, safety systems, and face support capabilities. Include details of provisions for supporting the face during auger boring and when auger boring operations are interrupted.
    - iii. A description of the water level, laser and steering systems. Confirm that these systems can achieve the required pipeline line and grade within the specified tolerances.
    - iv. Shop drawings for all equipment, equipment setup areas, and staging areas in addition to launch and receiving shafts and casing alignment.
    - v. Thrust block and jacking frame design and details, including reaction transfer calculations.
    - vi. Details of the pipe lubrication system and description of pipe lubricants to be used during pipe jacking, including manufacture's literature and Material Safety Data Sheets.



- vii. A spoils removal plan which includes the location and sequence of disposal.
  - viii. Dewatering procedures and groundwater control details during trenchless operations.
  - ix. Material specifications and shop drawings of casing showing the pipe wall thickness, steel grade, and the maximum allowable axial force. A pipe certification of compliance shall be submitted.
  - x. Calculations demonstrating that the pipe selected has been designed to support the maximum anticipated earth loads and superimposed live loads, both static and dynamic, which may be imposed on the pipe including installation loads due to the auger boring activities.
  - xi. Weir Installation, including welding procedure
- b. Work Schedule. A detailed and legible schedule of work which shall include, but not be limited to:
- i. Mobilization
  - ii. Site preparation
  - iii. Auger Boring
  - iv. Grouting
- c. Contingency Plan. The Contractor shall submit a proposed contingency plan for potential problems that may arise during auger boring operations. The contingency plan shall address the observations that would indicate a problem as well as the remediation methods to address it. The plan shall include the following scenarios:
- i. Obstruction encountered that is removable through the casing.
  - ii. Utility strike.
  - iii. Deviation from planned casing alignment that exceeds specified allowable limits.
  - iv. Settlement in excess of provided tolerances.
  - v. Jacking forces in excess of estimated maximums.
- d. Daily Submittals. The following information shall be recorded during auger boring operations and submitted to the Owner on a daily basis. Information shall be submitted within 2 hours of completion of the daily events or shift change, whichever is more frequent.
- i. Field drawings for recording as-built conditions. The drawings shall be marked with all field information and shall be properly dated. This set of drawings shall be kept up to date.
  - ii. Log of the auger boring operations. At a minimum, the log shall consist of the following:

1. The date, and the starting and finishing time of the work.
  2. Thrust force, torque, and rate of advance.
  3. Pipe lubricant used (in gallons) and pumping pressure.
  4. Any problems encountered.
  5. Line and grade deviations.
- e. No work, including the setup of traffic controls for the launch or receiving shafts, shall be performed until the submittals required for this Section and all other sections related to the installation of casing and pipe through the casing have been accepted by the Contract Manager.

6. Tolerance

- a. Tolerance applies at the reception ends of the Casing as measured from the launch pad. Allowable tolerance at any station along each Auger Bore shall be the total tolerance allowed for that Auger Bore divided by the length of the same Auger Bore.
- b. The maximum allowable tolerance in the horizontal or vertical direction is 1% (one percent) deviation from the horizontal and vertical design alignment shown on the drawings.
- c. The contractor shall confirm the accuracy after 20 feet of casing is installed. The maximum allowable tolerance in the horizontal or vertical direction shall be 0.5% deviation from the horizontal and vertical design alignment shown on the drawings at this location. If the casing is not within the aforementioned tolerances the casing shall be removed and reinstalled at the design grades in the contract at no cost to the Owner.

7. Safety

- a. The Contractor shall submit a detailed safety plan in accordance with OSHA standards.

8. Equipment

- a. The Contractor shall use auger boring equipment specifically designed for excavating, transporting, and separating the soil materials which could routinely be encountered or expected along the alignment of the proposed pipeline. Equipment shall:
  - i. Be designed to sustain any ground loads which may be imposed upon it as well as any loads imposed by the thrust jacks and steering mechanisms.
  - ii. Minimize the loss of ground ahead of and around the excavated face.
  - iii. Limit overcut of the cutting shoe to less than 1/2-inch larger on radius than the outside of the jacked casing.
  - iv. Be capable of continuously monitoring the jacking pressure, the rate of advancement, and the distance jacked. Develop the jacking system with a uniform distribution of jacking forces on the end of the casing.

- v. Provide a pipe lubrication injection system to inject lubricants around the outside of the casing as required to decrease jacking forces. Provide a suitable pressure gage on the lubrication supply line

## 9. General Requirements

- a. The Contractor shall not begin auger boring until the following conditions have been met:
  - i. Required submittals have been made and the Contract Manager has reviewed and accepted them.
  - ii. Work pad construction has been completed.
- b. The Contractor shall install casing between the limits indicated on the Drawings to the specified lines and grades. Utilize methods that include due regard for safety of workers, adjacent structures and improvements, utilities, and the public. Locate launch and receiving shafts generally as identified on the Drawings unless proposed otherwise in the Work Plan accepted by the Contract Manager.
- c. The Contractor shall perform all work in accordance with the requirements of OSHA.
- d. The Contractor shall furnish all necessary equipment, power, water, and utilities for excavation, pipe jacking, lubrication mixing and pumping, removal and disposal of spoils, grouting, and other associated work consistent with the methods of construction.
- e. The Contractor shall conduct all operations such that trucks and other vehicles minimize dust or noise nuisance in the streets and adjacent properties.
- f. The Contractor shall promptly clean up, remove, and dispose of any spoils or spillage in accordance with the spoils removal plan.
- g. The Contractor shall perform all work so as not to disturb adjacent structures, roadways, or existing utilities. Immediately repair any damage to the satisfaction of the agency or utility having jurisdiction.

## 10. Installation

- a. The Contractor shall submit to the Owner copies of field notes used to establish all lines and grades. The Contractor remains fully responsible for the accuracy of the installation.
- b. During auger boring, the Contractor shall verify line and grade on a minimum of 20-foot intervals, or as directed by the Owner.
- c. If the casing installation exceeds the specified tolerances, the Contractor is responsible for correcting the installation. All corrective work shall be performed as described in the accepted Contingency Plan at no additional cost to the Owner.
- d. The Contractor shall use augers that are appropriately sized to the casing. Augers that are more than one standard pipe diameter size smaller than the casing will not be allowed. Augers shall remain within the casing pipe throughout excavation, maintaining a soil plug within the casing at all times. Advancing the augers in front of the casing will not be allowed.

- e. The Contractor shall jack casing into place without damaging the casing. In the event a casing section is damaged during the jacking operation, repair the casing, subject to approval by the Contract Manager.
- f. The Contractor shall provide groundwater control as required for proper execution of the Work.
- g. The Contractor shall transport and dispose of all spoils properly. No stockpiling shall be permitted at the launch shaft sites. Only use the disposal sites identified in accepted submittals.
- h. Obstruction removal is subject to the following requirements:
  - i. Notify the Contract Manager immediately upon encountering an obstruction.
  - ii. Upon written authorization by the Owner, proceed with removal of the obstruction in accordance with the Contractor's submitted obstruction removal plan.
  - iii. The Contractor shall take all necessary steps to remove any obstruction or otherwise make it possible to continue boring operations.
  - iv. All obstructions less than 1/2 the outer diameter of the pipe casing in the minimum dimension are the responsibility of the Contractor and will not be considered for additional payment.
  - v. Only obstructions larger than 1/2 the outer diameter of the pipe casing in the minimum dimension will be considered obstructions subject to this section.
  - vi. The Contractor must produce the obstruction and allow visual observation by the Owner to be considered an obstruction subject to this section.
- i. In the event the Contractor encounters a problem during the Work and the situation is not covered by the Contractor's Contingency Plan, the Contractor shall propose alternative solutions for Owner's acceptance.
- j. All void space between the soil and the auger bored casing shall be grouted immediately upon completion of the auger bore.
- k. Weir installation shall be completed lastly after approval of the grade from the engineer. The Engineer will direct the contractor how wide the crest of the weir shall be.

#### 11. Instrumentation and Monitoring

- a. All crossing utilities and all utilities located horizontally within 5 feet of the exterior of the casing shall be positively located prior to construction. Where positive location cannot be performed at the crossing location without obtaining additional permits (other than encroachment permits), positive location shall be accomplished at the nearest two locations where it can be performed without acquiring additional permits (other than encroachment permits). For utilities crossing the proposed alignment, the two locations shall be on either side of the alignment. For utilities parallel to the proposed alignment, the two locations shall be up-station and down-station of the proposed alignment.
- b. Settlement utility points shall consist of a measurement rod installed within a casing placed on the top surface of the utility being monitored. The rod shall rest firmly on the utility and shall be centered in the annular space of the casing using centralizers.

- c. Settlement utility points shall be surveyed according to the Drawings.
- d. Settlement utility points shall be removed once trenchless activity beneath the active point has been complete for at least four weeks. Remove and dispose of rods and casings to a depth of at least three feet below the final ground surface. Backfill holes to be even with the surrounding surfaces.

## 12. Construction Reports

- a. Submit Daily Records by noon on the day following the shift for which the data or records were taken. At a minimum, log the following:
  - i. Date starting and finishing time of the shift.
  - ii. Auger identification.
  - iii. Installed Casing Section: number, Casing Section length, and ram length.
  - iv. Time required to install each Casing Section not including welding.
  - v. Inclination, operating pressure, and rate of advance.
  - vi. Record pressure, volume, and location of lubrication pumped.
  - vii. Problems encountered.
  - viii. Water encountered.
  - ix. Durations of each separate activity and reason(s) for downtime.
  - x. Fit up time, welders, and welding time for each Casing Section.
  - xi. Survey check of the Casing Section prior to each launch.
  - xii. Soil characterization and quantities:
    - 1. Quantities removed and associated stationing.
    - 2. Method of removal.
    - 3. Description of soil (boulders, cobbles, gravel, sand, silt, clay, wood).
    - 4. Volume of lubricant used (in gallons), pumping pressure, and viscosity.
  - xiii. Any problems encountered, corrective measures employed, and results.
  - xiv. Duration and reason for downtime.

## 13. As-builts

- a. Survey and submit within 3 days of completed auger bore being completed.
- b. Survey accuracy shall be 0.01 feet, and measurements shall be surveyed every 20 feet and shall be taken at the Casing invert.

## 691-3.02 PIPE RAMMING

### 1. Definitions

- a. Pipe Ram. A trenchless construction technique that involves ramming an open-ended steel casing pipe using a percussive hammer from a Launch Pit. Soils enter into the Casing during ramming and are displaced by the wall thickness of the Casing and the Cutting Shoe.
- b. Casing. Steel pipe installed by pipe ramming.
- c. Cutting Shoe. Thickened steel section attached to the leading Casing Section. The cutting shoe is designed for the project specific soil conditions increases the strength of the leading edge of the Pipe Ram. Bits can be incorporated into the shoe to displace, break, or pulverize soil and rock particles.
- d. Launch Area. The work area which trenchless technology equipment and Casing are launched.
- e. Support Rails. Rails installed in the launch pit that are used to support and align the hammer and the casing along the proposed bore path.
- f. Lost Ground:
  - i. Loss or removal of material in excess of that replaced by the Casing including ground that runs, flows, pipes with groundwater inflows, and ravels creating voids of softened or loosened ground outside of the tunnel.
  - ii. Volume change associated with stress change and convergence.
- c. Overcut. Annular space between the excavated hole resulting from the external cutting shoe thickness and the outside diameter of the Casing.
- d. Allowable Capacity. Due to pipe ramming, 90 percent of the Casing or Cutting Shoe yield stress ( $0.90 \cdot F_y$ ), whichever is less.

### 1. Related Work

- a. Steel Casing Section 692

### 2. Quality Assurance

- a. The surveyor responsible for line and grade control shall be a Licensed Surveyor registered in the State of Alaska who has prior experience with similar projects.

### 3. Qualifications

- a. Pipe Driving Contractor and/or Superintendent.
  - i. Has successful past experience and competence in performing at least three (3) pipe ramming projects in the last seven (7) years in similar soils and groundwater conditions to this contract.

- ii. Three projects in which 36-inches or greater diameter pipe was installed by pipe ramming at a minimum of 100 feet.

b. Pipe Ram Operator.

- i. Minimum three years' experience in setup and operation of Pipe Ram equipment.
- ii. Minimum five projects completed using Pipe Ram equipment to install casings a minimum of 36-inch inside diameter.
- iii. Of the five projects, three projects shall include installed lengths of 100 feet or greater.

c. Welder.

- i. Skilled welders, welding operators, and tackers who have a minimum one-year experience in the methods and type of materials to be used.
- ii. Qualified under the provisions of AWS D1.1 by an independent local approved testing agency not more than six months prior to commencing work.

4. Design Criteria

a. Cutting Shoe:

- i. Designed for the Site Conditions.
- ii. Shall have a full circumferential inner and outer band.
- iii. Shall be beveled to provide relief of the soil toward the inside of the Casing.
- iv. Shall be outfitted with bullet bits or other Tungsten Carbide Insert (TCI) bits at the lead edge of the cutting shoe. Minimum of 20 TCI bits incorporated into the cutting shoe.
- v. A cutting shoe with a reduced stiffness in the lower third of the pipe circumference will not be allowed.
- vi. Limit ramming stresses to the Allowable Capacity, fit-up and welding requirements, and steel criteria with consideration of the Site Conditions.
- vii. Ratio of Cutting Shoe diameter to Cutting Shoe wall thickness shall not exceed  $3300/F_y$  (where  $F_y$  is yield stress of Cutting Shoe steel in ksi).

- b. Casing, foundation, and Hammer Cradles, and Launch Support Rails shall be designed to firmly support the Casing and hammer at the design line and grade within the Launch Pit for the entire Pipe Ram and maintain the Casing and ramming equipment in the proper alignment during ramming operations.

- c. Casing: Casing not installed within the specified tolerances and the requirements of the design line and grade indicated will not be acceptable.

5. Submittals. All submittals requiring structural design shall be signed by a professional civil or structural engineer registered in the State of Alaska. The submittals shall include the following:

- a. Work Plan. The Contractor shall submit a Work Plan which includes the details of the casing installation as well as the sequence of operations that will be utilized during all phases of construction. The work plan shall also include the following:
- i. Detailed description of the equipment, layout and components on the surface and in the pit, and procedures to be employed during the Pipe Ram operations to achieve the indicated line and grade.
  - ii. Details of the Casing installation. Include the following:
  - iii. Starting elevation and slope of the Pipe Ram and the Support Rails.
  - iv. Identify for each Casing Section timing of casing pipe stull installation and removal.
  - v. Operations when survey will be performed and associated location.
  - vi. Fit-up to the previously rammed Casing Section with the new Casing Section to ensure proper alignment of rammed Casing without deviation of the planned grade. Include quality control procedures and survey checks.
  - vii. Describe sequence of operations.
  - viii. Line and Grade Tolerances:
    - 1. Provide setup plan and equipment to complete the work within the tolerances required.
    - 2. Identify the configuration and foundation for the Pipe Ram setup.
  - ix. Explain the procedure to be implemented to ensure that the Casing Section to be mated and driven meets the requirements to meet the line and grade indicated In the Drawings.
  - x. Describe method and capabilities of controlling Lost Ground and minimizing settlement and heave at the heading of the Pipe Ram during launch, during the Pipe Ram, and during reception.
- b. Calculations.
- i. For calculations, assume a soil plug the full length of the pipe ram.
  - ii. Demonstrate that the proposed hammer size and energy exceeds the calculated required minimums:
    - 1. To complete the last foot of each Pipe Ram installation.
    - 2. Account for startup loads resulting from the longest wait time between advancement of Casing Sections.
    - 3. Demonstrate that the estimated ramming stresses resulting from the Pipe Ram do not exceed the Allowable Capacity of the Casing and the Cutting Shoe. Provide all assumptions.



- c. Cutting Shoe. Provide the basis for the design, thickness and bit configuration of the Cutting Shoe and describe why it is appropriate for the Site Conditions for the Pipe Ram.
- d. Shop drawings. Provide all shop drawings for equipment, equipment layout, staging areas, Launch Pit, and Reception Pit. Detail dimensions and locations of equipment and procedures for:
  - i. Show overall work area boundaries.
  - ii. Location of power and compressor units.
  - iii. Equipment setup and staging areas.
  - iv. Launch and Receiving Pits including support equipment for the method of soil removal.
  - v. Casing staging area.
  - vi. Details of the Casing, Launch Pit foundation and hammer cradles and a layout drawing detailing their location within the Launch Pit.
  - vii. Layout equipment at the pit location for Pipe Ram.
  - viii. Configuration of both the inner and outer Cutting Shoe.
  - ix. Grade and alignment control procedures, details, and equipment.
- e. Lubrication system.
  - i. Description of pipe lubricants to be used and their locations used during the work. Include manufacturer's literature and Material Safety Data Sheets (MSDS).
  - ii. Consider the Site Conditions and operations scheduling in the lubrication plan.
- f. Spoils removal plan.
  - i. Procedures and equipment required to remove spoils from rammed Casing.
  - ii. Planned locations or conditions of soil removal from Casing.
- g. Material specifications, calculations and shop drawings of Casing per Section 692 integrated with the requirements of this Section.
- h. For the procedure and design employed, estimate separately for total length of Casing:
  - i. Amount of time for actual Pipe Ram use.
  - ii. Amount of time of fit-up, quality control checks, and welding.
- i. Overcut.
  - i. Compatible with Site Conditions, settlement criteria, stiffness characteristics of Casing and joint system at the designed maximum ramming loads.

- ii. Explain how the Overcut amount has been selected and why it is appropriate for the Site Conditions for the Pipe Ram.
  - j. Handling of water. describe procedures, equipment, and materials to be used to control groundwater during the Pipe Ram.
  - k. Identify staff responsible for Quality Control Plan for Pipe Ram operations.
6. Tolerance.
- a. Tolerance applies at the reception ends of the rammed Casing as measured from the launch pad. Allowable tolerance at any station along each Pipe Ram shall be the total tolerance allowed for that Pipe Ram divided by the length of the same Pipe Ram.
  - b. The maximum allowable tolerance in the horizontal or vertical direction is a 1% (one percent) deviation from the horizontal and vertical design alignment shown on the drawings.
  - c. The contractor shall confirm the accuracy after 20 feet of casing is installed. The maximum allowable tolerance in the horizontal or vertical direction shall be 0.5% deviation from the horizontal and vertical design alignment shown on the drawings at this location. The following table outlines the allowable elevations and offsets after 20 feet of casing has been installed. If the casing is not within the following tolerances the casing shall be removed and reinstalled at the design grades in the contract at no cost to the Owner.
7. Equipment.
- a. Determine and be solely responsible for the selected Pipe Ram equipment and methods to ensure that the indicated line and grade are met within the indicated Constraints, Work Sequence, and other indicated requirements. Provide details of the system.
  - b. Equipment will be appropriate and sized according to the manufacturer's recommendations, Casing size, type and length, Site Conditions, and the Contractor's experience and knowledge of ramming in soils similar to the Site Conditions.
  - c. Provide details of the Pipe Ram equipment complete with hammer capacity, hammer energy, hammer diameter, pipe adapters, frames and manufacturer's literature.
  - d. Use Pipe Ram equipment specifically designed for ramming the Casing through the soil materials identified in the Site Conditions along the alignment.
  - e. Identify required air flow by the manufacturer of the hammer for maximum force from the hammer. Compressors used to power pneumatic Pipe Ram hammers shall have sufficient capacity to deliver the air pressure to develop the full hammer energy and force as rated by the manufacturer. Hydraulic hammers will be capable of achieving rated hammer energy.
  - f. Use hammer connection adapters that maximize the energy transfer between the hammer and the Casing.
  - g. Cutting Shoe: Compatible with Site Conditions, stiffness characteristics of Casing and joint system at the designed maximum ramming loads.
  - h. Operate Pipe Ram hammer and advance Steel Casing a manner that will prevent Lost Ground.
  - i. Casing lubrication injection system capable of injecting lubricants around the Casing as required to decrease ramming forces, including start-up ramming forces. Include a suitable

pressure gage on the lubrication supply line. Lubrication lines must be installed prior to beginning advancement of each pipe section such that the lubrication lines are capable of introducing lubricant within 20 feet of the cutting shoe.

8. General Requirements.

- a. The Contractor shall not begin pipe ramming until the following conditions have been met:
  - i. Required submittals have been made and the Engineer has reviewed and accepted them.
  - ii. Launch and receiving shaft excavation has been completed and supported.
  - iii. Groundwater levels are beneath the bottom of casing invert.
- b. The Contractor shall install casing between the limits indicated on the Drawings to the specified lines and grades. Utilize methods that include due regard for safety of workers, adjacent structures and improvements, utilities, and the public. Locate launch and receiving areas as identified on the Drawings unless proposed otherwise in the Work Plan accepted by the Engineer.
- c. The Contractor shall perform all work in accordance with the requirements of OSHA.
- d. The Contractor shall furnish all necessary equipment, power, water, and utilities for excavation, pipe ramming, lubrication mixing and pumping, removal and disposal of spoils, grouting, and other associated work consistent with the methods of construction.
- e. The Contractor shall conduct all operations such that trucks and other vehicles minimize dust or noise nuisance in the streets and adjacent properties.
- f. The Contractor shall promptly clean up, remove, and dispose of any spoils or spillage in accordance with the spoil's removal plan.
- g. The Contractor shall perform all work so as not to disturb adjacent structures, roadways, or existing utilities. Immediately repair any damage to the satisfaction of the agency or utility having jurisdiction.

9. Installation.

- a. The Contractor shall submit to the Contract Manager copies of field notes used to establish all lines and grades. The Contractor remains fully responsible for the accuracy of the installation.
- b. Notify Contract Manager 24 hours prior to the start of active Pipe Ram operations.
- c. Install appropriate foundation for the equipment and Casing to enable the line and grade alignment to be met throughout entire length of the Pipe Ram.
- d. Bearing of the hammer shall be directly supported with a Hammer Cradle and not with an excavator or equivalent. If not parallel, stop Pipe Ram and properly align the hammer to direct force directly into the Casing.
- e. Launch angle and elevation of the Casing to be rammed shall be solely determined by the Contractor to meet the line and grade indicated.

- f. Install Casing between the limits indicated to the required line and grade and tolerance indicated.
- g. After a Casing Section has been rammed into the ground and prior to ramming of next Casing Section after it is installed in the Launch Pit, provide quality control checks including survey to ensure the fit-up and intended slope is as required to meet the indicated line and grade. Submit survey to the Project Representative when requested.
- h. Energy transfer.
  - i. Provide maximum energy transfer to advance the Casing without over-stressing and damaging the Casing.
  - ii. Adjust the hammer-Casing connection through provisions of connection pieces, modifications to existing pieces and their alignment, and static compressive thrust through the hammer- Casing connection to achieve maximal hammer-Casing energy transfer efficiency.
- i. The Contractor shall provide groundwater/surface water control as required for proper execution of the work.
- j. Spoils removal:
  - i. Removal of soil from the Casing shall be determined solely by the Contractor.
  - ii. Provide the required equipment to remove spoils using equipment determined by the Contractor. Water jetting is prohibited as a removal method.
  - iii. Remove spoils from inside the pipe with consideration of the Site Conditions.
  - iv. Promptly clean up, remove, and dispose of spoils or spillage in accordance with the spoils removal plan.
  - v. Maintain sufficient soil or artificial Casing Plug to prevent soil and groundwater inflows into the casing during ramming.
- k. Obstruction removal is subject to the following requirements:
  - i. Notify the Owner immediately upon encountering an obstruction.
  - ii. Upon written authorization by the Owner, proceed with removal of the obstruction in accordance with the Contractor's submitted and accepted obstruction removal plan.
  - iii. The Contractor shall take all necessary steps to remove any obstruction or otherwise make it possible to continue boring operations.
  - iv. All obstructions less than or equal to 75% of the casing outer diameter are the responsibility of the Contractor and will not be considered for additional payment.
  - v. Only obstructions larger than 75% of the casing outer diameter will be considered obstructions subject to this section.
  - vi. The Contractor must produce the obstruction and allow visual observation by the Owner to be considered an obstruction subject to this section.

- l. In the event the Contractor encounters a problem during the Work and the situation is not covered by the Contractor's Contingency Plan, the Contractor shall propose alternative solutions for Owner's acceptance.
- m. All void space between the soil and the rammed casing shall be grouted immediately upon completion of the pipe ram.
- n. Weir shall be installed after casing is complete and engineer has directed contractor on how wide to make the weir crest.

10. Instrumentation and Monitoring.

- a. Be responsible for ground movement, vibrations and noise caused by the Pipe Ram. Modify operations as required and when requested by the Engineer to minimize impacts.
- b. Allowable ground surface settlement: Ground surface settlement shall not exceed 1-inch.

11. Construction Reports.

- a. Submit Daily Records by noon on the day following the shift for which the data or records were taken. At a minimum, log the following:
  - i. Date starting and finishing time of the shift.
  - ii. Ram identification.
  - iii. Installed Casing Section: number, Casing Section length, and ram length.
  - iv. Time required to install each Casing Section not including welding.
  - v. Inclination, operating pressure, and rate of advance.
  - vi. Orientation of the hammer to the orientation of the Casing.
  - vii. Record pressure, volume, and location of lubrication pumped.
  - viii. Problems encountered.
  - ix. Water encountered.
  - x. Durations of each separate activity and reason(s) for downtime.
  - xi. Lead Casing (Cutting Shoe) location (horizontal and vertical) along the alignment.
  - xii. Fit up time, welders, and welding time for each Casing Section.
  - xiii. Survey check of the Casing Section prior to each launch.
  - xiv. Soil characterization and quantities.

12. As-builts.

- a. Survey and submit within 3 days of completed Pipe Ram being excavated.

- b. Survey accuracy shall be 0.01 feet, shall be surveyed a maximum of every 20 feet, and shall be taken at the Casing invert.

**691-3.01 METHOD OF MEASUREMENT.**

Driven Pipe. Measurement for driven pipe shall be linear foot.

**691-4.01 BASIS OF PAYMENT.**

Installation of weir to Driven Pipe is subsidiary.

Payment for Driven Pipe will be paid for under Section 603

Add the following Section 692 Steel Casing:

## **SECTION 692 STEEL CASING**

**692-1.01 DESCRIPTION.** This Section specifies welded steel pipe for use as a steel casing for the steel casing installation covered under Section 691.

**692-1.01 SUBMITTALS.** Submit the following to the Engineer no less than 30 days prior to ordering the Steel Casing utilized for Steel Casing installation.

- A. Qualifications. Copies of welder qualification certificates for each person assigned to perform field welding.
- B. Design Calculations. Calculations demonstrating that the pipe selected has been designed to support the maximum anticipated earth loads and superimposed live loads, both static and dynamic, which may be imposed on the pipe. This calculation shall include the maximum allowable axial force that can be applied to the pipe during installation operations with a minimum safety factor of 2.0 for both pipe ramming and auger boring installation means.
- C. Product data and Shop Drawings. Material specifications and shop drawings showing the pipe wall thickness, steel grade, and the maximum allowable axial force. The drawings shall include configuration of the cutting head shoe and overcut. A pipe certification of compliance shall be submitted.

**692-2.01 MATERIALS.** Conform to the following:

A. Steel Casing for Auger Boring or Pipe Ramming

- 1. Steel casing shall:
  - a. Be new, smooth wall carbon steel pipe which conforms to ASTM Specification A-252-Grade 3 or ASTM Specification A572 Grade 50. Spiral weld pipe shall have full penetration welds at spiral.
  - b. Have the capacity to withstand the maximum jacking load anticipated with a safety factor of 2. The casing shall also be designed to withstand anticipated long-term soil and groundwater loads.
  - c. Have a minimum yield strength of 50,000 psi.
  - d. Casing diameter shall be as shown on the Drawings. Casing wall thickness shall be determined by the contractor but shall not be less than 5/8-inch. Casing lengths shall be determined by the Contractor.
  - e. Have a difference in roundness between the major and the minor outside diameters not exceeding 1% of the specified nominal outside diameter, or 1/4-inch, whichever is less.
  - f. Have an outside circumference which is within 1% of the nominal circumference, or 1/2-inch, whichever is less.
  - g. Have a minimum allowable straightness deviation in any 10-foot length of 1/8 inch.
  - h. Be furnished with 1-1/2 inch minimum diameter grout holes which conform to ASTM Specification A53, Schedule 40, with threaded plugs.

- i. Space holes regularly on 20-foot centers. Longitudinal spacing between grout holes may be decreased to provide more extensive grouting but shall not exceed 20 feet.
- j. Grout holes shall be fitted with countersunk, full face, rubber gaskets to prevent infiltration of displaced earth during the jacking process.
- k. Steel casing joints shall be welded. Steel casing for welding shall be square cut with beveled ends, using a full-penetration butt weld.

**692-4.01 METHOD OF MEASUREMENT.** Steel Casing will not be measured.

**692-5.01 BASIS OF PAYMENT.** Payment for Steel Casing is subsidiary to Culverts and Storm Drains per Section 603.

### **END OF SPECIAL PROVISIONS**



**APPENDIX F**  
**REQUIRED CONTRACT PROVISIONS FOR**  
**FEDERAL-AID CONTRACTS**  
**[Revised March 21, 2023]**

The following contract provisions shall apply, where applicable, to all work performed on the contract by the contractor's own organization and by subcontractors. As provided in this Section, the contractor shall insert in each subcontract all of the stipulations contained in these Required Contract Provisions and further require their inclusion in any lower tier subcontracts or purchase orders that may in turn be made. Incorporation by reference shall not be allowed. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with all applicable Required Contract Provisions.

**1. CARGO PREFERENCE REQUIREMENTS - 46 USC 55305; 46 CFR Part 381 [Applicable to all**

Federal-aid contracts involving equipment, materials or commodities which may be transported by ocean vessel]

**Cargo Preference-Use of United States Flag Vessels** - The contractor agrees: **a. to use** privately owned United States-Flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to the underlying contract to the extent such vessels are available at fair and reasonable rates for United States-Flag commercial vessels; **b. to furnish** within twenty (20) working days following the date of loading for shipments originating within the United States or within thirty (30) working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, "on-board" commercial ocean bill-of-lading in English for each shipment of cargo described in the preceding subsection to the Division of Cargo Preference and Domestic Trade, Maritime Administration, 1200 New Jersey Avenue, SE, Washington, D.C. 20590 and to ARRC (through the contractor in the case of a subcontractor's bill-of-lading), marked with appropriate identification of the project; **c. to include these** requirements in all subcontracts issued pursuant to this contract when the subcontract may involve the transport of equipment, material, or commodities by ocean vessel.

**2. DEBARMENT, SUSPENSION, INELIGIBILITY & VOLUNTARY EXCLUSION - 2 CFR Part 180 &**

**Part 1200; 2 CFR 200.213; Executive Orders 12549 & 12689** [Applicable to all Federal-aid contracts which exceed \$25,000]

The Contractor shall comply and facilitate compliance with U.S. DOT regulations, "Non-procurement Suspension and Debarment," 2 CFR Part 1200, which adopts and supplements the U.S. Office of Management and Budget (U.S. OMB) "Guidelines to Agencies on Government-wide Debarment and Suspension (Non-procurement)," 2 CFR Part 180. As such, the Contractor shall verify that its principals, affiliates, and subcontractors are eligible to participate in this federally funded contract and are not presently declared by any Federal department or agency to be:

- a) Debarred from participation in any federally assisted Award;
- b) Suspended from participation in any federally assisted Award;
- c) Proposed for debarment from participation in any federally assisted Award;
- d) Declared ineligible to participate in any federally assisted Award;
- e) Voluntarily excluded from participation in any federally assisted Award; or
- f) Disqualified from participation in any federally assisted Award.

**By signing this contract and/or submitting its bid or proposal, the Contractor, bidder or proposer certifies as follows:**

The certification in this clause is a material representation of fact relied upon by the ARRC. If it is later determined by the ARRC that the Contractor, bidder or proposer knowingly rendered an erroneous certification, in addition to remedies available to the ARRC, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The Contractor, bidder or proposer agrees to comply with the requirements of 2 CFR Part 180, subpart C, as supplemented by 2 CFR Part 1200, while its offer is valid and throughout the period of any contract that may arise from its offer. The contractor, bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

**3. DAVIS-BACON AND COPELAND ANTI-KICKBACK ACTS - 40 USC 3141-3148; 49 USC 5333(a); 29 CFR Part 5; 2 CFR Part 200, App. II (D) [Applicable to all Federal-aid construction contracts which exceed \$2,000]**

- (1) **Minimum wages** - (i) All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR Part 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein, provided the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classifications and wage rates conformed under paragraph (1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

(ii)(A) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

- (1) Except with respect to helpers as defined as 29 CFR 5.2(n)(4), the work to be performed by the classification requested is not performed by a classification in the wage determination; and
- (2) The classification is utilized in the area by the construction industry; and

- (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination; and
  - (4) With respect to helpers as defined in 29 CFR 5.2(n)(4), such a classification prevails in the area in which the work is performed.
- (B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- (C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- (D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii) (B) or
- (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.
- (iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.
  - (iv) If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account asset for the meeting of obligations under the plan or program.
- (v)(A) The contracting officer shall require that any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:
- (1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
  - (2) The classification is utilized in the area by the construction industry; and

- (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.
- (B) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- (C) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.
- (D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(v) (B) or

(C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

- (2) **Withholding** - ARRC shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the contractor under this contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the contract, ARRC may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.
- (3) **Payrolls and basic records** - (i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records

which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to ARRC for transmission to the Federal grantor agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under section 5.5(a)(3)(i) of Regulations, 29 CFR part 5. This information may be submitted in any form desired. Optional Form WH- 347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal Stock Number 029-005-00014-1), U.S. Government Printing Office, Washington, DC 20402. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors.

- (B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:
  - (1) That the payroll for the payroll period contains the information required to be maintained under section 5.5(a)(3)(i) of Regulations, 29 CFR part 5 and that such information is correct and complete;
  - (2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;
  - (3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.
- (C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.
- (D) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The contractor or subcontractor shall make the records required under paragraph (a)(3)(i) of this section available for inspection, copying, or transcription by authorized representatives of the Federal grantor agency or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

- (4) **Apprentices and trainees** - (i) Apprentices - Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State Apprenticeship Agency recognized by the Bureau, or if a person is employed in his or her

first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator of the Wage and Hour Division of the U.S. Department of Labor determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Bureau of Apprenticeship and Training, or a State Apprenticeship Agency recognized by the Bureau, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

- (ii) Trainees - Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.
- (5) Equal employment opportunity - The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

- (6) **Compliance with Copeland Act requirements** - The contractor shall comply with the requirements of 29 CFR Part 3, which are incorporated by reference in this contract.
- (7) **Subcontracts** - The contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the Federal Transit Administration may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.
- (8) **Contract termination: debarment** - A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.
- (9) **Compliance with Davis-Bacon and Related Act requirements** - All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.
- (10) **Disputes concerning labor standards** - Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and
  - 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.
- (11) **Certification of eligibility** - (i) By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
  - (ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
  - (iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 USC 1001.

4. **CONTRACT WORK HOURS AND SAFETY STANDARDS ACT - 40 USC 3701-3708.; 29 CFR**

**Part 5; 29 CFR 1926; 2 CFR Part 200, App. II (E)** [Applicable to all Federal-aid construction in excess of \$100,000 and all non-construction contracts which employ mechanics and laborers on a public work in excess of \$100,000]

**A. Overtime** (Applicable to construction and non-construction contracts)

- (1) **Overtime requirements** - No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

- (2) **Violation; liability for unpaid wages; liquidated damages** - In the event of any violation of the clause set forth in paragraph (1) of this section the contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.
- (3) **Withholding for unpaid wages and liquidated damages** - ARRC shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.
- (4) **Subcontracts** - The contractor or subcontractor shall insert in any subcontracts the clauses set forth in this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in this section.
- (5) **Payrolls and basic records** - (i) Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

**B. Contract Work Hours and Safety Standards Act** (Applicable to construction contracts only) (i) The Contractor agrees to comply with section 107 of the Contract Work Hours and Safety Standards Act, 40 USC § 333, and applicable DOL regulations, "Safety and Health Regulations for Construction" 29 CFR Part 1926. Among other things, the Contractor agrees that it will not require any laborer or mechanic to work in unsanitary, hazardous, or dangerous surroundings or working conditions.

(ii) **Subcontracts** - The Contractor also agrees to include the requirements of this section in each subcontract. The term "subcontract" under this section is considered to refer to a person who agrees to perform any part of the labor or material requirements of a contract for construction, alteration or repair. A person who undertakes to perform a portion of a contract involving the furnishing of supplies or materials will be considered a "subcontractor" under this section if the work in question involves the performance of construction work and is to be performed: (1) directly on or near the



construction site, or (2) by the employer for the specific project on a customized basis. Thus, a supplier of materials which will become an integral part of the construction is a "subcontractor" if the supplier fabricates or assembles the goods or materials in question specifically for the construction project and the work involved may be said to be construction activity. If the goods or materials in question are ordinarily sold to other customers from regular inventory, the supplier is not a "subcontractor." The requirements of this section do not apply to contracts or subcontracts for the purchase of supplies or materials or articles normally available on the open market.

**5. FEDERAL WATER POLLUTION CONTROL ACT- 33 USC 1251-1387; 2 CFR Part 200, App. II**

**(G) [Applicable to all Federal-aid contracts which exceed \$150,000]**

- (1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 USC 1251 et seq. The Contractor agrees to report each violation to ARRC and understands and agrees that ARRC will, in turn, report each violation as required to assure notification to the Federal grantor agency and the appropriate EPA Regional Office.
- (2) The Contractor also agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal funds.

**6. CLEAN AIR ACT - 42 USC 7401-7671q; 2 CFR Part 200, App. II (G) [Applicable to all Federal- aid contracts which exceed \$150,000]**

- (1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 USC 7401 et seq. The Contractor agrees to report each violation to ARRC and understands and agrees that ARRC will, in turn, report each violation as required to assure notification to the Federal grantor agency and the appropriate EPA Regional Office.
- (2) The Contractor also agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal funds.

**7. ACCESS TO RECORDS AND REPORTS – 49 USC 5325(g); 2 CFR 200.333; 49 CFR Part 633**

**[Applicable to all Federal-aid contracts]**

Access to Records - The following access to records requirements apply to this Contract:

1. Contractor agrees to provide ARRC, the Federal grantor agency, the Comptroller General, or any of their duly authorized representatives access to the Contractor's books, documents, papers and records which are directly pertinent to this contract for the purpose of making audit, examination, excerpts and transcriptions.
2. Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
3. Contractor agrees to comply with the record retention requirements in accordance with 2 CFR 200.333. Contractor agrees to maintain all books, records, accounts and reports required under this contract for a period of not less than three years after the date of termination or expiration of this contract, except in the event of litigation or settlement of claims arising from the performance of this contract, in which case Contractor agrees to maintain the same until ARRC, the Federal grantor agency, the Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto.
4. Contractor agrees to permit the Federal grantor agency and its contractors access to the sites of performance under this contract as reasonably may be required.

5. Contractor agrees to include these requirements in each subcontract financed in whole or in part with Federal funds.

8. **CHANGES TO FEDERAL REQUIREMENTS** – [Applicable to all Federal-aid contracts]

**Federal Changes** - Contractor shall at all times comply with all applicable Federal regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Agreement between ARRC and the Federal grantor agency, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a material breach of this contract.

9. **NO GOVERNMENT OBLIGATION TO THIRD PARTIES** [Applicable to all Federal-aid contracts]

- (1) ARRC and Contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of the underlying contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this contract and shall not be subject to any obligations or liabilities to ARRC, Contractor, or any other party (whether or not a party to that contract) pertaining to any matter resulting from the underlying contract.
- (2) The Contractor agrees to include the above clause in each subcontract financed in whole or in part with Federal assistance. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.

10. **PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS AND RELATED ACTS – 49**

**USC 5323j(1); 31 USC 3801-3812; 49 CFR Part 31; 18 USC 1001** [Applicable to all Federal-aid contracts]

- (1) The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 USC §3801 et seq. and U.S. DOT regulations, "Program Fraud Civil Remedies," 49 CFR Part 31, apply to its actions pertaining to this Project. Upon execution of the underlying contract, the Contractor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to the underlying contract or the Federally assisted project for which this contract work is being performed. In addition to other penalties that may be applicable, the Contractor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor to the extent the Federal Government deems appropriate.
- (2) The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance, the Government reserves the right to impose the penalties of 18 USC §1001 and 49 USC 5323(l) on the Contractor, to the extent the Federal Government deems appropriate.
- (3) The Contractor agrees to include the above two clauses in each subcontract financed in whole or in part with Federal assistance. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

11. **SEISMIC SAFETY REQUIREMENTS - 42 USC 7701 et seq. & 49 CFR Part 41; Executive Order**

**12699** [Applicable only to Federal-aid contracts for the construction of new buildings or additions to existing buildings]

**Seismic Safety** - The contractor agrees that any new building or addition to an existing building will be designed and constructed in accordance with the standards for Seismic Safety required in Department of Transportation Seismic Safety Regulations, 49 CFR Part 41 and will certify to compliance to the extent required by the regulation. The contractor also agrees to ensure that all work performed under this contract including work performed by a subcontractor is in compliance with the standards required by the Seismic Safety Regulations and the certification of compliance issued on the project.

**12. ENERGY CONSERVATION REQUIREMENTS - 42 USC 6321 et seq. & 49 CFR Part 622, Subpart C** [Applicable to all Federal-aid contracts]

**Energy Conservation** - The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

**13. CIVIL RIGHTS AND EQUAL OPPORTUNITY REQUIREMENTS – 49 USC 5332; 29 USC 623, 42 USC 2000e, 42 USC 6102, 42 USC 12112, 42 USC 12132, 29 CFR Part 1630, & 41 CFR Parts 60 et seq.**  
[Applicable to all Federal-aid contracts]

**Civil Rights** - The following requirements apply to the underlying contract:

1. Nondiscrimination - In accordance with 49 USC 5332 and Title VI of the Civil Rights Act, as amended, 42 USC 2000e, section 303 of the Age Discrimination Act of 1975, as amended, 42 USC 6102, and section 202 of the Americans with Disabilities Act of 1990, 42 USC 12132, the Contractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, national origin, sex, age, or disability. In addition, the Contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements the Federal grantor agency may issue.
2. Equal Employment Opportunity - The following equal employment opportunity requirements apply to the underlying contract:
  - (a) Race, Color, Creed, National Origin, Sex - In accordance with 49 USC 5332 and Title VI of the Civil Rights Act, as amended, and 42 USC §2000e, the Contractor agrees to comply with all applicable equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 CFR Parts 60 et seq., (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 USC 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of the Project. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, national origin, sex, gender identity, sexual orientation, or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements the Federal grantor agency may issue.

- (b) Age - In accordance with the Age Discrimination in Employment Act, 29 USC 621-634; U.S. Equal Employment Opportunity Commission (U.S. EEOC) regulations, "Age Discrimination in Employment Act," 29 CFR Part 1625; the Age Discrimination Act of 1975, as amended, 42 USC 6101 *et seq.*; U.S. Health and Human Services regulations, "Nondiscrimination on the Basis of Age in Programs or Activities Receiving Federal Financial Assistance," 45 CFR Part 90; and 49 USC 5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements Federal grantor agency may issue.
- (c) Disabilities - In accordance with section 504 of the Rehabilitation Act of 1973, as amended, 29 USC 794, the Americans with Disabilities Act of 1990, as amended, 42 USC 12101 *et seq.*, the Architectural Barriers Act of 1968, as amended, 42 USC 4151 *et seq.*, and 49 USC 5332, the Contractor agrees that it will not discriminate against individuals on the basis of disability. In addition, the Contractor agrees to comply with any implementing requirements the Federal grantor agency may issue.
3. The Contractor also agrees to include these requirements in each subcontract financed in whole or in part with Federal assistance, modified only if necessary to identify the affected parties.

14. **VIOLATION AND BREACH OF CONTRACT - 2 CFR 200.326; 2 CFR Part 200, App. II(A)**

[Applicable to all Federal-aid contracts in excess of \$150,000]

**Rights and Remedies of the ARRC**

Except as may be otherwise provided in the contract documents, in the event that ARRC deems the contractor guilty of a default or breach of any provision under the Contract, ARRC shall have any and all rights and remedies provided by applicable law, including, but not limited to the following:

1. The right to take over and complete the work or any part thereof as agent for and at the expense of the Contractor, either directly or through other contractors;
2. The right to cancel this Contract as to any or all of the work yet to be performed;
3. The right to specific performance, an injunction or any other appropriate equitable remedy; and
4. The right to money damages.

**Rights and Remedies of Contractor**

Inasmuch as the Contractor can be adequately compensated by money damages for any breach of this Contract, which may be committed by the ARRC, the Contractor expressly agrees that no default, act or omission of the ARRC shall constitute a material breach of this Contract, entitling Contractor to cancel or rescind the Contract (unless the ARRC directs Contractor to do so) or to suspend or abandon performance. Contractor claims or disputes arising in the performance of this Contract which are not resolved by agreement of the parties shall be decided in accordance with ARRC's Procurement Rules.

**Performance During Dispute** - Unless otherwise directed by ARRC, Contractor shall continue performance under this contract while matters in dispute are being resolved.

**Notification** - In addition to the notice requirements set out elsewhere in this Contract, if the contractor becomes aware of any act or occurrence which may form the basis of a claim by the contractor for additional compensation or an extension of time for performance, or if any dispute arises regarding a question of fact or interpretation of the contract, the contractor shall immediately inform the Project Manager. If the matter cannot be resolved by agreement within 7 days, the

contractor shall, within the next 14 days, submit an Intent to Claim in writing to the Project Manager. The claim, if not resolved, shall be presented to the Project Manager, in writing, within 60 days following receipt of the Intent to Claim. Receipt of the claim will be acknowledged in writing by the Project Manager. The Contractor agrees that unless these written notices are provided, the contractor will have no entitlement to additional time or compensation for such act, event or condition.

**Presenting Claim** - A claim shall be submitted in accordance with ARRC Procurement Rule 1800.12 and shall specifically include the following:

1. The act, event or condition giving rise to the claim.
2. The contract provisions which apply to the claim and under which relief is provided.
3. The item or items of contract work affected and how they are affected.
4. The specific relief requested, including additional contract time if applicable, and the basis upon which it was calculated.

**Claim Validity, Additional Information, & Project Manager's Actions** - The claim, in order to be valid, must not only show that the contractor suffered damages or delay but that those conditions were actually a result of the act, event or condition complained of and that the contract provides entitlement to relief to the contractor for such act, event, or condition. The Project Manager reserves the right to make written request to the contractor at any time for additional information which the contractor may possess relative to the claim. The contractor agrees to provide the Project Manager such additional information within 30 days of receipt of such a request. Failure to furnish such additional information may be regarded as a waiver of the claim. The claim, if not resolved by agreement within 60 days of its receipt, will automatically be forwarded to the Manager of Purchasing & Materials for formal written decision.

**Decision on Claim** - The contractor will be furnished the Manager of Purchasing & Materials' decision within the next 90 days, unless additional information is requested by the ARRC. The Manager of Purchasing & Materials' decision is final and conclusive unless fraudulent as to the Claim.

**Notice of Appeal** - Within 14 days of receipt of the Manager of Purchasing & Materials' decision, the contractor may deliver a Notice of Appeal to ARRC in accordance with ARRC Procurement Rule 1800.13 and request a hearing. The Notice of Appeal shall include specific exceptions to the Manager of Purchasing & Materials' decision, including specific provisions of the contract, which the contractor intends to rely upon in the appeal. General assertions that the Manager of Purchasing & Materials' decision is contrary to law or to fact are not sufficient.

**Decision on Appeal** - The decision of the ARRC on appeal will be rendered within 90 days after the conclusion of a hearing conducted under ARRC Procurement Rule 1800.15 or the date of receipt of the Notice of Appeal, whichever is later. The time limits given above may be extended by mutual consent. The decision of ARRC on appeal shall be final and conclusive unless the Contractor appeals to the superior court in accordance with ARRC Procurement Rule 1800.18.

**15. NONSEGREGATED FACILITIES** [Applicable to all Federal-aid construction contracts and to all related subcontracts of \$10,000 or more]

1. By submission of this bid, the execution of this contract or subcontract, or the consummation of this material supply agreement or purchase order, as appropriate, the bidder, Federal-aid construction contractor, subcontractor, material supplier, or vendor, as appropriate, certifies that the firm does not maintain or provide for its employees any segregated facilities at any of its establishments, and that the firm does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The firm agrees that a breach of this certification is a violation of the EEO Provisions of this contract. The firm further

certifies that no employee will be denied access to adequate facilities on the basis of sex or disability.

2. As used in this certification, the term “segregated facilities” means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive, or are, in fact, segregated on the basis of race, color, religion, or national origin, age or disability, because of habit, local custom, or otherwise. The only exception will be for the disabled when the demands for accessibility override (e.g. disabled parking).
3. The contractor agrees that it has obtained or will obtain identical certification from proposed subcontractors or material suppliers prior to the award of subcontracts or consummation of material supply agreements of \$10,000 or more and that it will retain such certifications in its files.

**16. NATIONAL HISTORIC PRESERVATION ACT REQUIREMENTS – 54 USC 300101 et seq.**

[Applicable to all Federal-Aid contracts]

In the performance of this contract, neither Contractor nor its subcontractors shall take any action (which term includes but is not limited to the seeking of any required federal license or permit, and the extraction of material or natural resources from any source whatsoever) that may affect a district, site, building, structure or object that is included in or eligible for inclusion in the National Register of Historic Places without prior notice to ARRC and compliance with the requirements of the National Historic Preservation Act of 1966, 54 USC 300101 et seq. Contractor is advised that both historic and cultural sites may be eligible for inclusion on the National Register.

**17. FLY AMERICA REQUIREMENT - 49 USC 40118; 41 CFR 301-10 [Applicable to all Federal-aid contracts which may involve the international air transportation of equipment, materials, commodities, products or personnel]**

a) *Definitions.* As used in this clause--

“International air transportation” means transportation by air between a place in the United States and a place outside the United States or between two places both of which are outside the United States

“United States” means the 50 States, the District of Columbia, and outlying areas.

“U.S.-flag air carrier” means an air carrier holding a certificate under 49 U.S.C. Chapter 411.

b) When Federal funds are used to fund travel, Section 5 of the International Air Transportation Fair Competitive Practices Act of 1974 (49 USC 40118) (Fly America Act) requires contractors, recipients, and others use U.S.-flag air carriers for U.S. Government-financed international air transportation of personnel (and their personal effects) or property, to the extent that service by those carriers is available. It requires the Comptroller General of the United States, in the absence of satisfactory proof of the necessity for foreign-flag air transportation, to disallow expenditures from funds, appropriated or otherwise established for the account of the United States, for international air transportation secured aboard a foreign-flag air carrier if a U.S.-flag air carrier is available to provide such services.

c) If available, the Contractor, in performing work under this contract, shall use U.S.-flag carriers for international air transportation of personnel (and their personal effects) or property.

- d) In the event that the Contractor selects a carrier other than a U.S.-flag air carrier for international air transportation, the Contractor shall include a statement on vouchers involving such transportation essentially as follows:

#### **Statement of Unavailability of U.S.-Flag Air Carriers**

International air transportation of persons (and their personal effects) or property by U.S.-flag air carrier was not available or it was necessary to use foreign-flag air carrier service for the following reasons. See FAR § 47.403. *[State reasons]:*

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The Contractor agrees to include the requirements of this section in all subcontracts that may involve international air transportation.

**18. RECYCLED PRODUCTS - 42 USC 6962; 40 CFR PART 247; 2 CFR 200.322 [Applicable to all**

Federal-aid contracts for items designated by the EPA, for the purchase of \$10,000 or more of one of these items during the fiscal year]

The Contractor agrees to provide a preference for those products and services that conserve natural resources, protect the environment, and are energy efficient by complying with and facilitating compliance with Section 6002 of the Resource Conservation and Recovery Act, as amended, 42 USC 6962, and U.S. Environmental Protection Agency (U.S. EPA), "Comprehensive Procurement Guideline for Products Containing Recovered Materials," 40 CFR Part 247. The Contractor agrees to include these requirements in each subcontract financed in whole or in part with Federal funds.

**19. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION TERMS - FTA Circular 4220.1F**

[Applicable to all FTA funded contracts]

The provisions herein include, in part, certain Standard Terms and Conditions required by USDOT, whether or not expressly set forth in the contract provisions. All contractual provisions required by USDOT, as set forth in FTA Circular 4220.1F are incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this agreement. The contractor shall not perform any act, fail to perform any act, or refuse to comply with any ARRC requests which would cause ARRC to be in violation of the FTA terms and conditions.

**20. DISADVANTAGED BUSINESS ENTERPRISE (DBE) PROGRAM - 49 CFR Part 26.**

[Applicable

to all U.S. Department of Transportation-funded contracts, including those funded by FTA, FRA and FHWA]

- 1. Assurance** - The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of U.S. Department of Transportation- assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the ARRC deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the contractor from future bidding as non-responsible. 49 CFR 26.13(b).

2. **Contract Goal** – ARRC runs a completely race-neutral DBE program. Accordingly, this contract has no specific contract goal for the participation of Disadvantaged Business Enterprises (DBEs). ARRC does have an overall annual goal that it strives to meet, however. The ARRC therefore strongly encourages the contractor to use the services of small businesses, including DBEs, as subcontractors whenever possible. The ARRC requests that the contractor consider such measures as: (1) subcontracting to small businesses, including DBEs, portions of the work the contractor might otherwise do with its own forces; (2) reducing or waiving subcontractor bonding requirements for small businesses, including DBEs; (3) reviewing the list of businesses certified in the Small Business Administration's 8(a) Business Development Program for potential subcontractors [contact the SBA at (907) 271-4022]; and (4) reviewing the list of businesses certified as DBEs by the Alaska Unified Certification Program for potential subcontractors [<http://www.dot.state.ak.us/cvlrts/directory.shtml>].
3. **Prompt Payment** - The prime contractor agrees to pay each subcontractor under this prime contract for satisfactory performance of its contract no later than thirty (30) days from the receipt of each payment the prime contractor receives from the ARRC. The prime contractor agrees further to return retainage payments to each subcontractor within thirty (30) days after the subcontractor's work is satisfactorily completed, even if the prime contractor's work has not been completed. Any retainage not returned to a subcontractor will be reported to the ARRC by the prime contractor. This clause applies to both DBE and non-DBE subcontractors.

21. **FHWA BUY AMERICA REQUIREMENTS**, - 23 CFR 635.410 [Applicable only to FHWA funded construction contracts in excess of \$150,000]

Unless a waiver has been granted by the FHWA, all steel and iron materials which are incorporated into the work, and the action of applying a coating to a covered material (i.e., steel and iron), shall be manufactured in the United States except those minor amounts of steel and iron materials of foreign manufacture may be used, provided the aggregate cost of such materials does not exceed one tenth of one percent (0.1 percent) of the total contract amount, or \$2500, whichever is greater. Coating includes epoxy coating, galvanizing, painting, and any other coating that protects or enhances the value of a material subject to the requirements of this section. For the purposes of this section, the cost is the value of the products as they are delivered to the project. When steel and iron materials manufactured in the United States are shipped to a foreign country where non-steel or iron products are installed on or in them (i.e., electronic components in a steel cabinet), the steel and iron is considered to meet the requirements of this section. A certification of materials origin, attesting to compliance with this provision, shall be furnished to the Engineer prior to incorporating any steel or iron products into the project. Bidders may submit an alternate bid for the project based on the use of foreign iron or steel materials. In this event, the contract will be awarded to the bidder who submits the lowest total responsive bid based on furnishing domestic iron and steel materials unless such total bid exceeds the lowest total responsive bid based on furnishing foreign steel and iron materials by more than 25 percent.

**Certificate of Compliance with 23 CFR 635.410**

The bidder or offeror hereby certifies that it will comply with the requirements of 23 CFR 635.410.

Date:\_\_\_ Signature:\_\_\_ Company Name:\_\_\_\_\_ Title:\_\_\_\_\_



22. **FTA BUY AMERICA REQUIREMENTS - 49 USC 5323(j) and (u); 49 CFR Part 661**

[Applicable

only to FTA funded projects that involve the purchase of more than \$150,000 of iron, steel, manufactured goods or rolling stock]

**Buy America** - The contractor agrees to comply with 49 USC 5323(j), 49 CFR Part 661, and 2 CFR 200.322, which provide those Federal funds may not be obligated unless all steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 CFR 661.7. Separate requirements for rolling stock are set out at 49 USC 5323(j)(2)(C), 49 USC 5323(u), and 49 CFR 661.11.

Construction materials used in the Project are subject to the domestic preference requirement of the Build America, Buy America Act, Pub. L. 117-58, div. G, tit. IX, §§ 70911 – 70927 (2021), as implemented by the U.S. Office of Management and Budget, the U.S. Department of Transportation, and FTA.

A bidder or offeror must submit to the ARRC the appropriate Buy America certification (below) with all bids or offers on FTA-funded contracts, except those subject to a general waiver. Bids or offers that are not accompanied by a completed Buy America certification must be rejected as nonresponsive.

**Certification requirement for procurement of steel, iron, manufactured products, and construction materials:**

**Certificate of Compliance**

The bidder or offeror hereby certifies that it will meet the requirements of 49 USC 5323(j)(1), the applicable regulations in 49 CFR Part 661.6, and the domestic preference requirement of the Build America, Buy America Act, Pub. L. 117-58, div. G, tit. IX, §§ 70911 – 70927 (2021).

Date:\_\_\_ Signature:\_\_\_ Company Name:\_\_\_\_\_ Title:\_\_\_\_\_

**Certificate of Non-Compliance**

The bidder or offeror hereby certifies that it cannot comply with the requirements of 49 USC 5323(j), 49 CFR 661.6, or the domestic preference requirement of the Build America, Buy America Act, Pub. L. 117- 58, div. G, tit. IX, §§ 70911 – 70927 (2021), but it may qualify for an exception pursuant to 49 USC 5323(j)(2)(A), 5323(j)(2), as amended; the applicable regulations in 49 CFR 661.7; or applicable waivers published by the Secretary of the U.S. Department of Transportation.

Date:\_\_\_ Signature:\_\_\_ Company Name:\_\_\_\_\_ Title:\_\_\_\_\_

**Certification requirement for procurement of rolling stock and associated equipment:**

**Certificate of Compliance**

The bidder or offeror hereby certifies that it will comply with the requirements of 49 USC 5323(j) and (u) and the regulations at 49 CFR 661.11.

Date:\_\_ Signature:\_\_\_\_ Company Name:\_\_\_\_\_ Title:\_\_\_\_\_

**Certificate of Non-Compliance**

The bidder or offeror hereby certifies that it cannot comply with the requirements of 49 USC 5323(j) and (u) and 49 CFR 661.11, but may qualify for an exception pursuant to 49 USC 5323(j)(2)(C), and the applicable regulations at 49 CFR 661.7.

Date:\_\_ Signature:\_\_\_\_ Company Name:\_\_\_\_\_ Title:\_\_\_\_\_

23. **FRA BUY AMERICAN REQUIREMENTS-SUPPLIES - 41 USC 8301-8305; 48 CFR Part 25** [If required under the terms of the grant agreement, applicable only to FRA funded contracts for the purchase of goods, supplies or equipment in excess of \$10,000]

- (a) The FRA requires its grantees to comply with The Buy American Act (41 U.S.C. 8301 *et seq.*) which provides that preference be given to domestic end products.

*Commercially available off-the-shelf (COTS) item*, as used in this clause, means

- (1) any item of supply (including construction material) that is (i) a commercial item, as defined in paragraph (1) of the definition at 48 CFR 2.101; (ii) sold in substantial quantities in the commercial marketplace; and (iii) offered under this contract in the same form in which it is sold in the commercial marketplace; and
- (2) does not include bulk cargo, as defined in 46 USC 40102(4), such as agricultural products and petroleum products.

*Components*, as used in this clause, means those articles, materials, and supplies incorporated directly into the end products.

*Cost of components*, as used in this clause, means

- (1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the end product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or
- (2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the end product.

*Domestic end product*, as used in this clause, means

- (1) an unmanufactured end product mined or produced in the United States, or
- (2) an end product manufactured in the United States, if
  - (i) the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as the products referred to in subparagraphs (b) (2) or (3) of this clause shall be treated as domestic. Scrap generated, collected, and prepared for processing in the United States is considered domestic; or
  - (ii) the end product is a COTS item.

*End products*, as used in this clause, means those articles, materials, and supplies to be acquired for public use under this contract.

*Foreign end product*, as used in this clause, means an end product other than a domestic end product.

*United States*, as used in this clause, means the 50 States, the District of Columbia, and outlying areas (as defined at 48 CFR 2.101).

- (b) The Contractor shall deliver only domestic end products, except those-
- (1) For use outside the United States;
  - (2) That government agencies have determined are not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality. A current list of such items is contained in 48 CFR 25.104;
  - (3) For which the agency determines that domestic preference would be inconsistent with the public interest; or
  - (4) For which the agency determines the cost to be unreasonable under 48 CFR 25.105. The offered price of a domestic end product shall be determined to be unreasonable when the lowest acceptable domestic offer exceeds the lowest acceptable foreign offer, inclusive of duty, by more than 6 percent, if the domestic offer is from a large business or more than 12 percent, if the domestic offer is from a small business concern

In accordance with 41 USC 1907, the component test of the Buy American statute is waived for an end product that is a COTS item (See 48 CFR 12.505(a)(1)).

A bidder must submit to ARRC the Buy American certification (below) with its bid response for FRA funded supply contracts. The Contractor shall deliver only domestic end products except to the extent that it specifies delivery of foreign end products in its provision of the Buy American Certificate. Bids that are not accompanied by a completed Buy American certification may be rejected as nonresponsive.

**Buy American Certificate**

**Certificate of Compliance with 41 USC 8301-8305 - Supplies**

- (a) The bidder or offeror hereby certifies that the products it proposes to supply hereunder comply with the requirements of 49 USC 8301-8305 and the applicable regulations in 48 CFR Part 25. The bidder or offeror certifies that each end product, except those listed in paragraph (b) of this certificate, is a domestic end product and that for other than COTS items, the bidder or offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The bidder or offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS items and does not meet the component test in paragraph (2) of the definition of "domestic end product."

- (b) Foreign End Products:

Line Item No. Country of Origin

_____	_____
_____	_____

(List as necessary)

Date:\_\_\_ Signature:\_\_\_ Company Name:\_\_\_\_\_ Title:\_\_\_\_\_

**24. FRA BUY AMERICAN REQUIREMENT-CONSTRUCTION - 41 USC 8301-8305; 48 CFR Part 25**

[Applicable only to FRA funded construction contracts in excess of \$10,000]

(a) The FRA requires its grantees to comply with The Buy American Act (41 U.S.C. 8301 *et seq.*) which provides that preference be given to domestic construction materials. As used in this clause-

*Components* means those articles, materials, and supplies incorporated directly into construction materials.

*Construction material* means an article, material, or supply brought to the construction site for incorporation into the building or work. Construction material also includes an item brought to the site pre- assembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, which are discrete systems incorporated into a public building or work and which are produced as a complete system, shall be evaluated as a single and distinct construction material regardless of when or how the individual parts or components of such systems are delivered to the construction site.

*Domestic construction material* means (1) an unmanufactured construction material mined or produced in the United States, or (2) a construction material manufactured in the U.S., if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of cost of all its components. Materials of foreign origin of the same class or kind as the materials listed in 48 CFR 25.108 shall be treated as domestic.

(b)(1) The Buy American Act (41 USC 8301-8305) requires that only domestic construction material be used in performing this contract, except as provided in paragraphs (b)(2) and (b)(3) of this clause.

- (2) The requirement in paragraph (b)(1) of this clause does not apply to the excepted construction materials or components listed by the Government as follows: NONE
  - (3) Other foreign construction material may be used on this project if ARRC determines that-
    - (i) The cost would be unreasonable (the cost of a particular domestic construction material shall be determined to be unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent, unless the agency head determines a higher percentage to be appropriate);
    - (ii) The application of the restriction of the Buy American Act to a particular construction material would be impracticable or inconsistent with the public interest; or
    - (iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.
  - (4) The Contractor agrees that only domestic construction materials will be used by the Contractor, subcontractors, material men, and suppliers in the performance of this contract, except for foreign construction materials, if any, listed in paragraph (b)(2) or allowed under paragraph (b)(3) of this clause.
- (c) *Request for determination.* (1) Contractors requesting to use foreign construction material under paragraph (b)(3) of this clause shall provide adequate information for ARRC evaluation of the request for a determination regarding the inapplicability of the Buy American Act in time to allow determination before submission of bids or offers. Each submission shall include a description of the foreign and domestic construction materials, including unit of measure, quantity, price, time of delivery or availability, location of the construction project, name and address of the proposed contractor, and a detailed justification of the reason for use of foreign

materials cited in accordance with paragraph (b)(3) of this clause. A submission based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause. The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

- (2) If ARRC determines after contract award that an exception to the Buy American Act applies, the contract shall be modified to allow use of the foreign construction material, and adequate consideration shall be negotiated. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration shall not be less than the differential established in paragraph (b)(3)(i) of this clause.
- (3) If ARRC does not determine that an exception to the Buy American Act applies, the use of that particular foreign construction material will be a failure to comply with the Act.
- (d) For evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the following information and any applicable supporting data based on the survey of suppliers shall be included in the request:

#### FOREIGN AND DOMESTIC CONSTRUCTION MATERIALS PRICE COMPARISON

Construction material description	Unit of Measure	Quantity	Price (Dollars) <sup>1/</sup>
Item 1: Foreign construction material Domestic construction material			
Item 2: Foreign construction material Domestic construction material			

List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary. Include other applicable supporting information.

<sup>1/</sup>Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued).

A bidder must submit to ARRC the Buy American certification (below) with its bid response for FRA funded construction. Bids that are not accompanied by a completed Buy American certification may be rejected as nonresponsive.

#### **Certificate of Compliance with 41 USC 8301-8305 - Construction**

The bidder or offeror hereby certifies that the construction materials it proposes to provide hereunder comply with the requirements of 49 USC 8301-8305 and the applicable regulations in 48 CFR Part 25.

Date:\_\_\_ Signature:\_\_\_ Company Name:\_\_\_\_\_ Title:\_\_\_\_\_

**25. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING - 31 USC 1352; 2 CFR 200.450; 2 CFR 200 App. II(j); 49 CFR Part 20** [Applicable to all Federal-aid contracts and to all related subcontracts which exceed \$100,000]

A bidder must submit to ARRC the below certification with its bid response for any Federally funded contract that exceeds \$100,000. Bids that are not accompanied by a completed certification may be rejected as nonresponsive.

1. The undersigned Contractor certifies, to the best of his or her knowledge and belief, that:
  - a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
  - b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
2. The undersigned also agrees that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.
3. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 USC 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, \_\_\_\_\_ certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 USC 3801, *et seq.*, apply to this certification and disclosure, if any.

Signature of Contractor's Authorized Official: \_\_\_\_\_

Name and Title of Contractor's Authorized Official: \_\_\_\_\_

Date: \_\_\_\_\_

26. **FTA PRE-AWARD AND POST DELIVERY AUDITS REQUIREMENTS - 49 USC 5323; 49 CFR**

**Part 663** [Applicable only to FTA funded contracts for the purchase of rolling stock in excess of \$150,000]

**Pre-Award and Post-Delivery Audit Requirements** - The Contractor agrees to comply with 49 USC 5323(l) and FTA's implementing regulation at 49 CFR Part 663 and to submit the following certifications:

- (1) Buy America Requirements: The Contractor shall complete and submit a declaration certifying either compliance or noncompliance with Buy America. If the Bidder/Offeror certifies compliance with Buy America, it shall submit documentation which lists 1) component and subcomponent parts of the rolling stock to be purchased identified by manufacturer of the parts, their country of origin and costs; and 2) the location of the final assembly point for the rolling stock, including a description of the activities that will take place at the final assembly point and the cost of final assembly.
- (2) Solicitation Specification Requirements: The Contractor shall submit evidence that it will be capable of meeting the bid specifications.
- (3) Federal Motor Vehicle Safety Standards (FMVSS): The Contractor shall submit 1) manufacturer's FMVSS self-certification sticker information that the vehicle complies with relevant FMVSS or 2) manufacturer's certified statement that the contracted buses will not be subject to FMVSS regulations.

27. **CERTIFICATION REGARDING COMPLIANCE WITH 49 CFR 26.49 - ESTABLISHMENT OF**

**DBE GOAL** [Applicable to all FTA funded contracts for Transit Vehicles]

**Certificate of Compliance with 49 CFR 26.49**

The bidder or offeror hereby certifies that it has established a DBE goal and submitted it to the FTA for approval in accordance with the provisions of 49 CFR 26.49.

Date:\_\_\_ Signature:\_\_\_ Company Name:\_\_\_\_\_ Title:\_\_\_\_\_

28. **SAFE OPERATION OF MOTOR VEHICLES - 23 USC Part 402; Executive Order No. 13043;**

**Executive Order No. 13513; U.S. DOT Order No. 3902.10** [Applicable to all federally funded third party contracts]

**Seat Belt Use** - The Contractor is encouraged to adopt and promote on-the-job seat belt use policies and programs for its employees and other personnel that operate company-owned vehicles, company-rented vehicles, or personally operated vehicles. The terms "company-owned" and "company-leased" refer to vehicles owned or leased either by the Contractor or ARRC.

**Distracted Driving** - The Contractor agrees to adopt and enforce workplace safety policies to decrease crashes caused by distracted drivers, including policies to ban text messaging while using an electronic device supplied by an employer, and driving a vehicle the driver owns or



rents, a vehicle Contactor owns, leases, or rents, or a privately-owned vehicle when on official business in connection with the work performed under this agreement.

**PATENT RIGHTS** – 2 CFR Part 200, App. II(F); 37 CFR Part 401 [Applicable all federally funded contracts with a small business firm or nonprofit organization for the performance of experimental, developmental or research work]

This Project is funded through a Federal award for experimental, developmental, or research work purposes. As such, certain Patent Rights and Data Rights apply to all subject data first produced in the performance of this contract. The Contractor shall grant the ARRC intellectual property access and licenses deemed necessary for the work performed under this contract and in accordance with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the federal grantor agency. The terms of an intellectual property agreement and software license rights will be finalized prior to execution of this contract and shall, at a minimum, include the following restrictions: Except for its own internal use, the Contractor may not publish or reproduce subject data in whole or in part, or in any manner or form, nor may the Contractor authorize others to do so, without the written consent of ARRC and the federal grantor agency, until such time as they may have either released or approved the release of such data to the public. This restriction on publication, however, does not apply to any contract with an academic institution. For purposes of this agreement, the term "subject data" means recorded information whether or not copyrighted, and that is delivered or specified to be delivered as required by the contract. Examples of "subject data" include, but are not limited to computer software, standards, specifications, engineering drawings and associated lists, process sheets, manuals, technical reports, catalog item identifications, and related information, but do not include financial reports, cost analyses, or other similar information used for performance or administration of the Contract.

1. The Federal Government reserves a royalty-free, non-exclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use for "Federal Government Purposes," any subject data or copyright described below. For "Federal Government Purposes," means use only for the direct purposes of the Federal Government. Without the copyright owner's consent, the Federal Government may not extend its Federal license to any other party.
  - (a) Any subject data developed under the contract, whether or not a copyright has been obtained;and
  - (b) Any rights of copyright purchased by the Contractor using Federal assistance in whole or in part by the federal grantor agency.
2. Unless the federal grantor agency determines otherwise, the Contractor performing experimental, developmental, or research work required as part of this contract agrees to permit the federal grantor agency to make available to the public, either its license in the copyright to any subject data developed in the course of the contract, or a copy of the subject data first produced under the contract for which a copyright has not been obtained. If the experimental, developmental, or research work, which is the subject of this contract, is not

completed for any reason whatsoever, all data developed under the contract shall become subject data as defined herein and shall be delivered as the Federal Government may direct.

3. Unless prohibited by state law, upon request by the Federal Government, the Contractor agrees to indemnify, save, and hold harmless the Federal Government, its officers, agents, and employees acting within the scope of their official duties against any liability, including costs and expenses, resulting from any willful or intentional violation by the Contractor of proprietary rights, copyrights, or right of privacy, arising out of the publication, translation, reproduction, delivery, use, or disposition of any data furnished under that contract. The Contractor shall be required to indemnify the Federal Government for any such liability arising out of the wrongful act of any employee, official, or agents of the Federal Government.
4. Nothing contained in this clause on rights in data shall imply a license to the Federal Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Federal Government under any patent.
5. Data developed by the Contractor and financed entirely without using Federal assistance provided by the Federal Government that has been incorporated into work required by the underlying contract is exempt from the requirements herein, provided that the Contractor identifies those data in writing at the time of delivery of the contract work.
6. The Contractor agrees to include these requirements in each subcontract for experimental, developmental, or research work financed in whole or in part with Federal assistance.

**29. TERMINATION – 2 CFR 200.339; 2 CFR Part 200 App. II(B)** [Applicable to all federally funded contracts in excess of \$10,000]

Except as may be otherwise provided in the contract documents, the following termination provisions apply to this contract:

1. ARRC may, for its sole convenience, terminate this contract in whole or in part, at any time by giving written notice of its intention to do so. In the event of such termination, Contractor shall be entitled to receive payment in accordance with the payment provisions of this contract for charges incurred prior to the effective date of termination. Contractor shall not be paid for any work done after receipt of a notice of cancellation or for any costs incurred by Contractor's suppliers or subcontractors which Contractor could reasonably have avoided. In no event shall ARRC be liable for unabsorbed overhead or anticipatory profit on unperformed work.
2. In addition to ARRC's right to terminate this contract for its convenience, ARRC may, by written notice of default to Contractor, terminate the contract in whole or in part in the following circumstances:
  - (a) The Contractor refuses or fails to perform its obligations under the contract, or fails to make progress so as to significantly endanger timely completion or performance of the contract in accordance with its terms, and Contractor does not cure such default within a period of ten (10) days after receipt of written notice of default from ARRC or within such additional cure period as ARRC may authorize; or
  - (b) Reasonable grounds for insecurity arise with respect to Contractor's expected performance and Contractor fails to furnish adequate assurance of due performance

(including assurance of performance in accordance with the time requirements of the contract) within ten (10) days after receipt of a written request by ARRC for adequate assurance; or

(c) Contractor becomes insolvent or makes an assignment for the benefit of creditors or commits an act of bankruptcy or files or has filed against it a petition in bankruptcy or reorganization proceedings.

3. Upon receipt of a notice of cancellation or termination, Contractor shall immediately discontinue all performance and it shall immediately cause any of its suppliers or subcontractors to cease such work unless the notice directs otherwise and deliver immediately to ARRC all products, reports, plans, drawings, specifications, data, summaries or other materials and information, whether completed or in process, accumulated by Contractor in performance of the contract. The rights and remedies of ARRC provided in this section shall not be exclusive and are in addition to any other rights and remedies provided by law.

30. **Prohibition on Certain Telecommunications and Video Surveillance Services and Equipment 2 CFR § 200.216** [Applicable to all Federal-aid contracts]

Contractor and Subcontractor agree to comply with mandatory standards and policies relating to use and procurement of certain telecommunications and video surveillance services or equipment in compliance with the National Defense Authorization Act [Public Law 115-232 § 889].

31. **Notification to FTA; Flow Down Requirement – FTA Master Agreement, Section 39(b)(1), (2); 2 CFR 180.220; 2 CFR 1200.220** [Applies to FTA-funded contracts/third party contracts in excess of \$25,000]

If a current or prospective legal matter that may affect the Federal Government emerges, CONTRACTOR shall promptly notify ARRC, the FTA Chief Counsel, and the Regional Counsel for FTA Region 10. CONTRACTOR shall include these requirements as a flow down clause in any subcontract related to this Contract. The types of legal matters that require notification include, but are not limited to, a major dispute, breach, default, litigation, or naming the Federal Government as a party to litigation or a legal disagreement in any forum for any reason.

32. **Veteran Hiring Preference – 49 USC § 5325(k)** [Applies to all FTA-funded contracts for capital construction projects]

Contractor shall give a hiring preference, to the extent practicable, to veterans (as defined in 5 USC § 2108) who have the requisite skills and abilities to perform the construction work required under the Contract. This clause shall not be understood, construed or enforced in any manner that would require an employer to give a preference to any veteran over any equally qualified applicant who is a member of any racial or ethnic minority, female, an individual with a disability, or a former employee.

## **APPENDIX G – FORMS**

1. ALASKA RAILROAD CORPORATION - CONSTRUCTION BID FORM
2. ALASKA RAILROAD CORPORATION - BID BOND
3. ALASKA RAILROAD CORPORATION - CONTRACTOR RESPONSIBILITY QUESTIONNAIRE
4. ALASKA RAILROAD CORPORATION - SUBCONTRACTOR LIST - [First Tier Subcontractors Only]
5. ALASKA RAILROAD CORPORATION - PAYMENT BOND
6. ALASKA RAILROAD CORPORATION - PERFORMANCE BOND
7. ALASKA RAILROAD CORPORATION - SAMPLE CONSTRUCTION CONTRACT

**Alaska Railroad Corporation  
CONSTRUCTION BID FORM**

**NAME** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

\_\_\_\_\_

**To the CONTRACTING OFFICER, ALASKA RAILROAD CORPORATION:**

In compliance with your Invitation to Bid Number, \_\_\_\_\_, the Undersigned proposes to furnish and deliver all the materials and do all the work and labor required in the construction of the \_\_\_\_\_, located at or near \_\_\_\_\_ according to the plans and specifications and for the amount and prices named herein as indicated on the Cost Schedule, which is made a part of this Bid.

The Undersigned declares that he/she has carefully examined the contract requirements and that he/she has made a personal examination of the site of the work; that he/she understands that the quantities, where such are specified in the Cost Schedule or on the plans for this Project, are approximate only and subject to increase or decrease, and that he/she is willing to perform increased or decreased quantities of work at unit prices bid under the conditions set forth in the Contract Documents.

The Undersigned hereby agrees to execute the said contract and bonds within **Ten (10) Calendar Days**, or such further time as may be allowed in writing by the Contracting Officer, after receiving notification of the acceptance of this Bid, and it is hereby mutually understood and agreed that in case the Undersigned does not, the accompanying bid guarantee shall be forfeited to the Alaska Railroad Corporation as liquidated damages, and said Contracting Officer may proceed to award the contract to others.

The Undersigned agrees to commence the work within **Ten (10) Calendar Days** after the effective date of the Notice to Proceed and to complete the work by \_\_\_\_\_, unless extended in writing by the Contracting Officer.

The Undersigned proposes to furnish a Payment Bond in the amount of One Hundred Percent (100%) and a Performance Bond in the amount of One Hundred Percent (100%) (of the contract), as surety conditioned for the full, complete and faithful performance of this contract.

The Undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each).

<b>Addenda No. Date Issued</b>	<b>Addenda No. Date Issued</b>	<b>Addenda No. Date Issued</b>
--------------------------------	--------------------------------	--------------------------------

_____	_____	_____
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_____	_____	_____
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_____	_____	_____
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**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:

---

Signature

---

Name and Title of Person Signing

---

Telephone Number

---

Email

Form 395-0121 (12/99)

## ALASKA RAILROAD CORPORATION – BID BOND

<b>ITB #25-56-213663 Healy Slope Stabilization 357.1</b>			<b>DATE BOND EXECUTED</b>	
<b>PRINCIPAL (Legal name and business address)</b>			<b>TYPE OF ORGANIZATION</b>	
			<input type="checkbox"/> <b>INDIVIDUAL</b> <input type="checkbox"/> <b>PARTNERSHIP</b> <input type="checkbox"/> <b>JOINT VENTURE</b> <input type="checkbox"/> <b>CORPORATION</b>	
			<b>9     STATE OF INCORPORATION</b>	
<b>SURETY(IES) (Name and business address)</b>				
<b>A.</b>		<b>B.</b>		<b>C.</b>
<b>PENAL SUM OF BOND</b>			<b>DATE OF BID</b>	
<p>We, the <b>PRINCIPAL</b> and <b>SURETY</b> above named, are held and firmly bound to the Alaska Railroad Corporation (ARRC), in the penal sum of the amount stated above, for the payment of which sum will be made, we bind ourselves and our legal representatives and successors, jointly and severally, by this instrument.</p> <p><b>THE CONDITION OF THE FOREGOING OBLIGATION</b> is that the Principal has submitted the accompanying bid or proposal in writing, date as shown above, on the following project: _____, in accordance with contract documents filed in the office of the Contracting Officer, and under the Invitation for Bids therefore, and is required to furnish a bond in the amount stated above.</p> <p>If the Principal's bid is accepted and he/she is offered the proposed contract for award, and if Principal fails to enter into the contract, then the obligation to ARRC created by this bond shall be in full force and effect.</p> <p>If the Principal enters into the contract, then the foregoing obligation is null and void.</p>				
<b>PRINCIPAL</b>				
Signature(s)	1.	2.	3.	Corporate Seal
Name(s) & Titles [Typed]	1.	2.	3.	

<b>CORPORATE SURETY(IES)</b>				
<b>S U R E T Y  A</b>	Name of Corporation		State of Incorporation	Liability Limit \$
	Signature(s)	1.	2.	Corporate Seal
	Name(s) & Titles [Typed]	1.	2.	

<b>CORPORATE SURETY(IES)</b>				
<b>S U R E T Y  B</b>	<b>Name of Corporation</b>		<b>State of Incorporation</b>	<b>Liability Limit \$</b>
	<b>Signature(s)</b>	1.	2.	<b>Corporate Seal</b>
	<b>Name(s) &amp; Titles [Typed]</b>	1.	2.	

<b>CORPORATE SURETY(IES)</b>				
<b>S U R E T Y  C</b>	<b>Name of Corporation</b>		<b>State of Incorporation</b>	<b>Liability Limit \$</b>
	<b>Signature(s)</b>	1.	2.	<b>Corporate Seal</b>
	<b>Name(s) &amp; Titles [Typed]</b>	1.	2.	

### **INSTRUCTIONS**

1. This form shall be used whenever a bid bond is submitted.
2. Insert the full legal name and business address of the Principal in the space designated. If the Principal is a partnership or joint venture, the names of all principal parties must be included (e.g., "Smith Construction, Inc. and Jones Contracting, Inc. dba Smith/Jones Builders, a Joint Venture"). If the Principal is a corporation, the name of the state in which incorporated shall be inserted in the space provided.
3. Insert the full legal name and business address of the Surety in the space designated. The Surety on the bond may be any corporation or partnership authorized to do business in Alaska as an insurer under AS 21.09. Individual sureties will not be accepted.
4. The penal amount of the bond may be shown either as an amount (in words and figures) or as a percent of the contract bid price (a not-to-exceed amount may be included).
5. The scheduled bid opening date shall be entered in the space marked Date of Bid.
6. The bond shall be executed by authorized representatives of the Principal and Surety. Corporations executing the bond shall also affix their corporate seal.
7. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
8. The states of incorporation and the limits of liability of each surety shall be indicated in the spaces provided.
9. The date that bond is executed must not be later than the bid opening date.



**ALASKA RAILROAD CORPORATION  
CONTRACTOR RESPONSIBILITY QUESTIONNAIRE**

**PART I - INSTRUCTIONS**

1. All Bidders/Proposers submitting a Bid/Proposal for federally funded contracts are to complete and submit all Parts of this Questionnaire with their Bid or Proposal. Failure to complete and return this questionnaire, any false statements, or failure to answer question when required, may render the bid/proposal non-responsive. All responses must be typewritten or printed in ink. All information must be legible.
2. Please state "not applicable" in questions clearly not applicable to Bidder/Proposer in connection with this solicitation. Do not omit any question.
3. The completed Questionnaire must be sworn to by a partner (if partnership), a duly authorized officer or individual (if a corporation or LLC), or a principal (if a sole proprietorship).
4. The term "Proposer" includes the term "Bidder" and also refers to the firm awarded the Contract. The term "Proposal" includes the term "Bid".
5. ARRC reserves the right to inquire further with respect to Proposer's responses; and Proposer consents to such further inquiry and agrees to furnish all relevant documents and information as requested by ARRC. Any response to this document prior or subsequent to Proposer's Proposal which is or may be construed as unfavorable to Proposer will not necessarily automatically result in a negative finding on the question of Proposer's responsibility or a decision to terminate the contract if it is awarded to Proposer.

**PART II - IDENTITY OF PROPOSER**

1. Proposer's Full Legal Name: \_\_\_\_\_
2. The Proposer represents that it operates as the following form of legal entity:  
(Check whichever applies and fill in any appropriate blanks.)
  - ☐ an individual or sole proprietorship
  - ☐ a general partnership
  - ☐ a limited partnership
  - ☐ a joint venture consisting of: \_\_\_\_\_ and \_\_\_\_\_  
(List all joint ventures on a separate sheet if this space is inadequate.)
  - ☐ a non-profit organization
  - ☐ a corporation organized or incorporated under the laws of the following state  
or country: \_\_\_\_\_ on the following date: \_\_\_\_\_
  - ☐ a limited liability company organized under the laws of the following state or  
country: \_\_\_\_\_ on the following date: \_\_\_\_\_

3. Proposer's federal taxpayer identification number: \_\_\_\_\_
4. Proposer's Alaska business license number: \_\_\_\_\_
5. Proposer's contractor's license number (for construction only): \_\_\_\_\_
6. Proposer's legal address: \_\_\_\_\_

Telephone Number: (\_\_\_\_) \_\_\_\_\_ Fax Number: (\_\_\_\_) \_\_\_\_\_

7. Proposer's local or authorized point of contract address:

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: (\_\_\_\_) \_\_\_\_\_ EMAIL: \_\_\_\_\_

8. How long has the Proposer been in business? \_\_\_\_\_
9. Has Proposer been in business under another name? If so, identify name and dates used.

\_\_\_\_\_  
\_\_\_\_\_

10. Does your firm consider itself to be an MBE, WBE or DBE?

YES ☐ NO ☐

If answer is "YES," attach a copy of certification.

11. Number of employees: \_\_\_\_\_ including \_\_\_\_\_ employees in the State of Alaska.

### PART III-CONTRACTING HISTORY

1. Has the Proposer been awarded any contracts within the last five years by ARRC, the State of Alaska, or any other public entity for the same or reasonably similar goods or services sought by this solicitation? If none, answer "No". If yes, on a separate sheet of paper describe those contracts beginning with the most recent. State the name of the contracting entity; give a brief description of the contract and the contract number, the dollar amount at award and at completion, date completed; state the contract period, the status of the contract, and the name, address, and telephone number of a contact person at the agency. Indicate if

award was made to Proposer as prime contractor or joint venture. Proposer need not provide more than three such descriptions.

YES ☐

NO ☐

2. Has the Proposer been awarded any private sector contracts within the last five years for the same or reasonably similar goods or services sought by this solicitation? If none, answer "No." If yes, on a separate sheet of paper provide the name and address of the contracting entity, a brief description of work, the dollar amount at award and at completion, date completed, status of the contract and name, address and telephone number of contact person as to each, beginning with the most recent. Indicate if Proposer acted as prime contractor or joint venture. Proposers need not provide more than three such descriptions.

YES ☐

NO ☐

**NOTE: ANY "YES" ANSWERS TO #3 BELOW MUST BE FULLY EXPLAINED ON A SEPARATE SHEET OF PAPER AND ATTACHED TO THIS QUESTIONNAIRE.**

3. In the past five years has the Proposer been the subject of any of the following actions?

A. Been suspended, debarred, disqualified, or otherwise declared ineligible to bid?

YES ☐

NO ☐

B. Failed to complete a contract for a public or private entity?

YES ☐

NO ☐

C. Been denied a low-bid contract in spite of being the low bidder?

YES ☐

NO ☐

D. Had a contract terminated for any reason, including default?

YES ☐

NO ☐

E. Had liquidated damages assessed against it during or after completion of a contract?

YES ☐

NO ☐

F. Been a defaulter, as principal, surety or otherwise?

YES ☐

NO ☐

G. Been denied an award of a public contract based upon a finding by a public agency that your company was not a responsible contractor?

YES ☐

NO ☐

H. A public entity requested or required enforcement of any of its rights under a surety agreement on the basis of your company's default or in lieu of declaring your company in default?

YES ☐ NO ☐

I. Been denied a performance or payment bond by a surety company?

YES ☐ NO ☐

J. Been required to pay back wages and/or penalties for failure to comply with state or federal prevailing wage or overtime laws?

YES ☐ NO ☐

4. Does Proposer currently possess the financial, organizational, technical, equipment, facilities, and other resources necessary to supply the goods or services sought by this solicitation? If no, on a separate sheet of paper describe how you intend to obtain the resources necessary to supply the goods or services sought by this solicitation.

YES ☐ NO ☐

5. Does Proposer have any present or anticipated commitments and/or contractual obligations that might impact its ability to meet the required delivery or performance requirements of this solicitation? If yes, on a separate sheet of paper describe any apparent conflicts as between the requirements/commitments for this solicitation with respect to the use of Proposer's resources, such as management, technical expertise, financing, facilities, equipment, etc.

YES ☐ NO ☐

#### **PART IV-CIVIL ACTIONS**

**If "Yes" to Parts IV or V, provide details on a separate sheet of paper including a brief summary of cause(s) of action; indicate if Proposer, its principals, officers or partners were plaintiffs or defendants; define charges explicitly, by what authority, court or jurisdiction, etc. In the case of tax liens, please indicate whether the liens were resolved with the tax authorities. Please submit proof of payment or agreements to pay the liens. Complete details are required!**

1. Violations Of Civil Law. In the past five years has Proposer, any of its principals, officers or partners been the subject of an investigation of any alleged violation of a civil antitrust law, or other federal, state or local civil law?

YES ☐ NO ☐

2. Lawsuits With Public Agencies. At the present time is, or during the past five years has Proposer, any of its principals, officers or partners been a plaintiff or defendant in any lawsuit or arbitration regarding services or goods provided to a public agency?

YES ☐ NO ☐

3. Bankruptcy. During the past five years, has the Proposer filed for bankruptcy or

reorganization under the bankruptcy laws?

YES ☐ NO ☐

4. Judgments, Liens And Claims. During the past five years, has the Proposer been the subject of a judgment, lien or claim of \$25,000 or more by a subcontractor or supplier?

YES ☐ NO ☐

5. Tax Liens. During the past five years, has the Proposer been the subject of a tax lien by federal, state or any other tax authority?

YES ☐ NO ☐

## **PART V-COMPLIANCE WITH LAWS AND OTHER REGULATIONS**

1. Criminal: In the past five years has the Proposer, any of its principals, officers, or partners been convicted or currently charged with any of the following:

A. Fraud in connection with obtaining, attempting to obtain, or performing a public contract, agreement or transaction?

YES ☐ NO ☐

B. Federal or state antitrust statutes, including price fixing collusion and bid rigging?

YES ☐ NO ☐

C. Embezzlement, theft, forgery, bribery, making false statements, submitting false information, receiving stolen property, or making false claims to any public agency?

YES ☐ NO ☐

D. Misrepresenting minority or disadvantaged business entity status with regard to itself or one of its subcontractors?

YES ☐ NO ☐

E. Non-compliance with the prevailing wage requirements of the State of Alaska or similar laws of any other state?

YES ☐ NO ☐

F. Violation of any law, regulation or agreement relating to a conflict of interest with respect to a government funded procurement?

YES ☐ NO ☐

G. Falsification, concealment, withholding and/or destruction of records relating to a public agreement or transaction?

YES ☐ NO ☐

H. Violation of a statutory or regulatory provision or requirement applicable to a public or private agreement or transaction?

YES ☐ NO ☐

I. Do any principals, officers or partners in Proposer's company have any felony charges pending against them that were filed either before, during, or after their employment with the Proposer?

YES ☐ NO ☐

2. Regulatory Compliance. In the past five years, has Proposer or any of its principals, officers or partners:

A. Been cited for a violation of any labor law or regulation, including, but not limited to, child labor violations, failure to pay correct wages, failure to pay into a trust account, failure to remit or pay withheld taxes to tax authorities or unemployment insurance tax delinquencies?

YES ☐ NO ☐

B. Been cited and assessed penalties for an OSHA or Alaska/OSHA "serious violation"?

YES ☐ NO ☐

C. Been cited for a violation of federal, state or local environmental laws or regulations?

YES ☐ NO ☐

D. Failed to comply with Alaska corporate registration, federal, state or local licensing requirements?

YES ☐ NO ☐

E. Had its corporate status, business entity's license or any professional certification, suspended, revoked, or had otherwise been prohibited from doing business in the State of Alaska?

YES ☐ NO ☐

## **PART VI-FINANCIAL**

**Copies of the following documents are to be submitted with this Questionnaire:**

1. Proposer's current Alaska Business License, if required by state law.
2. Proposer's Financial Statements may be requested:

A. PUBLICLY TRADED COMPANIES: Financial information will be accessed on-line. However, if additional information is needed, it will be specifically requested from the Proposer.

B. NON-PUBLICLY TRADED COMPANIES WITH AUDITED OR REVIEWED FINANCIAL STATEMENTS: Statements, including balance sheet, statement of earnings and retained income, with footnotes, for the most recent three years **may be requested.**

**NOTE: ARRC reserves the right to ask for additional documentation if it is reasonably required to make a determination of integrity and responsibility relevant to the goods or services the Proposer will provide to ARRC if awarded a contract. All financial information provided is considered confidential and not subject to public disclosure under Alaska law.**

## **PART VII -VERIFICATION AND ACKNOWLEDGMENT**

The undersigned recognizes that the information submitted in the questionnaire herein is for the express purpose of inducing ARRC to award a contract, or to allow Proposer to participate in ARRC projects as contractor, subcontractor, vendor, supplier, or consultant. The undersigned has read and understands the instructions for completing this Questionnaire.

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

I, (printed name) \_\_\_\_\_, being first duly sworn, state that I am the (title) \_\_\_\_\_ of Proposer. I certify that I have read and understood the questions contained in the attached Questionnaire, and that to the best of my knowledge and belief all information contained herein and submitted concurrently or in supplemental documents with this Questionnaire is complete, current, and true. I further acknowledge that any false, deceptive or fraudulent statements on the Questionnaire will result in denial or termination of a contract.

I authorize ARRC to contact any entity named herein, or any other internal or outside resource, for the purpose of verifying information provided in the Questionnaire or to develop other information deemed relevant by ARRC.

\_\_\_\_\_  
Signature of Certifying Individual

\_\_\_\_\_  
Date

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Signature of Notary

Notary Public in and for the State of \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

### **NOTICE TO PROPOSERS**

**A material false statement, omission or fraudulent inducement made in connection with this Questionnaire is sufficient cause for denial of a contract award or revocation of a prior contract award, thereby precluding the Proposer from doing business with, or performing work for ARRC, either as a vendor, prime contractor, subcontractor, consultant or subconsultant for a period of five years. In addition, such false submission may subject the person and/or entity making the false statement to criminal charges under applicable state and/or federal law.**



**ALASKA RAILROAD CORPORATION  
SUBCONTRACTOR LIST**

[First Tier Subcontractors Only]

The apparent low bidder shall complete this form and submit it so as to be received by the Contracting Officer prior to the close of business on the **Fifth (5<sup>th</sup>) Working Day** after receipt of written notice from the Alaska Railroad Corporation.

Failure to submit this form with all required information by the due date will result in the bidder being declared non-responsive and may result in the forfeiture of the Bid Security.

Scope of work must be clearly defined. If an item of work is to be performed by more than one (1) firm, indicate the portion or percent of work to be done by each.

Check as applicable:

☐

All work on the below-referenced project will be accomplished without subcontracts greater than ½ of 1% of the contract amount.

Or

☐

Subcontractor List is as follows:

FIRM NAME, ADDRESS, TELEPHONE NUMBER	BUSINESS LICENSE NUMBER AND CONTRACTOR'S REGISTRATION NUMBER	SCOPE OF WORK TO BE PERFORMED	TOTAL DOLLAR AMOUNT OF WORK

[CONTINUE SUBCONTRACTOR INFORMATION ON REVERSE]

**I hereby certify that the above-listed licenses and registrations were valid at the time bids were received for this project. For contracts involving Federal-aid funding, Alaska Business License and Contractor Registration will be required prior to award of a subcontract.**

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
SIGNATURE BY AND FOR THE BIDDER

\_\_\_\_\_  
COMPANY ADDRESS

\_\_\_\_\_  
PRINTED NAME OF BIDDER

\_\_\_\_\_  
COMPANY ADDRESS

\_\_\_\_\_  
DATE OF BID

\_\_\_\_\_  
CONTACT PHONE NUMBER

\_\_\_\_\_  
CONTACT E-MAIL ADDRESS

**ALASKA RAILROAD CORPORATION  
PAYMENT BOND**

**KNOW ALL PERSONS BY THESE PRESENTS:**

That \_\_\_\_\_  
of: \_\_\_\_\_ as Principal,  
and \_\_\_\_\_  
of: \_\_\_\_\_ as Surety,  
firmly bound and held unto the Alaska Railroad Corporation in the penal sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_),  
good and lawful money of the United States of America for the payment whereof, well and truly to be paid  
to the Alaska Railroad Corporation, we bind ourselves, our heirs, successors, executors, administrators,  
and assigns, jointly and severally, firmly by these presents.

**WHEREAS**, the said Principal has entered into a written contract with said Alaska Railroad Corporation,  
on the \_\_\_\_\_ of \_\_\_\_\_, 20\_\_\_\_\_,  
for \_\_\_\_\_, said work to be done  
according to the terms of said contract. **ARRC Project: ITB 25-56-213663 Healy Slope  
Stabilization 357.1**

**NOW, THEREFORE**, the conditions of the foregoing obligation is such that if the said Principal shall comply  
with all requirements of law and pay, as they become due, all just claims for labor performed and materials  
and supplies furnished upon or for the work under said contract, whether said labor be performed and said  
materials and supplies be furnished under the original contract, any subcontract, or any and all duly  
authorized modifications thereto, then these presents shall become null and void; otherwise they shall  
remain in full force and effect.

**IN WITNESS WHEREOF**, We have hereunto set our hands and seals this \_\_\_\_\_ day of  
\_\_\_\_\_, 20\_\_\_\_\_.

Principal: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Contact Name: \_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

Surety: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

The offered bond has been checked for adequacy under the applicable statutes and regulations:

\_\_\_\_\_  
Alaska Railroad Corporation [Authorized Representative]  
(Instructions on Next Page)

\_\_\_\_\_  
Date

## **INSTRUCTIONS**

1. This form, for the protection of persons supplying labor and material, shall be used whenever a payment bond is required. There shall be no deviation from this form without approval from the Contracting Officer.
2. The full legal name, business address, telephone number, and point of contact of the Principal and Surety shall be inserted on the face of the form. Where more than a single surety is involved, a separate form shall be executed for each surety.
3. The penal amount of the bond, or in the case of more than one surety the amount of obligation, shall be entered in words and in figures.
4. The bond shall be signed by authorized persons. Where such persons are signing in a representative capacity (e.g., an attorney-in-fact), but is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved, evidence of authority must be furnished.

**Form 395-0126**

**ALASKA RAILROAD CORPORATION  
PERFORMANCE BOND**

**KNOW ALL PERSONS BY THESE PRESENTS:**

That \_\_\_\_\_  
of: \_\_\_\_\_ as Principal,  
and \_\_\_\_\_  
of: \_\_\_\_\_ as Surety,  
firmly bound and held unto the Alaska Railroad Corporation in the penal sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_),  
good and lawful money of the United States of America for the payment whereof, well and truly to be paid  
to the Alaska Railroad Corporation, we bind ourselves, our heirs, successors, executors, administrators,  
and assigns, jointly and severally, firmly by these presents.

**WHEREAS**, the said Principal has entered into a written contract with said Alaska Railroad Corporation,  
on the \_\_\_\_\_ of \_\_\_\_\_, 20\_\_\_\_,  
for \_\_\_\_\_,

said work to be done according to the terms of said contract. **ARRC Project: ITB 25-56-213663**

**Healy Slope Stabilization**

**NOW, THEREFORE**, the conditions of the foregoing obligation is such that if the said Principal shall well  
and truly perform and complete all obligations and work under said contract and if the Principal shall  
reimburse upon demand of the Alaska Railroad Corporation any sums paid him/her which exceed the final  
payment determined to be due upon completion of the project, then these presents shall become null and  
void; otherwise they shall remain in full force and effect.

**IN WITNESS WHEREOF**, We have hereunto set our hands and seals this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Principal: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Contact Name: \_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

Surety: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

The offered bond has been checked for adequacy under the applicable statutes and regulations:

\_\_\_\_\_  
Alaska Railroad Corporation

(Instructions on Next Page)

\_\_\_\_\_  
[Authorized Representative]      Date

## **INSTRUCTIONS**

1. This form shall be used whenever a performance bond is required. There shall be no deviation from this form without approval from the Contracting Officer.
2. The full legal name, business address, telephone number, and point of contact of the Principal and Surety shall be inserted on the face of the form. Where more than a single surety is involved, a separate form shall be executed for each surety.
3. The penal amount of the bond, or in the case of more than one surety the amount of obligation, shall be entered in words and in figures.
4. The bond shall be signed by authorized persons. Where such persons are signing in a representative capacity (e.g., an attorney-in-fact), but is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved, evidence of authority must be furnished.

**Form 395-0127**

**ALASKA RAILROAD CORPORATION  
CONSTRUCTION CONTRACT**

**Contract Number:** \_\_\_\_\_

This CONTRACT, between the ALASKA RAILROAD CORPORATION, herein called ARRC, acting by and through its Contracting Officer, and \_\_\_\_\_, a Corporation, incorporated under the laws of the State of Alaska, its successors and assigns, hereinafter called the Contractor, is effective the date of the signature of the Contracting Officer on this document.

**Billing Information:** Invoices shall be submitted to Accounts Payable, Alaska Railroad Corporation, PO Box 107500, Anchorage, AK 99510-7500. Please reference your contract number on all invoices and correspondence.

**WITNESSETH:** That the Contractor, for and in consideration of the payment or payments herein specified and agreed to by ARRC, hereby covenants and agrees to furnish and deliver all the materials and to do and perform all the work and labor required in the construction of the following project:  
\_\_\_\_\_ at the prices bid by the Contractor for the respective estimated quantities aggregating approximately the sum of: **Bid amount** \_\_\_\_\_ **dollars and /cents (\$\_\_\_\_\_.**00) for the Base Bid and such other items as are mentioned in the original Bid, which Bid and prices named, together with the Contract Documents (Invitation to Bid, Addenda & Contract) and Contractors Bid are made a part of this Contract and accepted as such, the project being situated at the Port of Anchorage, Alaska.

It is distinctly understood and agreed that no claim for additional work or materials, done or furnished by the Contractor and not specifically herein provided for shall be allowed by ARRC, nor shall the Contractor do any work or furnish any material not covered by this Contract, unless such work is ordered in writing by ARRC. In no event shall ARRC be liable for any materials furnished or used, or for any work or labor done, unless the materials, work, or labor are required by the Contract or on written order furnished by ARRC. Any such work or materials which may be done or furnished by the Contractor without written order first being given shall be at the Contractor's own risk, cost, and expense and the Contractor hereby covenants and agrees to make no claim for compensation for work or materials done or furnished without any such written order.

The Contractor further covenants and agrees that all materials shall be furnished and delivered and all labor shall be done and performed, in every respect, to the satisfaction of ARRC, by **October 1<sup>st</sup>, 2026**

It is expressly understood and agreed that in case of the failure on the part of the Contractor, for any reason, except with the written consent of ARRC, to complete the furnishing and delivery of materials and the doing and performance of the work before the aforesaid date, ARRC shall have the right to deduct from any money due or which may become due the Contractor, or if no money shall be due, ARRC shall have the right to recover liquidated damages as spelled out in General Conditions, Construction. The bonds given by the Contractor in the sum of: **100% of Bid Amount \$\_\_\_\_\_ Payment Bond, and 100% of Bid Amount \$\_\_\_\_\_ Performance Bond**, to secure the proper compliance with the terms and provisions of this Contract, are submitted herewith and made a part hereof.

**IN WITNESS WHEREOF**, the parties hereto have executed this Contract and hereby agree to its terms and conditions.

**CONTRACTOR**

\_\_\_\_\_  
Name of Contractor

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name and Title

**(Corporate Seal)**

**ALASKA RAILROAD CORPORATION**

\_\_\_\_\_  
Contracting Officer (Signature)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Typed or Print Name

## **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 with 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. 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 FTA and ARRC funds.

<b>BASE BID: ITEMS</b>					
<b>Item No.</b>	<b>Item Description</b>	<b>Unit</b>	<b>Quantity <sup>1</sup></b>	<b>Unit Bid Price</b>	<b>Amount Bid</b>
201.0003	CLEARING AND GRUBBING	ACRE	5.5		
203.0003	UNCLASSIFIED EXCAVATION	CUBIC YARD	23,000		
203.0005	BORROW, TYPE A	CUBIC YARD	100		
203.0006	SELECTED MATERIAL, REUSABLE	TON	25,000		
603.0001	CMP, 24 INCH DIAMETER	LINEAR FOOT	26		
603.0023.1	SMOOTH STEEL PIPE, 8 INCH DIAMETER	LINEAR FOOT	140		
603.0023.2	SMOOTH STEEL PIPE, 36 INCH DIAMETER	LINEAR FOOT	55		
603.0024	CLEAN AND REPAIR PIPE	EACH	1		
603.0025	LINER FOR STORM DRAIN, 36 INCH DIAMETER	EACH	1		
603.0026.1	DRIVEN PIPE, 8 INCH DIAMETER	LINEAR FOOT	140		
603.0026.2	DRIVEN PIPE, 36 INCH DIAMETER	LINEAR FOOT	55		
605.0005	POROUS BACKFILL MATERIAL	CUBIC YARD	2,000		
605.0006	PERFORATED CORRUGATED HDPE PIPE FOR UNDERDRAIN, 6 INCH	LINEAR FOOT	2,620		
610.0005	POROUS BACKFILL MATERIAL	CUBIC YARD	2,000		
611.0001.1	RIPRAP, CLASS I	CUBIC YARD	2,000		



**BASE BID: ITEMS**

Item No.	Item Description	Unit	Quantity <sup>1</sup>	Unit Bid Price	Amount Bid
611.0001.2	RIPRAP, CLASS II	CUBIC YARD	180		
631.0001	GEOTEXTILE, DRAINAGE, CLASS 2	SQUARE YARD	6,500		
631.0002	GEOTEXTILE, EROSION CONTROL, CLASS 1	SQUARE YARD	3,900		
633.0001	SILT FENCE	LINEAR FOOT	1,250		
640.0001	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	ALL REQUIRED		
641.0001	EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED		
641.0003	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	LUMP SUM	ALL REQUIRED		
641.0007	SWPPP MANAGER	LUMP SUM	ALL REQUIRED		
642.0001	CONSTRUCTION SURVEYING	LUMP SUM	ALL REQUIRED		
646.0001	CPM SCHEDULING	LUMP SUM	ALL REQUIRED		
Total Base Bid					\$

Notes:

<sup>1</sup> 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 Bid Schedule.

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

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CONTACT PHONE NUMBER

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CONTACT E-MAIL