



ALASKA RAILROAD CORPORATION
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September 29, 2019

Addendum Number 1
Invitation to Bid 19-36-207551
Potter Hill Earthquake Damage Repair & Restoration

This addendum is being issued to provide information as follows: : THE CLOSING DATE FOR THIS SOLICITATION HAS CHANGED AS FOLLOWS, SEALED BIDS WILL BE RECEIVED AT RECEPTIONS, ALASKA RAILROAD CORP. 327 W. SHIP CREEK AVENUE, ANCHORAGE AK 99501 UNTIL 3:00 PM LOCAL TIME ON, **OCTOBER 4, 2019 AT WHICH TIME BIDS WILL BE PUBLICLY OPENED.**

BID INFORMATION, CONDITIONS & INSTRUCTIONS:

Closing date changed to October 4th, 2019.

MODIFICATION - APPENDIX J: COST SCHEDULE

Remove Appendix J: Cost Schedule, in its entirety, and replace with the attached revised cost schedule.

BIDDER QUESTIONS:

1. Please provide a copy of the sign-in sheet for the pre-bid site visit.
Previously provided.
2. Section 611 Riprap uses the terms Riprap, Angular Rock fill, Angular structural rock fill and also calls out geotextile, and erosion control in the materials. The Drawings identify Geotextile associated with the drain rock but in no other detail is geotextile called out or shown. Is the intent that for the entire area where the angular rock is to be placed that Geotextile be used or just where the bench drains are located?
Place fabric in accordance with Section 729 prior to placement of all Angular Rock material and for bench drains.
3. Please provide a detail for the fasteners to secure the pipe and identify locations for placement for that portion that is above ground.
Detail is to be selected and submitted by the contractor and approved by the ARRC prior installation. Otherwise, secure all exposed pipe by burying with a minimum of 18" (from top of pipe) 3" minus material with 2:1 side slopes. Material must be compacted. The ARRC puts preference toward the cost saving alternative.

4. Quantities shown in the table ESTIMATED SLOPE STABILIZATION QUANTITIES on sheet 2 of 12 do not match the bid schedule please clarify?
16360 C.Y. of Excavation
10971 C.Y. of Compacted Sand/Gravel
Quantities are estimated and based on geotechnical data available at the time of design.
5. In note 2 of the bid schedule it states “Award of this proposal is to be made on total derived from the sum of the Base Bid items” but under Appendix B Evaluation of bids it states “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.” What is the basis for evaluation of Bids?
Bids will be evaluated on Base Bid items plus any Additive Alternates that are awarded. For any Additive Alternate work to be awarded, its cost must be evaluated.
- If no Additive Alternate work is awarded, then bids will be evaluated solely on the basis of the Base Bid.*
6. SC-10 states “This Supplemental Condition supersedes the requirements of General Condition Sections 6.5.7 time requirements for submitting Schedule of Values for all of the work which will include quantities and prices of aggregating the Contract Amount and will subdivide the Work must be submitted at the time of the Bid Submission.” Please provide clarification on providing a breakdown of Lump Sum bid items and how this shall be incorporated into our Bid submittal package.
Please see SC-10, the separately attached breakdown should include all estimated cost including all materials, equipment, labor, supervision, transportation, disposal, administration and all other incidentals necessary to complete the project in accordance with referenced specifications, these Supplemental Conditions and the Contract Drawings, referred to in aggregate as the Contract Documents.
7. The bid schedule identifies item No. 611 Place Angular Rock and section 611 Riprap but also uses the term Angular Rock Fill. Please clarify the specification/gradation for the 10,400 CY identified in the bid item?
Please see section 611 of the Technical Specifications. Please also see Page No. 2 of the Plans.
Rock Fill shall be comprised of evenly-graded stones that are hard and angular. Stone shapes should have breadth and width at least ¼ of their length. Not more than 10 percent of particles may be smaller than 3 inches. At least 70 percent of particles shall have two angular to subangular faces.
Rocks may be larger in size, but must be evenly graded.
8. Quick clarification: Who covers the costs of the ARRC Flaggers?
Page 116 (6.17.8) says “Whenever an ARRC flag person is required for performance of the Work, he or she will be provided by the ARRC at no expense to the Contractor. A minimum of 48 hours notice is required for ARRC flag protection.”
Page 163 of the ITB states “Flagging will be billed out at a daily rate of \$1,200.00 per flagger, per 12 hour shift. The rate will not be prorated for partial shifts. Anything over 12 hours will be billed an additional day at the daily rate stated.”

The Contractor shall provide, as a part of their schedule, when and how long they anticipate needing flag protection for work occurring near the tracks. This may include items such as cleaning out ditch line catch basins, ditch line grading work and haul road construction/maintenance. The ARRC will cover all cost for flagging within the approved schedule. It is not the intent of the contract to maintain full time flag protection throughout the duration of the project.

9. Will the Borrow (301 304 203) item be used for only materials obtained from sources outside the project right-of-way limits or will the material that can be salvaged and reused as borrow from the site be paid for under the Borrow (301 304 203) item?

Any and all placed material, meeting all specified requirements shall be paid for under the Borrow Pay item.

10. The specifications (section 703-2.07) list a "D" material that is not used, what is the purpose of this specification? It also does not list a "C" material?

This was a typo. Please remove "Type D" and replace with "Type C" for material requirements found in Section 703-2.07.

11. Drawing sheet 2 of 12 list the "C" material and notes a maximum of 15% fines on the 3" minus material, please clarify the size of "fines". This is not typical for "C" material and will provide an unreasonable risk to the contractors in determining whether the excavation material meets this requirement.

Please see Question No. 10.

12. Has ARRC engaged the DOT about the need of traffic control at the projects access from the Seward Highway? If so what direction has been provided by the DOT in regards to traffic control needs for trucks exiting and entering the Seward highway?

No, that is the contractor's responsibility.

13. Muck excavation is listed on the bid schedule but no quantity is identified in the plans? How will this item be identified in the field, and how will the backfill of the muck excavation area be paid?

The bid quantity for Much excavation is estimated to be approximately 1000 CY, as identified in the bid schedule. See section 203-4.01 and 203-5.01.

14. The bid schedule list 7 acres as the bid quantity but the new slope areas are much smaller than that, does ARRC intend to pay for seeding in ALL disturbed areas including access, etc.?

Seeding is required as mandated in the approved SWPPP. This pay item has been modified in the bid schedule to be a Lump Sum Item

15. Bid item A-4 calls for the bidders to coordinate, permit, negotiate ROW for work outside the project limits in addition to providing a detailed plan of work with our bids for a lump sum price with absolutely no scope of work identified or available in the plans to quantify. Please provide a detailed scope of work, format for providing plans, and contacts with landowners and agencies so they may be contacted to assemble pricing and develop a plan.

After review, this item is likely not possible, therefore Bid Item A-4 has been removed from the Cost Schedule.

The intent of bid Item A-4 would be to establish a drain through the "1964 earthquake spoil berm". This berm was created as a direct result of the 1964 earthquake when the original track structure and subgrade material essentially fell away from Potter Hill in a massive landslide, coming to a stop approximately 200' south or toward the inlet of the current alignment. This berm has since prevented surface water drainage away from the base of Potter Hill, thus the massive angular rock, key toe as part of this project. If possible the ARRC would be interested in removing this standing water to improve overall slope stability, a detail of this concept can be found in the 1965 Plan Set by Clair A. Hill and Associates, Sheet No. 8. Drainage through the waste berm was established at one point, but has long since been blocked by debris and/or buildup.

16. Can you confirm the correct substantial and final completion dates?

Substantial completion = 10/22/20 per page 149 of the ITB

Final completion = 11/15/2020 per page 149 of the ITB

Final completion = 9/16/2020 per page 18 of the ITB

Final completion = 9/16/2020 per page 73 of the ITB

Substantial completion = 10/22/20 per page 149 of the ITB

Final completion = 11/15/2020 per page 149 of the ITB

Remove and replace the following text on pages 18 and 73 of the contract documents; 9/16/2020, change to 11/15/2020.

17. Is Railroad Protection Insurance required for the project?

Not Required for this contract.

18. to put in geotextile beneath the Angular Rock Fill?

See question No. 2

19. To provide railroad protective Insurance?

Not Required, see question 17.

20. The plans are not clear for the installation of pipe in the Blanket Drain item, is it intended to include pipe running along the bench elevation between the stations shown (approx. 800')? Is this pipe to be covered with drain rock and fabric also?

No, just spot locations where seeps have been identified and as seen on plans.

21. Section 729 list a specification for GEOGRID materials but these materials are not identified in the plans or bid quantities, please clarify?

Plans updated. This is a subsidiary item. See question No. 2.

22. Page 116/174 (section 6.17.8) states "Whenever an ARRC flag person is required for performance of the Work, he or she will be provided by the ARRC at no expense to the Contractor". Page 158/174 states "All ARRC cost and expense for providing such additional employees shall be collected from the Contractor, except for flagging which shall be paid for as described in the ARRC General Conditions 6.17". And Page 162-163/174 states "Flag Protection Cost: Flagging will be billed out at a daily rate of \$1,200.00 per flagger, per 12 hour shift. The rate will not be prorated for partial shifts. Anything over 12 hours will be billed an additional day at the daily rate stated." Please clarify the requirements and cost charges, if any associated with RR flagging operations

See question No. 8

23. Section SC-13 states "Owner-Submitted Permits: Copies of Owner-obtained permits are included in the Appendix." Please provide the appendix with any associated Permits.

All available material and information has been provided in the bid documents.

24. On page 44 Under description it says furnish and install GeoGrid and Geoweb then under Material it just calls out Geoweb. So are we Placing both materials at the locations showed on the plans or just the Geoweb?

Please Note, Section 634 states "furnish and install geogrid and geoweb material at locations shown on plans." Please reference the plans. See question 21 and No. 2.

25. On Page 35 section 203-3.07 Contaminated Soil/Material, Is there any ideal on how much Contaminated Material that we should expect to encounter. Would this be paid under time and material?

Contaminated soil/material is not expected to be encountered on this project. There is no pay item identified.

26. Page 31 Last sentence on the bottom of the page it says there is a disposal area indicated on the plans. I did not see a Disposal site on the plans. Can you tell me if there will be a disposal site for the contractor to use or not?

See Sheet No. 2 of the Plans under Typical Section (A).

ATTACHMENTS:

- Annotated ARRC MP103 EARTHQUAKE DAMAGE IMPROVEMENT PLANS – Sheet 2 of 12 (1 page)
- Revised Appendix J: Cost Schedule (3 pages)

Please acknowledge receipt of this and all addendums in your firm's **Construction Bid Form (Form 395-0121)**. **All other dates, terms and conditions remain unchanged.**

Please direct all responses and/or questions concerning this solicitation to Timothy Bates, Alaska Railroad Corporation, Contracts, 327 Ship Creek Avenue, Second Floor, Anchorage, AK 99501, telephone number 907-265-2355, fax number 907-265-2439 or at email address BatesT@akrr.com .

Sincerely,

Timothy Bates

Timothy Bates

Contract Administrator

Alaska Railroad Corporation