



## **ADDENDUM NO. 1**

TO: Interested Parties

FROM: Pam Mohn, P.E.  
Chief of Design, Engineering

DATE: Thursday, April 25, 2019

RE: Back Road Repair  
Contract No. RD-BR-272-10

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Acknowledge receipt of this **Addendum No. 1** by signing in the space provided below and returning with your Bid.

Failure to sign and return with your Bid may subject the Bidder to disqualification. This **Addendum No. 1** forms a part of the Bid Documents, it supplements and modifies them as outlined herein.

This **Addendum No. 1** consists of 16 pages, including this page and attachments.

I hereby acknowledge receipt of **Addendum No. 1**:

By: \_\_\_\_\_ Date \_\_\_\_\_  
Signed Name

\_\_\_\_\_  
Typed Name

\_\_\_\_\_  
Title

For: \_\_\_\_\_

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**Back Road Repair**  
**County Contract No. RD-BR-272-10**

Date Issued: **Thursday, April 25, 2019**

Bids Due: **Friday, May 3, 2019**  
**11:00 a.m., E.S.T.**

The following addendum material is hereby made a part of the Bid Documents. Please note the following changes, information, and/or instructions in connection with the proposed work and submit proposals accordingly.



\_\_\_\_\_  
Pam Mohn, P.E.  
Chief of Design

By Authority of:  
Board of County Commissioners  
Washington County, Maryland



\_\_\_\_\_  
Scott Hobbs, P.E.  
Director of Engineering

**ADDENDUM NO. 1**  
**BACK ROAD REPAIR**  
**County Contract No. RD-BR-272-10**

**TO:** All prime potential bidders.

**ITEM 1.01** **PRE-BID MEETING MINUTES:** Held Wednesday, April 10, 2019. Nine (9) total pages of meeting minutes are attached as follows: Pre-Bid Conference Meeting Minutes (6 pages) (**Attachment “A”**); Pre-Bid Agenda (1 page) (**Attachment “B”**); and Pre-Bid Sign-In Sheet (2 page) (**Attachment “C”**), all of which shall be incorporated into the Contract Document as attached.

**ATTACHMENTS:**

Item 1.01: Pre-Bid Conference Meeting Minutes, (6 pages) (**Attachment “A”**)  
PreBid Agenda (1 page) (**Attachment “B”**)  
Meeting Sign-In Sheet (2 pages) (**Attachment “C”**)

Item 1.02: Submitted Inquiries and Responses. (4 pages) (**Attachment “D”**)

**END ADDENDUM NO. 1**



## **ADDENDUM NO. 1**

## **ATTACHMENT “A”**

## **BACK ROAD REPAIR PROJECT**

**County Contract No. RD-BR-272-10**

### **Pre-Bid Meeting Minutes**

**Wednesday, April 10, 2019 at 11:00 a.m.**

**MEETING LOCATION:** Washington County Administrative Annex Building  
80 West Baltimore Street, Hagerstown, MD 21740

### **PB1. Welcome/Introductions**

- See attached meeting agenda (**Attachment “B”**) and sign-in sheet (**Attachment “C”**).
- Project Team Members:  
Blair Reynolds, Chief Project Manager  
Mark Mishler, Civil Engineer

### **PB2. The Project**

- The project is a design/build contract for the construction of an asphalt roadway (525 linear feet) to act as a low water crossing to accommodate the flow of water overtopping the roadway. The roadway construction shall consist of natural stream channel repair and stabilization measures. The project shall also include roadway shoulder repairs (approximately 725 linear feet) and fill placement to repair erosion around an existing structure. The asphalt approaches to the roadway are also in need of repair. The work includes engineering design, permitting, and construction.
- **Site 1:** Road bed and embankment reconstruction
- **Site 2:** Shoulder repairs to stabilize drainage channel to north of existing structure
- **Site 3:** Erosion repairs around existing structure
- The project also includes three (3) Add Alternates
  - **ADD ALTERNATE 1 – The construction of a concrete road, in lieu of an asphalt road, (approximately 525 linear feet) to act as a low water crossing to accommodate the flow of water overtopping the roadway. The road construction shall consist of natural stream channel repair and stabilization measures. The work includes engineering design, permitting, and concrete road construction.**

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The Add Alternate price shall be the difference or increase in cost to construct a concrete road in lieu of an asphalt road.

- **ADD ALTERNATE 2** – The replacement of an existing single span concrete slab bridge (7'+/-) long with a new structure/culvert. The work includes engineering design, permitting, removal of the existing single span bridge, and replacement with a new structure/culvert and approach paving.
- **ADD ALTERNATE 3** - The construction of an additional structure/culvert (approximately 8'x4'), at the recommendation of the Maryland Department of the Environment. The work includes engineering design, permitting, construction of a new structure/culvert, and approach paving.

**PB3. Invitation to Bid, Time of Completion, Incentive/Disincentive, & Liquidated Damages**

- Bids due Friday, May 3<sup>rd</sup> at 11am where they will be opened publicly.
- Questions period deadline is April 19<sup>th</sup> at 4:30pm
  - [ECBidQuestions@washco-md.net](mailto:ECBidQuestions@washco-md.net)
  - Fax: 240-313-2401
- This is a 300 consecutive calendar day contract.
- Liquidated damages are in the amount of \$500.00 per day.
- Bids are irrevocable and may not be withdrawn for 90 days following Bid Opening
- Work is anticipated to proceed as soon as possible and an anticipated NTP for early June.

**PB4. General Conditions of Contract Between the County and Design-Builder**

- This is a design build project and the Design-Builder shall read the General Conditions of Contract between the County and Design-Builder
  - **Article 2 – Design-Builder’s Services and Responsibilities**
  - Particular care should be given to Article 2 – Design-Builder’s Services and Responsibilities which cover assumptions of risk, design professional services to be provided, design development services, legal requirements, government approvals, construction phase services, project safety, warranties, correction of defective work, and the County’s rights to direct design-builder.

**PB5. Contract Provisions**

Design-Builder shall read the contract provisions. Select sections were reviewed as follows:

**a) Designer of Record Responsibilities**

- A designer of record shall be assigned for the overall responsibility of the project and shall supply the required professional liability insurance. They shall be a professional engineer registered in the State of Maryland. They shall indicate review and approval on all final construction drawings, specifications, and other appropriate design documents. They are also responsible for verifying that the Contractor’s quality control system and construction quality confirms to the record drawings and specifications.

**b) Performance Criteria**

- The performance criteria for each Site and ADD ALTERNATE have been specified within the Bid Document.

**c) Selection Process and technical proposal submission component**

- This project contains multiple **ADD ALTERNATES**, for pricing purposes, which may or may not be used in the contract. The contract will be awarded to the lowest responsive and responsible bidder who has the lowest base bid with any Add Alternate(s) selected; upon evaluation and review of the available budget. Any combination of Add Alternates may be selected.
- In addition to the provided bid forms, the following information shall be included in the bid and used as a basis to evaluate a bidder's responsiveness and ability to complete the project.
  - i. Provide a list of projects completed by your firm in which the professional engineering, design, bidding, construction and administration services for maintenance and repair items for bridges, as well as the complete scope of the design-build that are similar or were exceeded. Describe each project in sufficient detail to demonstrate the similarity and provide corresponding contacts for references.
  - ii. Confirm your ability to commence the work immediately upon processing of the contract documents should your firm be awarded the contract. Provide an attainable project schedule based upon your anticipated design and starting date.
  - iii. Provide a project narrative that includes the anticipated structure type, project management approach, and method for completion.
  - iv. Provide a list and individual qualifications/experience of your staff that would be utilized in this design/build. Provide a list of anticipated subcontractors, if any, and itemize their work in the project.
  - v. Provide a certificate of insurance for the Designer of Record and Contractor that meets the County's Insurance Policy Requirements
- Upon award of the contract, the selected Design Builder shall engage the services of a qualified geotechnical engineer licensed in the state of Maryland to perform any necessary geotechnical engineering evaluations and analyses for all aspects of the proposed project designs and to complete the design geotechnical reports(s) based on the Contractor's structure/culvert(s) design. The design geotechnical report(s) shall be submitted to the County for review and comment at various stages of the design. The geotechnical engineer shall be considered qualified if they have geotechnical experience on at least five (5) structure/culvert projects, three (3) roadway projects, and three (3) stream restoration projects completed for a local or state agency.

**d) Construction work hours**

- Design-builder shall be advised that construction working hours are limited to 7 a.m. to 7 p.m. There will be no restrictions for working on weekends or Holidays.

**PB6. Exhibits**

- **Photos**

- Design-builder shall be advised of existing conditions and highly recommend a site visit.

- **Right of Entry Agreements and Conditions**

- The County has secured the right of entry agreements with the property owners. The design-builder is responsible for fulfilling all obligations and conditions within the agreements. If the design-builder seeks additional items or rights not included in the agreements it shall be their responsibility to do so.
- The County has received a letter of support from the National Parks Service for the roadside work along the west side of the roadway, south of the structure. This letter asks that a Special Use Permit application be submitted for review prior to beginning work. The time for review of the application is 30 days.

- **2016 Bridge Inspection Report**

- The 2016 Bridge inspection report is included for reference, although this was completed prior to the flood damage.

- **Geotechnical Engineering Report**

- The County has conducted a preliminary subsurface exploration at the project site and the geotechnical investigation report is included. Any supplemental exploration will be the responsibility of the design-builder.

**PB7. Preparation of Bid, Bid Forms, Bid Security, technical component information**

- Print, complete and submit the bid forms included in the ITB. A bid security in the amount of 5% of the total bid price made payable to the Board of County Commissioners of Washington county shall accompany the bid. Provide the information requested to evaluate the design-builder's technical ability to complete the project with the bid.

**PB8. Questions**

Q1: Will the roadway location stay the same?

R1: **Yes. The County will supply centerline to contractor as needed.**

- Q2: Is there wage scale on this project?  
R2: **No.**
- Q3: Do we have to submit bids for every Add Alternate?  
R3: **Yes, all bid submittals should includes prices for all Add Alternates.**
- Q4: Will the existing bus turn around at the site need to be reconstructed?  
R4: **No. If the bus turn around is reconstructed, the work will be performed by the County after the project is complete.**
- Q5: Does the ditch on the east side of the roadway have to be reconstructed?  
R5: **Site 2 requires In-Kind Shoulder Repairs on the west side of the roadway.**
- Q6: Considering MDE design review and approvals are required, the days for completion are insufficient. Also, can the days be broken down by design/construction to ensure sufficient based on scope?  
R6: **Work in certain areas of the sites may not require MDE approval and allow the design build contractor to begin work prior to design approvals on structure(s). The County will review the days for the project and provide more information in the addenda.**
- Q7: Can the bid due date be pushed back considering all the information that has to be gathers prior to submitting bids?  
R7: **The County will review the time frame for bids and address in addenda.**
- Q8: Does the design have to be submitted with the bid?  
R8: **No.**
- Q9: Can you provide the ADT for the roadway?  
R9: **Yes. Refer to Attachment "D" Response 4.**
- Q10: Are any as-builts available for the existing structure?  
R10: **No.**
- Q11: When was the existing structure installed?  
R11: **1930's.**
- Q12: Are there any borings or geotechnical data available for the site?  
R12: **No.**
- Q12: Does the culvert north from the structure need replaced?  
R12: **No.**
- Q13: Are there any hydrology reports available at this time?  
R13: **No.**



Q14: Are there any requirements MDE has set in regard to the existing structure or the need for an additional structure?

**R14: No.**

Q15: Will Washington County Soil Conservation be involved in the review of the project?

**R15: Yes.**

Q16: Is there any incentive/disincentive?

**R16: No.**

Q17: What MDE permits will be required for work within the stream channel?

**R17: A Joint Waterway Permit is required. Any other permits required by MDE is the responsibility of the Design Builder.**

Q18: Does the National Parks Service have to review the design proposal prior to beginning work?

**R18: No. The Special Use Permit ensures they are aware of the scope and time frame in which the work is being performed and an open line of communication exists.**

**PB9. Addenda and Interpretations**

- Question period ends Friday, April 19, 2019 at 4:30 pm. Questions may be submitted to the following email address or fax number.
- Email: [ECBidquestions@washco-md.net](mailto:ECBidquestions@washco-md.net)
- Fax no.: (240) 313-2401

**PB10. Bid Due Date & Location**

- Properly designated **Sealed Bids** are due by **11:00 a.m., Friday, May 3, 2019** at the Division of Engineering & Construction Management, County Administrative Annex Building, 80 West Baltimore Street, Hagerstown, Maryland 21740-6003.
- A public bid opening will be held.

**PB11. Meeting Adjournment**

- 11:52 a.m.

**WASHINGTON COUNTY, MARYLAND**  
**DIVISION OF ENGINEERING**

**BACK ROAD REPAIR**

**County Contract No. RD-BR-272-10**

**Pre-Bid Meeting Agenda**

**Wednesday, April 10, 2019 at 11:00 a.m.**

- PB1. Welcome/Introductions**
- PB2. The Project**
- PB3. Invitation to Bid, Time of Completion, & Liquidated Damages**
- PB4. General Conditions of Contract Between the County and Design-Builder**
  - a) Article 2 – Design-Builder’s Services and Responsibilities**
- PB5. Contract Provisions**
  - a) Designer of Record Responsibilities**
  - b) Performance Criteria**
  - c) Selection process and technical proposal submission component**
  - d) Construction work hours**
- PB6. Exhibits**
  - a) Photos**
  - b) Right of Entry Agreements and Conditions**
  - c) 2016 Bridge Inspection Report**
- PB7. Preparation of Bid, Bid Forms, Bid Security, technical component information**
- PB8. Questions**
- PB9. Addenda and Interpretations**
  - Email: [ECBidquestions@washco-md.net](mailto:ECBidquestions@washco-md.net)**
  - Fax no.: (240) 313-2401**
- PB10. Bid Due Date & Location**
- PB11. Meeting Adjournment**

DATE: Wednesday, April 10, 2019 @ 11:00amPROJECT NO.: RD-BR-272-10

**WASHINGTON COUNTY DIVISION OF  
ENGINEERING**

Administrative Annex - 80 West Baltimore Street

**PRE-BID MEETING  
BACK ROAD REPAIR PROJECT**

Representative Name/ E-mail Address	Name of Firm/Agency	Phone Number/ Fax Number
• Blair Reynolds	Washington County	240-313-2420
breynolds@washco-md.net		240-313-2401
• Billy BRUDIS	BRUDIS & Associates	410-884-3607
<del>BBR</del> bbrudis@brudis.com		
• GEORGE STONE	BUILDING SYSTEMS	301-582-0100
gstone@bsi-md.com		301-582-1010
• Keegan Troop	Building Systems	301-491-1578
kthcoop@buildingSystemsLLC.com		
• Cyndi Powell	Triad Engineering (sub for Geotech. survey, enviro)	301-797-6400
cpowell@triadeng.com		
• Alena Kirillov	Astoria Construction	301-305-6901
admin@astoriacconstructionInc.com		
• Yan Manegan	Astoria Construction, Inc.	240-498-0292
admin@astoria-constructioninc.com		

DATE: Wednesday, April 10, 2019 @ 11:00am

PROJECT NO.: RD-BR-272-10

**WASHINGTON COUNTY DIVISION OF  
ENGINEERING**

Administrative Annex - 80 West Baltimore Street

**PRE-BID MEETING  
BACK ROAD REPAIR PROJECT**

Representative Name/ E-mail Address	Name of Firm/Agency	Phone Number/ Fax Number
• Cathy Proot -Pro	AMT	301-881-2545
<del>cproot</del> cproot@amtengineering.com		
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## **ADDENDUM NO. 1**

## **ATTACHMENT “D”**

## **BACK ROAD REPAIR**

County Contract No. RD-BR-272-10

### **ADDENDA AND INTERPRETATIONS / SUBMITTED INQUIRIES**

The following include bid inquires as submitted by the 4:30 p.m. E.S.T., April 19, 2019 deadline. Responses are provided in bold print. Refer also to the Pre-Bid Meeting Minutes (Addendum No. 1, Attachment “A”), for inquiries made during the pre-bid meeting.

#### **Questions submitted by Brudis & Associates:**

1. What is the counties plan for utility relocation? Who will be responsible for relocating the utility poles impacted by the storm? Who will pay for relocation?  
**Response 1: The Design Builder shall be required to coordinate and communicate with utility companies if any relocation is necessary. The County/Owner must approve the relocation of utilities and the cost for relocation shall be the responsibility of the County/Owner.**
2. Can the county provide an official response whether to the drainage channel along the westside of Site 2 is a jurisdictional WUS? If the channel is a WUS, this will severely impact schedule, permits, and construction cost. However, there is not sufficient time provided before bid opening to make this determination without direction from the County  
**Response 2: Maryland Department of the Environment (MDE) has not provided the County any indication that the drainage channel along the westside of Site 2 is a jurisdictional WUS. It is the Design Builder’s responsibility to obtain all necessary permits for this project. The Site 2 roadway shoulder repairs may require drainage channel repairs or stabilization in accordance with all applicable standards and regulations.**
3. Will guardrail be required? The RFP states the project shall conform to AASHTO standards, however, the existing roadway does not appear to meet standards in several areas. Is the intent to upgrade portions of the repaired roadway to meet current standards or to be a replacement in-kind? Should design requirements follow Washington County DPW Standards “A Policy for Determining Adequacy of Existing Highways – revised May 2005”?

**Response 3: The design requirements shall adhere to AASHTO standards and Washington County standards.**

4. Can the county provide traffic data?

**Response 4: A pneumatic tube traffic count was conducted in 2016, on Back Road, and the results displayed 175 vehicles used the road per day. Back Road will remain closed to through traffic during construction.**

5. What is the design storm criteria for Site 3: Bridge Erosion Repair? What if the existing conditions do not meet current design criteria? What are the performance requirements for scour repair, if any?

**Response 5: Refer to the Special Provision Site 3: Bridge Erosion Repair. Additionally, the repairs shall convey the 25-year design storm.**

6. Was a complete bridge inspection report included in the RFP (including all attachments and supplemental information)? It appears sections are missing. If not, can a complete report be provided?

**Response 6: Exhibit 03 – 2016 Bridge Inspection Report, Bridge No. 11-03, Back Road Over Tributary of Potomac River, consists of eight (8) pages. All pages were included in the Invitation to Bid.**

7. The bridge inspection report identifies scour along both abutments and along the southwest, northwest, and northeast wingwalls. Is scour repair to be included in the bid for Site 3: Bridge Erosion Repair?

**Response 7: Scour repair should be included in the Bid Price for Site 3.**

8. Can the bid opening date be extended? There is a lot of preliminary design work that needs to be completed in order to provide an accurate bid for each site/alternative (compared to a typical design-bid-build RFP).

**Response 8: The Bid Opening date is scheduled for 11:00 A.M., Friday, May 3, 2019.**

9. Can the county provide stream restriction dates?

**Response 9: The tributary classification use is I-P. The associated stream closure period is March 1-June 15 of any year.**

10. Can the contract duration be extended? The amount of design, permitting, and construction that is required in conjunction with stream restrictions make 300 calendar days seem unrealistic. Or can the county consider adding an incentive?

**Response 10: The calendar day contract will be increased 400 days. No incentive will be added to this contract.**

11. Please clarify what will need to be done for stormwater management.

**Response 11: The natural stream channel restoration that will occur as part of the roadway construction shall serve as stormwater management for the project. It is anticipated that the roadside grass swales will exist along the roadway shoulders in areas not designated as a stream channel.**

12. As it relates to SWM, will stream restoration need to be a SWM BMP since there may not be room to have a "typical" SWM BMP on site? Or will infiltration trenches need to be designed for the SWM BMPs?

**Response 12: See Response 11.**

13. What permitting should we expect to have to do (e.g., ESC, SWM, forestry, wetlands, NPDES, species of special concern (RTE))?

**Response 13: The Design Builder shall abide by all regulations and acquire all permits necessary to complete the work, including but not limited to a Joint Waterway Construction Permit, Washington County Soil Conservation District approval, and a National Park Service Special Use Permit.**

14. Please confirm that the Add Alt #3G (page 66) is correct that the new culverts shall not cause a rise in water surface elevation greater than 0.1 ft for the 100-year design storm within the study area and not be 1.0 foot instead.

**Response 14: The new culvert(s) shall not cause a rise in water surface elevation greater than 0.1 ft for the 100-year design storm.**

15. For Add Alt #3H, please clarify what is intended in the statement "no drainage from the structure/culvert(s) may enter directly in the stream". Do you intend that the runoff should first pass through a SWM BMP for pre-treatment before discharging to the stream?

**Response 15: Drainage from the structure/culvert(s) may not directly enter the stream though the use of scuppers, etc. Drainage does not have to pass through a SWM BMP before discharging to the stream.**

16. Will there need to be stream stabilization/stream channel repairs for Site 2? What order stream is the waterway that is parallel to Back Road at Site 2?

**Response 16: See Response 2.**

17. What milestone(s) are required for submittal/review to Washington County? Page SP-7 Section 3 of the RFP only indicated final as-built plans. Will no other submittals be required during the design process? Please clarify what milestones are to be submitted and reviewed by the County. How long of a review period will the county need for each submittal?

**Response 17: At a minimum, in addition to SP-7 Section 3, the County will require review of the hydrology, any hydraulic and scour analysis as well as the final structure/foundation/roadway/stream channel/stormwater plans. Additional design submissions may be requested based on the type of structure or roadway profile proposed. This does not include design submissions that may be required to MDE, Washington County Soil Conservation District or other permitting agencies.**

18. What milestone(s) Add Alternates 2 & 3 indicate to anticipate similar size structures as the existing structure. Our preliminary analysis indicates that this structure only passes the 2-year storm, and therefore the proposed structure would need to be significantly larger to pass the 10-year storm. Was preliminary hydraulic analysis performed?

**Response 18: Add Alternate 2, if selected, is anticipated to be an in-kind replacement project, similar in size to the existing structure. Add Alternate 3, if selected, shall be for additional capacity and similar in size to the existing structure. The structure(s) design**

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Back Road Repair  
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Page 4 of 4

**shall be consistent with the existing grades, profiles, and existing structure elevation.  
Please refer to Response 14 for additional information.**

**END OF QUESTIONS**