



## MEMORANDUM

DATE: September 8, 2016

SUBJECT: Pre-Solicitation Questions  
**Rabbitt Road Culvert Repairs**

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A Pre-Bid Meeting on the above referenced project was held at the Public Works Facility on August 31, 2016 at 10:00 AM. This document includes both the answers submitted during the meeting and submitted in writing prior to the deadline:

1. Where is the pre-bid attendee list available?
  - a. *All documents pertaining to this Request for Quotes can be found at: <http://www.gaithersburgmd.gov/government/procurement/current-quotes/rfq-rabbit-road-culvert-repair-project>*
2. On the bid proposal sheet (page 2 of 2) it calls out for a Centrifugal Spincast Geopolymer Structural Lining material. Directly below that, the line item states “Centrifugal Cast Concrete Structural Lining”. What is the intended proposed rehabilitation material here? Is the owner looking for a geopolymer product or a high strength, fiber reinforced mortar? (or either is acceptable)? Is the application up to the contractor?
  - a. *In accordance with the Full Length Culvert Rehabilitation (Bid Alternate #001) note on Sheet CS502, the basis of design is AP/M Permaform Centripipe. The intent is for a full length structural rehabilitation lining of the culverts. Approved equals will be considered. The contractor shall submit documentation with the material and method for their respective full length culvert rehabilitation. The documentation shall be sufficient to convey the proposed product will meet the proposed application intent.*  
  
*The Proposal Sheet (Schedule of Prices) in Attachment A has been revised to read “Centrifugal Cast Concrete Structural Lining” per Amendment #2.*
3. Now that the language has been corrected in Amendment #2 in regards to the concrete/geopolymer, I would like to submit a Geopolymer to be included as an alternate/equal (GeoKrete Geopolymer).
  - a. *No, this alternative was not been deemed as an equal.*
4. Specification Section 1309 – Centrifugally Cast Concrete Pipe Structural Lining names Permaform Centri-Pipe as the product to use. Are approved equals acceptable?
  - a. *In accordance with the Full Length Culvert Rehabilitation (Bid Alternate #001) note on Sheet CS502, the basis of design is AP/M Permaform Centripipe. The intent is for a full length structural rehabilitation lining of the culverts.*

***Approved equals will be considered. The contractor shall submit documentation with the material and method for their respective full length culvert rehabilitation. The documentation shall be sufficient to convey the proposed product will meet the design intent.***

5. The drawing scale on CE101 appears to be incorrect.
  - a. ***The scale of the drawing is incorrect. See Amendment #3 for the revised sheet CE101.***
  
6. Should a temporary Yellow Line be used to define the lane shift around the site instead of just barrels as shown on the traffic control drawing?
  - a. ***No. Please adhere to the original design utilizing traffic barrels as outlined in the Construction Documents.***
  
7. Is the guard rail to be replaced in kind or is a different end treatment going to be installed when replaced?
  - a. ***The guard rail is to be replaced in kind with the end treatment to match the existing conditions.***
  
8. The detail for the Saddle Plate Assembly shows the Polyurea Elastomer Spray coating to be applied on the inside and outside of the pipe, will this coating still need to be applied to the inside if the alternate for the Centrifugal Cast Concrete Lining is chosen?
  - a. ***If the bid alternate is selected for the Centrifugal Cast Concrete Lining, the Polyurea Elastomer Spray coating on the inside of the pipe is not required.***
  
9. Will the Structural Foam injection still be required for the Centrifugal Cast Concrete Lining?
  - a. ***The structural foam will still need to be injected into the areas as noted on the plans prior to the installation of the Centrifugal Cast Concrete Lining.***
  
10. Please confirm that a mortar type full length lining rehabilitation is acceptable in addition to a geopolymer.
  - a. ***The basis of design is A/P Permaform as indicated on the drawings. The City will accept "or equal" products. For any "or equal" products, the contractor shall provide sufficient information to validate the project has been used for similar project and is applicable to this specific project.***
  
11. The design plans indicate a minimum thickness for the full length culvert rehabilitation. Please clarify if a design was done or if the design is up to the selected contractor?
  - a. ***The design plans indicate that the design of the full length culvert rehabilitation is responsibility of the contractor. The contractor shall be responsible for providing a design based on field conditions for the City to review and approve.***
  
12. Is minority participation required?
  - a. ***Minority participation is not required for this contract.***

13. Do prevailing wages apply to the project?
  - a. *Prevailing wages do not apply to this project.*
14. For the full length culvert rehabilitation, does the contractor's design require signature and seal of a Maryland registered professional engineer?
  - a. *Yes. The contractor shall be responsible for obtaining and providing a design that is signed and sealed by a Maryland registered professional engineer.*
15. Does the contractor have to be pre-qualified to submit a bid?
  - a. *The contractor does not have to be pre-qualified to submit the bid, but will need to adhere to the requirements outlined in the Solicitation.*
16. On page 15 of the specifications, does this require a certified construction manager?
  - a. *A certified construction manager is not required. The CPM section on page 15 is only for the preparation of a project schedule.*
17. Is there a timeline for when the project will be awarded?
  - a. *A specific time line has not been established since the project bids will require review and approval from the Mayor and Council. The intent is to have the project started this year.*
18. For the full length culvert rehabilitation, is there information that shows the length of any exposed bolts either new or existing located in the culvert?
  - a. *The selected contractor will need to inspect the culverts to determine the dimension of any existing bolts in the culvert. The project will require the installation of the Corrugated Metal Pipe (CMP) saddle plates that will be bolted to the existing culvert. Sheet CS501 indicates the size of bolts to be used for the saddle plates.*
19. Would the City be interested in meeting to discuss a long term, true structural fix involving new pipe and a structural grout that meets the requirements of AASHTO and meets several ASTMs and would have a 100 year+ service life and would meet the hydraulic requirements?
  - a. *No, the scope of the current project is to repair the existing culvert.*
20. Is there a hydraulic report or analysis that can be viewed to determine an alternate solution would work?
  - a. *The computations for the final design of the project and the preliminary hydraulic information modelling several pipe diameter reductions for the culverts have been completed and have been provided in Amendment #4.*

21. The Construction documents indicate hydrophilic grout which requires constant water contact to stay expanded. Hydrophobic grout which always stays expanded appears more applicable for the project conditions. Please confirm the design intent for the grout.

*a. The design intent was for hydrophobic grout not hydrophilic grout.*

*Page 69 of 75 in the General Requirements, References and Specifications in Exhibit A have been corrected and provided in Amendment #5.*