

**Addendum #1
October 4, 2019**

Village of Lake in the Hills

**SSA 51 – Water Main Improvements
Job No.: 181484**

The Bidding Documents have been revised/clarified based on the information listed below.

BID DOCUMENTS

The entire bid document has been replaced. Of note, the special provisions have been update, and the bid form has been updated. Please submit this new bid package with you submittal.

The revised bid docs can be found on the ftp site under Addendum #1.

1. Section: Specifications/Special Provisions
Sub-Section: Water Main Directional Drill

Delete the Submittals section, in its entirety, and replace with the following:

Submittals:

Provide detailed plan of means and methods to maintain clean and safe conditions, including list of material and equipment that will be on-site during pipe insertion. Contractor shall adhere to all requirements of the ACOE RP-8, Utility Line Projects.

Upon Notice to Proceed, provide the following items related to the directional drilling system.

1. Contingency Plan for directional drilling beneath creeks and wetlands (waters of the U.S.), subject to review and approval by the Village and Engineer. The Contingency Plan must:
 - a. discuss actions to stabilize the work area (prior, during and post construction)
 - b. discuss actions to employ alternative construction methods
 - c. discuss actions to obtain additional permits necessary to complete the project

- d. include Monitoring Plan to discuss methods for monitoring the project for unintentional discharges of drilling fluids. The Monitoring Plan must be followed.
 - i. Monitoring activities during drilling operations must include visual inspection along the drill path, fluid return pits, and wetland/waterbody surfaces for evidence of a release, as well as documentation of all drilling fluid products.
 - ii. Monitoring Plan shall include details on devices used, how the system will be maintained, how the system will be monitored, and response time in the event of a problem.
 - iii. At all times when Contractor is directionally drilling, Contractor shall provide a system with the means to detect or determine that unintentional discharges of drilling fluids are occurring. System shall be such that should a problem start, the attendant is alerted by the system. Any devices that the Contractor uses shall be tested and checked daily and a log of such shall be maintained.
 - iv. Contractor shall maintain the system and shall have access to spare parts as necessary to keep it functioning properly. Maintenance on the system shall be recorded in the log.
 - e. Contractor shall agree to report any discharge of drilling material into waters of the U.S. to the City, Engineer, and Army Corp within 24 hours.
 - f. The approved Contingency Plan must be implemented immediately upon discovery of unauthorized discharge.
 - g. Contingency Plan must discuss methods for restoration and/or mitigation and/or remediation of the area as a result of unintended discharge.
 - i. Remediation activities must be done as soon as practicable to restore the affected waterbody
2. Directional Drilling Start-Up Check List. Include notifications to Village just prior to start up and provide a copy of completed checklist showing all conditions are met.
 - a. All equipment and materials necessary for the installation of the directional drilling system are on site.

- b. All required redundant back-up systems are in place and ready to function.
 - c. The Contingency Plan has been approved and attendants have proper training and emergency contact phone numbers.
 - d. The drilling plan set-up detailing the proposed methods for drilling has been reviewed by the Village.
3. Directional Drilling Shutdown Check List. Include notifications to the Village just prior to shut down and provide a copy of completed checklist.

Product Data: For the following:

1. HDPE Pipe and Jointing
2. Transition Fittings
3. Tracer Wire and Connectors
4. Service Saddles

PLANS

ENTIRE SET

Please note the entire plan set has been updated to remove typos. Of note, Sheet C-03 has been updated, Sheets C-05 and C-14 have been replaced. Sheet C-15 has been added.

The revised plan set can be found on the ftp site under Addendum #1.

ADDITIONAL INFORMATION

In response to written questions submitted, questions and responses are as follows:

Q: per the special provision for HMA Road Repair calls for 4" of HMA Base with binder and surface on top of this. I do not see a pay item for 4" HMA Base Course. Will this work be required, if so, how will it be paid for? Plan details contradict special provision requirements.

R: Please reference revised Pavement Removal and Replacement detail. Specifications/Special Provisions items "HMA Surface Course" and "HMA Binder Course" requirements apply to this project according to the revised

detail, and pay items for these items are included in the Schedule of Prices. “HMA Base Course” is not required in the detail or for this project.

Q: through out the plan sheets you are calling for the existing water main to be abandon, existing FH's to be removed, etc. How will the abandonment and removals be paid for?

R: Fire hydrants will be removed per the newly included special provision for Fire Hydrant Removal.

Q: what will be required for the abandonment of the existing water main? cap / plug ends? fill main with flowable fill etc.?

R: Water Main shall be abandoned per the new special provision for Water Main to Be abandoned (Cut and Cap) The old main will not need to be filled.

Q: Water main special provisions is calling for PVC C-900 SDR 18 pipe for open cut water main and HDPE SDR 11 for HDD water main. Plan sheets are calling for DIWM CL 52. What will be required?

R: The C-03 Plan Sheet, General Notes and Specifications, has been replaced in the revised set.

Q: special provisions for HDD pits and auger pits are calling for tight sheeting. Will tight sheeting be required or will trench boxes suffice? Substantial cost required for tight sheeting.

R: Tight sheeting is not a requirement for HDD pits and/or auger pits; it is the contractor's responsibility to determine and employ means and methods to meet applicable safety requirements.

Q: in the insurance section what is meant by reserved. for instance for builders risk, professional liability and environmental impairment / pollution liability it states reserved. Will our policy need to include these? if so what are the limits the Village will be looking for?

R: These reserved sections will not be needed for this project.

Q: special provisions say that owner will provide LPC663 for CCDD spoil disposal, plan sheets state it will be the contractors responsibility to provide this. Who will be responsible to provide this?

R: The C-03 Plan Sheet, General Notes and Specifications, has been replaced in the revised set. Soil boring have been performed and the CCDD LPC663 will be provided. Soil boring logs have been loaded to the bidding documents FTP site for bidder download.

Q: if the owner is providing this, were any soil borings performed, if so, can we get a copy of the soil borings?

R: Soil boring logs have been loaded to the bidding documents FTP site for bidder download.

Q: are the connections to the existing water main cut-in connections or pressure connections? Plan states pressure connections, please confirm which type will be required.

R: The connection tags, shown on Sheet C-05 tags 20 and 100, and Sheet C-14 tag 914, are labeled as shut down connections. These are not planned as pressure connections.

Q: can we perform work over the winter months on this project?

R: Notice to proceed will not be issued until all permits, including IEPA, have been issued. Work may be performed, at the contractor's discretion, after notice to proceed had been issued for the project. This is anticipated for a November notice to proceed.

Q: we are crossing a handful of storm sewer culverts / piping, we anticipate that some of these runs will need to be removed and replaced. How will this work be paid for, I did not see a pay item for this?

R: Unless indicated to remain, the culverts are to remain in place. Should the contractor damage or chose to replace the culverts, they are to be replaced in kind.

Q: on the plan sheets I only see existing water mains and storm sewers delineated, I do not see any reference to existing gas mains, electrical lines, phone / communication lines, sanitary sewers, etc. Are these utilities present, if so where, can additional information be provided?

R:

Q: you refer to the contractor NOT being allowed to string out the proposed water main pipe, unfortunately we need to string out the proposed pipe, in particular the HDPE for the HDD work during the fusing operation. Will this be allowed?

R: The pipe cannot be STORED strung out, it can be placed as such during construction. Fusing of the drilled pipe is allowed to be staged, however, all roadways shall remain open except for the short periods of time during the pull.

Q: for the HDD piping, would you consider allowing PVC C-900 Certa Lok pipe?

R: Only for the bores that are not under creeks. Any creek crossing shall be HDPE..

Q: We will need to perform exploratory excavations for the HDD pipe installation, Will the exploratory excavations be paid for in the provided line item Exploratory Excavations?

R: Exploratory Excavations are intended to assist with locating existing underground utilities and possible conflict points, such as for determining the exact location of the existing water main where a connection or crossing will need to be made. Should a specific contractor operation require additional exploratory excavation, I would consider that a part of the specific operation.

Q: When installing the water main and services in the parkway...we may run into existing irrigation systems, specialty landscaping, dog fences, landscape lighting, etc. how will the removal and replacement of these items be handled? Will this work be paid for? Can you create an allowance to cover this work? It is extremely difficult to determine whether or not this work will be required.

R: These items fall under the Protection and restoration of property special provision. A pay item for LANDSCAPE REMOVAL AND REPLACEMENT will be added for these items.

Q: Can you clarify the pay limits for tbf? Upper and lower limits. Such as from 12" above pipe to finished grade?

R: From 1' over the top of pipe to bottom of subgrade, and 18" on either side of the pipe.

Q: Will the village supply soil borings?

R: Yes, see the ftp site

Q: I am looking at the drawings on Sheet C-13. I have a couple of questions, there are obviously two 6" bores going either over or under the existing triple culverts, there is no plan and profile sheet, so as I am looking at the rim elevations of the proposed vaults, and the existing inverts of the culverts, something is not right on this sheet. They are showing Valve Vault #701 to have a rim elevation of 886.60, that has to be a typo, it should be 786.60, but the culverts are at 764.77, this would mean a drop in the water main of over 16' in the first 80 L.F. if the pipe is going under the culverts. Can you please verify and let me know?

R: This sheet has been updated. The proposed water main crosses under the culvert pipes. The proposed cross-section has been added to the plans.

This Addendum #1 **must** be attached and signed with your Proposal.

Received _____, 2019

Contractor _____

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