

## ADDENDUM #3



### CONTRA COSTA COMMUNITY COLLEGE DISTRICT

**D-4024 Underground Utilities Project  
Diablo Valley College  
321 Golf Club Road, Pleasant Hill, CA 94523**

**Date: 11/15/2018**

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#### **NOTICE TO ALL CONTRACTORS:**

You are hereby notified of the following changes, clarifications and/or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and/or previous Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain unchanged.

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents dated October 09, 2018. Acknowledgement of receipt of this addendum in the space provided in the Bid Proposal Form. Failure to acknowledge may subject proposer to disqualification.

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#### **A. Deletions, Additions, Changes, Revisions – N/A**

#### **B. Responses to Requests for Information**

- a. Specification 23\_21\_13 does not appear to address buried Chilled & Heating Hot Water piping. The matrix provided in sub section 3.08 omits information regarding underground piping. Can you clarify what products are allowable for the buried hydronic piping. Also, for the 4" and 6" Chilled & Heating Hot Water piping we are assuming that steel is the carrier pipe, not copper. Typically, we see named product lines that are premanufactured from manufacturers such as Rovanco or Thermacor specified. Please advise.  
**Steel. Thermacor is okay to use.**
- b. With regard to the hydronic/CUP piping are we responsible for any chemical treatment of the installed piping post installation? Descaling agents, etc.? Please advise.  
**Yes, will need chemical treatments.**
- c. Specification Section 23\_07\_16 does not appear to address allowable products for use with buried hydronic piping. The specified aluminum jacket is not suitable for a buried application. Please review and advise.  
**Provide vault with isolation valve at each building for hydronic piping.**
- d. Sheet MP1.0 does not indicate any in-line valves on the hydronic piping system. We would like to confirm that this is correct. Typically, we see in-line valves at all tees and 5.0' from building connections. Please advise.

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#### Add in-line valves 5.0' from future building connections.

- e. With regard to CUP Piping trench details on Sheet C5.2 is the only governing dimension the 18" of cover from the upper most pipe. This would mean a maximum trench depth of somewhere around 4.0'. Is this correct? Please advise.  
**Minimum cover to the top of pipe shall be 18 inches.**
  
- f. With regard to the hydronic/CUP pipe trench is the bedding/backfill detail we are to follow Detail 5 on Sheet C6.1? Is it our option to either use CLSM or aggregate base for backfill? Please advise.  
**Correct. Detail 5 on Sheet C6.1. For bidding purposes, Bidder shall assume backfill with aggregate base. CLSM may be an option during construction**
  
- g. With regard to the electrical/telecom pipe trench is the bedding/backfill detail we are to follow Detail 5 on Sheet C6.1? Is it our option to either use CLSM or aggregate base for backfill? Please advise.  
**Correct. Detail 5 on Sheet C6.1. For bidding purposes, Bidder shall assume backfill with aggregate base. CLSM may be an option during construction**
  
- h. With regard to surface restoration is the maximum extent of restoration associated with trenching the 6" tee cut shown on Detail 5 Sheet C6.1. Please advise.  
**Correct.**
  
- i. Is there any grounding required with either the electrical trench or associated vaults?  
**Yes, grounding is required for both electrical trench and associated vaults.**
  
- j. Please confirm that all special inspections (welding, compaction etc.) will be paid for by the District.  
**Confirmed.**
  
- k. Are there any temporary services we need to make provisions for in our bid? Temporary piping, heat exchangers etc. Typically, there are issues with making connections to existing systems on a campus and maintaining services to buildings. We cannot determine if this is the case here based on our review of the site/specs/plans. Please advise.  
**The intent of this design is to provide redundant backbone to the existing utilities for connection to new buildings during upcoming planned construction projects. Temporary services would be needed in conditions where back up utilities would be needed during of the transfer of service; e.g. switchover of power to the new transformer. These conditions are addressed in specification section 01140 1.2.D, where temporary interruptions to any utility are to be submitted for review and approval by the District.**
  
- l. Where we end the CUP piping at "Future Buildings" what is detail for the end of the pipe? Are we just welding on a bumped head, installing a blind flange, or a valve with a blind flange? Please advise.  
**Contractor shall install a valve with a blind flange.**

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**If you have any questions regarding this Addendum, please contact:**

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**END OF ADDENDUM #3**