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**May 30, 2018**

**City Project No. 17-22, North Valley Regional Recycled Water Pipeline – Turlock Component**

Plan holders:

Addendum No. 1 was issued today. Attached hereto are the following supplemental reference documents, but are not considered contract documents:

- Questions and Answers Set #1 (Questions received through May 28, 2018)
- Wednesday May 9, 2018 Pre-Bid sign in sheet
- Thursday May 10, 2018 Pre-Bid sign in sheet

If you have any questions, please contact me at (209) 668-5417 or email at [sfremming@turlock.ca.us](mailto:sfremming@turlock.ca.us).

Sincerely,

Stephen Fremming  
Senior Civil Engineer

City of Turlock  
North Valley Regional Recycled Water Program - Turlock Component  
Questions and Answers during Bidding

**Questions and Answers Set #1 (Questions received through May 28, 2018)**

These questions and answers are provided for convenience and informational purposes only and do not modify the contract documents. See Addenda for contract modifications, if any.

- 1. In reviewing the specs, I was wondering if you could clarify the following: On page 61 (Item M DBE Good Faith Effort Verification) it states to Submit form 00507 within 3 days of bid opening. On page 97 (Document 00507) it states to submit form 00 45 36 within 3 days of bid opening. Document 00 45 36 is the list of equipment (pg 73). Can you confirm if that is a typo on page 97 and that it should really be to submit 00507 within 3 days of bid opening?**

*Addendum 1 revises the wording in Section 00507 from "Submit form 00 45 36" to "Submit Form 00507".*

- 2. Is it possible to pothole during the bid period? If so, what are the requirements?**

*The requirements vary depending on the location (the owner) and extent of potholing. If potholing on the City of Turlock property (near the standpipe structure) an encroachment permit from the City of Turlock is needed. If potholing on Stanislaus County property (South Carpenter Road and West Main Avenue) an encroachment permit from Stanislaus County is needed. If potholing on City of Modesto property (Jennings Road and the Jennings Wastewater Treatment Plant) an encroachment permit from the City of Modesto needed. There are currently no permits covering this work. Stephen Fremming from the City of Turlock can provide the point of contact for each agency during design, to help start the process.*

- 3. In Section 01140 Page 3 Paragraph H Note 2, Contractor shall be responsible for dewatering the pipeline by pumping it down from the upstream side of the overflow weir to the downstream side of the overflow weir, from where it will drain by gravity to the San Joaquin River. Can you provide as built drawings of the existing standpipe structure and its discharge pipeline and discharge structures in the river?**

*The as-built drawings are in Appendix Y of Volume 4.*

- 4. Is Builder's Risk Insurance really needed?**

*The City confirmed with their legal counsel that the builder's risk insurance is required.*

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- 5. In Section 01140, Page 7 , Item 2 tell us Not less than 3 weeks prior to crossing each irrigation pipeline and culvert, perform a CCTV inspection of the pipeline or culvert to determine its condition. In advance of CCTV inspection, coordinate with pipeline owner and Construction Manager for timing and restrictions of performing the CCTV inspection. Can you provide us with locations of where you would anticipate that we would be able to insert a CCTV device in the irrigation pipeline and culverts your are referring to, some irrigation systems are a closed type system that may not have any access points for more than 1000' or more and that access point may not be large enough to insert a CCTV device.**

*Addendum 1 includes language to CCTV pipelines/culverts where indicated on the drawings and for bidding purposes to assume access is within 300 feet of the crossing.*

- 6. In Section 01140, Page 6 Item E, City of Modesto - Jennings Road # 4, it says prior to crossing the City of Modesto Irrigation or drain pipeline , procure and have on-hand a repair kit for the irrigation or drain pipeline in case the pipeline is found damaged or construction damages the pipeline. Can you tells us/ be more specific on what type of repair kits you are referencing that we are to have on hand. There are quite a few different lines that we are crossing, and the ones that show sizing varies from 24"-60" with no call out of what there material type is, if these lines are RCP/Concrete, I am not aware of manufactured repair kits for this type of material. Please be more specific on what your intent is on this item?**

*Addendum 1 eliminates this requirement. The Contractor will be responsible for repairing damage to existing pipelines caused by the Contractor.*

- 7. Will trench shields be permitted for the trench shoring?**

*The Contractor's shoring system design shall meet the requirements of specification 02260.*

- 8. Will speed shores be permitted for trench shoring?**

*The Contractor's shoring system design shall meet the requirements of specification 02260.*

- 9. Will sloped open excavations be permitted for the trench?**

*Trench slopes shall meet the requirements of Typical Detail P002.*

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**10. After reviewing the project documents, there does not appear to be sufficient right of way to perform pipeline construction. Will the contractor be provided additional temporary working right of way?**

*The Contractor is allowed a single lane closure (i.e. direction of travel) along South Carpenter, West Main, and Jennings during construction with an approved traffic control plan that meets the requirements of Section 01550. Considering the existing right of way along each shoulder and the allowable roadway shutdown we believe there is adequate space to perform pipeline construction. The temporary construction easements secured by the Owner are included in the contract documents.*

**11. Is there construction water available along the alignment? If so, please indicate where.**

*Refer to Section 01500, Part 1.04.D for information regarding temporary water.*

**12. Is it possible to close any of the roads and detour traffic?**

*For work that crosses the road, the Contractor is allowed a full road closure along South Carpenter, West Main, and Jennings during construction with an approved a traffic control plan that meets the requirements of Section 01550.*

*A full road closure for work that does not cross the road has been discussed with Stanislaus County and the City of Modesto; both agencies have not permitted these road closures at this time. Each agency indicated they may consider road closures if there was a compelling reason, but could not guarantee their approval. Road closures may require City Council / County Board of Supervisors approval and are subject to daily fees of \$500/day/1,000 cars. Current traffic counts are not available and would need to be obtained. For reference, the 2014 traffic count on West Main Avenue was approximately 8,000 cars per day.*

**13. I'm not sure if you are familiar with ground freezing, but it is an effective temporary means of ground improvement that provides ground support and groundwater cut off. It is also used for contaminated site remediation, in-situ isolation barriers, foundation excavation shoring, and ground stabilization. It is also environmentally friendly when compared to other support systems. It is a closed system, where nothing is injected or released into the soils. Upon completion of a project, surface piping is removed, and the ground reverts to its natural state. Will you add ground freezing as a method of ground improvement/shoring for Specification Sections 02260 Excavation Support and Protection and 02261 Shaft Excavation and Support for Trenchless Pipeline Installation?**

*The Contractor may propose ground freezing as a value engineering substitution during construction. We would evaluate any permitting implications, cost savings, and the feasibility of the method if submitted during construction.*

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- 14. American is in the process of putting together our DIP quote for Turlock. On the 42” there are several manways called out on the plans and bid item 16, which are not necessary for ductile iron pipe. There is no reason to inspect the inside of ductile iron pipe like there is with steel pipe. Manways are required for steel pipe to have access to weld and make the joints on the inside, then inspect to make sure joints were made correctly. When installing DIP there is no internal welding or joint assembly requirements which require access to the pipe. For the DIP alternative on this project American is requesting the manways be eliminated for the DIP option only. It is common for jobs with both a steel and DIP bid to require access manholes for steel but not for DIP. Please let me know if you have any questions.**

*The manways shown in the contract documents are required for future inspection of the pipeline for both the steel and ductile iron pipe materials.*

North Valley Regional Recycled Water Program - Turlock Component

Pre-Bid Conference: Wednesday, May 9th 1 PM

Sign-In Sheet

	<u>Name</u>	<u>Company</u>	<u>Email</u>	<u>Phone</u>
1	John Solis	Michels Corporation	jsolis@wichels.us	909-273-5808
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5	Vito Antonovich	Vito Antonovich & Sons Inc VIA MAR 1082 JV	vito@artukovich.com	626 944 4286
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11	SCOTT COLEMAN	SPIESS CONST. CO. INC.	bids@scitanks.com	805-937-5859

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12	Michael Labroad	Northwest Pipe Co.	MLABROAD@NWPIPE.COM	909.839.3978
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15	NICK NDIRICH	SIERRA MOUNTAIN CONSTRUCTION	NICK@SIERRAMTN.NET	415-896-2859
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18	Michael Demascio	Ameron WTC	michael.demascio@nov.com	714 909 5726
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North Valley Regional Recycled Water Program - Turlock Component

Pre-Bid Conference: Thursday, May 10th 1 PM

Sign-In Sheet

	<u>Name</u>	<u>Company</u>	<u>Email</u>	<u>Phone</u>
1	Clad Dessert	Preston Pipelines	cdessert@prestonpipelines.com	(209) 649-2464
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