



**City of Tacoma
Tacoma Power/Generation
Mayfield Water System Replacement and Road Realignment
RFB Specification No. PG21-0045F**

QUESTIONS and ANSWERS

All interested parties had the opportunity to submit questions in writing by email to Doreen Klaaskate. The answers to the questions received are provided below and posted to the City's website at www.TacomaPurchasing.org: Navigate to *Current Contracting Opportunities / Public Works and Improvements*, and then click *Questions and Answers* for this Specification. This information IS NOT considered an addendum.

Respondents should consider this information when submitting their proposals.

1. Question: Section 16100 3.2.H; Is both a true tape and a pull sting to be pulled into the conduits?

Answer: No, only pull string to be installed *into* conduits and true tape *above* conduits so upon detection in the future, the respective utility can be identified.

2. Question: Page 9 of C-UG-1100 under proofing the conduit only talks about true tape.

Answer: Page 9 of UG-C-1100 under "prove the Conduit" mentions "silicone-coated pull tape". Pull tape or pull string shall be installed *into* the conduits.

3. Question: What radius elbows are required for 2" and less for PVC? Specs only reference 2½" and larger conduit. What type of material is required for the elbows?

Answer: 2" conduits shall require a 36" radius elbow and shall be PVC schedule 40 material.

4. Question: Reference drawing MP4573. There is a 504-LA vault referenced. We do not see a line item for this vault?

Answer: There are NO 504-LA vaults proposed for this project. 504-LA vaults have been discontinued and replaced with 554 vaults and is reflected in the proposal pages. It was simple error that the reference on this particular drawing sheet was not updated. It should be noted that same vault reference was updated on the match-line sheet of MP4571.

5. Question: Is a ground wire required for the vaults? If so, where do we tie into? The drawings do not reference this ground wire?

Answer: No, there is no ground wire required for vaults at this time. City crews will be installing utilities at a later date and determine which method shall be used at that time.

6. Question: Are there any areas that require schedule 80 conduit? Are there any areas that require concrete encased??

Answer: There are NO areas on this project that explicitly require schedule 80 PVC conduit. Due to the nature of this underground utility installation project, trench and utility conflicts may be encountered and Concrete Density Fill (CDF) may have to be used, however it is difficult to foresee all conflicts that may be encountered so contractors should include CDF in their bids as a possible contingency.