

SCOPE OF WORK AMENDMENT 2

The following is a list of out of scope items and items that required additional effort that has been completed to date as related to the Joint Trench:

- Utility coordination (Quincy & O'Dell)
- Joint Trench Design (Quincy & O'Dell)
- Landowner coordination (Quincy)
- Field surveys for new Joint Trench alignment (Quincy)
- Right of way staking (Quincy)
- Plat and legal development (Quincy)
- Development of Special Provisions for Joint Trench construction contract (Quincy)

Additional work has also been performed on the coordination and design of the future sanitary sewer including:

- Scope expanded to include additional meetings and evaluation of future development / determine the number of EDUs/ sewer technical memo (Quincy)
- Design for three alternatives for selection of sewer alignment (Quincy)
- Provide design for an additional service stub down Higgins (Quincy)
- Change from HDD to conventional pipe placement on Higgins (Quincy)

Lastly, the County has requested that Quincy review and modify their 2015 locally funded boilerplate for consistency with the 2015 Caltrans Standard Specifications. The changes and additional efforts for the joint trench, sanitary sewer, and boilerplate are detailed in the individual tasks below:

Task 3 - Surveying

Task 3.3 – Legal Descriptions for Acquisitions and Easements

Quincy performed additional boundary surveys to determine the location of the Siegle, Darwish, and Proctor properties. Existing utilities were also surveyed on these parcels. Quincy added Plats and Legals and changed already developed Plats and Legals on the Darwish parcel to accommodate the joint trench and the landowner's preference. This change results in an increase of \$10,291.

Task 3.4 – Right of Way Acquisitions

Quincy provided boundary staking for the areas acquired for the joint trench. This staking was requested by Bender Rosenthal (BRI) and will be utilized by their appraisers. This change results in an increase of \$4,014.



Task 7 – Utility Coordination

Task 7.3 – Additional Phase 3 Joint Trench Design

Quincy and O'Dell Engineering continued coordination and design of the joint trench. Additional comments and design changes by both PG&E and AT&T have resulted in additional effort. Quincy met with the property owners individually to make sure the joint trench as proposed was acceptable. Additional cost sharing coordination between the design team and the utility owners has also been expended. The County also requested that Quincy develop the construction contract Special Provisions. This change results in an increase of \$19,321 for Quincy and \$18,800 for O'Dell.

Task 8 – Final Design (PS&E)

Task 8.6 – Sanitary Sewer Design

Additional design and coordination effort based on input from County Sanitation was needed to develop the alignment and sizing of the sewer line. Quincy calculated the flows based on existing and future land use and recommended the size of the future main. Quincy also developed the design for the future connection down Higgins Road (including horizontal directional drilling) and coordinated/designed a future stub for Siegle. This change results in an increase of \$8,331.

Task 8.9 – Prepare Special Provisions

Nevada County requested Quincy review and make suggested modifications to their locally funded construction contract boilerplate. Quincy will review the boilerplate for consistency with the 2015 Caltrans Standard Specifications. This change results in an increase of \$7,941.

BRI initially scoped the project using waiver valuations. This was based on the idea that there would be limited damages to the property due to the project. Specifically, BRI assumed the use of a County Public Utility Easement, but the project is using a PG&E easement rather than a PUE. The damages are directly tied to the PG&E easement language which requires extensive above ground and below ground rights. Often, a PUE only requires limited above ground rights. The damages to each parcel were not known until BRI completed the field review of each parcel after it was staked and had the PG&E easement language. Because of the damages, the ROW acquisition costs (Capital Costs) increase to above \$10,000. A waiver valuation cannot be accomplished for a parcel that has damages and is over \$10,000.

Task 11 – Right of Way Acquisition Services

Right of acquisition services will be provided by Bender Rosenthal, Inc. (BRI).



Task 11.2 -Valuation Services

This task has changed as noted above from a need for six (6) minimum value estimates to a need for six (6) summary appraisals for an increase of \$5,500 over original scope for the task. BRI will develop complete appraisals for the Client that will state the estimated fair market value of the interests to be acquired from each of six (6) referenced properties. The appraisal reports will be summary appraisal reports that will be prepared in conformance with and subject to the requirements of the Code of Professional Ethics and the Standards of Professional Practice of the Appraisal Institute, which fully incorporate the Uniform Standards of Professional Appraisal Practice (USP AP) of the Appraisal Foundation. Jurisdictional exceptions may apply in some cases.

As a sub-task of Valuation Services, Ketcham Appraisals will perform an independent appraisal review of the Darwish appraisal developed by BRI for an increase of \$1,500.

Task 11.3 – Acquisition Services

As a sub-task of Acquisition Services, BRI will coordinate with the title company to close escrows on up to six (6) parcels. The original task was based on three (3) escrows, however this has changed to a need to provide escrow services for an additional three (3) parcel for an increase of \$1,500.

Additional Preliminary Title Reports for the Siegle and Proctor acquisitions have also been included as a \$2,000 direct cost.

The cost estimate for the requested \$79,300 is attached. Of the \$79,300, \$18,800 is requested by O'Dell, \$7,000 is requested by BRI, \$1,500 by Ketcham Appraisals, and \$52,000 by Quincy. Again, thank you for the opportunity and please let me know if there is anything regarding this Scope and Budget you would like to discuss.