

Attachment B
Amendment 3 Scope of Work

The following is a summary of the revised 'Scope of Work' that will be included in the Contract Services Agreement Amendment Number 3 with Kleinfelder for the Washington Manor Park Irrigation Well Replacement Project, Project No. 2022.3060:

1. Section 1.1 of the Agreement entitled "Term of Services" is hereby amended to extend the term from December 31, 2021, to June 30, 2023; and

2. Exhibit A of the Original Agreement entitled "Scope of Services" is hereby amended to add the following text at the end of the section:

Add the following paragraph at the end of the section for Task 1: Well Plans and Specifications:

- Meet with City Staff to review comments and confirm revisions to be incorporated into the last progress PS&E submittal received in September, 2021.
- Provide a demolition plan to remove existing 8" diameter irrigation well, well pad and enclosure
- Incorporate additional detailed performance specifications and project requirements as needed for bidding of deferred submittal items to be completed by contractor, other items needed to complete a replacement irrigation well.

Add the following paragraph at the end of the section for Task 2: MEP Plans and Specifications:

- Meet with City Staff to review comments and confirm revisions to be incorporated into the last progress PS&E submittal received in September, 2021.
- Incorporate detailed performance specifications and project requirements as needed for bidding of deferred submittal items to be completed by the contractor; including submersible well pump, riser pipe, variable frequency drive, pump controllers, and controls, and all other items needed to complete a replacement irrigation well.

Add new Tasks 5 and 6 as follows:

Task 5 – Well Construction Management (CM)

During construction of the water supply well, Kleinfelder staff will be on-site and available to communicate with City staff and the drilling contractor during crucial periods of the well construction task as detailed in the drilling and well construction specifications.

Task 5a - Drilling, Design, Installation, and Development

Experience has shown that critical times during drilling and construction require experienced management. Kleinfelder staff will be onsite to observe and monitor the contractors work during at critical times during construction, including:

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| • Conductor casing placement | • Seals placement |
| • Drilling fluid management | • Well development |
| • Geophysical log (E-log) interpretation | • Production testing |

- Zone testing
- Well screen placement
- Filter pack placement
- Water quality testing
- Final video inspection
- Sanitization/chlorination

Task 5b - Final Well Design Recommendations

Following the completion of the test boring, lithologic logging and E-logging, Kleinfelder will provide a detailed interpretation of the data to refine which zone(s) for potential production quality and blending and provide a final well design with the appropriate well screen placement commensurate with water quality and production potential. This will be done in one day. As part of the final design, we will evaluate and provide engineering recommendations for pump type, placement (depth), and operation.

Task 5c - Reporting

After the completion of the well construction, Kleinfelder will prepare a report summarizing well construction and document adherence to the well drilling specifications by the drilling contractor. The report will include a description of the following:

- Narrative of well drilling methodology/procedure,
- Well location graphically depicted,
- Lithology encountered and graphically displayed on boring log,
- As-built diagram showing well construction,
- Pumping test results,
- Description of aquifer parameters using 2-dimensional aquifer modeling software (Aqtesolv),
- Description of water quality and comparison to water quality goals,
- Pump and pump setting recommendations,
- Supporting documents: Geophysical logs, Grain size analysis, Certified water quality laboratory results

Added the following paragraph at the end of the Schedule Section:

Amendment 3 Deadlines:

Meeting with City Staff	2 Weeks after approval of Amendment 3
Deliver revised 100% PS&E	6 Weeks after approval of Amendment 3
Deliver final signed bid documents	8 Weeks after approval of Amendment 3
Well Construction Management	Kleinfelder shall accommodate the work schedule of the City's contractor. Work is projected to start in spring 2023, but could change depending on the time period for the bid and award process.