



Corporate Headquarters

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October 31, 2018

Mr. Jackie Loper
Public Service Director
CITY OF IMPERIAL
420 S. Imperial Avenue
Imperial, CA 92251

RE: Water and Wastewater System Map Updates

Dear Mr. Loper,

Pursuant to your request, WEBB Associates has prepared this proposal to update the City's Water and Sewer System Maps to include development projects and new infrastructure constructed since the last water and sewer master plans were completed in 2006. In addition to updating the information and preparing new hardcopy maps for the City's use, WEBB will create a GIS database so that future infrastructure can be easily added to the system and new maps created quickly. The GIS map will have the ability to overlay Google Earth images or street centerlines and parcel data.

TASKS & DELIVERABLES

The following tasks and deliverables will be completed as part of this work.

- Prepare a system map in GIS format using the 2006 Water and Sewer Master Plans as the base map
- Add new development projects and City constructed infrastructure (new development maps will be delivered to WEBB by the City)
- Deliver two (2) hardcopies of the updated maps to the City for review and approval
- Update the maps and GIS based upon City comments
- Finalize the maps and GIS
- Deliver five (5) full size (24x36 inch) hardcopies of the maps to the City along with an electronic PDF file
- Participate in a 2 hour conference call with City staff to train on how to prepare a Google Earth overlay map of the water or sewer system.

SCHEDULE & FEES

WEBB will begin the work immediately upon approval. It is anticipated that the draft maps will be delivered to the City within three (3) weeks of receiving the development maps from the City. Upon receipt of City comments, WEBB will complete the maps and deliver the final hardcopies and PDF to the City within one (1) week. The training will occur based upon the City's availability after completion of the maps.



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The total fee for this work will be \$6,860 based upon the following hours.

- Engineer 16 hours
- GIS Specialist 16 hours
- Principal 6 hours

If you have any questions, please contact our office.

Sincerely,

ALBERT A. WEBB ASSOCIATES

A handwritten signature in blue ink, appearing to read "B. Knoll". The signature is fluid and cursive, with a large initial "B" and a stylized "Knoll".

Brian P. Knoll, PE
Vice President

cc: Kris Danielson, WEBB