

**PROFESSIONAL ENGINEERING AGREEMENT
FOR THE
APEX 24" TRANSMISSION WATERLINE PROJECT**

**EXHIBIT "A-1"
SUPPLEMENTAL SERVICES**

The Consultant shall provide Supplemental Services directly related to the Project when requested and authorized in writing to do so by the City. Compensation for Supplemental Services shall be made pursuant to Section VIII, B.1 (b). The Fee Schedule included as Exhibit "B" shall be in effect for the duration of the Project. Supplement Services of the Consultant may include, but are not limited to the following:

SS 1.0 Additional Design Services

At the City's written request, the Consultant shall:

- Provide additional engineering services that are directly related to the Project but which were not anticipated nor which could be reasonably construed to be associated with the work described in Exhibit "A".
- Provide additional environmental consulting services for agency consultation related to coordination and permitting with USACE regarding Clean Water Act and National Environmental Policy Act compliance, as well as delineation of jurisdictional waters or Clean Water Act permitting.
- Provide additional potholes, including backfill, compaction, surface restoration, traffic control and permits if needed, to determine the location of underground utilities along the alignment.

SS 2.0 Additional Bidding Phase Support Services

At the City's written request, the Consultant shall:

- Provide Bidding Phase Support Services in excess of those specified in Exhibit "A".

SS 3.0 Additional Construction Management Support Services

At the City's written request, the Consultant shall:

- Provide additional construction surveying and construction staking in excess of those specified in Exhibit "A".

- Provide Construction Management Support Services in excess of those specified in Exhibit “A”.
- Provide construction inspections.
- Provide quality assurance and materials testing.

SS 4.0 Supplemental Meetings and Site Visits

At the City’s written request, the Consultant shall:

- Conduct additional meeting as necessary to present and/or review any aspect of the Project beyond that intended in Exhibit “A”.

SS 5.0 Additional Soil Exploration/Testing

At the City’s written request, the Consultant shall:

- Provide supplemental soil exploration and/or testing determined during the design process to be essential to address unanticipated problematic subsurface soils and geologic conditions.

SS 6.0 Mapping and Surveying

At the City’s written request, the Consultant shall:

- Perform additional mapping, surveying, and record surveys at the direction of the City to supplement City staff.
- Prepare additional legal exhibits and descriptions for right-of-way and/or easements for the project as directed.