

**AGREEMENT FOR PROFESSIONAL SERVICES
(Design Professional)**

THIS AGREEMENT is made and entered into this ____ day of _____, 2018, by and between the City of Merced, a California Charter Municipal Corporation, whose address of record is 678 West 18th Street, Merced, California 95340, (hereinafter referred to as "City") and Quad Knopf, Inc., a California Corporation, whose address of record is 2816 Park Avenue, Merced, California 95348, (hereinafter referred to as "Consultant").

WHEREAS, City is undertaking a project to construct improvements at three municipal well sites; and,

WHEREAS, Consultant represents that it possesses the professional skills to provide engineering design services in connection with said project.

NOW, THEREFORE, the parties hereto, in consideration of the mutual covenants hereinafter recited, hereby agree as follows:

1. **SCOPE OF SERVICES.** The Consultant shall furnish the following services: Consultant shall provide the engineering design services described in Exhibit "A" attached hereto.

No additional services shall be performed by Consultant unless approved in advance in writing by the City, stating the dollar value of the services, the method of payment, and any adjustment in contract time. All such services are to be coordinated with City and the results of the work shall be monitored by the City Engineer or his designee. However, the means by which the work is accomplished shall be the sole responsibility of the Consultant.

2. **TIME OF PERFORMANCE.** All of the work outlined in the Scope of Services shall be completed in accordance with the Schedule outlined in Exhibit "B" attached hereto and incorporated herein by reference. By mutual agreement and written addendum to this Agreement, the City and the Consultant may change the requirements in said Schedule.

3. **RESERVED.**

4. **COMPENSATION.** Payment by the City to the Consultant for actual services rendered under this Agreement shall be made upon presentation of an

invoice detailing services performed under the Scope of Services, in accordance with the fee schedule set forth in Exhibit "C" attached hereto and incorporated herein by reference. The Consultant agrees to provide all services required under the Scope of Services in Exhibit "A" within the compensation amount set forth in Exhibit "C". For Consultant's services rendered under this Agreement, City shall pay Consultant the not to exceed sum of One Hundred Fifteen Thousand Eight Hundred Fifty-Three Dollars (\$115,853.00).

5. **METHOD OF PAYMENT.** Compensation to Consultant shall be paid by the City after submission by Consultant of an invoice delineating the services performed.

6. **RECORDS.** It is understood and agreed that all plans, studies, specifications, data magnetically or otherwise recorded on computer or computer diskettes, records, files, reports, etc., in possession of the Consultant relating to the matters covered by this Agreement shall be the property of the City, and Consultant hereby agrees to deliver the same to the City upon termination of the Agreement. It is understood and agreed that the documents and other materials including but not limited to those set forth hereinabove, prepared pursuant to this Agreement are prepared specifically for the City and are not necessarily suitable for any future or other use.

7. **CONSULTANT'S BOOKS AND RECORDS.** Consultant shall maintain any and all ledgers, books of account, invoices, vouchers, canceled checks, and other records or documents evidencing or relating to charges for services or expenditures and disbursements charged to the City for a minimum of three (3) years, or for any longer period required by law, from the date of final payment to the Consultant to this Agreement. Any records or documents required to be maintained shall be made available for inspection, audit and/or copying at any time during regular business hours, upon oral or written request of the City.

8. **INDEPENDENT CONTRACTOR.** It is expressly understood that Consultant is an independent contractor and that its employees shall not be employees of or have any contractual relationship with the City. Consultant shall be responsible for the payment of all taxes, workers' compensation insurance and unemployment insurance. Should Consultant desire any insurance protection, the Consultant is to acquire same at its expense.

In the event Consultant or any employee, agent, or subcontractor of Consultant providing services under this Agreement is determined by a court of

competent jurisdiction or the California Public Employees Retirement System (PERS) to be eligible for enrollment in PERS as an employee of the City, Consultant shall indemnify, protect, defend, and hold harmless the City for the payment of any employee and/or employer contributions for PERS benefits on behalf of Consultant or its employees, agents, or subcontractors, as well as for the payment of any penalties and interest on such contributions, which would otherwise be the responsibility of City.

9. INDEMNITY. To the fullest extent permitted by law (including, without limitation, California Civil Code Sections 2782 and 2782.8), Consultant shall indemnify, protect, defend (with legal counsel reasonably acceptable to City), save and hold City, its officers, employees, and agents, harmless from any and all claims or causes of action for death or injury to persons, or damage to property, or expense and liability of every kind, nature and description (including, without limitation, incidental and consequential damages, court costs, attorneys' fees, litigation expenses and fees of expert consultants or expert witnesses incurred in connection therewith and costs of investigation), that arise out of, pertain to, or relate to, the negligence, recklessness, willful misconduct of Consultant or its employees, subcontractors, or agents in the performance of this Agreement. It is understood that the duty of Consultant to indemnify and hold harmless includes the duty to defend as set forth in Section 2778 of the California Civil Code. Acceptance by City of insurance certificates and endorsements required under this Agreement does not relieve Consultant from liability under this indemnification and hold harmless clause. This indemnification and hold harmless clause shall survive the termination of this Agreement and shall apply to any damages or claims for damages whether or not such insurance policies shall have been determined to apply. By execution of this Agreement, Consultant acknowledges and agrees to the provisions of this Section and that it is a material element of consideration.

10. INSURANCE. During the term of this Agreement, Consultant shall maintain in full force and effect at its own cost and expense, the following insurance coverage:

a. Workers' Compensation Insurance. Full workers' compensation insurance shall be provided with a limit of at least One Hundred Thousand Dollars (\$100,000) for any one person and as required by law, including Employer's Liability limits of \$1,000,000.00 per accident. The policy shall be endorsed to waive the insurer's subrogation rights against the City.

b. General Liability.

- (i) Consultant shall obtain and keep in full force and effect general liability coverage at least as broad as ISO commercial general liability coverage occurrence Form CG 0001.
- (ii) Consultant shall maintain limits of no less than One Million Dollars (\$1,000,000) per occurrence for bodily injury, personal injury and property damage.
- (iii) The City, its officers, employees, volunteers and agents are to be named as additional insureds under the policy, as respects liability arising out of work or operations performed by or on behalf of the Consultant.
- (iv) The policy shall stipulate that this insurance will operate as primary insurance for work performed by Consultant and its sub-contractors, and that any other insurance or self insurance maintained by City or other named insureds shall be excess and non-contributory.
- (v) Consultant shall maintain its commercial general liability coverage for three (3) years after completion of the work and shall add an additional insured endorsement form acceptable to the City naming the City of Merced, its officers, employees, agents and volunteers for each year thereafter for at least three (3) years after completion of the work. Copies of the annual renewal and additional insured endorsement form shall be sent to the City within thirty (30) days of the annual renewal.

c. Automobile Insurance.

- (i) Consultant shall obtain and keep in full force and effect an automobile policy of at least One Million Dollars (\$1,000,000) per accident for bodily injury and property damage.
- (ii) The City, its officers, employees, volunteers and agents are to be named as additional insureds under the policy, as respects automobiles owned, leased, hired or borrowed by the Consultant.

- (iii) The policy shall stipulate that this insurance will operate as primary insurance for work performed by Consultant and its sub-contractors, and that any other insurance or self insurance maintained by City or other named insureds shall be excess and non-contributory.

d. Professional Liability Insurance. Consultant shall carry professional liability insurance appropriate to Consultant's profession in the minimum amount of One Million Dollars (\$1,000,000). Architects and engineers' coverage is to be endorsed to include contractual liability.

e. Qualifications of Insurer. The insurance shall be provided by an acceptable insurance provider, as determined by City, which satisfies all of the following minimum requirements:

- (i) An insurance carrier admitted to do business in California and maintaining an agent for service of process within this State; and,
- (ii) An insurance carrier with a current A.M. Best Rating of A:VII or better (except for workers' compensation provided through the California State Compensation Fund).

f. Certificate of Insurance. Consultant shall complete and file with the City prior to engaging in any operation or activity set forth in this Agreement, certificates of insurance evidencing coverage as set forth above and which shall provide that no cancellation or expiration by the insurance company will be made during the term of this Agreement, without thirty (30) days written notice to City prior to the effective date of such cancellation—including cancellation for nonpayment of premium. In addition to any other remedies City may have, City reserves the right to withhold payment if Consultant's insurance policies are not current.

11. ASSIGNABILITY OF AGREEMENT. It is understood and agreed that this Agreement contemplates personal performance by the Consultant and is based upon a determination of its unique personal competence and experience and upon its specialized personal knowledge. Assignments of any or all rights, duties or obligations of the Consultant under this Agreement will be permitted only with the express written consent of the City.

12. **TERMINATION FOR CONVENIENCE OF CITY.** The City may terminate this Agreement any time by mailing a notice in writing to Consultant that the Agreement is terminated. Said Agreement shall then be deemed terminated, and no further work shall be performed by Consultant. If the Agreement is so terminated, the Consultant shall be paid for that percentage of the phase of work actually completed, based on a pro rata portion of the compensation for said phase satisfactorily completed at the time the notice of termination is received.

13. **CONFORMANCE TO APPLICABLE LAWS.** Consultant shall comply with its standard of care regarding all applicable Federal, State, and municipal laws, rules and ordinances. No discrimination shall be made by Consultant in the employment of persons to work under this contract because of race, color, national origin, ancestry, disability, sex or religion of such person.

Consultant hereby promises and agrees to comply with all of the provisions of the Federal Immigration and Nationality Act (8 U.S.C.A. 1101 *et seq.*), as amended; and in connection therewith, shall not employ unauthorized aliens as defined therein. Should Consultant so employ such unauthorized aliens for the performance of work and/or services covered by this Agreement, and should any agency or instrumentality of the federal or state government, including the courts, impose sanctions against the City for such use of unauthorized aliens, Consultant hereby agrees to, and shall, reimburse City for the cost of all such sanctions imposed, together with any and all costs, including attorneys' fees, incurred by the City in connection therewith.

14. **WAIVER.** In the event that either City or Consultant shall at any time or times waive any breach of this Agreement by the other, such waiver shall not constitute a waiver of any other or succeeding breach of this Agreement, whether of the same or any other covenant, condition or obligation. Waiver shall not be deemed effective until and unless signed by the waiving party.

15. **INCONSISTENT OR CONFLICTING TERMS IN AGREEMENT AND EXHIBITS.** In the event of any contradiction or inconsistency between any attached document(s) or exhibit(s) incorporated by reference herein and the provisions of the Agreement itself, the terms of the Agreement shall control.

Any exhibit that is attached and incorporated by reference shall be limited to the purposes for which it is attached, as specified in this Agreement. Any contractual terms or conditions contained in such exhibit imposing additional obligations on the City are not binding upon the City unless specifically agreed to

in writing, and initialed by the authorized City representative, as to each additional contractual term or condition.

16. **AMBIGUITIES.** This Agreement has been negotiated at arms' length between persons knowledgeable in the matters dealt with herein. Accordingly, any rule of law, including, but not limited to, Section 1654 of the Civil Code of California, or any other statutes, legal decisions, or common-law principles of similar effect, that would require interpretation of any ambiguities in this Agreement against the party that drafted this Agreement is of no application and is hereby expressly waived.

17. **VENUE.** This Agreement and all matters relating to it shall be governed by the laws of the State of California and any action brought relating to this agreement shall be held exclusively in a state court in the County of Merced.

18. **AMENDMENT.** This Agreement shall not be amended, modified, or otherwise changed unless in writing and signed by both parties hereto.

19. **INTEGRATION.** This Agreement constitutes the entire understanding and agreement of the parties and supersedes all previous and/or contemporaneous understanding or agreement between the parties with respect to all or any part of the subject matter hereof.

20. **AUTHORITY TO EXECUTE.** The person or persons executing this Agreement on behalf of the parties hereto warrants and represents that he/she/they has/have the authority to execute this Agreement on behalf of their entity and has/have the authority to bind their party to the performance of its obligations hereunder.

21. **COUNTERPARTS.** This Agreement may be executed in one or more counterparts with each counterpart being deemed an original. No counterpart shall be deemed to be an original or presumed delivered unless and until the counterparts executed by the other parties hereto are in the physical possession of the party or parties seeking enforcement thereof.

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IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the date first above written.

CITY OF MERCED
A California Charter Municipal
Corporation

BY: _____
City Manager

ATTEST:
STEVE CARRIGAN, CITY CLERK

BY: _____
Assistant/Deputy City Clerk

APPROVED AS TO FORM:

BY: Kelly Fincher 10-30-18
City Attorney Date

ACCOUNT DATA:

BY: _____
Verified by Finance Officer

CONSULTANT
QUAD KNOFF, INC.,
A California Corporation

BY: Ronald J. Watter
(Signature)

Ronald J. Watter
(Typed Name)

Its: CEO
(Title)

BY: Janel Freeman
(Signature)

Janel Freeman
(Typed Name)

Its: CFD
(Title)

Taxpayer I.D. No. 94-2228472

ADDRESS: P.O. Box 3699
Visalia, CA 93278

TELEPHONE: 559-733-0440

FAX: 559-733-7821

E-MAIL: janel.freeman@QKINC.COM

Proposal - City of Merced

Engineering Design Services for Improvements at Municipal Well Sites #1, #2, and #7



Previous Experience and Expertise

QK (formerly Quad Knopf), a California Corporation, has a diverse staff of 110 employees in six offices – Merced, Fresno, Visalia, Porterville, Bakersfield, and Roseville. QK's Merced office has a total of 14 employees.

QK is built on five distinct areas of expertise that work together to make the built environment possible. We have the industry's most creative professionals in:

- **Engineering Design & Construction Mgmt.**
- **Survey & GIS**
- Urban Design & Landscape Architecture
- Biology & Environmental Permitting
- Planning

In 2014, Quad Knopf combined resources with long-time teaming partner Fremming, Parson & Pecchenino (FP&P), a well-known and respected civil engineering and land surveying firm in Merced County and the Central Valley. The merger enabled both firms to expand their geographic presence, and provide enhanced specialized environmental, planning, construction support and GIS services to FP&P clients, while strengthening QK's water resources, surveying and civil engineering services.

The QK professionals selected for this project have extensive experience in providing engineering design services and construction support for drinking water facilities to public agencies. The Merced staff specifically have decades of experience with drinking water wells, storage tanks, pump stations, consolidation projects, water treatment, distribution system analysis and design, capacity studies, and water system master plans.

Qualifications of Subcontractors



HCS Engineering, Inc. **Electrical Engineering**

HCS ENGINEERING, INC. is an Electrical Engineering Consulting firm that has provided services to the heart of the Central Valley of California for the last 49 years. The firm has been in business since January 1969, when Hugh Charles Smith "HCS" opened the business in Stockton, California.

HCS Engineering, Inc. is dedicated to providing clients with outstanding electrical engineering consulting services. Since its formation, the firm has provided responsible services to Architects, Civil Engineers, Businesses, Industry, Schools, Healthcare and Government.

HCS Engineering, Inc. designs electrical systems to suit client needs within the economic constraints set forth by them and complete their projects in a timely and competent manner.

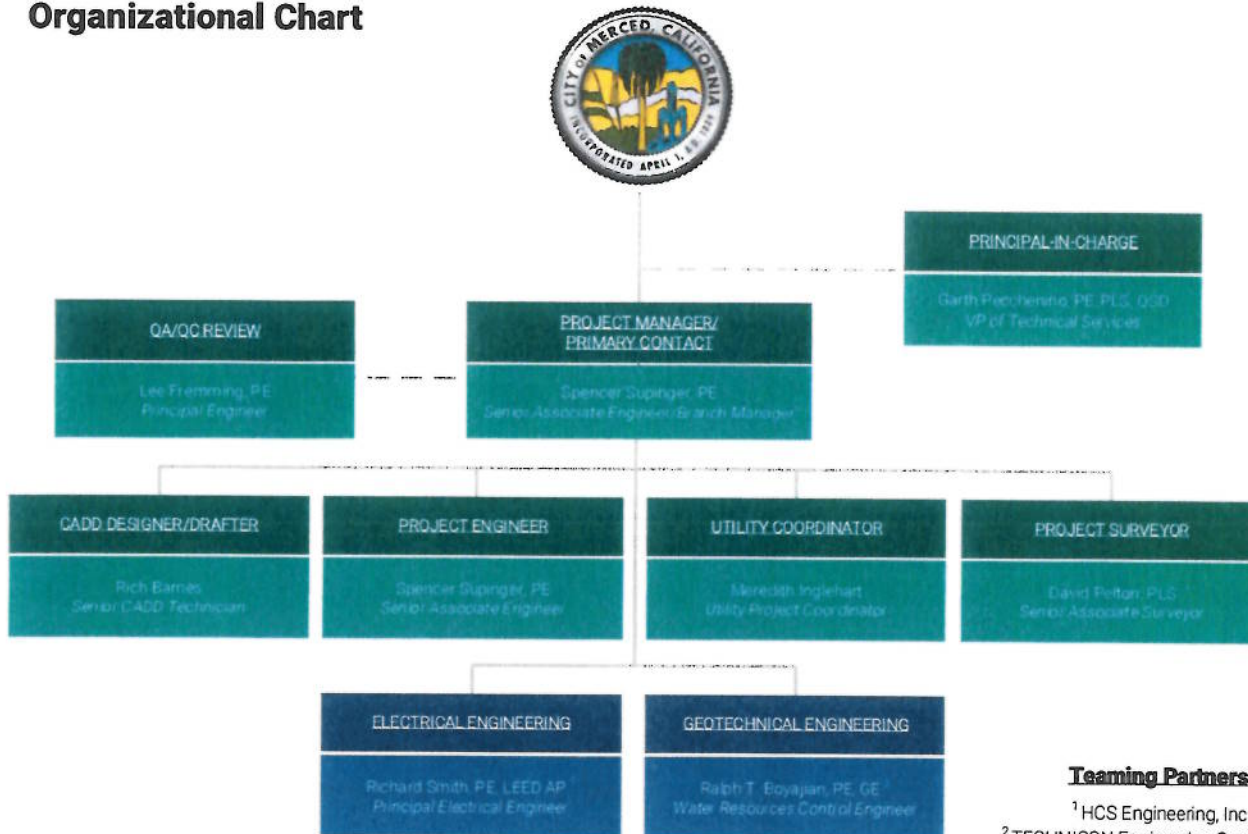
HCS Engineering, Inc. strives to produce the best balance of electrical design functionality, cost efficient schemes, and meet the highest green building and performance standards.

**TECHNICON Engineering Services, Inc.**
Geotechnical Engineering

TECHNICON is a geotechnical, environmental and materials testing engineering consulting firm established in March, 1989, in Fresno, CA by principals Darren G. Williams and Kent S. Baucher. A California corporation and certified California Small Business Enterprise, the firm maintains offices in Fresno, Atwater, and Visalia, California, and DSA LEA program approved testing laboratories in Fresno. Currently, the company is made up of 53 full- and part-time technical and administrative staff, including geotechnical and civil engineers; geologists; environmental specialists; steel and concrete special inspectors, and soils and concrete technicians.

TECHNICON's highly trained staff have extensive experience with expansive clays, collapsible soils, and slope stability, clay liners and shallow groundwater. TECHNICON's staff of field technicians are thoroughly trained in all aspects of earthwork construction and evaluations of field conditions related to our geotechnical studies. The scope of field and laboratory services for each project is customized to meet the needs of the client. Studies range from non-complex soils analysis reports to extensive geotechnical investigations and seismic analyses including liquefaction, seismic site response and maximum and probable earthquakes.

TECHNICON takes great care in the preparation of complete, clear, and concise reports that offer practical and cost-effective conclusions and recommendations. Recommendations are conceived after a thorough assessment of all site conditions and factors. Each detailed report includes a comprehensive evaluation of subsurface conditions at the project site to provide geotechnical engineering design parameters and recommendations for use in building and pavement design and preparation of construction specifications.

Organizational Chart**Teaming Partners:**¹ HCS Engineering, Inc.² TECHNICON Engineering Services, Inc.



Proposed Scope of Work

Scope of Work

Task 1 Evaluate Site Conditions

Task 1.1 – Obtain Information and Coordinate with the City

The design team would first meet with City staff and visit each of the well sites to confirm general site conditions and the proposed scope of work. A topographic survey of each of the well sites would be completed and the information converted to a CADD drawing to be used as the basis of the proposed improvements. After performing initial utility research of the project areas, QK would coordinate with and contract with a local contractor to pothole and confirm location and depth of existing utilities. The collected information would be shown on the topographic map and will be considered during development of the project plans and specifications. QK would also work with a geotechnical engineer to provide soil fill and grading recommendations for the site.

Please note that all survey work would be performed by or under the supervision of a California licensed Professional Land Surveyor and the appropriate seals and signatures will appear on the final bid plans.

Task 1.2 – Prepare Preliminary Design Report

The next task would include a summary of the site research and discussions with the City. It would include a list of the proposed improvements and any special design considerations or limitations that have been identified. The report would also include preliminary plans for the three well sites and a proposed schedule and cost estimate for the project. It will also outline any identified requirements for storm water management, air pollution control, regulatory permitting, demolition, or disposal of special waste. A draft report would be submitted to the City for review and a final draft issued after all City comments are addressed.

Deliverables: Draft Preliminary Design Report, Final Preliminary Design Report

Task 2 Prepare Plans and Specifications for Construction

Based on the proposed project and recommendations outlined in the approved Preliminary Design Report, QK will produce 60%, 90%, 100%, and final construction plans and specifications with the opportunity between versions to discuss with City staff the design intent and to resolve any issues or concerns. Construction drawings would include a topographic survey, demolition plan, site plan, utility plan & profiles (if warranted), grading plan, Storm Water Pollution Prevention Plan (SWPPP), construction details, and the appropriate electrical drawings to support the project.

Written technical specifications describing the work, materials, and applicable standards, including a list of bid items and their quantities shall be delivered to the City to include in the bid documents. Prior to bidding, the design engineer will use historical data on other recent public works projects and will communicate with local contractors and suppliers to generate an engineer's estimate of the construction costs for the project. It is understood that the City will provide their own front-end boiler plate documents.

Please note that all civil design work would be performed by or under the supervision of a California licensed Professional Civil Engineer. The appropriate seals and signatures will appear on the final bid plans and technical specifications.

Deliverables: 60%, 90%, 100% & Final Plans, Specifications, and Construction Cost Estimate for Project



Task 3 Project Bidding Services

Due to the project using public funds, the award of the construction contract will need to go through the public bidding process. The design engineer and other staff will provide support during the bid phase including creation of the pre-bid meeting agenda, attendance at the pre-bid meeting, response to questions and preparation of addenda, evaluation of the bid results and bidder documentation, and recommendation for contract award.

Deliverables: Pre-Bid Meeting Agenda, Bidding Addenda, Summary of Bid Results, Recommendation of Award

Task 4 Project Construction Services

Once the project has been awarded, a pre-construction meeting will be held to discuss the project, contract terms, the contractor's schedule, payment methods, and any other items as needed prior to construction. During construction, the design engineer will review all material submittals, respond to requests for information (RFIs), review change orders, review material testing results, review pay requests, perform periodic site visits to observe site conditions, construction methods, and progress and attend start-up sessions with contractor and equipment installers.

Deliverables: Responses to RFIs, Reviewed Submittals, Construction Observation Reports

Task 5 Project Closeout Services

Upon completion of the project, the design engineer will reconcile records with the Contractor to generate record as-built drawings of the improvements. The record drawings will be circulated to all parties for review before they are stamped and signed by the design engineer and provided to the City.

Deliverables: Final Punchlist, As-Built Drawings

Project Task/Constraints Beyond Consultant's Control

It is assumed that the City will be handling the following items, or they will be completed by others:

- CEQA compliance
- SWPPP reporting, monitoring, & registration on SMARTS
- Front end bidding documents and advertisement
- Permits & permit fees
- Labor compliance & registration with DIR website

It should be noted that we have qualified professionals that can help with all the above items and can be negotiated at a later time, if needed.

Other Services

Construction staking may be required for the project and can be added to our scope at a later time. It is also something that can be included in the construction budget, with the contractor supplying their own construction staking for the project.

Progress Payments

Progress payments, upon invoice, will be made monthly based on actual hours worked applied to the agreed-upon rates of compensation. QK's invoices shall identify hours worked by date for each named individual staff member, and include backup for all non-labor charges. QK must also identify any reimbursable expenses, and any necessary services outside the Scope of Work shall be identified and quantified.



Schedule

Improvements at Municipal Well Sites #1, #2, and #7		
Task No.	Task	Duration (Calendar Days)
Pre-Task	City Council Approval of Contract & Notice to Proceed	1 day
Task 1.0	EVALUATE SITE CONDITIONS	
Task 1.1	Obtain Information and Coordinate with the City	
	Initial Site Visit & Meeting with City	1 day
	Topographic Survey	2 days
	CADD Drafting	12 days
	Utility Research/Potholing	12 days
Task 1.2	Obtain Information and Coordinate with the City	
	Engineering & Analysis	9 days
	Report Text	9 days
	Preliminary Plans & Cost Estimate	16 days
	Construction Schedule	9 days
Task 2.0	PREPARE PLANS AND SEPCIFICATIONS FOR CONSTRUCTION	
	60% Plans, Specifications, and Cost Estimate	16 days
	90% Plans, Specifications, and Cost Estimate	3 days
	100% Plans, Specifications, and Cost Estimate	3 days
	Final Bid Plans, Specifications, and Cost Estimate	3 days
Task 3.0	PROJECT BIDDING SERVICES	
	Bidding Assistance & Addenda	28 days
	Prebid Meeting Agenda and Attendance	1 day
	Bid Review and Award Recommendation	8 days
	Construction Contract Award	1 day
Task 4.0	PROJECT CONSTRUCTION SERVICES	
	Pre-Construction Meeting	1 day
	Submittal Review	17 days
	Issue Notice to Proceed	1 day
	Review/Respond to RFIs, Change Orders, & Progress Payments	129 days
	Resident Project Representative Site Visits	129 days
Task 5.0	PROJECT CLOSEOUT SERVICES	
	Final Punchlist Site Walk	1 day
	As-Built Drawings	11 days

Task Description	Personnel Hours							Budget								
	Principal Engineer	Sr. Associate Engineer	Assistant Engineer	Senior CADD Technician	Surveyor	1-Person Survey Crew	Total Hours	TOTAL LABOR	Subconsultant	Markup 15%	Miscellaneous Expenses	Travel Expenses	Mileage	TOTAL NON-LABOR EXPENSES	TOTALS	
Task 1.0 – Evaluate Site Conditions 1.1 - Obtain Information and Coordinate with the City Initial Site Visit & Meeting with City Topographic Survey CADD Drafting Utility Research Potholing + Subcontractor Subconsultants 1.2 - Prepare Preliminary Engineering Report Engineering & Analysis Report Text Preliminary Plans CADD Drafting Exhibits Construction Schedule Cost Estimate QA/QC Project Management Requirements	Labor Rates	\$199	\$156	\$110	\$127	\$156	\$160									
	2.0	2.0	2.0				6.0	\$930.00	-	-			-	\$0.00	\$930.00	
		2.0			4.0	24.0	30.0	\$4,776.00	-	-			-	\$0.00	\$4,776.00	
		2.0	20.0	4.0			26.0	\$3,020.00	-	-			-	\$0.00	\$3,020.00	
		8.0	2.0				10.0	\$1,468.00	-	-			-	\$0.00	\$1,468.00	
		8.0	2.0			8.0	18.0	\$2,748.00	\$18,000.00	\$2,700.00			-	\$20,700.00	\$23,448.00	
		1.0	1.0				2.0	\$266.00	\$20,000.00	\$3,000.00			-	\$23,000.00	\$23,266.00	
		8.0	10.0				18.0	\$2,348.00	-	-	\$40.00		-	\$0.00	\$2,348.00	
		8.0	12.0				20.0	\$2,568.00	-	-			-	\$40.00	\$2,608.00	
		14.0	14.0				28.0	\$3,724.00	-	-			-	\$0.00	\$3,724.00	
		4.0	12.0	6.0			22.0	\$2,706.00	-	-			-	\$0.00	\$2,706.00	
		2.0	3.0				5.0	\$642.00	-	-			-	\$0.00	\$642.00	
		4.0	3.0				7.0	\$954.00	-	-			-	\$0.00	\$954.00	
		6.0	3.0	3.0			12.0	\$1,992.00	-	-			-	\$0.00	\$1,992.00	
	2.0	2.0	2.0			6.0	\$930.00	-	-			-	\$0.00	\$930.00		
	Subtotals	10.0	68.0	86.0	10.0	4.0	32.0	210.0	\$29,072.00	\$38,000.00	\$5,700.00	\$40.00	\$0.00	\$43,740.00	\$72,812.00	
Task 2.0 – Prepare Plans & Specifications for Construction 60% Plans, Specifications, and Cost Estimate 90% Plans, Specifications, and Cost Estimate 100% Plans, Specifications, and Cost Estimate Final Bid Plans, Specifications, and Cost Estimate Meetings with City QA/QC Subconsultants																
		18.0	18.0	2.0			38.0	\$5,042.00	-	-	\$40.00		-	\$40.00	\$5,082.00	
		10.0	10.0	2.0			22.0	\$2,914.00	-	-	\$40.00		-	\$40.00	\$2,954.00	
		10.0	10.0	2.0			22.0	\$2,914.00	-	-	\$40.00		-	\$40.00	\$2,954.00	
		6.0	6.0	2.0			14.0	\$1,850.00	-	-	\$40.00		-	\$40.00	\$1,890.00	
		2.0	6.0	6.0			14.0	\$1,994.00	-	-			-	\$0.00	\$1,994.00	
		12.0	5.0	5.0			22.0	\$3,718.00	-	-			-	\$0.00	\$3,718.00	
		2.0	2.0				4.0	\$532.00	\$2,000.00	\$300.00			-	\$2,300.00	\$2,832.00	
		Subtotals	14.0	57.0	57.0	8.0	0.0	136.0	\$18,964.00	\$2,000.00	\$300.00	\$160.00	\$0.00	\$0.00	\$2,460.00	\$21,424.00
Task 3.0 – Project Bidding Services Bidding Assistance Prebid Meeting Agenda and Attendance Bidding Addenda Bid Review and Award Recommendation Subconsultants																
		4.0	4.0				8.0	\$1,064.00	-	-			-	\$0.00	\$1,064.00	
		2.0	4.0				6.0	\$752.00	-	-			-	\$0.00	\$752.00	
		4.0	4.0				8.0	\$1,064.00	-	-			-	\$0.00	\$1,064.00	
		2.0	2.0				4.0	\$532.00	-	-			-	\$0.00	\$532.00	
							0.0	\$0.00	\$450.00	\$68.00			-	\$518.00	\$518.00	
	Subtotals	0.0	12.0	14.0	0.0	0.0	26.0	\$3,412.00	\$450.00	\$68.00	\$0.00	\$0.00	\$0.00	\$518.00	\$3,930.00	
Task 4.0 - Project Construction Services Submittal Review Review Progress Payments Respond to RFIs, Change Orders & Claims Resident Project Representative Site Visits Subconsultants																
		8.0	10.0				18.0	\$2,348.00	-	-			-	\$0.00	\$2,348.00	
		4.0					4.0	\$624.00	-	-			-	\$0.00	\$624.00	
		12.0	8.0				20.0	\$2,752.00	-	-			-	\$0.00	\$2,752.00	
		16.0	12.0				28.0	\$3,816.00	-	-		\$193.00	-	\$193.00	\$4,009.00	
		2.0					2.0	\$312.00	\$1,800.00	\$270.00			-	\$2,070.00	\$2,382.00	
	Subtotals	0.0	42.0	30.0	0.0	0.0	72.0	\$9,852.00	\$1,800.00	\$270.00	\$0.00	\$0.00	\$193.00	\$2,263.00	\$12,115.00	
Task 5.0 - Project Closeout Services As-Built Drawings Final Punchlist Site Walk Project Closeout Subconsultants																
		2.0	10.0	2.0		6.0	20.0	\$2,626.00	-	-	\$40.00		-	\$40.00	\$2,666.00	
		4.0	4.0				8.0	\$1,064.00	-	-			-	\$0.00	\$1,064.00	
		4.0					5.0	\$823.00	-	-			-	\$0.00	\$823.00	
		1.0					1.0	\$156.00	\$750.00	\$113.00			-	\$863.00	\$1,019.00	
		1.0	11.0	14.0	2.0	0.0	34.0	\$4,669.00	\$750.00	\$113.00	\$40.00	\$0.00	\$0.00	\$903.00	\$5,572.00	
	Subtotals	25.0	190.0	201.0	20.0	4.0	38.0	\$55,969.00	\$43,000.00	\$6,451.00	\$240.00	\$0.00	\$193.00	\$49,884.00	\$115,853.00	
	TOTALS															



2018 Charge Rate Schedule

Technical Services

Project Assistant	\$66 /hour
Project Administrator	\$88 /hour
Assistant CADD Technician/Designer /GIS Technician	\$83 /hour
Associate CADD Technician/Designer /GIS Analyst	\$97 /hour
Senior Associate CADD Technician/Designer/ GIS Analyst	\$112 /hour
Senior CADD Technician/Designer /GIS Analyst	\$127 /hour

Professional Services

Engineering

Assistant Engineer	\$110 /hour
Associate Engineer	\$133 /hour
Senior Associate Engineer	\$156 /hour
Senior Engineer	\$180 /hour
Principal Engineer	\$199 /hour

Planning/Environmental/Landscape Architecture

Assistant Planner/Environmental Scientist	\$77 /hour
Associate Planner/Environmental Scientist	\$97 /hour
Senior Associate Planner/Environmental Scientist	\$121 /hour
Senior Planner/Environmental Scientist/Landscape Architect	\$142 /hour
Principal Planner/Environmental Scientist	\$157 /hour
Senior Principal Planner/Environmental Scientist	\$187 /hour

Construction and Project Management

Field Construction Observer	\$99 /hour
Associate Field Construction Observer	\$118 /hour
Senior Field Construction Observer	\$138 /hour
Assistant Construction Manager	\$110 /hour
Associate Construction Manager	\$129 /hour
Project Manager	\$133 /hour
Senior Associate Construction/Project Manager	\$148 /hour
Senior Construction/Project Manager	\$165 /hour
Principal Project Manager	\$180 /hour

Surveying

Assistant Surveyor	\$97 /hour
Associate Surveyor	\$110 /hour
Senior Associate Surveyor	\$133 /hour
Senior Surveyor	\$156 /hour
One-Person Survey Crew	\$121 /hour
Two-Person Survey Crew	\$198 /hour
Three-Person Survey Crew	\$240 /hour

Fees are based on the median hourly pay rate for employees in each classification, plus indirect costs, overhead, and profit.

Expenses:

Plotting, In-house Printing and Reproduction, Equipment Rentals, Laboratory Analyses	1.15 x Cost
Transportation and per diem	1.15 x Cost
Mileage	\$0.63/mile
Off-road vehicles	\$50.00/day
Communication expenses (telephone, parcel post, etc.)	1.15 x Cost
Other Expenses - Including Subconsultants & Purchased Services through Subcontracts	1.15 x Cost

Rates are effective through December 31, 2018. If contract assignment extends beyond that date, a new rate schedule may be added to the contract. Litigation support will be billed at \$300 per hour. Rates based on "Prevailing Wage" (PW) for Construction Surveying will be determined by project and County per California law.