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January 18, 2024

Mr. Matt Thompson, PE
Recycled Water Manager
City of Paso Robles
3200 Sulphur Springs Road
Paso Robles, CA 93446

PROJECT: **CITY OF PASO ROBLES – CONSTRUCTION MANAGEMENT AND INSPECTION SERVICES FOR THE PASO ROBLES RECYCLED WATER DISTRIBUTION SYSTEM**

Dear Mr. Thompson:

The Recycled Water Distribution System is one of the largest infrastructure projects in the City of Paso Robles' (City) history. With the design complete, funding secured through a grant and low interest loan from the State of California, and property and easement acquisition in the works, the City is ready to advertise the project shortly after the new year.

Currently, advanced tertiary treated recycled water is discharged into the Salinas River and ultimately flows out of the Paso Robles Groundwater Basin. The Recycled Water Distribution System (RWDS) will alleviate drought and water shortage concerns by redirecting this discharged water for private and public irrigation on the north and east sides of the City. This will thereby reduce pumping from the Paso Robles Groundwater Basin and add a new City water supply. This project will create a fully operational recycled water system, complete with pump station, storage tank, and discharge and chemical dosing facilities that can be remotely controlled through the City's SCADA system.

The City intends to hire a professional services consulting firm to provide construction management services and implementation of the project. The selected firm must be able to provide the following:

- Quality work and ability to control costs and meet time schedules.
- Qualified leadership through a proven construction manager and supporting team staff.
- Understanding of the requirements and documentation associated with the project.
- Experience with each aspect of this multi-faceted project, with success on previous projects and the references to back it up.

Our team members share a long history of working together on infrastructure projects for the City of Paso Robles, including several previously installed segments of the Recycled Water

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Distribution System. We take great pride in the work that we provide. This relationship extends beyond our core construction management team and includes our in-house surveyors, long-time team member Earth Systems Pacific, and our in-house staff of licensed engineering professionals (civil, structural, mechanical, electrical, and automation). Our familiarity with City staff and successful history of coordinating construction work with multiple stakeholders means a seamless integration of services and commitment to supporting the City's interests and goals throughout the project.

We are proud of our ability to establish and maintain long-term relationships with our clients. We will work to support the City of Paso Robles with the same *Reliable Responsive Services* we have provided on other infrastructure improvement efforts. We enthusiastically submit our proposal for this project, and we welcome further conversations about how Cannon can help the City achieve its visions for an exceptional recycled water system.

Sincerely,

Patrick R. Riddell, PE, CPII
Director, Construction Management
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Charlie Gray, PE
Resident Engineer
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PROJECT UNDERSTANDING

The City of Paso Robles has been planning a Recycled Water Distribution System (RWDS) for many years to help reduce pumping from the Paso Robles Groundwater Basin. Since the City's Wastewater Treatment Plant (WWTP) was upgraded in 2019, the City produces around 2.4 million gallons per day of high-quality recycled water. Since the WWTP upgrade, several small segments of the RWDS have also been constructed as part of new developments and road rehabilitation program construction. Additionally, the City received a grant from the Department of Water Resources (DWR) and constructed the 1,900-foot-long Salinas River Segment in 2023.

The design for the remainder of RWDS Phase 1 was recently completed. The City plans to advertise the project for bids in early January and award a construction contract in early Spring of 2024. The project is expected to be complete and the RWDS operational around the end of 2026. The remainder of Phase 1 includes approximately 3.3 additional miles of pipeline, including a trenchless jack and auger bore installation under Highway 46, a recycled water pump station, 900,000-gallon recycled water reservoir, dechlorination station, and turnout at Buena Vista Drive.

The estimated construction cost for the project is between $20 - $30 million. The construction contract will be for approximately 33 months; however, a portion of that time will be for submittals and material procurement. We estimate there will be between 18 – 20 months of active construction for the project.

APPROACH

Cannon is uniquely suited to provide the City with construction management and inspection for this project. Several key members of our proposed team provided construction management or inspection of the Salinas River and River Oaks II Segments of the RWDS. Through our involvement on these segments, we developed working relationships with City Staff and the City's Engineer of Record (Carollo). Since these completed segments were also designed by Carollo in conjunction with the overall distribution system, we are already familiar with a large percentage of the project specifications and typical details.

As described above, this is a multi-faceted project with a diverse set of components. Our team is well versed in each portion of the project. In addition to providing construction management and inspection on numerous large diameter ductile iron pipelines, we have worked on AWWA D110, type 1 prestressed concrete tanks, pump stations, jack and bore pipeline installations, and a turnout facility on the Nacimiento Water Pipeline. We have worked on trenchless installations in Caltrans right-of-way and on major electrical upgrade projects. We understand the necessary level of coordination with both Caltrans and PG&E to keep the project progressing.

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We have thoroughly reviewed the project plans and technical specifications and have developed a detailed understanding of the overall goals and timing of the project. Based on our experience, discussions with the City, and review of the project documents, we have identified the following key elements for the successful completion of the RWDS.

Cost and Schedule Control

PG&E approvals and long lead times for electrical equipment have the potential to impact the project schedule. It is imperative that complete electrical equipment shop drawings are quickly submitted, reviewed, and routed to PG&E after the Notice to Proceed. Coordinating with PG&E will also be critical at various times during the project.

Cannon's approach to keeping the project on schedule includes identifying long lead items and expected lead times by the pre-construction conference. We will do this both in cooperation with and independent from the contractor to confirm accurate estimates of delivery time frames. We will prepare a complete submittal list for the project and identify expected lead times by calling suppliers and contractors and using information from our other recent projects.

Additionally, we will require the contractor to complete the following:

- Identify long-lead items and provide lead times. We will follow up on expected fabrication milestones and delivery dates during weekly meetings.
- Provide timely and complete submittals and resubmittals for critical path items.
- Include preparation and review of submittals and fabrication as well as delivery of significant materials in the contractor's baseline schedule to prevent surprises.
- Submit a detailed critical path method (CPM) baseline schedule per the project specifications. We will review the baseline schedule to confirm it is thorough (contains enough activities), uses correct schedule logic, and meets specification requirements.
- Update the baseline schedule each month and submit time impact analyses when necessary. Our construction manager will meet with the contractor's project manager to review the submitted schedules whenever written comments are not sufficient. We can then compare the contractor's actual progress to the updated CPM schedules.

Project costs are best controlled when potential issues, problems, and disputes are identified early, preferably even before the project goes to bid. In reviewing the project plans and specifications, we have already identified minor adjustments and/or additions to the contract documents that could reduce potential change orders and disputes with the contractor. We have provided these recommendations as part of our constructability review.

Not all challenges, however, can be identified prior to construction. When challenges are discovered during construction, our approach is to address these as quickly as possible in coordination with the City, engineer-of-record (EOR), and in partnership with the contractor.

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This may include issuing a cost request bulletin as soon as a change is identified, requiring the contractor to submit detailed cost proposals for changes in a timely manner, and issuing a contract change order as soon as cost and time are negotiated.

Technical Expertise

Cannon's team is knowledgeable in the design, construction, and sequencing of underground utilities, including recycled water pipelines and trenchless technologies. We are also knowledgeable in the construction of pump stations and prestressed concrete reservoirs.

We have a thorough understanding and background of applicable codes, standards, and technical guidelines, including the American Water Works Association (AWWA), California Building Code, California Manual on Uniform Traffic Control Devices, American Concrete Institute, Institute of Electrical and Electronics Engineers, and National Electric Code. Our team is intimately familiar with the project plans and specifications, the materials specified for the ductile iron pipeline, the procedures for installing large diameter internally restrained ductile iron pipe and constructing AWWA D110, type 1 prestressed concrete reservoirs.

As previously noted, we have recent experience reviewing and inspecting pipe materials from previous segments of the RWDS. From these and other City projects, we are familiar with the types of internally restrained joints the City prefers, such as TR-Flex and flex ring joints. We understand the pipe manufacturer's installation instructions for installing these internally restrained joints along with how to check pipe for "out of roundness". We are familiar with disinfection and leakage testing procedures for concrete reservoirs.

Communication Strategy

Communication is essential in successfully preventing or resolving problems that may be encountered during a project. Understanding our role in relation to the roles of the City and design engineer will be a top priority.

We will work closely with each of the project stakeholders from beginning to end. ***Stakeholders may include the City Project Manager, City WWTP and water distribution operators, the design team, the City's selected environmental monitoring consultant, local residents and ranchers along the pipeline alignment, the Vina Robles Vineyard, Caltrans, PG&E, SoCal Gas, and AT&T.*** It is imperative that the construction manager stay attuned to how each portion of the project impacts each stakeholder and be able to communicate effectively (verbally and in writing) in the event adjustments are necessary. Our approach is to start this communication at the pre-construction conference. We typically invite and encourage most stakeholders, including representatives for existing utilities, to attend the pre-construction conference. This is an opportunity for each stakeholder to share what is important to them to make the project a success.

The input of other stakeholders, such as residents and farmers, can be better acquired through public outreach. The on-site staff are responsible for keeping the parties informed

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about project progress. We will develop clear and concise procedures for communications that will expedite and facilitate project work. This will confirm information is available to the construction team in the shortest possible time, allowing the team to react or adjust construction operations based on stakeholder input.

We will use Procore, the City's preferred cloud-based construction management system, for document control and routing. Procore has many advantages, including 24/7 visibility of current plans, submittals, RFIs, and other documents from a computer with internet connection. We will set up the Project in Procore using our current subscription and provide each team member with access and training.

Sheeting, Shoring, and Bracing

The safety of workers, the public, and property is paramount on every construction project. Because the project includes open trench pipeline construction and auger bore pipe installation (requiring excavation of entry and exit pits), the work will require a level of sheeting, shoring, and/or bracing. Requirements for the contractor include the following:

- Understanding soil conditions.
- Developing a plan signed by a California registered engineer.
- Having the means and methods for retaining the trench walls.
- Protecting existing utilities in place.
- Having the ability to construct bedding, pipe, and backfill in accordance with the contract documents.
- Having the experience to know when changes are necessary to protect workers, the public, and property.

These requirements will be at the forefront of our construction management staff's mind from the pre-construction meeting through the end of construction.

Public Safety, Traffic Control and Public Convenience

As stated in the contract documents, City and private roads are to remain open to traffic during pipeline construction. To reduce disruptions, we will work closely with the contractor to confirm the requirements of the contract, public safety, traffic control, and public convenience are met. These requirements include maintaining a clean and safe project site and following the approved traffic control plans. While some contractors may view traffic control as a minor part of the work, we understand that this is one of the greatest impacts to residents and businesses along the pipeline alignment.

Residents' perception of the project (and the number of public complaints) will be directly tied to the quality of the traffic control operation. When pipe is installed within City and County roads, one lane of traffic will likely need to be closed, requiring reverse lane traffic control with flagging. We will confirm the contractor leaves ample space for traffic, reduces traffic delays, and does not unnecessarily store/stage equipment and materials within the

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roadway. We will review submitted traffic control plans to confirm they meet the project requirements as well as the CA MUTCD.

A large portion of the new recycled water pipeline will be installed cross-county, through newly acquired easements within private property. It will be imperative to be a good neighbor by containing construction and disturbance within the limits of easements, have good jobsite housekeeping, and protect or restore private property improvements (such as fences and driveways) to their existing condition or better. Cannon will thoroughly document pre-construction conditions along the pipe alignment to confirm private property is properly restored.

Traffic control, access, dust control, construction site housekeeping, and public safety will be of paramount importance for this RWDS. Our approach will include early outreach (in coordination with City staff) to the residents and businesses along the pipe alignment, clearly laying out expectations to the contractor at the pre-construction conference, confirming the contractor has a viable plan prior to the start of work, and meticulous inspection. If the contractor's operation is unsafe or does not meet critical contract requirements, the construction manager will stop unsafe work and issue a written Notice of Non-Compliance to the contractor.

Maintaining WWTP Operations

A portion of the project is within the City's WWTP. The contractor will likely mobilize and stage equipment and materials within the plant borders. It is imperative that construction activities and plant operations are not impacted or delayed by each other.

Close coordination is needed between plant operators/manager, the construction manager, and the contractor. Major construction activities and mobilizations can be scheduled around plant deliveries. The construction manager will confirm there are no surprises by making sure up-to-date and accurate schedules for both the construction and the plant are provided to both parties. To keep this issue a priority and at the forefront of everyone's mind, we will discuss critical activities and deliveries for both plant and construction at the beginning of each weekly progress meeting . We are very aware that City operations is essential for making this a success. Cannon will take thorough pre-construction photos and videos so we can verify the contractor restores the site to the pre-construction conditions.

Utility Locating

As one of the first items of work, the contractor is required to locate and identify the horizontal and vertical location of existing utilities affecting the work. This will help identify discrepancies between the plans and actual conditions prior to preparing pipe shop drawings and ordering pipe. This is not only essential for safety, but also to reduce the possibility of right-of-way delays.

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Enforcing this requirement at the pre-construction meeting will help confirm information is given to the engineer in a timely manner so that changes can be made with reduced disruption and/or cost impacts.

Environmental Mitigation and Monitoring Compliance

Environmental requirements and the importance of following these permit conditions will be emphasized in the pre-construction conference and reiterated at weekly progress meetings. Written notices will be sent to the contractor if requirements are not followed. We will coordinate with the City's environmental monitoring consultant before and during construction to confirm issues are relayed to the contractor and environmental conditions are met.

Startup and Commissioning

From beginning to end, our team will remain cognizant of the purpose of this facility – a complete, functional Recycled Water Distribution System for the community of Paso Robles. A complete and successful startup and commissioning process is one of the best ways to achieve the City's goals. From the instruments in the field to the data on the SCADA screens, the control system must function properly. The list of items to check is extensive and includes:

- Chemical feed rate control
- Remote valve actuation
- Mixer operation
- Pump operation
- Network and communication functionality
- Alarm notifications
- Backup functionality and failover systems

Startup and commissioning will involve owner training, calibration of equipment and instruments, FAT testing, and failure testing to demonstrate correct operation of the system under abnormal conditions, including equipment or power failure. Startup and Commissioning requires a larger amount of coordination between City Staff, the EOR, general contractor, electrical contractor, integration contractor, and various equipment vendors. Cannon will facilitate this coordination, schedule and chair coordination meetings, witness testing if desired, and confirm the contractor complies with submittal and test requirements.

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Table – Challenges and Approaches

Component	Challenge	Approach
Schedule	Long-lead items	• Identify long-lead items early. Create a comprehensive submittal list prior to the pre-construction meeting and check on approximate lead times with suppliers. • Discuss long-lead items with the contractor at the pre-construction conference. Confirm time for submittal, review, procurement, and delivery of these items is incorporated into the Critical Path Method (CPM) schedule. Confirm submittals are complete and re-submittals are provided timely for critical long-lead items. • Have contractor regularly check in with supplier to confirm delivery date.
	PG&E Review and Approval	• Frequent coordination with PG&E to make aware of upcoming submittals, inspections, and work schedule to minimize time waiting for PG&E. • Frequent check-ins with PG&E during submittal reviews and inspections to facilitate a timely and smooth review and approval process. • Thorough review and inspection by the EOR and/or CM team to confirm work and submittals are correct and complete. This will minimize the need for PGE to re-review or re-inspect.
DI Pipeline	Materials meet distinct project corrosion requirements	• Verify pipe/fittings have specified Zinc-coating, double cement lining, and double PE encasement. • Provide thorough submittal review (in parallel with the EOR) and inspect materials upon arrival at the jobsite, check delivery documentation.
	Improper installation leading to leaking, reduced thrust capacity, or compromised corrosion protection	• Inspect materials for damage prior to and during installation. • Verify that the contractor follows the manufacturer's recommended procedure for restraining joints and checks pipe for out of roundness or outside of the manufacturer's diameter tolerances, clean joints, etc. • Hydrostatic pressure and leakage test piping. Verify make-up water used is less than the maximum allowed.

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	Conflicts with existing utilities cause delay or expensive changes	• Have contractor call USA prior to mobilizing. Record USA markings. • Require contractor to pothole crossings or adjacent underground utilities as first item of work. • Require contractor to submit pothole information and have design engineer review for conflicts with sufficient time to make needed changes prior to pipe installation.
Prestressed Concrete Reservoir	Protection of Drinking Water	• Confirm materials meet safe drinking water requirements (i.e. NSF 61 compliant). • Confirm interior properly cleaned and disinfected prior to filling.
	Watertightness	• Thorough inspection of waterstops at joints and pipe penetrations prior to concrete placement. • Special inspection of concrete mix, concrete consolidation, and verification of allowable water that can be added on site. • Thorough inspection for cracks prior to final cleaning and disinfection. Confirm proper repair of cracks and form tie holes have been made. • Visual and quantitative leakage testing prior to acceptance or backfilling of footing. Coordination with engineer to repair any discovered leaks.
Auger Bore Installation in Caltrans Right-of-Way	Caltrans Coordination	• Early coordination with Caltrans Permit Inspector. • Discuss permit conditions and project requirements (i.e. settlement monitoring, contact grouting) with contractor at pre-construction conference. • Confirm required submittals and work plans are submitted and completed well in advance of the work. • Schedule special meeting(s) with EOR, prime contractor, Caltrans, and involved subcontractors for coordination prior to auger bore work
	Unqualified contractor or contractor not prepared	• Verify subcontractor meets qualification and experience requirements. • Require the contractor to submit detailed work plans, shop drawings, auger bore schedule, and contingency plans. Have contractor revise and resubmit until acceptable.

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Sensitive Environment and State Permit Conditions	Protection of sensitive habitat, compliance with permit conditions	• Review permit conditions and discuss during pre-construction meeting. • Coordinate with environmental monitors prior to construction. • Confirm biologist is on-site when required.
Startup and Commissioning	Fully functional and operational system	• Prepare checklist of required submittals, work plans, operator training, and testing required as part of startup and commissioning to confirm no steps are missed. Verify manufacturer representatives provide the required training, witness required testing, and certify equipment as required by the specifications. • Schedule and facilitate startup and commissioning meetings with involved parties. • Witness factory and/or field testing when desired. • Notify contractor of non-compliance, if any.

SCOPE OF WORK

Our work program for pre-construction, construction, and post-construction activities is detailed as follows.

Phase 1.0 – Pre-Bid Phase Services

Task 1.1 – Bidding Assistance

We will attend a pre-bid meeting and the bid opening. Our construction manager will assist the City and design engineer in responding to bidder questions and evaluating and reviewing bid proposals, subcontractors, suppliers, and requests for substitute materials and equipment. We will examine, organize, and inventory the escrow bid documents submitted by the two lowest bidders.

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Phase 2.0 – Pre-Construction Phase Services

Task 2.1 – Contract Document Review, Pre-Construction Site Photos, and Video

Following the bid and contract award, our construction management team will continue with our review of plans, specifications, related reports, and documents pertinent to administering the construction of the project. As part of our continued review, we will document existing site conditions in detail, including site photos and video.

Task 2.2 – Preconstruction Documents, Document Control Procedures, Coordination with City Staff

We will establish a working relationship with City staff to implement procedures for the efficient processing and management of the project documents. Preliminary work items will be identified and coordinated at this time, including discussions regarding long lead time items or submittals, WWTP operational requirements, required permits, and other documents or discussions pertinent for the contractor's successful implementation of the contract work.

Upon award of the contract, we will review the contractor's surety bonds, certificates of insurance, preliminary schedules and other documents required prior to construction for general compliance with the contract documents. We will provide the City with recommendations based on the findings of the preconstruction documents review.

We will set up the electronic document system (Procore) for the project, provide inspector(s) and field staff with the necessary hard copies of plans and documents, and we will document existing site conditions in detail, including site photos and video.

Task 2.3 – Preconstruction Conference

We will conduct a pre-construction conference and site tour with the City, involved agencies and utilities, and the contractor's team as they prepare to mobilize for the project. The construction manager and support staff will review plans and specifications with the contractor to facilitate understanding of the project. Prior to the conference, we will contact and invite various stakeholders, including utility representatives; prepare an agenda with input from the City and the City's environmental monitoring consultant; and prepare a detailed list of required submittals.

Additionally, we will conduct the following:

- Review the contractor's construction schedule for the project, including equipment, labor, and supervision planning.
- Discuss critical submittals and long-lead materials.

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- Review appropriate protocols and procedures detailed in the construction documentation.
- Apprise the contractor of contract requirements regarding traffic control, coordination with WWTP operations, work plans, use of the electronic document system (Procore), and environmental requirements.
- Prepare the meeting minutes for the pre-construction meeting.
- Provide training to the City, contractor, engineer of record, and others on using the electronic document system (Procore).

Task 2.4 – Community Outreach Assistance

As directed by the City, we will assist in notifying and updating the nearby residences and businesses of upcoming construction activities and schedule, including creating outreach flyers and materials if needed. Specifically, for the residences of Wisteria Road, Clubhouse Drive, and the Vina Robles Vineyard, we will facilitate meetings with the contractor, residents, and businesses. We will review and coordinate the contractor's work plan that may impact private property. We will document pre-construction conditions of the resident's property to verify the contractor protects and repairs private improvements to the existing conditions.

Task 2.5 – Preliminary Utility and Caltrans Coordination

We will provide preliminary utility research and coordination early in the project construction process. Once the contractor calls for the Underground Service Alert (USA), we will review marked utility locations in the field and compare them against the locations shown on the plans. This will allow us to identify if conflicts exist or if additional utility coordination or investigations are necessary. We will confirm the contractor performs potholing as a first item of work per the project requirements and coordinate any additional potholing we believe may be warranted. We will confirm the contractor also begins early coordination with utility providers to confirm timely service connections and/or relocations, as necessary. Successful utility coordination begins early in the project and continues through the duration of the contract.

Early and frequent coordination with PG&E and Caltrans will also be necessary in this project due to the several new PG&E service applications and Caltrans encroachment permit. Cannon will complete the following:

- Regularly communicate with both PG&E and Caltrans.
- Keeping them informed of the construction schedule.
- Review feedback that can streamline upcoming construction.
- Push agencies to review/return submittals in a timely manner.
- Verify that conditions are met prior to construction.

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Phase 3.0 – Construction Services

Task 3.1 – Scheduling

We will review the contractor's schedule to confirm the project is being implemented in general accordance with the requirements of the contract documents. We will monitor the contractor's compliance with the agreed-upon scheduling requirements.

Our major tasks associated with the overall schedule requirements will be as follows:

- Review the contractor's schedule to determine that it is properly prepared, milestones dates meet the overall schedule, and that no major conflicts exist. We will confirm that long-lead items (including submittal preparation, submittal review, product fabrication, and delivery) are accounted for. We will regularly follow up on the status of long-lead items to confirm they are on- schedule.
- Review progress attained against the approved schedule to adequately record work-in-place, detect potential delays, and review the contractor's plan for implementation of remedial measures, when appropriate, to recover or maintain progress.
- Negotiate schedule adjustments with the contractor that may be required due to weather, change orders, or other impacts.

Task 3.2 – Progress Meetings

We will conduct weekly progress meetings with the contractor and City representatives. The principal purpose of the project coordination meetings will as follows:

- Review progress, schedule, and quality of work.
- Review submittal and RFI logs.
- Notify the attendees of construction deficiencies, if applicable.
- Discuss labor, material, and equipment related to upcoming work.
- Address team coordination matters, such as coordination with WWTP operations, Caltrans or PGE coordination, or coordination with residents and/or businesses.
- Review maintenance of "as-built" drawings throughout construction.

We will chair these meetings, conduct each meeting according to a published agenda, and have meeting minutes prepared and promptly distributed. Meeting minutes will detail action items, discussions, and announce the time and date of the next meeting. We have assumed four meetings a month for 20 months and two meetings a month for 14 months for a total of 108 progress meetings.

Task 3.3 – Special Meetings

We will attend and conduct up to seven meetings with the project team and contractor to address special issues, such as pre-submittals, mobilization of major sub-contractors, auger bore work plan review and Caltrans encroachment, tie-in plan, coordination with

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residents and utility providers, change order negotiations, and substantial completion. Meetings regarding startup and commissioning are included in a separate task.

Task 3.4 – Project File Database and Record Keeping

We will provide a web-based, centralized document system using Procore. The development and implementation of this system will include the following:

- Design of the centralized document system to support project file database.
- Procurement of the software and licenses for the system. We will administer the project database by establishing access and read/write permissions to the City, contractor, and design engineer.
- Documents tracked in the system, including the following:
    - Project drawings
    - Project specifications
    - Drawings and specification addendums
    - Correspondence
    - Submittals and shop drawings
    - Requests for information (RFI)
    - Change orders and change order requests
    - Meeting agendas and meeting summaries
    - Daily reports
    - Daily photos
    - Inspection reports
    - Testing reports
    - Project schedules
    - Progress payments
    - Permits
    - Warranties

The centralized document system will be web-based, and the City will require the contractor to use the system for management and transfer of the project related documentation and correspondence. As previously mentioned, we will provide a training session for parties who will need to use Procore for the project.

In addition to the electronic file database, we will maintain a hard copy of the construction drawings, specifications, and contract at our local office and on-site with the field inspector. We will markup our drawings with field changes, as-built conditions, and review the as-built drawings prepared by the contractor on a regular basis. We will provide the City a final, as-built set, incorporating both Cannon's and the contractor's as-built markups for the purpose of having the EOR prepare a record drawing set.

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Task 3.5 – Submittal Management

We will receive between 100-200 sets of specified submittals and operations and maintenance manuals from the contractor. We will transmit these to the design engineer for review, maintain a log, and manage shop drawings and sample/submittal review process to confirm the following:

- Short-term look-ahead schedules contain critical submittal dates, and the logs reflect the same.
- Submittals are reviewed in accordance with the contract documents and returned to the contractor.
- Logs are updated on a regular basis.
- Shop drawings have been reviewed and returned before associated work has begun.
- Copy of submittals is maintained in the file.

After the review, we will return the submittal to the contractor and forward a copy to the City. While most submittals will be transmitted to the design engineer for an official response, we will also review submittals and provide feedback to the City and/or design engineer, as applicable, prior to returning to the contractor. We can review and provide an official response to submittals the design engineer would not review, such as the stormwater pollution prevention plan (SWPPP), traffic control plans, and safety program.

Task 3.6 – On-site Construction Management

We will have a dedicated Construction Manager in charge of construction management, inspections, and material testing. The Construction Manager will work out of a field office provided by the contractor and will provide daily oversite of the construction work and Cannon's team. In addition to the tasks shown above, the Construction Manager will respond, review, and coordinate issues in the field, and assist inspectors in reviewing the construction work when needed. Our team will also consist of one to two (depending on construction schedule) construction inspectors (see task 3.7 below) and an office engineer to facilitate the flow of information between team members. Refer to our organizational chart in Appendix A for additional detailed staffing information.

Task 3.7 – Construction Observation

We will implement observation guidelines for monitoring the quality of the contractor's work. We will conduct field observation and prepare documentation (daily reports) of construction tasks, including inspection of delivered materials, pipe installation, trenching and backfill, construction staging, utility coordination, traffic control/access, SWPPP requirements, electrical and mechanical equipment, concrete, testing, erosion control, and instrumentation.

Upon witnessing (and discussing with City) materials, installation process, or levels of quality

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that do not meet construction contract document requirements, Cannon will issue a non-conformance report notifying the contractor and inquire about the contractor's proposed corrective action. Copies will be forwarded to the City.

The contractor has sole responsibility for compliance with safety requirements under the construction contract. Cannon's staff will monitor the contractor's general compliance with its safety program and advise the City of observed deficiencies.

We will obtain and manage delivery slips for checking payment requests, maintain a photographic log of construction activities, and provide the City copies of significant photographs. Though the construction contract is for two years and nine months (990 calendar days), we expect that a large portion of the contract time will be submittal preparation, submittal review, work planning and PGE coordination, and material procurement. We have assumed full-time on-site observation during a 19-month construction phase, with a second part-time inspector on-site for six and a half of those 19 months. Due to our staff being based locally in Paso Robles and San Luis Obispo, we can adjust the staffing level according to the project's demands. We understand that the need for construction observation may be intermittent for portions of the construction contract.

Task 3.8 – Construction Surveys and Grade Verification

We will observe and review the contractor's surveys and staking, and coordinate with the contractor and the contractor's licensed surveyor to quantify and compute quantities of work provided. We are also able to have one of our own in-house surveyors periodically verify the line and grade of the installed pipelines and facilities, when deemed necessary. We have included approximately six field trips in the budget for this task.

Task 3.9 – Stormwater Pollution Prevention Plan

We will review the SWPPP submitted by the contractor and will monitor and document the contractor's general conformance, including verification that site inspections, rain event action plans, and sampling (if required) is provided and submitted per the SWPPP. We assume filing of the SWPPP with the State Water Resources Control Board SMARTS System will be completed by the City. We will confirm the site is properly stabilized and a Notice of Termination (NOT) is submitted through SMARTS prior to the completion of the project.

Task 3.10 – Coordination with Environmental Monitoring Services

The City's selected environmental monitoring consultant will be a great resource to confirm the environmental conditions of the project are met. We will coordinate directly with the monitoring consultant to confirm environmental requirements are discussed with the contractor at the pre-construction conference. We will also coordinate nesting bird and other pre-construction surveys, placement of ESA exclusion fencing, and monitoring during construction.

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Task 3.11 – Request for Information (RFI)

We will maintain a log of contractor's requests for information (RFI), and will review, coordinate, and respond to RFI's. When appropriate, we will provide recommendations, suggestions, and alternatives to the contractor and/or the City.

Task 3.12 – Change Orders

We will investigate proposed change order submittals, including supporting records, by the contractor or requested by the City. Our investigation will include the impacts on the project schedule and budget and a recommendation for approval or disapproval.

As part of this task, we will complete the following:

- Assemble documentation to include inspection reports, test reports, drawings, sketches, photographs, and other materials, as required.
- Coordinate with the engineer for up to four design clarifications.
- Prepare change order estimates consisting of a cost estimate conforming to the City's procedures and forms; assess the impacts of the proposed change on the contractor's schedule and operations; and prepare a written report summarizing the impact of the proposed change in terms of extra cost, cost savings, schedule, and effect on contractor's obligations.
- Evaluate the contractor's price proposals for reasonableness and accuracy of construction quantities, rates and unit prices, and time and schedule impacts.
- Maintain a change order log to track change order proposals through the review and approval process.

Task 3.13 – Progress Pay Estimates

We will review the following for general compliance with contract documents:

- Contractor's monthly progress payment requests.
- Construction contract records.
- Reports specified to be submitted.

We will maintain an estimate of overall construction cost based on contractor's bid and earned value of work completed and compile recommendations for contractor payment and forward to the City.

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Phase 4.0 – Specialty Services

Task 4.1 – Materials Testing and Special Inspection

As a subconsultant to Cannon, Earth Systems Pacific will provide materials testing and special inspections during construction. The materials testing and special inspections will be conducted in accordance with City-approved frequencies and procedures per the construction contract plans and specifications. Testing will be provided in accordance with the applicable materials testing manuals. We will review the results of materials testing and special inspections, and we will then make recommendations for acceptance of work in general compliance with the contract documents or remedial actions required to correct unacceptable portions of the contractor's work. For a detailed scope of materials testing work see Appendix B. Services may include:

- Soils and aggregates testing.
- Concrete special inspection and material testing.
- Engineering support and report preparation.

Task 4.2 – Labor Compliance and Project Funding Management

We will provide a labor compliance program to monitor the contractor and verify that special requirements of the funding source (California State Revolving Fund) are met.

Below is a summary of the labor compliance tasks we will provide. A more detailed scope of Labor Compliance Services can be found in Appendix C. Services may include:

- Pre-Job Conference: Conducting a pre-job conference with the contractor and subcontractors listed in the bid before commencement of the work. We will discuss labor compliance requirements, furnish copies of the suggested reporting forms, and keep records of the conferences on file.
- Poster Verification: Verifying and documenting that state and federal equal employment opportunity (EEO) and wage rate posters are properly displayed at the jobsite.
- Monthly Audit of Contractor Certified Payroll: Reviewing certified payrolls submitted by the contractor and subcontractors to confirm compliance with the requirements of prevailing wage. Monitoring that apprenticeship requirements are being met.
- Monthly On-Site Interview: Conducting random, monthly, on-site contractor employee interviews as required by the labor compliance program.
- Violation Enforcement and Recommendations: Communicating potential violations to the City and providing recommended action.
- Annual Reporting to the Department of Industrial Relations (DIR): Compiling and submitting a summary report to the DIR. The report must be submitted annually during construction and at the conclusion of the project.
- EEO: Verifying annual EEO Reports are prepared properly by contractors and first-tier subcontractors.

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- Disadvantaged Business Enterprise (DBE) and Subcontractor Request Forms: Verifying the prime contractor has provided a sub-contractor request prior to subcontractors working on the project, subcontractors are listed on the bid or meet the rules for substituting sub-contractors, and the contractor meets the project DBE requirements and provides the required DBE documentation.
- American Iron and Steel Requirements (AIS): Confirming that steel and iron products meet the project AIS requirements, and that acceptable documentation is provided prior to incorporating the materials/products into the work. It is our understanding that Build America Buy America (BABA) requirements do not apply to this project.

Task 4.3 – Quarterly Progress Reports for State Revolving Fund (SRF) Grant Manager

We will provide up to 13 quarterly reports for the City to submit to the SRF with reimbursement requests. We have assumed the SRF grant manager will provide their preferred quarterly progress report template for use in preparing the quarterly reports. The component completion report is not included in this scope of work, and we have assumed the city will prepare any final completion reporting to the State Water Resources Control Board.

Task 4.4 – Certified Coating Inspection (Optional)

General inspection of coating and substrate preparation by Cannon's inspection staff is included in the previous tasks. If desired, however, we can subcontract with one of several local firms to have certified NACE inspectors on-site for the field coating of above-ground piping.

Task 4.5 – Start-up and Commissioning Coordination

We will serve as the start-up and commissioning liaison and coordinate with the contractor to develop and implement a start-up and commissioning plan. We will provide start-up and commissioning observation services to help the City determine if the overall system functions per the intent of the design. We will perform the following tasks:

- Coordinate Contractor's start-up and commissioning activities and compare to contract document requirements, the Operations Plan and Acceptance Plan, and advise the City of non-conformance issues.
- Coordinate with City Staff, contractor(s), systems integrator, and construction management team start-up specialists.
- Review the Contractor's Operational Testing Plan and Acceptance Plan and advise the City as to the status of the scheduled tasks.
- Coordinate up to six contractor and client meetings to review start-up status.

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Task 4.6 – Factory and Site Acceptance Testing Verification (Optional)

If desired, we will work with the contractor, the electrical subcontractor, and their integrator to observe Factory Acceptance Testing (FAT) of the electrical and controls equipment. This work typically involves on-site testing at the electrical gear and control panel manufacturer's facilities before the hardware is approved to be shipped to site. Visual inspection and live testing of the equipment is performed to determine if it is physically and functionally in compliance with the design. We will observe that required modifications, if any, are performed prior to shipping.

Additionally, we can work with the contractor to observe site acceptance testing of the installed equipment. This usually consists of the following observations:

- Calibration and/or configuration of field devices.
- Observation of the calibration equipment's recent (yearly) calibration certificates.
- Loop check observations.
- General installation and wiring techniques and practices.
- Installation in general conformance with the plans and specifications.
- Communication with the contractor(s) for any required modifications or validation prior to startup and testing.

Phase 5.0 – Post Construction Services

Task 5.1 – Final Inspection and Punch List

We will evaluate the substantially complete facilities to confirm general compliance and/or identify discrepancies and deficiencies in the work provided by the contractor. We will compile a punch list, transmit it to the contractor, and monitor completion of the punch list items. We will report to the City on the completion of the project, and make recommendations regarding project acceptance, retention of funds, and final payment to the contractor.

Task 5.2 – Project Close-out

We will coordinate project close-out negotiations with the City and contractor. We will provide recommendations to the City addressing payment, lien releases, and final change orders.

Task 5.3 – Final Report and Processing of Record Drawings

We will prepare and submit a final construction report that will be an organized record of the completed project. The final report will be provided electronically on a flash drive (or other media of the City's choice) and will include the following:

- Testing records.
- Daily inspection reports.

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- As-built/record drawings.
- Important correspondence.
- Submittals, RFI's, and change orders.
- SWPPP and related documents.
- Environmental documents and monitoring reports.
- Material tickets and certificates of compliance.
- Labor compliance documentation (if the Labor Compliance Program task is requested).

We will maintain a hard copy file of the construction drawings at our local office for the purpose of documenting field changes, as-built conditions, and approved changes. After receiving the contractor's mark-ups of changes and as-built conditions we will transmit the final as-builts to the design engineer for processing of record drawings. A hard copy and electronic copy of the as-built drawings will be provided.

Task 5.4 – Warranty Period Review

We will visit the project with the City and engineer prior to the end of the one-year warranty period to observe apparent defects, if applicable, and make recommendations for required replacements or corrections.

FEES

Please see the attached cost proposal. We have broken down the fees by task and by project duration to help show our assumptions and the effort we believe is needed to provide the level of service desired by the City. The attached cost proposals include fees for optional services. Fees are based on the rates per the enclosed fee schedule and do not include any permit fees. It is our understanding that this project qualifies for California Prevailing Wages.

T&M Not to Exceed: $1,998,505.00

Attachment 1

City of Paso Robles
Construction Management for the Recycled Water Distribution System
Cost Proposal by Month
Rev 1/12/2024

Cannon
1050 Southwood Drive
San Luis Obispo, CA 93401
805.544.7407

Role	Name	Rate	2024 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2025 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2026 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2027 Jan	Feb	Total Est Hours	Total Estimated Cost
Pre-Construction																																									
Principal/Sr. Const. Manager	Patrick Riddell, PE	$ 231.00			4	6	10																																		20	$ 4,620
Resident Engineer	Charlie Gray, PE	$ 205.00		16	24	36	40																																		116	$ 23,780
Office Engineer	Michael Petrovich, PE	$ 147.00			4	16	12																																		32	$ 4,704
Construction Inspector	Matt Natividad CPIII	$ 168.00					20																																		20	$ 3,360
Engineering Assistant	Marcia Bohac	$ 121.00			4	8	8																																		20	$ 2,420
Construction																																										
Principal/Sr. Const. Manager	Patrick Riddell, PE	$ 231.00					4	8	8	4	4	2	2	2	8	8	8	8	8	8	8	8	8	8	8	8	8	8	2	2	2	2	2	2	8	8	8	4	4		190	$ 43,890
Resident Engineer	Charlie Gray, PE	$ 205.00					34	84	84	84	63	53	42	42	126	126	126	126	126	126	126	126	126	126	95	95	84	84	32	32	32	32	32	32	126	126	126	42	63		2779	$ 569,695
Office Engineer	Michael Petrovich, PE	$ 147.00					20	42	42	32	21	21	16	8	32	32	32	32	32	32	32	32	32	32	32	32	32	32	8	8	8	8	8	8	32	32	32	8	32		834	$ 122,598
Construction Inspector	Matt Natividad CPIII	$ 168.00						80	88						168	168	168	168	168	168	168	168	168	168	168	168	168	168							168	168	168		168		3192	$ 536,256
Construction Inspector 2	Bud Nance / Robert Estrada	$ 168.00																126	126	126	126	126	126	60																		816	$ 137,088
Engineering Assistant	Marcia Bohac	$ 121.00					10	12	12	4	4	4	4	4	8	8	8	12	12	8	8	8	8	8	4	4	4	4							8	8	8		8		190	$ 22,990
Electrical Inspector	Matthew Cook	$ 189.00																																	40	80	40	40			200	$ 37,800
One Man Survey Crew	Bob Chanley, PLS	$ 273.00																	8	8	8	8	8																		40	$ 10,920
Post Construction																																									
Principal/Sr. Const. Manager	Patrick Riddell, PE	$ 231.00																																					12		12	$ 2,772
Resident Engineer	Charlie Gray, PE	$ 205.00																																					104		104	$ 21,320
Office Engineer	Michael Petrovich, PE	$ 147.00																																					56		56	$ 8,232
Construction Inspector	Matt Natividad CPIII	$ 168.00																																					64		64	$ 10,752
Engineering Assistant	Marcia Bohac	$ 121.00																																					48		48	$ 5,808
	Total Estimated Hours		*0*	*16*	*36*	*66*	*158*	*226*	*234*	*124*	*92*	*80*	*64*	*56*	*342*	*342*	*342*	*472*	*472*	*468*	*468*	*468*	*468*	*402*	*307*	*307*	*296*	*296*	*42*	*42*	*42*	*42*	*42*	*42*	*382*	*422*	*382*	*94*	*275*	*284*	*8733*	*$ 1,569,005*

Subconsultant Company	Specialty	Estimated Cost
Earth Systems Pacific	Materials Testing and Structural Special Inspections	$330,000
CCMI	Labor Compliance Program	$77,000
TBD	Coating Inspection (Optional)	$15,000
Reimbursables	Miscellaneous tools, equipment, Procore, office and field supplies	$7,500
	Subconsultant Estimated Cost	*$429,500*
		TOTAL	***$ 1,998,505***

Notes and Assumptions

1. Schedule is based on the Preliminary Construction Schedule prepared by Carollo on 10/17/23 and provided by the City along with 100% design plans and specifications. Based on this schedule we have made the following assumptions:
   a. A 33 month long construction contract.
   b. Active construction will be limited to 19 months. Construction will be occuring concurrently on multiple locations for a portion of the active construction, requiring a second inspector onsite 3/4 time for 6.5 months. Assumes an 8-hr workday for inspectors. OT will be charged at 1.5x the shown rate.
   c. Inspection will not be needed during the 14 remaining months of the construction contract. We have included Construction Manager and Office Engineer time for these 14 months to coordinate submittal and RFI reviews, chair progress meetings, coordinate with contractor/Caltrans/PGE/etc., and verify all parties are planning and prepared to meet project schedule.
2. Rates shown include a 5% increase from our current rates to account for expected rate increases during the life of the project.
3. City will hire environmental monitors, biologist and archeologist directly.
4. A 10% markup is added to all subconsultant invoices.

** For detailed materials testing and special inspections scope of services, see Appendix B. Please note that the number of trench backfill hours and soil QC tests have been significantly reduced on this fee estimate from what is shown in Appendix B.
***For detailed scope of services provided by Contractor Compliance & Monitoring, Inc., see Appendix C.

Attachment 1

Cannon

City of Paso Robles
Construction Management for the Recycled Water Distribution System
Cost Proposal by Task
Rev 1/12/2024

Cannon
1050 Southwood Drive
San Luis Obispo, CA 93401
805.544.7407

Task	Patrick Riddell, PE Principal Construction Engineer $231		Charlie Gray, PE Construction Manager/Resident Engineer $205		Matt Natividad/Robert Estrada Construction Inspector Prevailing Wage $168		Matthew Cook Electrical Inspector/Automation $189		Michael Petrovich, PE Office Engineer $147		Marcia Bohac Engineering Assistant II $121		Bob Chanley, PLS Land Surveyor - One Man Crew Prevailing Wage $273		Subconsultant Earth Systems Pacific	Subconsultant Contractor Complinace & Monitoring, Inc	Reimbursables	Estimated Cannon Hours	Estimated Cost
	Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost	Lump Sum	Lump Sum	Lump Sum		
Phase 1 - Pre-Bid Phase Services																			
1.1 Bidding Assistance	4	$924	24	$4,920					4	$588	4	$484						36	$6,916
Phase 2 - Pre-Construction Services																			
2.1 Contract Document Review, Pre-construction Site Photos & Video	4	$924	16	$3,280	16	$2,688												36	$6,892
2.2 Preconst Documents, Doc Control Procedures, Coord w/ City Staff	4	$924	20	$4,100					16	$2,352	8	$968					$1,000	48	$9,344
2.3 Preconstruction Conference	4	$924	20	$4,100	4	$672			4	$588	4	$484						36	$6,768
2.4 Community Outreach Assistance			16	$3,280					4	$588	4	$484						24	$4,352
2.5 Preliminary Utility & Caltrans Coordination	4	$924	20	$4,100					4	$588								28	$5,612
Phase 3 - Construction Services																			
3.1 Scheduling	94	$21,714	180	$36,900					45	$6,615	16	$1,936						335	$67,165
3.2 Progress Meetings	20	$4,620	325	$66,625					161	$23,667	16	$1,936						522	$96,848
3.3 Special Meetings	10	$2,310	35	$7,175					14	$2,058								59	$11,543
3.4 Project File Database and Record Keeping			84	$17,220					252	$37,044	36	$4,356					$5,000	372	$63,620
3.5 Submittal Management			220	$45,100					55	$8,085	20	$2,420						295	$55,605
3.6 Onsite Construction Management	26	$6,006	1280	$262,400														1306	$268,406
3.7 Construction Observation *					4008	$673,344	120	$22,680									$250	4128	$696,274
3.8 Construction Surveys and Watermain Alignment Verification			8	$1,640									40	$10,920				48	$12,560
3.9 Storm Water Pollution Prevention Plan			50	$10,250					32	$4,704	14	$1,694						96	$16,648
3.10 Coordination with Environmental Monitoring Services			48	$9,840														48	$9,840
3.11 Request for Information (RFI)	16	$3,696	150	$30,750														166	$34,446
3.12 Change Orders	16	$3,696	160	$32,800					80	$11,760	36	$4,356						292	$52,612
3.13 Progress Pay Estimates			60	$12,300					60	$8,820	20	$2,420						140	$23,540
Phase 4 - Specialty Services																			
4.1 Materials Testing and Special Inspection **															$330,000				$330,000
4.2 Labor Compliance ***			40	$8,200					40	$5,880						$77,000		80	$91,080
4.3 Quarterly Progress Reports for SRF Grant Manager			39	$7,995					39	$5,733	16	$1,936						94	$15,664
4.4 Coating Inspection (Optional)																	$15,000		$15,000
4.5 Start-up and Commissioning Coordination	8	$1,848	80	$16,400			40	$7,560	40	$5,880	8	$968					$250	176	$32,906
4.6 Factory and Site Acceptance Testing Verification (Optional)			20	$4,100			40	$7,560	16	$2,352	8	$968					$500	84	$15,480
Phase 5 - Post Construction Services																			
5.1 Final Inspection and Punch List	4	$924	32	$6,560	32	$5,376			8	$1,176								76	$14,036
5.2 Project Close-out	4	$924	32	$6,560					32	$4,704	32	$3,872					$250	100	$16,310
5.3 Final Report and Processing of Record Drawings	4	$924	32	$6,560	32	$5,376			16	$2,352	16	$1,936					$250	100	$17,398
5.4 Warranty Period Review			8	$1,640														8	$1,640
Total Estimated Hours	*222*	*$51,282*	*2999*	*$614,795*	*4092*	*$687,456*	*200*	*$37,800*	*922*	*$135,534*	*258*	*$31,218*	*40*	*$10,920*	*$330,000*	*$77,000*	*$22,500*	*8733*	*$1,998,505*
																		TOTAL	***$1,998,505***

Notes and Assumptions

1. Schedule is based on the Preliminary Construction Schedule prepared by Carollo on 10/17/23 and provided by the City along with 100% design plans and specifications. Based on this schedule we have made the following assumptions:
a. A 33 month long construction contract.
b. Active construction will be limited to 19 months. Construction will be occuring concurrently on multiple locations for a portion of the active construction, requiring a second inspector onsite 3/4 time for 6.5 months. Assumes an 8-hr workday for inspectors. OT will be charged at 1.5x the shown rate.
c. Inspection will not be needed during the 14 remaining months of the construction contract. We have included Construction Manager and Office Engineer time for these 14 months to coordinate submittal and RFI reviews, chair progress meetings, coordinate with contractor/Caltrans/PGE/etc., and verify all parties are actively planning the work and prepared to meet project schedule.
2. Rates shown include a 5% increase from our current rates to account for expected rate increases during the life of the project.
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***For detailed scope of services provided by Contractor Compliance & Monitoring, Inc., see Appendix C.

Cannon

2023/2024 Fee Schedule
Bill Rate Ranges
Subject to change

Assistant Resident Engineer	$ 150 - $ 197
Associate Engineer	$ 168 - $ 230
Associate Land Surveyor	$ 205 $ 223
Associate Landscape Architect	$ 169 - $ 204
Automation Specialist	$ 157 - $ 200
Automation Technician	$ 121 - $ 142
CAD Tech	$ 101 - $ 136
CAD Manager	$ 128 - $ 159
Construction Inspector I - III	$ 119 - $ 191
Design Engineer	$ 139 - $ 184
Director/ Department Manager	$ 200 - $ 297
Engineer Tech	$ 110 - $ 144
Engineering Assistant I - II	$ 113 - $ 139
Grant Funding Manager I - II	$ 151 - $ 204
I&E Services Coordinator	$ 108 - $ 138
Information Systems Admin/Manager	$ 128 - $ 159
Land Surveyor	$ 187 - $ 225
Landscape Architect	$ 125 - $ 156
Landscape Designer I - II	$ 103 - $ 142
Lead Automation Specialist	$ 167 - $ 209
Lead Automation Technician	$ 127 - $ 164
Lead Designer	$ 133 - $ 175
Office Engineer / Document Control I-III	$ 114 - $ 164
Plan Check Engineer I - II	$ 131 - $ 192
Planner I - III	$ 121 - $ 168
Planning Assistant	$ 98 - $ 138
Principal Automation Specialist	$ 176 - $ 219
Principal Designer	$ 127 - $ 189
Principal Engineer	$ 198 - $ 277

Other Direct Charges	
Black Line Plots	$2.00 per page
Outside Reproduction	Cost + 15%
Mylar Plots	$12.00 per sheet
Automation & Electrical Materials	Cost + 25% (+tax)
Subconsultant Fees	Cost + 10%
Technology Fee	$30/Day
Color Plots	$5.00 per page
Travel and Related Subsistence	Cost + 15%
Standard Mileage Rate	IRS Rate per mile
Airplane Mileage Rate	GSA Rate per mile

Project Designer	$ 122 - $ 169
Project Engineer	$ 151 - $ 199
Resident Engineer	$ 191 - $ 235
Sr. Associate Architect	$ 209 $ 249
Sr. Associate Engineer	$ 173 - $ 265
Sr. Automation Specialist	$ 172 - $ 213
Sr. Automation Technician	$ 142 - $ 180
Sr. CAD Tech	$ 113 - $ 145
Sr. Consultant / Principal-in-Charge	$ 266 - $ 333
Sr. Land Surveyor	$ 203 - $ 263
Sr. Landscape Architect	$ 183 - $ 221
Sr. Plan Check Engineer	$ 172 $ 217
Sr. Principal Designer	$ 139 - $ 212
Sr. Principal Engineer	$ 210 - $ 305
Sr. Project Designer	$ 122 - $ 182
Sr. Project Engineer	$ 157 - $ 215
Sr. Resident Engineer	$ 196 - $ 246
Survey Assistant	$ 113 - $ 142
Survey Technician I - V	$ 139 - $ 208
Technical Writer I - IV	$ 113 - $ 139

Survey Crew Rates - Regular	
One-Man Field	$ 207 $ 222
Two-Man Field	$ 289 $ 304
Three-Man Field	$ 380 $ 395
Two-Man - HDS	$ 332 $ 347

Survey Crew Rates - Prevailing Wage	
One-Man Field	$ 255 $ 271
Two-Man Field	$ 367 $ 389
Three-Man Field	$ 523 $ 539

Electrical - Prevailing Wage	
Electrician	$ 197 $ 240

Building and Construction Inspector - Prevailing Wage	
BCI Construction Inspector	$ 160 $ 190

Forensics Engineering / Expert Testimony Fee Schedule Available Upon Request.

Expenses, such as special equipment, shipping costs, travel other than by automobile, parking expenses, and permit fees will be billed at the actual cost plus 15%. If the client requests, or the client's schedule requires work to be done on an overtime basis, a multiplier of 1.5 will be applied to the stated rates for weekdays for daily hours in excess of 8 as well as weekends, and a multiplier of 2.0 for daily hours in excess of 12 and holidays. If the client requests field services to be provided outside of normal working hours, a multiplier of 1.5 will be applied to the stated rates. For prevailing wage projects, if the client requests field services to be provided on any given Sunday, a multiplier of 2.0 will be applied to the stated rates; on or around an observed holiday, other rates may be applied. Survey Crews and Automation Field staff are billed portal to portal. A minimum charge of four hours will be charged for any Automation Field Service calls outside of normal working hours. The stated rates are subject to change, typically on an annual basis.

(effective 10/1/2023)

Cannon

PREVAILING WAGE INFORMATION REQUEST

Thank you for this opportunity to be of service on your public works project. Please complete and return this form to allow us to comply with California's prevailing wage requirements. Thank you!

Legal Name of Cannon PWC Registration No.	Cannon Corporation 1000001861
Cannon Project Number	230649

PUBLIC WORKS PROJECT REGISTRATION INFORMATION:

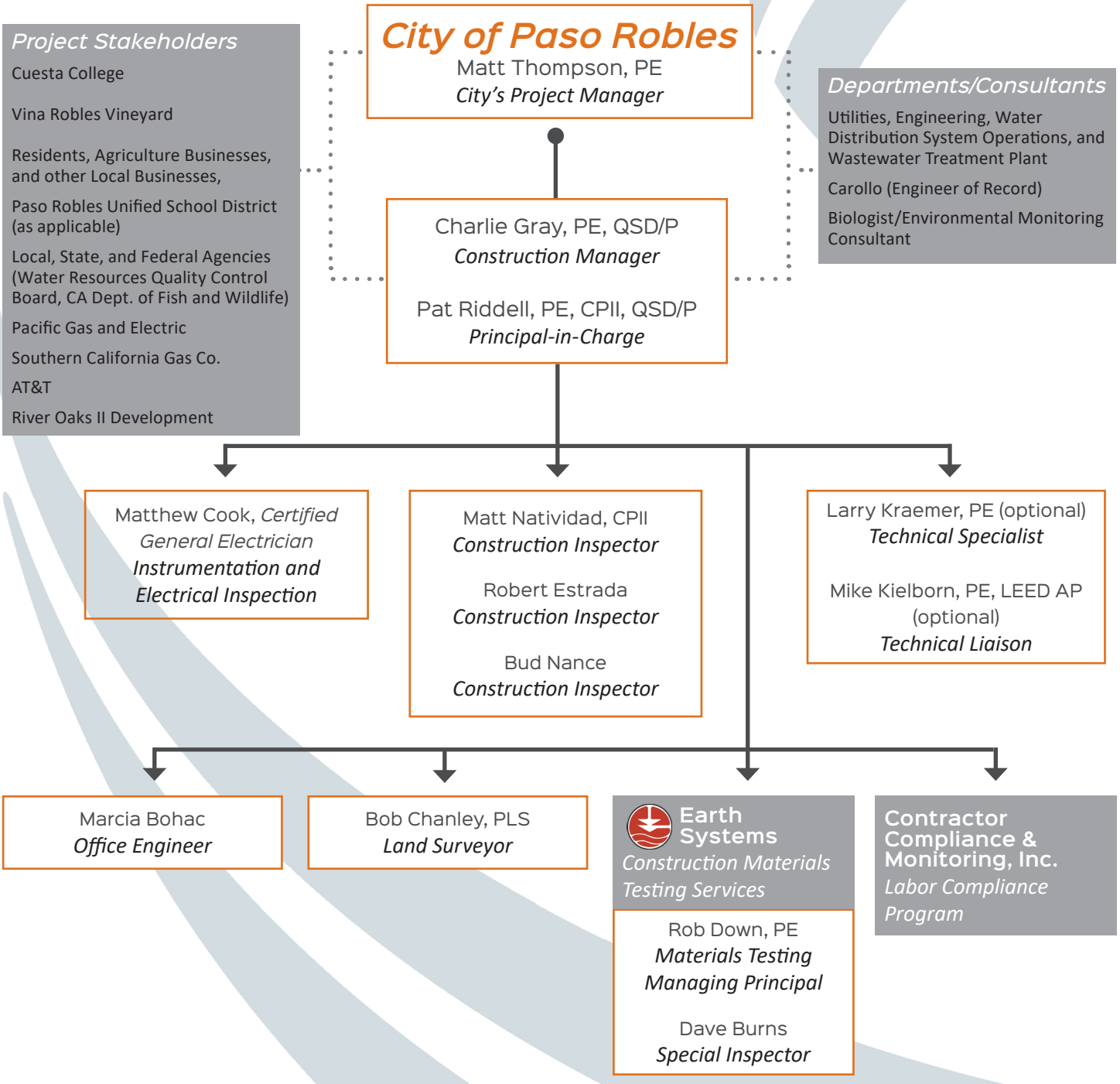
Client's Project Name	
DIR Project ID (PWC-100)	
Applicable Bid Advertisement Date	
Client's Representative for DIR Project ID Information	Name: E-mail: Phone No.:
Labor Compliance Program (LCP) Applicable to this Project?	Yes ☐ or No ☐ If yes, please confirm if Cannon will be subject to the LCP and provide a copy of the LCP manual to Cannon before the start of the project. Thank you.

Appendix A: Staffing

Organizational Chart

In addition to our key project team members shown in the organizational chart, Cannon is home to comprehensive construction management and engineering design staff who are ready to commence project work immediately. ***Resumes for the Project Team, including experience, education, and registration, are provided on the following pages.***

We understand that full-time personnel may not be required during certain periods of construction. Due to our staff being based locally in Paso Robles and San Luis Obispo, we are able to adjust the staffing level according to the project's demands.



Resumes

Charlie Gray, PE, QSD Construction Manager

Professional Registration / Certifications

- Registered Civil Engineer, California, No. 81321
- Qualified SWPPP Developer (QSD) No. C81321
- OSHA Confined Space Entry
- OSHA Fall Prevention
- First Aid/CPR Certified

Education

- Bachelor of Science, Civil Engineering, California Polytechnic State University, San Luis Obispo, California
- Caltrans Resident Engineer Academy
- Asphalt 101 for Civil and Geotechnical Engineers – Asphalt Pavement Alliance

Professional Affiliations

- American Society of Civil Engineers

Cannon PROCORE Administrator

Mr. Gray has 15 years of experience in the engineering industry. As Construction Manager, Mr. Gray manages various construction project for public agencies, coordinates or self-performs inspection, finds solutions to problems that arise during construction, reviews RFI's and submittals, and coordinates with the design team and agency staff. Previously, Mr. Gray has worked for a heavy civil general engineering contractor, and spent several years designing public facilities, which gives him a unique perspective as a Construction Manager and Resident Engineer.

Salinas River Segment of the Paso Robles Recycled Water Distribution System, Paso Robles, California: Cannon provided full-time on-site construction management, materials testing, and inspection services for the Salinas River Segment of the Paso Robles Recycled Water Distribution System. The project involved an approximate 700-foot-long, 70-foot deep, and 26-inch-diameter horizontal directional drill under the Salinas River. As Construction Manager, Mr. Gray coordinated extensively with multiple stakeholders during construction. He helped resolve project challenges with the contractor while keeping the project on schedule and within budget.

Construction Management Services for Main West Tank, Paso Robles, California: The City of Paso Robles improved its water system by replacing the existing 21st Street Reservoir with a 4 MG partially buried pre-stressed concrete tank. The City selected Cannon to provide construction management services and assist in the implementation of the project. Mr. Gray served as Construction Manager for this award-winning project.

Project Experience Summary

Mr. Gray has served as Construction Manager, Project Manager, Resident Engineer, or Construction Inspector on the following projects:

- Santa Margarita Ranch (SMR) Mutual Water District Nacimiento Pipeline Turnout, Santa Margarita, California
- Calleguas-Las Virgenes Municipal Water District Interconnection Project West Lake Village, California
- Pinewood Reservoir and Booster Pump Station, Tanglewood, California
- Goleta Water District (GWD) 42-inch Transmission Main Relocation Project, Goleta, California
- GWD Corona Reservoir Pump Station, Electrical Upgrades, and Aeration System, Goleta, California

1050 Southwood Drive, San Luis Obispo, CA 93401
T 805.544.7407 F 805.544.3863
CannonCorp.us

Pat Riddell, PE, CPII, QSD/P Principal Construction Engineer

Professional Registration / Certifications

- Registered Civil Engineer, California, No. 72034
- Certified Public Infrastructure Inspector (CPII), American Public Works Association
- Qualified SWPPP Developer/ Practitioner
- Excavation Safety Training for Competent Persons (CPT), United Academy, ID: 1544359
- Caltrans Flagger Certification
- Lane Closure System - Caltrans
- First Aid/CPR Certified

Education

- Bachelor of Science, Environmental Engineering, California Polytechnic State University, San Luis Obispo, California
- Caltrans Resident Engineer Academy

Professional Affiliations

- American Public Works Association

Cannon PROCORE Administrator

Mr. Riddell represents clients on-site, coordinates meetings and construction activities with project stakeholders, and helps confirm safe working conditions. His responsibilities include record keeping, reviewing contract documents, managing submittals and RFI logs, managing change orders, developing punch lists, and reviewing and approving progress pay estimates. He also inspects construction work to confirm compliance with design documents and regulatory agency requirements such as Caltrans standards.

Calleguas-Las Virgenes Municipal Water District Interconnection Project, West Lake Village, California: Las Virgenes Municipal Water District (LVMWD) partnered with Calleguas Municipal Water District (CMWD) to construct an interconnection intended to improve water delivery and related storage reliability. Cannon provided design, construction management, inspection, and administration services for installing 5,000 feet of 30-inch steel pipeline. Mr. Riddell served as Principal-in-Charge.

Phase 2B Recycled Water Tanks and Recycled Water Distribution Pipelines Santa Clarita, California: This project involved constructing recycled water distribution pipelines and two 500,000-gallon recycled water tanks. SCV Water selected Cannon to provide construction management, inspection, and materials testing services for the proposed tanks near the existing Cherry Willow tanks. The project also involved installing approximately 1,250 feet of 12-inch ductile iron pipe in the access road to the proposed tank site. Mr. Riddell served as Project Manager.

Project Experience Summary

Mr. Riddell has served as Project Engineer, Manager, QA/QC Engineer, or Construction Manager/Resident Engineer on the following projects:

- Salinas River Segment of the Paso Robles Recycled Water Distribution System, Paso Robles, California
- SMR Mutual Water District Nacimiento Pipeline Turnout, Santa Margarita, California
- Main West Tank and Ductile Iron Pipeline Installation Paso Robles, California
- Airport Area Infrastructure Improvements, Paso Robles, California
- Pinewood Reservoir and Booster Pump Station, Tanglewood, California
- Groves Booster Pump Station, Orcutt, California
- Camrosa Water Reclamation Facility Effluent Pond Rehabilitation, Camrosa, California
- Hwy. 46 Water Pipeline Relocation and HDD, Lost Hills, California

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Matt Natividad, CPII, QSD/P Construction Inspector

Professional Registration / Certifications

- CPII, American Public Works Association
- Qualified SWPPP Developer/ Practitioner
- OSHA-Confined Space Entry Certified
- Certified Special Inspector – International Code Council
- Certified Concrete Testing Inspector
- Caltrans Lane Closure System
- Caltrans Certified Flagger
- Earthwork Inspector
- First Aid/CPR Certified

Education

- Bachelor of Science, Civil Engineering, Western Mindanao State University, Philippines

Experienced PROCORE® Software User

Mr. Natividad has provided construction inspection services on projects ranging from small encroachment permit inspections to complex water system improvements. His responsibilities typically include inspecting construction work, completing daily reports, witnessing test procedures, and keeping track of labor and materials.

Salinas River Segment of the Paso Robles Recycled Water Distribution System, Paso Robles, California: Cannon provided full-time on-site construction management, materials testing, and inspection services for the Salinas River Segment of the Paso Robles Recycled Water Distribution System. The project involved an approximate 700-foot-long, 70-foot deep, and 26-inch-diameter horizontal directional drill under the Salinas River. Mr. Natividad served as Construction Inspector.

Hwy. 46 Water Pipeline Relocation and Horizontal Directional Drilling, Lost Hill Utility District (LHUD), Lost Hills, California: Cannon provided construction management, inspection, and materials testing services for the project including submittal and RFI reviews, contract change orders, and overall coordination between stakeholders including LHUD, Caltrans, and others. Cannon established close working relationships with regulatory agencies to address stakeholder concerns and keep the project on schedule. Cannon also provided coordination between the permitting agencies throughout construction. Mr. Natividad served as Construction Inspector.

Airport Area Infrastructure Improvements, Paso Robles, California: The City of Paso Robles witnessed significant development near the Municipal Airport area. To support this growth, the City identified replacement of existing sewer mains, lift station, and various linear infrastructure improvements. The City hired Cannon to provide construction management and implementation of the project. Cannon's scope included construction management, construction observation, and materials engineering, sampling, and testing. Mr. Natividad served as Construction Inspector.

Project Experience Summary

Mr. Natividad has served as Construction Inspector on the following projects:

- River Oaks II Segment of the Water Distribution System, Paso Robles, California
- SMR Mutual Water District Nacimiento Pipeline Turnout, Santa Margarita, California
- Main West Tank and Ductile Iron Pipeline Installation Paso Robles, California
- Pinewood Reservoir and Booster Pump Station, Tanglewood, California

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Robert Estrada Construction Inspector

Professional Registration / Certifications

- OSHA Confined Space Entry, No. 214550
- Flagger Training, California
- First Aid/CPR Certified

Software Skills

- Procore
- E Builder
- Cityworks

Experienced PROCORE Software User

Mr. Estrada brings more than 14 years of experience in the construction industry. He has worked as full-time inspector since 2019 with three municipalities. With a background in Public Works Transportation, he has a strong focus and commitment to site safety. Mr. Estrada served as Senior Public Works Inspector for the City of Portland, Public Works Construction Inspector for the City of Sunnyvale, and Public Works Engineering Inspector and Street Maintenance Operator for the City of San Luis Obispo.

From daily inspection and regular construction meetings, he is well-versed in the ins and outs of confirming work on public infrastructure projects is completed according to plans and specifications. His staff supervisory and communication skills are best demonstrated by his ability to plan and coordinate work and resolve issues as needed.

Lost Hills Utility District Townsite Pipeline Relocation Project, Lost Hills, California: The California Department of Transportation (Caltrans) was widening Highway 46 from an undivided two-lane highway to a four-lane divided highway. A stretch of the highway ran through the agricultural town of Lost Hills, and the LHUD needed to relocate approximately 23,000 linear feet of 12-inch C900 PVC waterline out of the proposed highway improvements. In addition, numerous laterals and LHUD water mains that crossed the new highway lanes had to be lowered prior to construction, including seven directional drilling locations. Cannon provided construction management, inspection, and materials testing as well as engineering, design, and Caltrans coordination for this project.

Highway 1 Water Main Replacement Project, Oceano, California: Oceano Community Services District was awarded a grant through the proposition 1 round 1 Integrated Regional Water Management implementation to upgrade and replace various components of its water distribution system. Cannon provided construction management and inspection services, including work within Caltrans ROW for both roadway and utility improvements. Mr. Estrada provided lead inspection for installation of the new 8-inch watermain.

Project Experience Summary

Mr. Estrada has served as Construction Inspector on the following projects:

- Lost Hills Utility District New Water Wall Coordination and Construction Management, Lost Hills, California
- Wright Way Construction Inspection, Paso Robles, California
- Annual Pavement Striping and Markers Refreshment, Paso Robles, California

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Bud Nance Construction Inspector

Professional Registration / Certifications

- California Polytechnic State University - Irrigation Training Research Center
- HAZWOPER
- Environmental Safety
- Confined Space Entry / Rescue
- Trench Shoring Competent Person

Software Skills

- SCADA
- Electrical Troubleshooting
- Microsoft Products
- GIS
- Crystal Reports

Experienced PROCORE Software User

Mr. Nance brings over 30 years of experience in public works, water resources, and waterworks. Prior to joining Cannon, Mr. Nance was the Wastewater Collection System Supervisor for the City of San Luis Obispo. He has served as Project Lead and/or Wastewater Collection Supervisor for complex construction projects dealing with wastewater collection facility and storm water system operations. His responsibilities have included project management and ensuring wastewater collections services were maintained during construction, maintenance, and emergency repair activities.

Nipomo Community Service District (NCSD) Southland Wastewater Treatment Facility Wet Well Rehabilitation Project, Nipomo, California: Due to degradation and failure of the coating system, NCSD needed to rehabilitate its influent wet well and upgrade other existing piping and appurtenances. Cannon provided construction management and inspection services. The project included development of a wastewater bypass plan to allow assessment and rehabilitation work within the influent wet well. It also included the installation of a Titus Twister and its associated appurtenances. This not only helps reduce corrosion of the influent wet well but also assists in odor control and provides significant benefits to the surrounding community. Mr. Nance served as Construction Inspector.

Perfumo Canyon Sewer Lift Station Pump/Wet Well Force Main Installation New Development Project, San Luis Obispo, California: Mr. Nance worked with the City's engineering staff to develop new sewer lift station details and criteria to optimize maintenance and operational standards. This included pump selection, programmable logic controller (PLC) and SCADA details, wet well design, pump discharge and manifold design and force main connection standards to the public sewer main. During the construction phase of the project, he provided periodic inspections as requested by the city construction inspector. On completion of the project, he did the final acceptance testing of the lift station to ensure it met the city's construction standards and operational requirements that included city council development acceptance.

Tank Farm Lift Station Pump/Wet Well, Gravity Main, Force Main Replacement and Relocation, and Emergency Generator Installation, San Luis Obispo, California: Mr. Nance provided inspection and acceptance testing on this project. He worked with the City utilities department program manager and contracted engineering staff to develop new sewer lift station details and criteria to optimize maintenance and operational standards.

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Matthew Cook Instrumentation and Electrical Inspection

Professional Registration / Certifications

- General Electrician, California, No. 160069

Education

- Bakersfield College, Bakersfield, California
- Basic Electronics (AC and DC), Instrumentation/Process Control, Programmable Logic Controllers (Allen Bradley), Telecommunication, Electronic System, Installation AutoCAD, Mechanical Systems and Analog & Digital

Certifications

- Ignition Core Certified

Mr. Cook brings more than 14 years of experience in the electrical and automation field. He has worked as an automaton technician with advanced combustion and process controls, building and installing control panels, performing safety checks and calibrations, and troubleshooting instrumentation. Since 2008, Mr. Cook has developed extensive automation technician and electrical engineering experience within both the public and private sectors. He has served on complex engineering projects dealing with oil, gas plants, and other facilities. His main objective is to provide a safe work environment without sacrificing quality or accuracy.

General On-Call SCADA Support Services, Soledad, California: The City of Soledad owns and operates water and wastewater enterprise utilities and is the sole provider of these services to all Soledad residents and business. Standard Supervisory Control and Data Acquisition (SCADA) systems are associated with the operation of these utilities. Up to date, redundant SCADA servers and operating systems will soon be provided and supported by the City's Information Technology (IT) consultant; however, the SCADA software to be supported by this SCADA consultant needs configuration and training to on-board new SCADA software. The City retained Cannon to troubleshoot, supply, install and support SCADA systems throughout the City's water distribution system and water reclamation facility. Mr. Cook served as Senior Automation Specialist.

Cypress Ridge SCADA Design-Build - Golden State Water Company, California: GSWC selected Cannon to conduct a Design-Build project to establish a new SCADA system for the newly incorporated Cypress Ridge water system comprised of 9 well sites, 4 booster pump stations, and 6 reservoirs. Cannon conducted Radio Path and developed alternative telemetry design solutions. This upgrade required new instrumentation, new control panels with Modicon M340 PLCs, new Ethernet networks, redundant power supplies and power monitoring, and a completely new Wonderware System Platform 2017 SCADA system software. Cannon implemented the hardware and software standards developed from the SCADA Master Plan. Mr. Cook served as Lead Automation Specialist.

Project Experience Summary

Mr. Cook has served as Automation Specialist and/ or Instrumentation and Electrical Inspector on the following projects:

- Paso Robles Wastewater Collections SCADA Upgrade, Paso Robles, California
- SCADA Evaluation - Las Virgenes Municipal Water District, Calabasas, California
- SCADA Evaluation - Las Virgenes Municipal Water District, Calabasas, California

Larry P. Kraemer, PE Technical Specialist

Professional Registration / Certifications

- Registered Civil Engineer, California, No. 44813

Education

- Master of Science, Civil Engineering - Water Resources, California State University, Long Beach, California
- Bachelor of Science, Agricultural Engineering, California Polytechnic State University, San Luis Obispo, California
- Certified Master Modeler in Haestad Methods, WaterCad, StormCad, Pondpack software
- HEC-HMS CEU from American Society of Civil Engineers
- (ASCE) Certified Training Institute
- PSMJ Project Management Training

Professional Affiliations

- American Water Works Association
- WateReuse Association

Mr. Kraemer makes decisions and recommendations recognized as authoritative that have a far-reaching impact on Cannon's engineering design, construction, administrative, and related activities. He negotiates critical and controversial issues along with other Senior Principal engineers and officers of other companies or organizations. In addition, Mr. Kraemer exhibits a superior level of creativity, foresight, and judgment in planning, organizing, and guiding project teams and engineering programs. Recognized as an expert in one or more specialties, he applies his extensive knowledge to complex projects and assumes responsibility for the department of public infrastructure at Cannon.

Thunderbird Wells 16-inch Waterline, Paso Robles, California: Cannon provided analysis and design services for the 16-inch Thunderbird Waterline. The most significant challenge associated with this project involved designing the waterline to cross the Salinas River. Permits were required and obtained from the Army Corps of Engineers, U.S. Fish and Wildlife, California Department of Fish and Game, and the Regional Water Quality Control Board. Horizontal Directional Drilling was specified as the method of construction for the 800-foot crossing of the river. Mr. Kraemer served as Project Manager.

Eureka Well Replacement Project, Nipomo, California: Nipomo Community Services District's (District) Eureka well was taken out of service due well casing decay. The District decided to abandon the existing well casing and drill and equip a new Eureka well on the existing site. Cannon was selected to prepare engineering, design, and construction documents for the well equipping and site improvements. Mr. Kraemer served as Project Manager.

Project Experience Summary

Mr. Kraemer has served as Project Manager, Principal-in-Charge, or District Engineer on the following projects:

- Salinas River Segment of the Paso Robles Recycled Water Distribution System, Paso Robles, California
- Paso Robles Fiber Optic Network, Paso Robles, California
- Main West Tank and Ductile Iron Pipeline Installation Paso Robles, California
- Sherwood Acres Backyard Sewer Replacement, Paso Robles, California
- Design and Construction Management for 21st Street Green/Complete Street Improvements, Paso Robles, California
- Pacific Gas and Electric Waterline Connection to Regional Source, Avila Beach, California
- Nipomo Community Services District Blacklake Sewer Consolidation Project, Nipomo, California

Mike Kielborn, PE, LEED AP HDD Technical Specialist

Professional Registration / Certifications

- Registered Civil Engineer, California, No. 70112
- LEED Accredited Professional
- Certified Horizontal Directional Drilling (HDD) Inspector

Education

- Bachelor of Science, Civil Engineering, Loyola Marymount University, Los Angeles, California

Professional Affiliations

- Association of Water Agencies of Ventura County
- American Public Works Association
- American Water Works Association
- California Water Environment Association
- North American Society for Trenchless Technology

Experienced PROCORE® Software User

Mr. Kielborn specializes in water and wastewater management planning; water supply, storage, and distribution; and sewer system engineering. Since 1999, Mr. Kielborn has provided construction management/ inspection services, primarily working in underground utility construction and infrastructure design. Mr. Kielborn is a certified HDD Inspector and has developed excellent project management; cost estimation; and in-field engineering management, inspection, coordination, and scheduling abilities for multi-million-dollar projects.

21st Street Improvements and Stormwater Enhancement Project, Paso Robles, California: 21st Street was built on land that once served as a branch of the nearby Salinas River; this along with subsequent development of the urban areas over the course of several decades had resulted in frequent flooding, poor pavement, and inadequate facilities for bicycles and pedestrian traffic. To improve the situation, The City of Paso Robles resolved to develop the first green/complete street and stormwater enhancement project within the Central Coast. Cannon's scope of work included preliminary and final design; construction management; and railroad right-of-way coordination, as ***jack and bore trenchless methods were used to cross underneath the railroad***. Mr. Kielborn served as Project Engineer.

Leanna Drive Creek Crossing, Arroyo Grande, California: Cannon prepared environmental documents, obtained permits, prepared design and construction documents, and provided construction support for this project. The project replaced aging infrastructure and restored system reliability across the creek. Cannon's strategy included the removal of obstructions to allow the creek to regain its natural drainage course. Cannon designed the project to employ horizontal directional drilling to replace the pipeline. To reduce the chance of frac-out, we opted to use conductor casing following existing utility lines. Mr. Kielborn served as Project Manager.

Project Experience Summary

Mr. Kielborn served as Project Manager, Lead Project Engineer, or Inspector on the following projects:

- Salinas River Segment of the Paso Robles Recycled Water Distribution System, Paso Robles, California
- Calleguas-Las Virgenes Municipal Water District Interconnection Project West Lake Village, California
- Airport Area Infrastructure Improvements, Paso Robles, California
- Pinewood Reservoir and Booster Pump Station, Tanglewood, California
- Hwy. 46 Water Pipeline Relocation and HDD, Lost Hills, California

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Marcia Bohac Office Engineer

Education

- Bachelor of Science, Human Factors Engineering, Tufts University, Medford, Massachusetts

Ms. Bohac brings 25 years of experience in administrative positions for various industries. She is responsible for business services support, including contracts for both public and private entities and agencies. Ms. Bohac demonstrates effective teamwork, communication, and management. She prepares project reports and reviews and references drawings. She has experience analyzing and compiling pay applications and change orders as well as transferring RFIs and submittals to database platforms for client and team accessibility. She specializes in streamlining processes to bring more efficiency to the work.

Golden Hill Road and Union Road Roundabout, Paso Robles, California: To eliminate the need for extensive property acquisition, a one lane, dog bone-shaped roundabout was designed to accommodate the increased traffic demand, including accommodations for oversized nine-axle transports. Cannon provided construction management, inspection, construction staking, and materials testing. The scope of work included full depth reclamation, installing new waterlines, sewer, fiber conduits, streetlights, landscaping, curbs, gutters, sidewalks, and roadwork, and signage and striping. Ms. Bohac served as Office Engineer.

Project Experience Summary

Ms. Bohac has served as Office Engineer on the following projects:

- Salinas River Segment of the Paso Robles Recycled Water Distribution System, Paso Robles, California
- Phase 2B Recycled Water Tanks and Recycled Water Distribution Pipelines, Santa Clarita, California
- Monterey Park Pass Road Transmission Main Replacement, Monterey Park, California
- Well 29 Rehabilitation Improvements Project, Santa Ana, California
- County of San Luis Obispo, Huasna Townsite Road Bridge Rehabilitation, Oak Shores, California
- County of San Luis Obispo 2023 Storm Damage Repair Work, San Luis Obispo, California
- Ocean Boulevard Improvements, Pismo Beach, California
- Arterials 2023 Project, San Luis Obispo, California
- 2022 Paving Project, Pismo Beach, California
- CIP 2021, Huntington Park, California
- Budlong and Halldale Street Improvements, Gardena, California

Bob Chanley, PLS Land Surveyor

Professional Registration / Certifications

- Professional Land Surveyor, California, No. 9249
- 40-Hour HAZWOPER Certified
- First Aid/CPR Certified

Education

- Bachelor of Science, Agricultural Crop Science, California Polytechnic State University, San Luis Obispo, California

Professional Affiliations

- California Land Surveyors Association

As Land Surveyor, Mr. Chanley is responsible for field and office survey services as well as oversight and management of field crews. He takes measurements, interprets survey calculations, compiles evidence for boundary determinations, prepares legal land documents and descriptions, provides mapping and drafting services, and more. In addition, he plans and conducts work requiring independent judgment/evaluation and is skilled with the use of the latest survey technologies (such as manual and robotic total stations, digital levels, static, RTK, network GPS, and 3D laser scanners).

Blacklake Sewer System Consolidation, Nipomo Community Services District, Nipomo, California: The Blacklake Sewer System Consolidation Project consists of the design of a new 160 gpm sewer lift station, 22,000 LF of new 6-inch sewer force main, and the decommission, demolition, and site restoration of the existing Blacklake water reclamation facility. Mr. Chanley served as Project Surveyor.

Cypress Ridge Topographic Surveys and Legal Descriptions, San Luis Obispo, California: Cannon was selected by Golden State Water Company to provide topographic mapping of the existing facility site and perform deed research to verify that GSWC's waterlines were within in the existing easements. Cannon prepared deeds across properties and open land where no easements of record exist. Cannon also coordinated underground utility locators, surveyed the waterlines, and provided a summary of the locations. As Project Surveyor, Mr. Chanley prepared the topographic surveys and assisted the Project Manager with supervision of field crews, easement determination, and legal descriptions.

Project Experience Summary

Mr. Chanley has served as Project Surveyor/Party Chief or Project Manager on the following projects:

- Nacimiento Water Project Surveying and Mapping Services, San Luis Obispo County, California
- Monterey Street Water Main Replacement, San Luis Obispo, California
- GSWC Water System Pipeline Replacement Surveys (25 Total Projects), Various Locations, California
- Sherwood Acres Backyard Sewer Replacement, Paso Robles, California
- Water Main Replacements, Beverly Hills, California
- Surveying for Drainage Improvement Project, Oceano, California
- ADA Ramp Surveys, San Luis Obispo, California
- San Luis Ranch Site Survey Services, San Luis Obispo, California

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Robert Down, PE Materials Testing Managing Principal

Professional Registration / Certifications

- Registered Civil Engineer, California, No. 70206
- ICC Certified Soil Special Inspector
- Licensed Nuclear Gauge Operator
- Hazardous Waste Operations and Emergency Response, 40-and 8-hour refresher courses (OSHA 29 CFR 1910.120 and Title 8, CCR 5192)

Education

- Bachelor of Science, Civil Engineering, California Polytechnic State University, San Luis Obispo

Areas of Expertise

- Geotechnical engineering investigations
- Interpretation of lab/field data
- Liquefaction evaluation and mitigation
- Settlement analysis and Shoring
- Adverse soil geotechnical solution development
- Special inspection of construction material

Robert Down is the managing principal of Earth Systems' central coast division. As such, he is responsible for executive management of Earth Systems' San Luis Obispo, Santa Maria, and Paso Robles offices, ensuring that high standards of technical accuracy and quality are consistently met. A Registered Civil Engineer, Mr. Down has more than 27 years of experience in the geotechnical engineering and construction materials testing/inspection profession. He has conducted geotechnical engineering investigations for many sanitary sewer collection and treatment projects throughout San Luis Obispo and Santa Barbara counties, including treatment plants, sewer collection/distribution systems and sewage lift stations. He has been employed with the Earth Systems companies in San Luis Obispo since 1998.

Paso Robles Wastewater Treatment Plant Tertiary Treatment Facilities, Paso Robles, California: This project consisted of new tertiary treatment facilities to provide for recycled water being discharged to the Salinas River. The new facilities included media filtration and ultraviolet disinfection facilities, a flow diversion box, flow equalization tanks, a recycled water pump station, a recycled water storage pond, and an extension pipeline to provide irrigation along the Highway 101 corridor. Earth Systems provided geotechnical testing, special inspection of concrete and welding, and materials testing. Mr. Down served as Project Manager.

Project Experience Summary

- City of Paso Robles UPRR Sewer Crossing Replacement, Riverside Avenue, Paso Robles, California
- Paso Robles West Main Tank Project, Paso Robles, California
- Sherwood Acres Backyard Sewer Replacements, Paso Robles, California
- Airport Area Infrastructure Improvements, Paso Robles, California
- Prospect Avenue Sewer, City of Paso Robles, California
- City of San Luis Obispo Water Resource Recovery Facility Upgrades, San Luis Obispo, California
- South San Luis Obispo County Sanitation District Wastewater Treatment Plant Redundancy project, Oceano, California
- City of Morro Bay Water Reclamation Facility, Morro Bay, California
- Los Osos Water Recycling and Collection System, Los Osos, California
- Santa Maria Wastewater Treatment Plant Pond Berm Removal, Santa Maria, California
- Chumash Wastewater Treatment Plant MBR Upgrade, Santa Ynez, California
- Airport Area Infrastructure, City of Paso Robles, California

Earth Systems

David Burns Materials Special Inspector

Professional Registration / Certifications

- Engineer-in-Training, XE083391, 1991
- ACI Certified Concrete Field Testing Technician, Grade 1
- ICC Certified Special Inspector: Reinforced Concrete
- ICC Certified Special Inspector: Structural Masonry
- DSA Certified Inspector: Masonry
- NICET/ICC Certified Soil Special Inspector
- Caltrans-certified for Test Methods 504, 518, 533, 539, 540, 543, 556, 557
- Hazardous Waste Operations and Emergency Response, 40-hour and 8-hour refresher courses (OSHA 29 CFR 1910.120 and Title 8, CCR 5192)
- Certified Nuclear Gauge Operator

Education

- Bachelor of Science, Civil Engineering, California State University, San Luis Obispo, California

David Burns is the supervisor of Earth System's special inspection and materials testing department and a senior inspector with more than 30 years of experience in construction materials testing and inspection. He provides sampling, testing, and special inspection of each type of construction material, including soil, asphalt, concrete, masonry, grout, and deep foundation installation. Mr. Burns supervises a staff of special inspectors and materials technicians, providing quality control and quality assurance for field operations. He prepares special inspection reports and other documentation to verify conformance of work with the project plans and specifications.

San Luis Obispo Water Resource Recovery Facility, San Luis Obispo, California: Earth Systems is currently providing materials testing and special inspection services for this project under construction. Earth Systems' scope of work includes grading observation and testing, foundation excavation observation, rebar and concrete placement inspection, masonry inspection, shop fabrication and field welding inspection, and bolting inspection, as well as associated materials testing. Mr. Burns served as Special Inspector.

Los Osos Water Recycling Facility and Collection System, Los Osos, California: Earth Systems provided geotechnical testing, materials testing, and special inspection for this project covering 13 acres in Los Osos. The plant processes more than 2 million gallons of wastewater per day and produces about 700,000 gallons of reclaimed water per day. A gravity pipeline system was constructed to collect wastewater from individual properties within the Los Osos service area and convey it to the recycling facility. Earth Systems provided geotechnical testing of the trench backfill and building pads, special inspection of masonry, and materials sampling/testing of concrete. Mr. Burns served as Special Inspector.

Project Experience Summary

- Paso Robles Wastewater Treatment Plant Tertiary Treatment Facilities Project, Paso Robles, California
- Nacimiento Water Treatment Plant, Thunderbird Well Project, Paso Robles, California
- South San Luis Obispo County Sanitation District Wastewater Treatment Plant Redundancy project, Oceano, California
- San Luis Obispo Water Reclamation Facility SST Project, San Luis Obispo, California
- San Luis Obispo Water Reclamation Facility Biosolids Cover, San Luis Obispo, California

Earth Systems

Appendix B: Materials Testing Scope

EARTH SYSTEMS
4378 Santa Fe Road | San Luis Obispo, CA 93401 | (805) 544-3276 | www.earthsystems.com

August 18, 2023

Charlie Gray
Cannon
1050 Southwood Drive
San Luis Obispo, CA 93401

Note:
Budgeted inspector/technician hours and number of planned tests have been reduced per discussion with City staff

PROJECT: RECYCLED WATER DISTRIBUTION LINE
PASO ROBLES, CALIFORNIA

SUBJECT: Scope and Fee Proposal for special inspection, Engineering Materials Sampling, and Testing Services

Dear Mr. Gray:

As requested, Earth Systems is pleased to submit this scope and fee proposal to provide special inspection and field and laboratory materials testing services for the City of Paso Robles' Recycled Water Distribution Line project.

The project will consist of installation of a recycled waterline, as well as tanks, pump stations, and associated improvements.

SCOPE OF SERVICES

An estimate of fees has been prepared based upon the provided 90% plans. We understand that our scope will be quality assurance materials testing and special inspection. It is our understanding that the project is subject to California Prevailing Wage Law. Our scope and fees are outlined below:

A. Soils and Materials Quality Assurance Testing

Soils and materials quality assurance testing have been included during utility backfill and where both subgrade will be processed and compacted, aggregate base will be placed and compacted, and hot mix asphalt will be placed and compacted. Our understanding is that this will be required during trench backfill operations, construction of all-weather aggregate base access roads, fills for utility support, construction of tank pads and pump stations, trench paving and other associated improvements. We have included laboratory testing of backfill material which will primarily be for maximum density/optimum moisture determination, per ASTM D1557, and sieve analysis tests of trench backfill and structure backfill material; mileage to the site; and compaction tests.

reduced to about 500 hrs

Technician – Trench Backfill	~~1,200 hrs.~~ @ $145.00/hr..... $174,000.00
Technician – General Grading	464 hrs. @ $145.00/hr..... 67,280.00
Maximum Density and Optimum Moisture Curves	~~40 each~~ @ $300.00/ea..... 12,000.00

reduced to about 20 ea

	reduced to about 450 ea	
Compaction Tests	~~750 each~~ @ $10.00/ea	7,500.00
R-Value	4 each @ $325.00/ea	1,300.00
Sieve Analysis	~~20 each~~ @ $215.00/ea	4,300.00
Theoretical Maximum Density	reduced to about 10 ea	
Rice Method	6 each @ $170.00/ea	$1,020.00
Sieve Analysis – HMA Aggregate	~~6 each~~ @ $275.00/ea	$1,650.00
Binder Content – HMA	~~6 each~~ @ $285.00/ea	$1,710.00
	reduced to about 3 ea	
Mileage @ 70 miles/trip	~~22,400 miles~~ @ $0.85/mi	19,040.00
	reduced to about 14,000 mi	

Subtotal – Soils and Materials Testing $289,800.00

B. Concrete Special Inspection and Material Testing

Concrete special inspection and testing have been included during construction of the new tank and pump station. We have included special inspection of concrete placement, compression testing of concrete cylinders and rebar/tendon tension testing. We have assumed neither concrete aggregate nor batch plant inspection will be required.

	reduced to about 400 hrs	
Special Inspector	~~484 hrs.~~ @ $150.00/hr	$72,600.00
Technician	80 hrs. @ $145.00/hr	11,600.00
Concrete Compression Tests	36 sets of 5 cyl.@ $225.00/set	8,100.00
Rebar/Tendon Tensile Tests	16 each @ $150.00/each	2,400.00
Mileage @ 70 miles/trip	~~7,800 miles~~ @ $0.85/mi	6,630.00
	reduced to about 6,500 mi	

Subtotal – Concrete Inspection and Testing $101,330.00

C. Engineering Support and Report Preparation

We propose to provide the necessary project management and a brief report at the end of the project. We have also included attendance at one pre-construction meeting and pre-work meetings for major elements, such as the tank construction. As the project is subject to California Prevailing Wage Law, certified payroll reporting during construction is required, and therefore, electronic posting has been included.

Principal Engineer	48 hrs. @ $225.00/hr	$10,800.00
Project Manager	108 hrs. @ $175.00/hr	18,900.00
Technical Assistant	64 hrs. @ 125.00/hr	8,000.00
Mileage @ 70 miles/trip	700 miles @ $0.85/mile	595.00
Certified Payroll	80 reports @ $90.00/ea.	7,200.00

Subtotal - Engineering Support and Report Preparation $45,495.00

Estimated Total $436,625.00

CONDITIONS

The fees and conditions of this proposal will remain in effect for a period of 180 days from the date of issue. Our technicians will attempt, wherever practicable, to test multiple areas during site visits, in order to keep the final bill as low as practicable. However, as the presence of our personnel at the site will depend upon the contractor's schedule and the progress of the work, the fees presented above are to be considered as estimates only, and shall not be construed as guaranteed maximum fees. It is important to note that we cannot control the construction process or the contractor's schedule. Based upon our current work load, the lead engineer will be the undersigned for the stated services. We thank you for your consideration of our firm for this project.

This estimate is based on services provided during regular working hours (0700 to 1700), Monday through Friday. Services provided between 1700 and 0700 on Monday through Friday, and all day Saturday, will be subject to an overtime rate at 1.5 times the regular rate. Services provided on Sundays and Holidays will be subject to a double time rate of 2.0 times the regular rate. All field inspections and visits will be subject to a 4-hour minimum charge, billed in 1-hour increments. The estimate does not include charges for services beyond what has been specifically noted above. Any services not listed herein will be charged in accordance with Earth Systems Pacific's fee schedule in effect at the time that the service was performed.

When testing services are required, this firm should be contacted a minimum of 24 hours in advance by the client or whom the client designates the responsibility for contacting this firm. Our dispatch phone number is 805-544-3276 ext. 1. The client or client's agent is to supply latest plans and specifications, and notify us of any changes pertinent to the performance of testing and observations. Previously failed areas may be retested or reinspected after rework, if required. Charges for retests or reinspections due to failing results or improper work, or when tests or inspections are requested but the contractor is not ready and does not cancel scheduled testing the day before will be billed at the hourly rates listed previously. This firm shall not be responsible for backcharging contractors for retests or reinspections.

Routine project supervision by an engineer has been included in the above estimate. Charges for retesting due to failing results are not included in the estimate and will be billed at the unit rates listed previously. This firm shall not be responsible for backcharging contractors.

The client or client's agent is to supply latest plans and specifications and notify us of any changes pertinent to the proposed inspection services. The client or client's agent is responsible for contacting this firm when services are required. Based upon the current work load, we anticipate that the supervising engineer for this project will be the undersigned

It is assumed that services for this project would be provided in accordance with the provisions of the Master Services Agreement between Cannon Associates and Earth Systems Pacific, dated August 1, 2015. If the client finds the scope of work and estimated fees satisfactory, issuance of Standard Task Order for Consulting Services referencing this proposal, will constitute authorization for work to begin. In order to upload certified payrolls to the State's website, the project's DIR number is necessary. Please complete the attached Prevailing Wage and Accounts Payable Information Request form and return to our office at your convenience. This agreement can be terminated by either party upon notification in writing. Earth Systems Pacific's responsibility for the project will end upon completion of the services described herein or termination of the agreement, unless authorization to perform additional work and agreement for payment thereof is provided by the client.

Thank you for your consideration of our firm for this project. If you have any questions or require additional information, please contact the undersigned at your convenience.

Sincerely,

Earth Systems Pacific

Robert Down, PE
Senior Vice President

Sydney Johnson
Project Manager

Attachments: Prevailing Wage and Accounts Payable Information Request Form

Doc. No.: SLO-2308-064.PRP/pm

EARTH SYSTEMS
4378 Santa Fe Road | San Luis Obispo, CA 93401 | (805) 544-3276 | www.earthsystems.com

Prevailing Wage and Accounts Payable Information Request

Thank you for this opportunity to be of service on your public works project. Please complete and return this form to allow us to comply with California's prevailing wage requirements, and to prepare Earth Systems' invoices in accordance with your organization's billing requirements in a timely manner. Thank you!

Legal Name of Earth Systems PWC Registration No.	**Earth Systems Pacific** **1000003643**
Earth Systems Project No.	

PUBLIC WORKS PROJECT REGISTRATION INFORMATION:

CLIENT'S PROJECT NAME	
DIR PROJECT ID (PWC-100)	
APPLICABLE BID ADVERTISEMENT DATE	
CLIENT'S REPRESENTATIVE FOR DIR PROJECT ID INFORMATION	Name: E-mail: Phone No.:
LABOR COMPLIANCE PROGRAM (LCP) APPLICABLE TO THIS PROJECT?	Yes or No If yes, please confirm if Earth Systems will be subject to the LCP and provide a copy of the LCP manual to Earth Systems before start of project.

CLIENT'S BILLING REQUIREMENTS:

PURCHASE ORDER NO. (if applicable)	
ADDITIONAL INFORMATION REQUIRED ON INVOICES	
SPECIFY ANY ADDITIONAL FORMS OR BILLING FORMATS REQUIRED TO BE SUBMITTED WITH INVOICES (please attach example)	
ACCOUNTS PAYABLE CONTACT INFORMATION	Name: E-mail: Phone No.:
INVOICE DELIVERY METHOD	E-mail: Mailing Address:
Date	

Doc. No.: SLO-2308-064.PRP/pm

Appendix C

CONTRACTOR COMPLIANCE & MONITORING, INC.
www.ccmilcp.com
635 MARINERS ISLAND BLVD., SUITE 200 - SAN MATEO, CA 94404 – P 650-522-4403

October 2, 2023

Pat Riddell
Director Cannon Corp.
1050 Southwood Drive
San Luis Obispo, CA 93401
PatR@CannonCorp.us

RE: Pricing and Scope of Work for Paso Robles Recycled Water Pipeline

Dear Mr. Riddell,

Thank you for the information on this new project. CCMI is submitting the attached scope of work and fee schedule based on the following parameters of the project:

Project funding: California and Federal (California prevailing wage + Davis Bacon) No proposition 84 funding
Estimated Construction Cost: $25-30 Million
Project Duration: 18 months starting Spring 2024

Set forth below are the hourly rates for our staff on this project.
$95 Technician data entry and routine tasks
$125 Analyst
$145 Sr. Analyst
$165 Manager
$450 Principal (Wilder only) Most work should be performed by an Analyst or a Manager
$350 per month LCPtracker Costs

An extension of the project more than 30 days, an expansion of the scope of work or increase in the project cost of more than 5% will entitle CCMI to additional compensation. Our flat fee price based on the attached scope of work would be $35,000 per month or $63,000. Our NTE price for this work on an hourly basis NTE 78,750.

Please remember our NTE pricing is a cap and not a floor.

Sincerely,

Deborah E. G. Wilder

Deborah E.G. Wilder
dwilder@ccmilcp.com

Scope of Services for California and Davis Bacon Prevailing Wage Projects

Listed below is the Scope of Work CCMI is prepared to perform on this project:

1. Review contract specification (upon request) for current prevailing wage language.

2. Assist Client with completion and filing of PWC-100 form (required on all State prevailing wage construction projects in excess of $25,000). The PWC-100 form is to be filed within 30 days of contract award, but later than the first day work is performed on the project

3. Verify contractor's eligibility to work by checking the contracting status with both California State License Board (CSLB) as well as the California Department of Industrial Relations (dir.ca.gov) for registered "public 'works" contractor. Verify contractor's eligibility to work by checking the contracting status through the Federal Excluded Parties list (www.sam.gov). Once subcontractors are identified, also verify the eligibility of all subcontractors.

4. Attend Preconstruction conference (via zoom or Teams), including providing a prevailing wage checklist of law and regulations which need to be followed to comply with state (and federal) prevailing wage requirements as well as all forms required for labor compliance.

5. Provide a phone line and e-mail contact where contractors and subcontractors can contact CCMI for clarification on prevailing wage, certified payrolls, apprenticeship and compliance issues and have CCMI provide technical assistance to subcontractors.

6. Review and comparison of work classification with applicable prevailing wage classification to ensure the contractor is paying the correct prevailing wage rate.

7. Assist CLIENT in securing conformances for any federal wage classification which need clarification. (SF 1444)

8. Review and Monitoring of all weekly certified payroll, including, but not limited to: correct classification of workers, proper wages being paid, proper calculation and payment of fringe benefits and training contributions, review overtime, shift pay, weekend and holiday work/pay, only permissible deductions will be allowed, cross reference of onsite interviews with certified payrolls to verify all workers are listed and review the "certification" or "Statement of Compliance" for completeness and proper signature by an individual with knowledge and authority to act on behalf of the company.

   All contractors and subcontractor shall enter or upload CPRS and related labor compliance documents through LCPtracker.

9. Collect and review other required documentation on a one-time basis, such as, certificate of employee authorization or special payroll deductions.

10. Monitoring of all Apprenticeship Requirements. Collection and review of all DAS-140 and DAS-142 forms. Review of applicable apprenticeship ratios, correct wages paid, training contributions (CAC2 forms).

11. Verification that apprentices are properly supervised and employed in approved ratios as required by California (and Federal) apprenticeship regulations. Obtain federal apprenticeship certification for all apprentices.

12. Jobsite visit and random interviews of workers (to determine veracity of certified payroll information, compliance with anti-kickback, equal employment opportunity requirements, jobsite posting requirements, etc.). Every attempt will be made to interview at least 10% of the workers on all trades as well as workers from each subcontractor on the project. Confirmation that required posters and wage rates are posted on the project. CCMI staff is prepared to conduct all onsite interviews in English and Spanish.

13. Respond to any inconsistencies or deliberate deceptions on the part of contractors through additional detailed investigation and audit of contractors through review of cancelled checks, timecards, and related records (as needed) and seek appropriate resolution consistent with general prevailing wage regulations.

14. Communication not less than monthly of delinquencies and potential violations to CLIENT with recommended action. In the event that potential paperwork or compliance issues with a contractor cannot be resolved quickly, CLIENT will be notified of this potential problem and a recommendation will be made to retain a certain portion of the scheduled progress payment until the issue is resolved.

15. Communications with Contractors. CCMI will work with all contractors and subcontractors with the goal of amicable agreement on resolving issues related to violations, penalties and compliance. All meetings and calls with contractors will be documented in the project folder maintained by CCMI.

16. Collection of Copies of EEO-1 reports due in May 2023. The prime contractor and first tier subcontractor shall be responsible for submitting the report to the EEO portal before the May deadline and providing a copy uploaded to LCPtracker on or before May 15.2023. CCMI will confirm during its May/June Audit that it received these reports on or before May 15, 2023.

17. DBE compliance. Cannon will provide a complete list of all DBE subcontractors the prime contractor has committed to use on the project 30 days BEFORE said prime contractor begins work on the project. The information shall include personnel; name, address, phone, email, license number and DIR Contractor Registration Number for each such DBE along with the dollar commitment to that subcontractor.. CCMI will then check with each subcontractor as to the DBE utilization of that subcontractor on the project.

18. Once work on the project is complete, CCMI generally sends out a final letter to the contractor and any subcontractor who might still have outstanding items. CCMI provides a 10-day window of time during which the contractor/subcontractor can submit additional documentation or make corrections. Once that time period expires, CCMI closes out the project relating to issue of outstanding wages, apprenticeship issues and any restitution or penalties due.

19. Underpaid wages, fringes and training contributions are calculated for “withholding” from the contractor’s retention.

20. Calculation and imposition of federal enforcement penalties specifically overtime violations under the Contract Health Work Safety Standards Act (CWHSSA) and any necessary reports to the US Department of Labor when more than $500 in wages and penalties are assessed.

21. Maintain all records for a period of three (3) years.

22. Provide Final Wage Compliance Report within 45 days of completion of project. Such report shall include a review of any imposition of penalties and reports to the DIR and US DOL, as required.