

AGENDA

**ENGINEERING COMMITTEE MEETING
LEUCADIA WASTEWATER DISTRICT**

Tuesday, September 30, 2025 – 1:00 p.m.
1960 La Costa Avenue, Carlsbad, CA 92009

1. **Call to Order**
Teleconference with Vice President Brown at the following location:
Moulton Nigel Water District
26161 Gordon Road
Laguna Hills, CA 92653
2. **Roll Call**
3. **Public Comment**
4. **La Costa Pump Station Replacement Project – Final Design Services**
Authorize the General Manager to execute Amendment No. 1 to Task Order No. 12 to the Engineering Design Services Agreement with Water Works Engineers for final design services for the La Costa Pump Station Replacement Project in an amount not to exceed \$499,825. (Pages 2-19)
5. **Information Items**
FY25 Gravity Pipeline Replacement Project (verbal).
6. **Directors' Comments**
7. **General Manager's Comments**
8. **Adjournment**

MEMORANDUM

DATE: September 25, 2025
TO: Engineering Committee
FROM: Paul J. Bushee, General Manager 
SUBJECT: La Costa Pump Station Replacement Project – Final Design Services

RECOMMENDATION:

Staff requests that the Engineering Committee recommend that the Board of Directors:

1. Authorize the General Manager to execute Amendment No. 1 to Task Order No. 12 to the Engineering Design Services Agreement with Water Works Engineers for final design services for the La Costa Pump Station Replacement Project in an amount not to exceed \$499,825.
2. Discuss and take other action as appropriate.

BACKGROUND:**Tactical Goal: Infrastructure & Technology / La Costa Pump Station Replacement**

In March 2025, the Leucadia Wastewater District (District) completed the 2025 Pump Station Condition Assessment Report which recommended the replacement of the La Costa Pump Station (LCPS). The facility is located adjacent to center court at the Omni La Costa Resort & Spa (Omni) and was originally constructed in 1964. LCPS is nearing the end of its useful life and, due to its location, staff was interested in relocating it to an Omni parking lot to the west of its current site.

Staff subsequently met Omni staff in April and Omni agreed that it would be best to relocate LCPS to the west parking lot. Later that month, staff retained Water Works Engineers (WWE) to evaluate the optimal pipeline alignments to and from the current and proposed new pump stations. WWE completed this analysis in late August and determined that the optimal pipeline alignments would run south of the existing tennis courts with the force main from the new station connecting the existing force main in the Omni driving range. Staff will present an overview of this alignment at the upcoming meeting. Staff again met with Omni staff in September to review the proposed alignment and they agreed with the approach.

DISCUSSION:

The next step in the process is to initiate the project's design. As such, WWE recently submitted a proposal for final design services. WWE's proposed fee is \$499,825 and includes subconsultant support services, such as geotechnical investigation and survey work. The preliminary construction cost estimate for the project is \$6M and WWE's proposed fee represents a soft cost loading of approximately 8% which staff believes is fair and reasonable. Staff will present an overview of the project's scope of work at the upcoming meeting and it has been attached for your review. The overall timeline for completion of the project design and construction is estimated to be 3 years.

FISCAL IMPACT:

The FY 26 Capital Budget includes \$525k for project design. Therefore, there are sufficient funds to cover this design work. Staff plans to request additional funding for project construction in future Capital Budgets.

ier:PJB

Attachment



9/25/2025

Mr. Ian Riffel
Leucadia Wastewater District
1960 La Costa Avenue
Carlsbad, CA 92009

RE: Amendment No 1 to Task Order No. 12 La Costa Pump Station Relocation Engineering Services Proposal

Dear Mr. Riffel,

Water Works Engineers (Water Works) is pleased to submit to Leucadia Wastewater District (District) a proposal for final design engineering services for Amendment No 1 to Task Order No. 12 La Costa Pump Station Relocation.

Sincerely,

Tim Lewis, PE
Project Manager



7777 Alvarado Rd, Suite 300, La Mesa, CA 91942
619-833-6955 (Direct Office)
619-919-3880 (Cell)
timl@wwengineers.com / www.wwengineers.com

Scope of Engineering Services

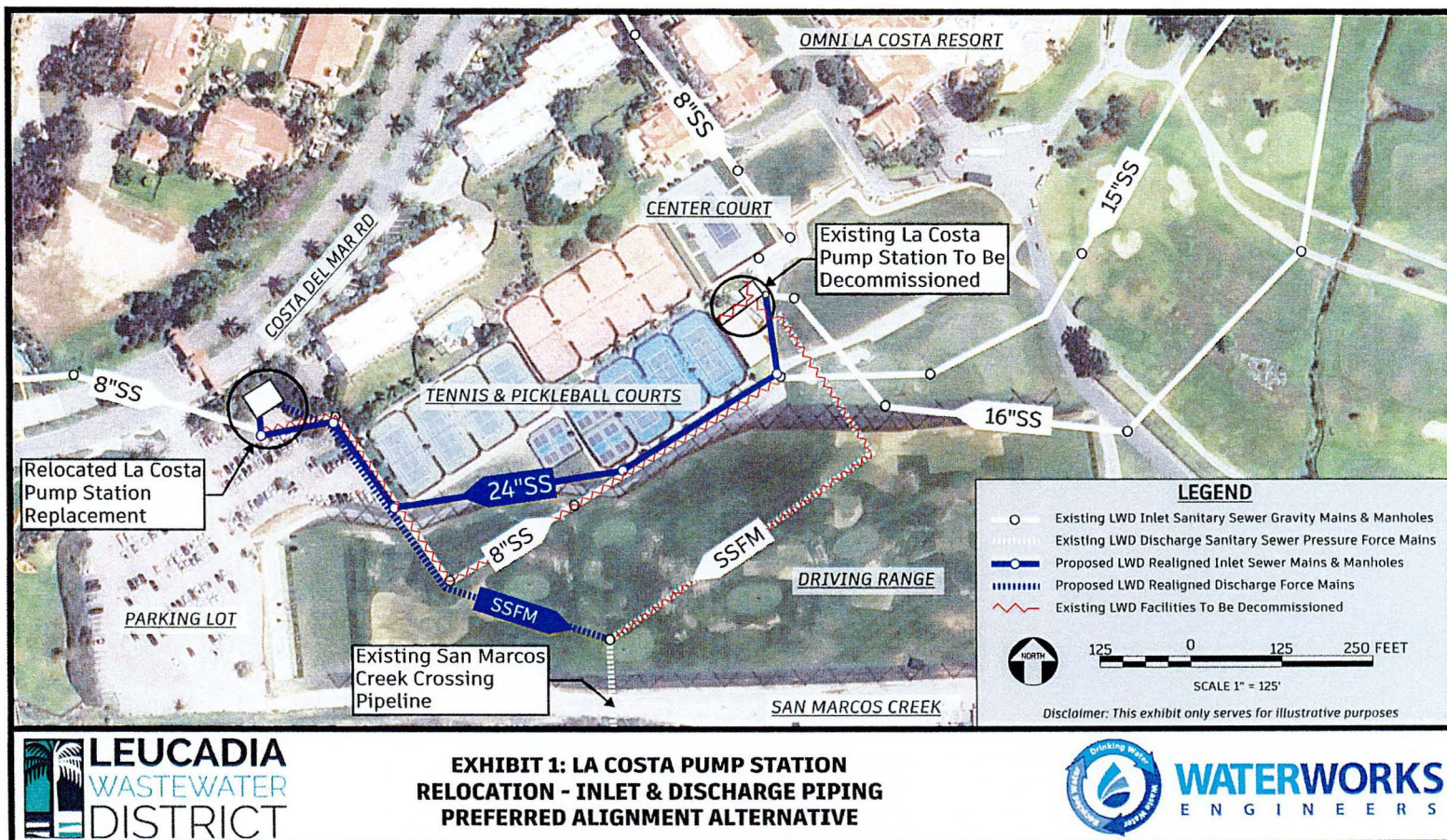
Water Works Engineers, LLC. and Leucadia Wastewater District

Amendment No 1. To Task Order No. 12 La Costa Pump Station Relocation Engineering Services Proposal

Project Description

The project description and specifics are defined in the following table:

Location	Omni La Costa Resort, Carlsbad, CA
Facilities	La Costa Pump Station (located in easement, on Resort property)
Project Objectives	Replacement and relocation of the La Costa Pump Station based on the recommendations made in the Fiscal Year 2025 Pump Station Condition Assessment (WWE Jan 2025) and in the LCPS Realignment Memo (WWE September 2025). The Opinion of Probable Construction Cost is approximately \$6M (2025 dollars, not including soft costs).
Background	The existing La Costa Pump Station is one of the District's oldest pump stations (60 year old steel dry well) and is the last Smith & Loveless package pump station left in its inventory. It is highly recommended that the District replace-in-place or relocate and replace the pump station. The pump station's current configuration, condition, and continued operation as-is, presents a significant risk of failure and spills to the District.
Task Order Objective	The objective of this task order is to design the relocation and replacement of the pump station.
Existing Documentation & Data Request	<ol style="list-style-type: none"> 1. FY25 Pump Station Condition Assessment Report (WWE Jan 2025) & LCPS Realignment Memo (WWE September 2025) description of recommended improvements for relocated pump station is used as basis for proposal 2. Record Drawings 3. CCTV Data 4. Buildout Peak Wet Weather flow data from DWEI 5. Other data requested by CONSULTANT identified in Scope of Services
Overview Map of Improvement Areas	



LEUCADIA
WASTEWATER
DISTRICT

**EXHIBIT 1: LA COSTA PUMP STATION
RELOCATION - INLET & DISCHARGE PIPING
PREFERRED ALIGNMENT ALTERNATIVE**

Scope of Services

ENGINEER will provide engineering design services to meet the Project objectives. Services will be split into the following tasks.

Subtasks	Title
1	Project Management and Administration
2	Geotechnical Support Services
3	Survey & Utility Support Services
4	Preliminary Engineering
5	Final Design

Subtask 1: Project Management and Administration

Under this subtask, ENGINEER shall monitor and track the project budget and schedule to ensure that all deadlines are met and that the project budget is not exceeded. ENGINEER will coordinate with the project team to address items such as project schedule, project budget, and current issues of concern. ENGINEER shall also monitor progress and coordinate the activities being performed by all sub-consultants associated with the project and submit monthly progress reports to the CLIENT. The following will be performed under this subtask:

- 1) Project Kickoff Meeting (to be conducted in person))
 - a) CONSULTANT introductions to District staff and Resort representative
 - b) Familiarize CONSULTANT with all project facilities
 - c) Gather operational data
 - d) Agree on Project Objectives
 - e) Agree on Project Components
- 2) Project Communication and Control
 - a) Coordination of all project team activities
 - b) Communication of project progress and issues to District staff
 - c) Project schedule maintenance and control of project tasks to keep project schedule on track
 - d) Cost tracking of all engineering activities and active cost control of fees.
- 3) Quality Assurance/Quality Control
 - a) Plan and implement Quality Assurance/ Quality Control Policy with the entire project team
- 4) Design Team Access Coordination
 - a) Notifications to Resort staff about geotechnical, survey, utility investigation, and environmental mobilizations to site (District CC'd)
- 5) Meetings with Resort Field Staff, Representatives (6x assumed)

Meetings	<ul style="list-style-type: none"> • Project Kickoff Meeting (in-person) • Resort Meetings (in-person or remote/virtual)
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Deliverables	<ul style="list-style-type: none"> Kickoff Meeting Notes (Elec.; .pdf) Monthly Progress Reports (via email)
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Subtask 2: Geotechnical Support Services (BAJADA)

Under this subtask, geotechnical subconsultant Bajada Geosciences (BAJADA) shall provide support geotechnical services for the final design for the proposed improvements.

This project is anticipated to be influenced by geotechnical conditions. Primary project issues are placement of mat foundations outside of potential fill materials within the Resort, watertight shored firmly embedded to reduce groundwater inflows; deep gravity sewer main excavations must be supported; expected groundwater dewatering magnitudes must be estimated. Geotechnical specialist and subconsultant BAJADA shall conduct the necessary services to inform a basis of design pursuant to industry standards that includes:

Pre-exploration activities

- Access confirmation, 811 Utility Marking, SDCO Env. Health Permitting (source of water needed for testing - assumed to be provided by Resort)

Subsurface Exploration

- Subsurface exploration via drillholes (2x 25' at existing & relocated pump station site, 1x along deep gravity sewer main alignment, 1x 10' supplemental drillhole for forcemain) and groundwater monitoring well. Drilling subcontractor will not be scheduled until a positive disposition is received from the County drilling permit reviewer.

Laboratory Testing

- Standard laboratory testing as required for project improvements that are industry standard and not listed herein for brevity.

Geotechnical Evaluation, Reporting, Consulting

- Geotechnical evaluation tailored for the project improvements (e.g., hazards, excavatability, soils modulus, earth pressures, groundwater conditions, expansive soils, bearing capacities, corrosion potential, etc.)
- Geotechnical reporting in geotechnical investigation report (results, summaries, analyses, recommendations) tailored for the project improvements.
- Consulting and review of design parameters

Meetings	<ul style="list-style-type: none"> None
Deliverables	<ul style="list-style-type: none"> Geotechnical Investigation Report Draft and Final (Electronic; PDF)

Subtask 3: Survey & Utility Designation Support Services

Under this subtask, surveying subconsultant Calvada Surveying (CALVADA) shall provide:

- Aerial photography across general site
- Topographical supplemental survey selectively applied where required for improvements
- Quality level "B" utility designating (just short of potholing) in select areas around the existing and proposed relocated pump station sites where there will be significant surface disturbances. It is anticipated that many private and unmarked utilities are present on Resort grounds (irrigation, power, communications, water, drainage, etc.) and it is highly recommended that they be investigated.
- Easement procurement support in retracing pertinent property lines, pulling preliminary title reports (3x PTRs), conducting research, and developing Plats and Legal Descriptions for anticipated new easements (4x anticipated).

Meetings	<ul style="list-style-type: none"> • None
Deliverables	<ul style="list-style-type: none"> • Survey data • PTRs • Plats and Legals • Utility designating data

Subtask 4: Preliminary Design

Under this subtask, CONSULTANT shall conduct preliminary design services that are centered on collaborative design workshops and presentations. The results of Subtasks 1-4 will be utilized to inform the work in Subtask 5.

4.1 Pipelines Workshop

CONSULTANT will prepare material, present on material, and host a collaborative design workshop (2-3 hours target duration) with District staff and engineer focused on pipelines.

- Focused hydraulic modeling using InfoWorks ICM or Aquanuity AT Sewer for the inlet gravity sewer pipelines and proposed diversion pipelines in the vicinity of the pump station (within 500-ft) so that the right slopes and elevations for the pump station are selected to achieve free flowing conditions, target a maximum depth of flow, and uninterrupted headspace to move air and odor.
- Manhole & Diversion Structures Design Criteria (layout, function, material, etc.)
- Open Cut Diversion Pipe Alignment & Design Criteria (size, depth, slope, material, etc.)
- Forcemain Pipe Alignment & Design Criteria (depth, material, valves, appurtenances, number of forcemains, existing connection points)
- Dewatering constraints

CONSULTANT and District will then check-in with Resort representatives and provide a design progression update meeting.

Meetings	<ul style="list-style-type: none"> • Pipelines Draft Workshop with District (in person) • Design Progression Update Meeting with Resort Representative (virtual)
Deliverables	<ul style="list-style-type: none"> • Workshop Presentation Material & Notes

4.2 Facilities Workshops

CONSULTANT will prepare material, present on material, and host a collaborative design workshop (2-3 hours target duration) with District staff and engineer focused on facilities.

- Pump station hydraulics pump and forcemain sizing
- 100-year flood plain
- Wetwell layout considerations
- Mechanical considerations
- Structural considerations
- Surge/Transients considerations
- Architectural and landscaping considerations
- Access, Drainage, Security, and Parking considerations
- Noise Considerations
- Electrical
- Instrumentation
- Controls
- SDGE
- AT&T

CONSULTANT and District will then check-in with Resort representatives and provide a design progression update meeting.

Meetings	<ul style="list-style-type: none"> • Facilities Workshop (in person) • Design Progression Update Meeting with Resort Representative (virtual)
Deliverables	<ul style="list-style-type: none"> • Workshop Presentation Material & Notes

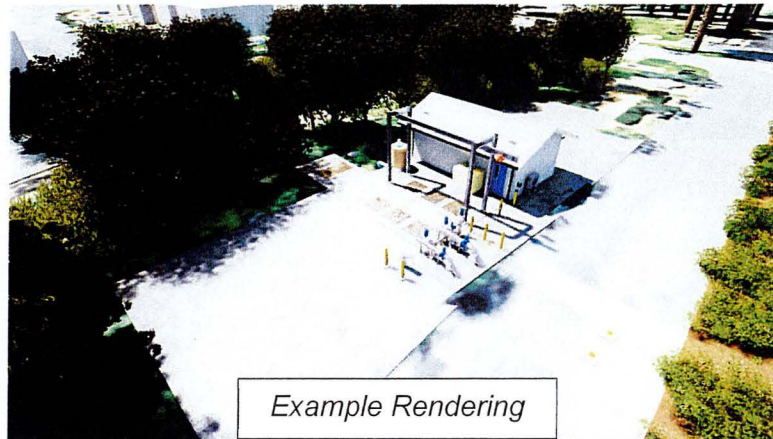
4.3 Preliminary Design

CONSULTANT will conclude the preliminary design phase with the following items:

- 30% Design Drawings
 - Cover Sheet & Overview Map
 - Existing Facilities Demo and Abandonment Plan
 - Plan and Profile of Gravity Sewer Mains
 - Plan and Profile of Sewer Forcemains
 - Diversion Structures Plan

- Electrical Facilities Plan & single section (Major Electrical)
- Wetwell / Valve Vault Plan & single section (Major Structural and Mechanical)
- Draft Rendering (see notes below)
- Plat & Legals (4x assumed) for permanent and temporary construction easements required for the 30% Design improvements.
- Identification with District support of other easements that may be quitclaimed
- Opinion of Probable Construction Cost (appropriate for 30% Design)

The draft rendering will be produced using LiDAR data, site photos, and Survey Data and 3D rendered site improvements. This constitutes a "simplified" reality/photo-realistic rendering and foliage and vegetation will be approximated.



Meetings	<ul style="list-style-type: none"> • None
Deliverables	<ul style="list-style-type: none"> • 30% Design Drawings (Elec.; PDF) • Draft Rendering (Elec.; PDF) • 4x Plat & Legals for Easements (Elec.; PDF) • OPCC (Elec.; PDF)

4.4 Presentation to Omni La Costa Resort

CONSULTANT will prepare material and collaboratively host a presentation with District staff (1.5 hours target duration) for Omni La Costa Resort representatives.

- Provide update on design progression
- Review potential temporary and long-term impacts to Resort utilities and operations
- Discuss project sequencing and draft schedule
- Review rendering
- Review easement procurement needs
- Summarize District requests (memorandum of understanding, easements and updates to agreements, etc.)
- Q/A

It is assumed that after this meeting, design requests from the Resort to District will be minimized to minor detailing and coordination items only.

Meetings	<ul style="list-style-type: none"> • Presentation (in person)
Deliverables	<ul style="list-style-type: none"> • Presentation Material

Subtask 5: Final Design

Under this subtask, CONSULTANT shall conduct Final Design (60%, 90%, 100%, Bid Docs) for the facilities developed under Subtasks 1-5 which will include:

- Sewer Mains, Manholes, and Diversion/Tie-In Structures
- Sewer Force mains, Valves, Vaults, and Appurtenances
- Miscellaneous Facilities
 - Decommissioning of Existing Facilities
 - Restoration of existing pump station site, relocated pump station site, driving range, parking lot, and access path
- New pump station facilities (civil, mechanical, architectural, structural, electrical, controls, & instrumentation) improvements.

Anticipated level of detail for each major deliverable is listed in the following table. After each major deliverable, CONSULTANT and District will then check-in with Resort representatives and provide a design progression update meeting.

	Design Deliverable	60%	90%	100%	Bid Docs
<u>DRAWINGS²</u>					
<u>GENERAL</u>					
	Cover Sheet & Location Map	X	X	X	X
	Sheet Index	X	X	X	X
	General Abbreviations	X	X	X	X
	General Designations	X	X	X	X
	Civil Legend	X	X	X	X
	Mechanical Legend & Notes	X	X	X	X
	Structural Notes 1	X	X	X	X
	Structural Notes 2	X	X	X	X
	Architectural Legend	X	X	X	X
	General Notes	X	X	X	X
	Hydraulics & PI&D	X	X	X	X
	Valve, Appurtenance, & Pipe Schedule	X	X	X	X
	Horizontal Control Map & Easements	X	X	X	X
	Key Map & Overview Plan	X	X	X	X
	Sequencing & Decommissioning Plan	X	X	X	X
<u>SEWER MAINS</u>					
	7x Plan & Profiles	X	X	X	X
	Trench Details		X	X	X
	Manhole Details		X	X	X
<u>SEWER FORCE MAINS</u>					
	4x Plan & Profiles	X	X	X	X
	Trench Details		X	X	X
	Mechanical Details		X	X	X
	Vault Details		X	X	X
<u>MISC FACILITIES</u>					
	Decommissioning Details 1		X	X	X
	Decommissioning Details 2		X	X	X
	Existing PS Surface Restoration		X	X	X
	Relocated PS Surface Restoration		X	X	X

Driving Range Restoration		X	X	X
Parking Lot Restoration		X	X	X
Path Restoration		X	X	X
PUMP STATION (Civil, Mechanical, Structural, Architectural)				
Site Civil Plan	X	X	X	X
Grading Plan	X	X	X	X
Yard Piping Plan	X	X	X	X
Structural Plan	X	X	X	X
Structural Sections 1	X	X	X	X
Structural Sections 2	X	X	X	X
Top Mechanical Plan	X	X	X	X
Lower Mechanical Plan	X	X	X	X
Mechanical Sections 1	X	X	X	X
Mechanical Sections 2	X	X	X	X
Architectural Plan		X	X	X
Archectural Elevations		X	X	X
PUMP STATION (Electrical, Instrumentation, & Controls)				
Electrical Legend & Symbols 1	X	X	X	X
Electrical Legend & Symbols 2	X	X	X	X
Electrical Legend & Symbols	X	X	X	X
Existing One Line Demolition		X	X	X
One Line Diagram	X	X	X	X
Generator & MCC Elevations		X	X	X
Meters, ATS, and MTS Elevations		X	X	X
LP-A Block Diagram	X	X	X	X
RTU Block Diagram	X	X	X	X
Pump Schematics	X	X	X	X
RTU Elevation		X	X	X
RTU Schematic		X	X	X
RTU Schematic 2		X	X	X
RTU Schematic 3		X	X	X
PLC Discrete Inputs	X	X	X	X
PLC Discrete Outputs & Analog Inputs		X	X	X
Communication		X	X	X
Hazardous Location Plan		X	X	X
Overall Site Plan	X	X	X	X
Instrumentation Legend & Symbols 1		X	X	X
Instrumentation Legend & Symbols 2		X	X	X
Abbreviations		X	X	X
Pump Station P&ID	X	X	X	X
SPECIFICATIONS				
Bid Schedule		X	X	X
Measurement & Payment		X	X	X
Front End Coordination			X	X
Special Provisions/Constraints		X	X	X
Tech Specs (DIV 01-46)	X	X	X	X
OPCC (increasing level of detail)	X	X	X	X
RENDERING	X	X	X	X

It is assumed that the scope of design improvements is settled and defined in 90% design submittal. Changes between 90% and 100% shall be moderate to minor, and limited to annotation, style, and presentation and refinement of 90% design improvements. Changes between 100% and Bid Docs shall be minor, and limited to notes and refinement of bidding requirements and bid item quantities. If substantial changes are required by CLIENT, additional scope of work and effort may be required by ENGINEER.

Meetings	<ul style="list-style-type: none"> • 60% Design Review Meeting (in-person) • 90% Design Review Meeting (in-person) • 100% Design Review Meeting (virtual)
Deliverables	<ul style="list-style-type: none"> • 60% PS&E (Elec. pdf & 5x hard copies plans only 11x17) • 90% PS&E (Elec. pdf & 5x hard copies plans only 11x17) • 100% PS&E (Elec. pdf & 5x hard copies plans only 11x17) • Bid Documents PS&E (Elec. pdf & 5x hard copies plans only 11x17)

ASSUMPTIONS

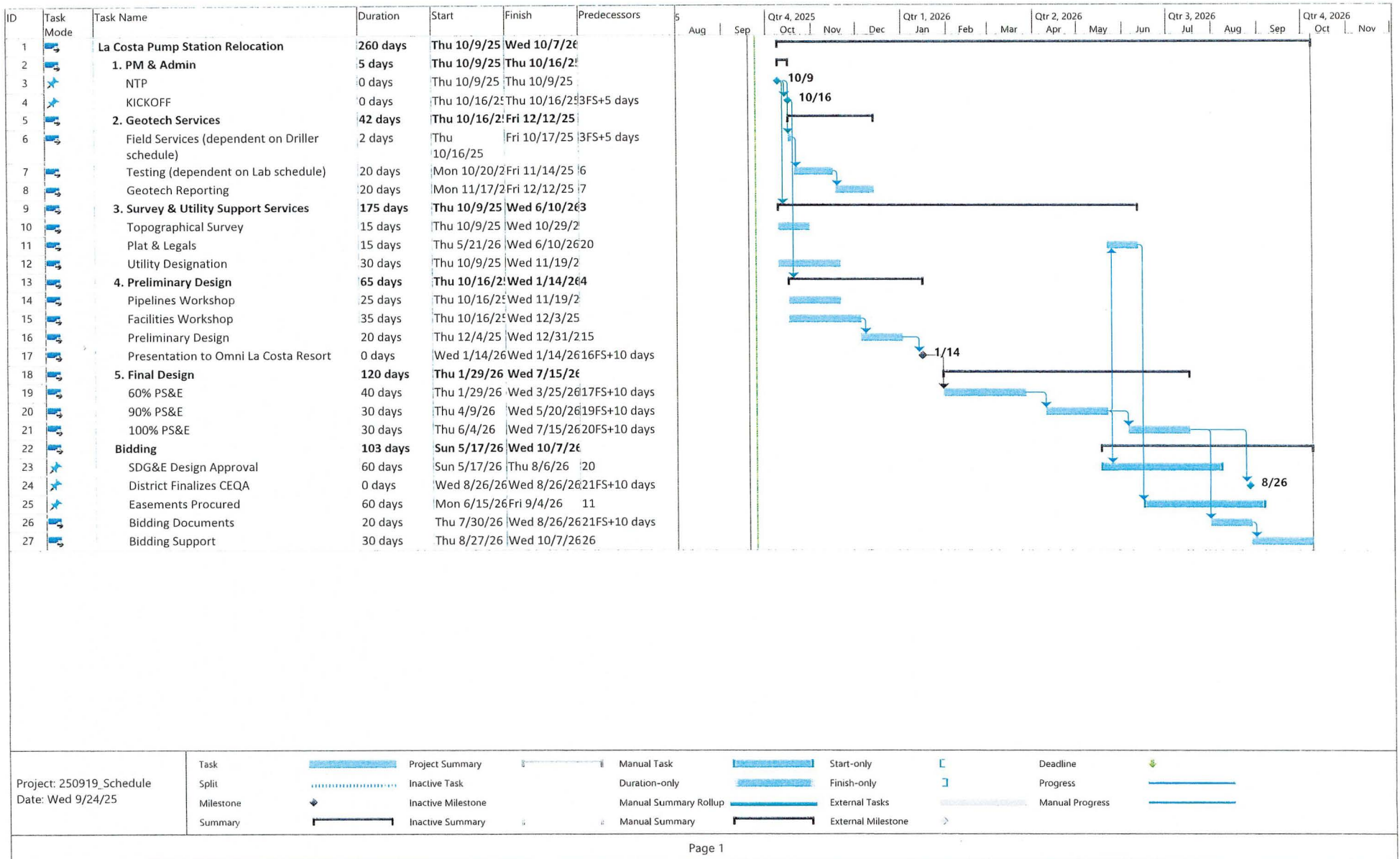
The following assumptions have been made in the development of this Scope of Services. Additional Task Orders would be required to perform any of the work which is not listed in this scope or has been specifically identified as out of scope in the assumptions below:

- This Scope of Engineering Services is issued by Leucadia Wastewater District (herein referred to as CLIENT or District) and accepted by Water Works Engineers LLC (herein referred to as ENGINEER or CONSULTANT) pursuant to the mutual promises, covenants, and conditions contained in the most current As Needed Engineering Design Services Agreement between Leucadia Wastewater District and Water Works Engineers LLC.
- District shall provide:
 - Rights of entry for design team (engineering, geotechnical, survey, environmental) and provide point of contact at Resort.
 - Review of submittals within 10-working days (extended reviews may delay subsequent deliverables)
 - DIR number within 10-working days of NTP so that survey and geotechnical drilling can be scheduled
 - Right-of-way procurement services (assessments, negotiations, quit claiming, etc. as needed) based on Consultant-provided plat and legals.
 - During the course of the assessment if the 2021 flow meter data provided by the District is believed to be inaccurate or insufficient it may be necessary to procure additional flow meter data during this upcoming winter to finetune and optimize the pumps (low flows and average flows) and pumping configuration and CONSULTANT will notify District. It is assumed that by the end of the Subtask 5 preliminary design, the District Engineer (DWEI) will provide peak design wet weather flows with sufficient conservatism to set peak capacity of pump station that are consistent with 2023 SSMP SWRCB requirements that accommodates climate change impacts and CONSULTANT will not need to conduct supplementary verification or assessment.
 - Environmental CEQA pathway determination

- Not in Scope:
 - The likely project CEQA compliance pathway is not known at this time. ENGINEER recommends a biological resources field survey and cultural resources survey be completed along with a formal recommendation from an environmental services provider to comply with CEQA requirements. To facilitate a faster design process, the District has elected to withhold environmental planning during the design phase in this scope of work and ENGINEER will not provide recommended CEQA compliance pathway nor environmental services and field studies. It is assumed that additional environmental work will be completed at a later date by Amendment through ENGINEER's subconsultant, or through District. Consequently, ENGINEER reserves right to not sign and stamp the Cover Sheet until a formal environmental CEQA determination letter has been made and any potential permit or mitigation/monitoring/reporting requirements are fully known.
 - Bidding support
 - Stormwater Quality Management Plan, Drainage Assessment, SWPPP
 - Irrigation and landscaping design. It is assumed that existing irrigation and landscaping that is impacted will be replaced in kind or pursuant to detailing provided by Resort.
 - Public outreach
 - Trenchless Assessment
 - Design of replace-in-place pump station
 - Design of electrical controls building and HVAC systems
 - Engineering Services During Construction
 - Construction Observation or Inspection
 - Fill materials and floodplain assessment and letter of map revision (it is assumed that proposed improvements will not substantially alter existing grade within 100yr FEMA floodplain limits)

SCHEDULE

The proposed schedule is listed on the next page.



PAYMENT

Payment will be on a Time and Expense, Not-to-Exceed basis and invoiced in accordance with the Hourly Wage Rates in the following table, per the most current As Needed Engineering Services Agreement.

Hourly Rates and Fees^{1,2,3}

Classification	Title	CY25	CY26	CY27
AA1	Administrative Assistant	\$86.33	\$86.33	\$86.33
AA2	Senior Administrative Assistant	\$121.29	\$121.29	\$121.29
E0	Engineering Assistant	\$121.29	\$121.29	\$121.29
E1	Staff Engineer	\$151.89	\$151.89	\$151.89
E2	Associate Engineer	\$185.76	\$185.76	\$185.76
E3	Project Engineer	\$208.71	\$208.71	\$208.71
E4	Senior PE / Project Manager	\$241.49	\$241.49	\$241.49
E5	Principal Engineer	\$279.74	\$279.74	\$279.74
I1	Field Inspector	\$162.82	\$162.82	\$162.82
I2	Senior Inspector	\$182.49	\$182.49	\$182.49
I3	Supervising Inspector	\$202.15	\$202.15	\$202.15
T1	CADD Tech 1 (Drafter/Jr. Technician)	\$102.72	\$102.72	\$102.72
T2	CADD Tech 2 (Designer/Sr. Technician)	\$137.68	\$137.68	\$137.68
T3	CADD Tech 3 (Senior Designer)	\$167.19	\$167.19	\$167.19

Notes:

- 1 A markup of 10% will be applied to all project related Direct Costs and Expenses
- 2 An additional premium of 25% will be added to the above rates for Expert Witness and Testimony Services.
- 3 Pursuant to CONSULTANT and DISTRICT communications dated 07/14/25, hourly rates listed herein shall be effective through April 21, 2027. ~~Rate effective through December 31st of each respective year, a 3% increase will be added for any services performed in each year thereafter, pursuant to the Master Engineering Services Agreement.~~

Total Budget for each subtask will be as follows and is detailed in Attachment 1.

Subtasks	Title	Budget
1	Project Management and Administration	\$18,606
2	Geotechnical Support Services	\$82,500
3	Survey & Utility Support Services	\$58,179
4	Preliminary Engineering	\$90,728
5	Final Design	\$249,812
Project Total Budget		\$499,825

ATTACHMENTS

Attached to this Scope for reference are the following:

1	Fee Basis Spreadsheet
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ATTACHMENT 1: Water Works Engineers Cost Proposal

Client Leucadia Wastewater District
Project TO12 La Costa Pump Station Relocation
Prepared by Tim Lewis PM & Mike Fisher PIC
Date 9/24/2025



Amendment No 1 to Task Order No 12										Potential Future Amendment													
Subtask 1			Subtask 2			Subtask 3			Subtask 4			Subtask 5			Subtask 6			Subtask 7			Subtask 8		
2025			2025			2025			2025			2025			2025			2025			2025		
Project Management and Administration (WWE)			Geotechnical Services (BAJADA)			Survey & Utility Designation Support Services (CALVADA)			Preliminary Engineering			Final Design			As-Needed Environmental Services			Bidding Support			Engineering Services During Construction		
5 e	hrs	cost	hrs	cost	hrs	cost	hrs	cost	hrs	cost	hrs	cost	hrs	cost	hrs	cost	hrs	cost	hrs	cost			
	8	\$691																					
	12	\$1,455																					
							60	\$7,277															
							80	\$12,151	212	\$32,201													
							130	\$24,149	220	\$40,867													
	44	\$9,183					80	\$16,697	150	\$31,307													
	5	\$1,207					30	\$7,245	48	\$11,592													
	4	\$1,119					5	\$1,399	8	\$2,238													
							</																

Water Works Engineers (Design Engineer) Expenses			Subtask 1	Subtask 2	Subtask 3	Subtask 4	Subtask 5	Subtask 6	Subtask 7	Subtask 8
	Mileage	\$ 0.70	\$1,000	\$0	\$0	\$0			\$0	\$0
	Travel Direct Costs		\$2,500							
	Printing		\$1,000							
	Water Works Expenses Markup	10%	\$450		\$0	\$0	\$0	\$0	\$0	\$0
Subtotal			\$4,950	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Subconsultant Support Services ⁴		Lump Sum	Subtask 1	Subtask 2	Subtask 3	Subtask 4	Subtask 5	Subtask 6	Subtask 7	Subtask 8
Geotechnical Support Services (BAJADA)				\$75,000						
Survey & Utility Designation Support Services (CALVADA)					\$52,890					
	Water Works Subconsultant Markup	10%	\$0	\$7,500	\$5,289	\$0	\$0	\$0	\$0	\$0
Subtotal			\$0	\$82,500	\$58,179	\$0	\$0	\$0	\$0	\$0

Subtask Totals	Subtask 1	Subtask 2	Subtask 3	Subtask 4	Subtask 5	Subtask 6	Subtask 7	Subtask 8
	\$18,606	\$82,500	\$58,179	\$90,728	\$249,812	\$0	\$0	\$0

Cost Proposal Summary By Type of Service	Tasks 1-5
Water Works (Design Engineer) Services Labor & Expenses (A+B)	\$ 359,146
Subconsultant Support Services (C)	\$ 140,679
Total (A + B + C)	\$ 499,825

Assumptions:

1. Detailed subconsultant fee breakdowns are available upon request