

September 10, 2024

Luis Cardenas, P.E.  
Western Municipal Water District  
Submitted via e-mail: [lcardenas@wmwd.com](mailto:lcardenas@wmwd.com)

**Subject: Lift Station 1269 Force Main Replacement Project - Proposal**

Dear Luis Cardenas:

Western Municipal Water District (Western, District) requests Dudek provide a proposal for additional design services necessary to finalize design bidding documents and any additional environmental work (specifically NEPA) for the Lift Station 1269 Force Main Replacement Project. During a meeting with Western staff on September 5, 2024, Western requested Dudek also include engineering services during bidding for the project.

Dudek is pleased to provide this proposal for engineering and environmental services for the Lift Station 1269 Force Main Replacement Project, including engineering services during bidding. Included within this proposal are the following sections:

1. General Information – General Firm Information and Primary Point of Contact
2. Project Understanding and Approach – Describes project background and objectives; Includes scope of work with specific work elements
3. Fee & Schedule Proposal – Quantifies our anticipated level of effort

Our proposal demonstrates a thorough understanding of your project goals and offers a comprehensive approach and dedicated project team for successful completion.

## 1 General Information

The Dudek team has the resources to perform all work required for each of the Project Tasks as included in the Project Scope of Work. No subcontractors are included for the Scope of Work. The primary point of contact for all proposal and project correspondence is Kate Palmer, P.E. Senior Project Manager, available at 760.479.4160 and [kpalmer@dudek.com](mailto:kpalmer@dudek.com). Alex Hardy is the Environmental Lead for the environmental (NEPA) components of this project and is available at (760.479.4859) and [ahardy@dudek.com](mailto:ahardy@dudek.com).

## 2 Project Understanding and Approach

In January of 2019, Dudek contracted with Western, to provide design and environmental review and documentation services for Western Project W-270 - Lift Station 1269 Force Main Replacement. The project included alternatives analysis, preliminary design and final design of a new force main to convey wastewater flows from the March Air Reserve Base (MARB) to Western's Western Water Recycling Facility (WWRF). The existing force main was shut down in November 2015 due to a history of leaks and frequent repairs. Since then, flows have been diverted to the Expanded Groundwater Extraction and Treatment Systems (EGETS) 8-inch diameter PVC pipeline in the interim to allow the District to address the existing force main issues.

Dudek assessed the project's environmental impacts and prepared a mitigated negative declaration (MND) for the project pursuant to the California Environmental Quality Act (CEQA) that was adopted by the Western Board of Directors in April 2021. The U.S. Air Force determined the project was excluded from further environmental impact review pursuant to the National Environmental Policy Act (NEPA) in June 2020, meeting the qualifications for exclusion A2.3.12, "Installing, operating, modifying, and routinely repairing and replacing utility...systems...that use existing rights of way, easements, distribution systems, or facilities." The NEPA exclusion decision was documented in an Air Force Form 813, Request for Environmental Impact Analysis, that summarized information and findings presented in the subsequent CEQA document.

Dudek completed 100% design documents for the project in July 2021. Project design drawings were updated in Bluebeam only in February 2022 to address a few additional comments from Western and jurisdictional agencies. The project budget was exhausted at this time and the project was put on hold until funding sources could be acquired to move the project forward into construction. In July/August 2025, Western received federal grant funding from the Department of Defense under the Office of Local Defense Community Cooperation (OLDCC)'s Defense Community Infrastructure Pilot Program. This grant requires construction begin no later than September 1, 2025. To meet the new funding requirements, Western needs to finalize and bid the project as soon and as efficiently as possible.

Assuming the project alignment and general limits of work remain unchanged from the existing design, the project would not require subsequent environmental impact review under CEQA. The Western Board of Directors may need to issue another Notice of Determination (NOD) pursuant to CEQA, accompanying their decision to award a construction contract. This NOD would rely on the 2021 MND and associated filing fees, requiring minimal Dudek effort to complete the project's CEQA compliance for Western. It is unclear to Dudek whether OLDCC issued a NEPA determination on the project when issuing the project's grant funding. OLDCC may be able to rely on the 2020 Air Force NEPA decision and documentation, or they may require issuing their own determination. If OLDCC requires their own NEPA determination, Dudek assumes our scope would include minor updates to the analyses performed in 2020 and revisions to the supporting documentation prepared for the Air Force Form 813.

### 2.1 Scope of Work

Dudek will follow the detailed scope of work tasks as outlined below. In accordance with Western's request, Dudek proposes to provide the following services:

## **TASK 1 PROJECT MANAGEMENT**

Dudek will conduct effective project administration and management including the preparation and distribution of monthly progress reports. Progress reports will include progress to date, potential completion issues, anticipated next steps in progress, budget status and project schedule updates. Dudek is providing budget on this task based on a twelve (12) month project duration. This task also includes project meetings, including a project kickoff meeting, monthly progress meetings, and up to one meeting each with permitting agencies, including City of Moreno Valley, City of Perris, Riverside County (including Riverside County Flood Control and Water Conservation District), Caltrans and Southern California Railway Authority during Tasks 2, 3, and 4. Dudek will prepare meeting agendas and meeting minutes. Additionally, Dudek will prepare and maintain a project schedule, outlining tasks, subtasks, durations, and milestones.

### **Task 1 Assumptions**

- Project duration is approximately one year

### **Task 1 Deliverables**

- Monthly Progress Reports
- Meeting Agendas, Meeting Minutes
- Project Schedule

## **TASK 2 FINALIZE BIDDING DOCUMENTS**

Dudek will finalize the bidding documents, including design drawings, front end specifications and technical specifications. As part of this process, Dudek will conduct a second utilities investigation, including conducting a utility research effort on the DigAlert site, contacting potential utility providers, obtaining utility drawings and comparing with the records received during the original design effort in 2019. Additional utilities that were not identified will be added to the design drawings. For purposes of this proposal, Dudek assumes that no more than five separate plan/profile sheets will be impacted by new utilities and require re-design/re-drafting. The utility investigation does not include potholing.

Additionally, Dudek will reengage with all permitting agencies, including City of Moreno Valley, City of Perris, Riverside County (including Riverside County Flood Control and Water Conservation District), Caltrans and Southern California Railway Authority. Because of previous coordination efforts with these agencies during the design efforts in 2019 – 2021, Dudek assumes that no more than one round of comments per agency will be required to incorporate agency comments and finalize bid documents to meet agency requirements.

### **Task 2 Assumptions**

- Dudek assumes that no more than five (5) separate plan/profile sheets will be impacted by new utilities and require re-design/re-drafting.
- No additional potholing efforts are included
- No additional design comments are expected from Western
- The project will be divided into two (2) separate contracts / bid document packages: Contract A (all work within MARB and including the jack and bore crossing to Heacock Street) and Contract B (all work outside of MARB, but not including the jack and bore crossing to Heacock Street)

- The same drawing package will be utilized for both contracts (Contract A and Contract B). Drawings (plan/profile sheets and key map) will be revised to clearly depict which portion is included in Contract A and which portion is included in Contract B.
- The same technical specification package will be utilized for both contracts (Contract A and Contract B). Front end specifications will be modified and slightly different for Contracts A and B.
- One (1) round of comments for each reviewing agency, including City of Moreno Valley, City of Perris, Riverside County (including Riverside County Flood Control and Water Conservation District), Caltrans and Southern California Railway Authority is included. Response to additional rounds of comments are not included.

#### **Task 2 Deliverables**

- Bid Package for Contract A and Contract B including Contract Drawings, Contract Specifications, Engineer's Estimate of Cost

### **TASK 3 ENVIRONMENTAL SERVICES**

Dudek environmental staff will coordinate with OLDCC staff to determine documentation needs for their approval of a categorical exclusion from NEPA. For conservative scoping purposes, Dudek assumes OLDCC will require minor updates to impact review and other relevant information that was included in the 2020 Air Force Form 813 NEPA exclusion. This will include the following environmental technical input:

- Dudek will request a subsequent cultural resources records search from the Eastern Information Center and reviewing the results to confirm there is no new information on known cultural resources since the previous search conducted in late 2019.
- Dudek biologists will conduct a desktop review of recent aerial imagery within the project's limits of work to confirm there is no noticeable change in vegetation communities along the project alignment.
- Dudek biologists will run updated database searches for occurrence of sensitive plant and wildlife species that may occur within the limits of work to confirm there are no additional species that should be considered in the project's conditions.
- Dudek air quality specialists will update the project's air pollutant emissions modeling to reflect current construction assumptions and prepare new tables that compares emissions estimates to relevant current thresholds.

Dudek will incorporate the results of the analysis described above into an update to the document that accompanied the 2020 Air Force Form 813, for OLDCC's consideration of the project's qualification for a categorical exclusion from NEPA. Dudek will assist OLDCC with additional paperwork needed to document the NEPA exclusion.

Dudek will prepare an updated NOD for the Western Board of Director's decision to issue a construction contract and file the NOD with the Riverside County Clerk's Office within 3 days following the Board decision.

#### **Task 3 Assumptions**

- No additional CEQA impact review will be required
- OLDCC will consider the project excluded from further impact review pursuant to NEPA and not require a full NEPA environmental assessment

- OLDCC will not require any standalone environmental technical reports to support their NEPA decision
- No additional CEQA filing fees will be required for the NOD

#### **Task 3 Deliverables**

- Updated documentation supporting OLDCC's NEPA exclusion
- CEQA NOD

### **TASK 4 ENGINEERING SERVICES DURING BIDDING**

Dudek will provide bid and award assistance for the preferred project to include, but are not limited to:

- Assist Western in answering questions from prospective contractors.
- Prepare up to three (3) addenda, as needed, and respond to bid questions, as requested.
- Assist Western staff with bid evaluation and document bid review, analysis, conclusions, and recommendation of award.
- Development of Conforming plans and specifications at completion of bidding phase

#### **Task 4 Assumptions**

- Assistance with up to three (3) addenda

#### **Task 4 Deliverables**

- Bid Evaluation Analysis Letter
- Conformed Plans and Specifications

## **3 Fee & Schedule Proposal**

Dudek proposes a not-to-exceed project budget of \$128,535 for completion of the above Tasks 1 through 4 for the Lift Station 1269 Force Main Replacement Project. Full breakdowns of estimated labor hours by category for each task are attached.

Dudek estimates approximately one year for completion the proposed scope of work. Upon approval of this proposal, Dudek will provide a detailed project schedule.

We look forward to continuing our work on this project with you and Western and to providing the services described herein. Please do not hesitate to call or email me (760.479.4160 or [kpalmer@dudek.com](mailto:kpalmer@dudek.com)) with any questions you might have about our proposal.

Respectfully Submitted,



---

**Kate Palmer, P.E.**  
Senior Project Manager

**Western Municipal Water District**  
**LS 1269 Forcemain Replacement Project**  
**DUDEK FEE ESTIMATE**

9/10/2024

Dudek Labor Hours and Rates																		
		Project Team Role:	PIC - QA/QC	Project Manager	Environmental Project Manager	Senior Engineer	Specialist IV	Specialist III	Specialist I	GIS Analyst	Analyst II	CAD Designer	Admin					
		Team Member:	Mike Metts	Kate Palmer	Alex Hardy	Renee Chuang	Anna Cassidy	Sarah Halterman/ Mathew DeCarlo	Keshia Motifolca	Hailee McOmber	Tuesday Christopher	Nikki Hunter	Michelle Kinney	TOTAL DUDEK	DUDEK LABOR	OTHER DIRECT		
		Billable Rate :	\$310	\$265	\$235	\$240	\$185	\$175	\$155	\$135	\$115	\$195	\$155	HOURS	COSTS	COSTS	TOTAL FEE	
Task 1	Project Management																	
1.1	Progress Reports & Project Administration			40									6	46	\$ 11,53	0 \$		
12.	gintseeM		4	32	24								6	\$ 0	154,80	\$		
	Subtotal Task 1		4	72	24								6	106	\$ 27,010	\$ -	\$ 27,010	
Task 2	Finalize Bidding Documents																	
21.	hcasereR ilyUt			4	24							24	4	5 \$ 6		121,20	\$	
22.	gainwsrD aeUpdt		4	16	24							24		6 \$ 8		159,20	\$	
23.	stmnuecoB D ai peaSdetr		2	24	40									6\$ 6		165,80	\$	
2.4	Address Jurisdictional Agency Comments			16	24							30		70	\$ 15,85	0 \$		
	Subtotal Task 2		6	60	112							78	4	260	\$ 60,470	\$ -	\$ 60,470	
Task 3	Environmental Services																	
31.	ainiotndrooC CCDLO			1	8						8			17	\$	30,65	\$	
32.	aintotmnuecoN D AEdaeUpPdt			1	4	10	28	10	6	16				7\$5	12\$55	\$	11,50	
33.	iglinF pda enrP DNO			1	4					6				11	\$	\$ 18,95	\$ 230	
	Subtotal Task 3			3	16	10	28	10	6	30				103	\$	\$ 17,115	\$ 1,380	\$ 18,495
Task 4	Engineering Services During Bidding																	
41.	adneda/sIFR		2	24	32									5	\$ 8	146,60	\$	
42.	BE iaadinoltu		1	2	4									7	\$	18,00	\$	
43.	icS sfpledias aa incP montndfronoC			4	8							16		28	\$	61,00	\$	
	Subtotal Task 4		3	30	44							16		93	\$	\$ 22,560	\$ -	\$ 22,560
	Total Non-Optional Hours and Fee		13	165	16	180	10	28	10	6	30	94	10	562		\$ 1,380	\$ 128,535	
	Percent of Hours:		2%	29%	3%	32%	2%	5%	2%	1%	5%	17%	2%	100%				