

# CITY OF WESTMORLAND

## REPORT TO CITY COUNCIL

**MEETING DATE:** September 18, 2024

**FROM:** Laura Fischer, Manager

**SUBJECT:** Adopt Resolution 2024-13 to Award the Construction Contract for the Water Treatment Plant Filter Replacement Project to Cora Construction for the Amount Not to Exceed \$1,916,900 Funded by the State Water Board Drought Relief.

**ISSUE:** Shall the Council Adopt Resolution 2024-13 to award the construction contract for the Water Treatment Plant Filter Replacement project to Cora Construction?

**General Manager's Recommendation:**

Adopt Resolution 2024-13 to award the construction contract for the Water Treatment Plant Filter Improvement Project to Cora Construction in the amount not to exceed \$1,916,900.

**FISCAL IMPACT:**

The improvement to the water treatment plant filter and the installation of a water line on 7<sup>th</sup> Street received a grant from the State Water Drought Relief Funds in the amount of \$2,928,150. The grant should pay for the entire filter replacement project at the water plant, but the water line replacement project will be only partially funded.

The finance concern with this grant is that the State retains 10% of all funding requests submitted by the City. We are responsible to pay the invoices for the work completed on the project, but the state only pays us 90% of the invoice. Thus, we are will be out of pocket 10% of the total grant amount and won't be eligible to receive our retention money until the project is completed. The 10% retention is approximately \$293,000 which will build up as we spend funds. The City's Reserve policy has set aside \$309,722 for this purpose.

The table below shows the project budget and expenditures to date.

**CITY OF WESTMORLAND**  
 SCDR/DWR 4600014541 WATER FILTER REPLACEMENT AND PIPE REPLACEMENT PROJECT  
 BUDGET/EXPENDITURES EXHIBIT JULY 26, 2024

**FILTER PROJECT**

BUDGET ITEM	FILTER FUNDS	DUDEK BUDGET	DUDEK COST	CITY/JOEL	TOTAL COST TO DATE	REMAINING
Project Administration	\$0	\$0	\$0	\$20,000 (match)	\$0	\$0
Design Engineering Services and Permitting	\$250,000	\$238,845	\$230,623.08	\$8,095	\$238,718.08	\$11,281.92
Construction Management	\$145,000	\$97,966	\$0	\$0	\$0	\$145,000
Construction	\$2,115,000	\$1,935,000	\$150,000	\$0	\$150,000	\$1,935,000
<b>Totals</b>	<b>\$2,360,000</b>	<b>\$2,271,811</b>	<b>\$380,623.08</b>	<b>\$8,095</b>	<b>\$389,718.08</b>	<b>\$2,151,281.92</b>

**PIPE PROJECT**

BUDGET ITEM	PIPE BUDGET	BJ ENGR. BUDGET	BJ ENGR. COST	CITY/JOEL	TOTAL PIPE COST	REMAINING
Project Administration	\$0	\$0	\$0	\$0	\$0	\$0
Design Engineering Services and Permitting	\$40,000	\$40,000 (est.)	\$18,995	\$5,000	\$23,995	\$16,005
Construction Management	\$55,000	\$25,000 (est.)	\$0	\$0	\$0	\$55,000
Construction	\$473,150	\$0	\$0	\$0	\$0	\$473,150
<b>Totals</b>	<b>\$568,150</b>	<b>\$65,000</b>	<b>\$18,995</b>	<b>\$5,000</b>	<b>\$23,995</b>	<b>\$544,155</b>

**DISCUSSION:**

The City of Westmorland held a bid opening for the construction of this project and received four bids. Our project engineer, Mr. Brandon Lecap from Dudek, has prepared a report with recommendations that is attached for your consideration. for the pipeline replacement project is not know yet.

The bid recommendation will include both the base and additive item. The additive item includes tying two systems together through computers.

Our engineer will attend the meeting to answer questions about the project such as scope of work, expected completion date, milestones and significant improvements to operations and water quality.

**CONCLUSION:**

It is recommended that the Westmorland City Council adopt Resolution 2024-13 awarding the construction management contract for the water treatment plant filter improvement project to Cora Construction in the amount not to exceed of \$1,916,900.

**ALTERNATIVES:**

- 1) Do not adopt Resolution Number 2024-13 and do not award the contract to Cora Construction. This action may cause delay in the project completion date.
- 2) Provide alternative direction to staff.

Respectfully Submitted,  
 Laura Fischer, Manager

Attachments: Resolution 2024-13  
 Bid Analysis Dudek

**RESOLUTION 2024-13**

**A RESOLUTION OF THE CITY OF WESTMORLAND CITY COUNCIL AWARDING THE CONSTRUCTION CONTRACT FOR THE WATER TREATMENT PLANT FILTER IMPROVEMENT PROJECT TO CORA CONSTRUCTION**

**WHEREAS**, the City of Westmorland received two Citations for Non-Compliance from the State Water Board. Citation No. 05-14-17R-001 was issued on July 13, 2017; and Citation No. 06-26-24J-002 was issued in 2024.

**WHEREAS**, the City of Westmorland has identified and wishes to implement a construction project to assist with compliance with the aforementioned Citations involving removal and replacement of the water filter to the Water Treatment Plant, hereafter “Project;” and

**WHEREAS**, the City of Westmorland’s Application for project funding through the Drought Relief Funds for Planning, Design, and Construction of the Water Treatment Plant Filter Improvement Project, and installation of a water line on 7<sup>th</sup> Street, which will be awarded under a separate construction contract, has been approved in the two projects total amount of **\$2,928,150**; and

**WHEREAS**, the City of Westmorland has duly advertised for construction services which have resulted in bid proposals received and reviewed according the legal requirements; and

**WHEREAS**, the City of Westmorland and the project engineers has determined that the lowest bidder was non-responsive; and

**WHEREAS**, the City of Westmorland wishes to award the construction services contract to the lowest responsive bidder, which is Cora Construction in the amount of **\$1,916,900**; and

**NOW, THEREFORE BE IT RESOVLED BY THE CITY COUNCIL OF THE CITY OF WESTMORLAND**, that the above statements are true and correct, and hereby award the Water Treatment Plant Filter Improvement Project construction services to Cora construction in the amount of \$1,916,900.

**PASSED, APPROVED, AND ADOPTED** at a regular meeting of the City Council of the City of Westmorland conducted on the 18<sup>th</sup> day of September, 2024 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

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Judith Rivera, Mayor  
City of Westmorland

I, Christine Pisch, City Clerk of the City of Westmorland, DO HEREBY CERTIFY that the foregoing resolution was duly passed, approved, and adopted by the City of Westmorland City Council at a regular meeting held on the 18<sup>th</sup> day of September, 2024.

ATTEST:

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Christine Pisch, City Clerk  
City of Westmorland

## MEMORANDUM

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**To:** Laura Fischer  
City Manager  
City of Westmorland

**From:** Brandon Lacap, P.E.  
Project Manager  
Dudek (Engineering Consultant)

**Date:** September 12, 2024

**Subject:** WTP Filter Replacement Project – Engineer’s Recommendation of Award

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As requested by the City of Westmorland, the following is a recommendation of award to Cora Constructors, Inc. for the construction of the WTP Filter Replacement Project (Project).

### Project Background

To facilitate the approval process, the following is the general description of the project, and bid process. In general, the original project design consists of replacement of one of the existing deteriorated steel contact clarifier/filter units (Filter Unit No. 2) with a new aluminum contact clarifier/filter unit at the Westmorland Water Treatment Plant. The following is a summary of the major work involved in the project construction:

- Temporary removal and reinstallation of existing raised walkways around Filter Unit No. 2 to allow for removal of existing filter unit and installation of new filter unit.
- Coordination with City for performing short duration temporary WTP shutdowns for installation (and subsequent removal) on temporary above grade bypass pipeline (highlines) as necessary to accommodate continued WTP operation during construction of Filter Unit No. 2 replacement.
- Demolition, removal and disposal of the existing Filter Unit No. 2.
- Temporary removal of a portion of the existing filter area roof structure as necessary to accommodate installation of new filter unit.
- Construction of new reinforced concrete housekeeping pad and EPDM pad in location of new Filter Unit No. 2.
- Installation of new Filter Unit No. 2 on top of new housekeeping pad and EPDM pad.
- Installation of new PSV discharge piping and connection to existing drain lines.
- Modification of existing raised walkways to accommodate the new Filter Unit No. 2.

- Modification and connection to existing influent, effluent, and backwash piping, as well as other filter unit appurtenances.
- Installation of new electrical controls and integration with existing electrical and controls system.
- Testing and commissioning of new Filter Unit No. 2.
- Reinstallation of filter area roof structure.

A critical aspect to this project is that the new Filter Unit No. 2 design is based on the contact clarifier/filter (filter unit) design manufactured by AWC Water Solutions, which was pre-approved by the grant funding agency (Department of Water Resources, Small Communities Drought Relief Program). Shop Drawings for this new filter unit were prepared during the design phase by AWC Water Solutions and were included in the Bid Documents. The Work requires the Contractor to furnish the new filter unit based on the AWC filter unit design, characteristics, specifications, and supporting information that were included in Bid Documents.

The project also includes an additive bid item (Additive Bid Item No. 1), which involves furnishing of a new WTP Control Building laptop with new HMI software to control operation of filter units. This additive Work also requires programming of the new HMI software and testing of the system with the new equipment/software.

The bid opening was held at 2:00 P.M. on Monday, August 26, 2024. Four (4) bids were received during the bid opening, and the names of the contractors and their total bids are listed below:

Bidder	Total Base Bid Amount	Additive Bid Item No. 1 Amount	Base Bid + Additive Bid Item No. 1 Total
Cora Constructors, Inc.	\$ 1,806,900.00	\$ 110,000.00	\$ 1,916,900.00
Jennette Company, Inc.	\$ 1,864,650.00	\$ 120,000.00	\$ 1,984,650.00
Metro Builders	\$ 1,992,375.00	\$ 124,845.00	\$ 2,117,220.00
Mountain Cascade, Inc.	\$ 2,208,102.00	\$ 116,000.00	\$ 2,324,102.00

The Engineer’s estimate for the project base bid amount was \$1,978,000.00 including insurance and bond. A full item breakdown of the bid results and the Engineer’s estimate is provided as an attachment to this memorandum. The apparent low bidder at bid opening was Cora Constructors, Inc. with a base bid of \$1,806,900.00.

### Contractor Bid Package Contents

The contractor submitted the following information as required by the bid documents:

- General information including correct contractor’s classification and license number
- Contractor’s Experience Statement Form
- Non-collusion Declaration
- An explanation of any claims and suits
- Evidence the Bidder and/or Subcontractors meet the minimum Criteria specified in the project specifications

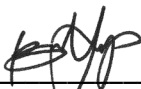
- Resumes of all Key Personnel and alternatives to be assigned to this Project as listed in the specifications
- Bid Bond
- Bidder's Certificate of Insurance Availability
- Names of all Subcontractors/Suppliers
- Signed Bid Form
- Qualification and Financial Disclosure Statement from Bidder
- Signed copy of all addenda (4 addendums total) for acknowledgement of receipt

## Conclusion

Dudek performed a thorough review of the submitted bids, including contacting submitted project references. Dudek was able to communicate with two of the project references provided by Cora Constructors, Inc. (from projects they have completed within the past 5 years) to confirm the work history and experience with the Cora Constructors, Inc. Both references were third-party Construction Managers from the construction management firms that were contracted for each reference project. Both references explained that Cora Constructors, Inc. was responsive, responsible, and completed the project within budget and on schedule. Both references explained that they would recommend Cora Constructors, Inc. as the Prime Contractor on future similar projects. After reviewing and confirming the lowest, responsible, and responsive bidder, Cora Constructors, Inc., submitted a complete bid package, I recommend them for award of this contract.

If you have any questions regarding the information presented in this letter, please feel free to contact me at (760) 479-4106.

Thank you,



9/12/2024

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Brandon Lacap, PE  
Project Manager  
Dudek

Date

**City of Westmorland**

**WTP Filter Replacement Project Bid Opening**

**Bid Opening: Monday, August 26, 2024 @ 2:00p.m.**

<b>Item No.</b>	<b>Cora Constructors, Inc.</b>	<b>Jennette Company, Inc.</b>	<b>Metro Builders</b>	<b>Mountain Cascade, Inc.</b>
BB-1	\$ 1,780,400	\$ 1,837,650	\$ 1,930,275	\$ 2,176,602
BB-2	\$ 1,500	\$ 1,000	\$ 6,750	\$ 5,500
BB-3	\$ 1,000	\$ 5,000	\$ 20,250	\$ 6,000
BB-4	\$ 24,000	\$ 21,000	\$ 35,100	\$ 20,000
Total Base Bid Total	\$ 1,806,900	\$ 1,864,650	\$ 1,992,375	\$ 2,208,102
ABI-1	\$ 110,000	\$ 120,000	\$ 124,845	\$ 116,000
Base Bid+Additive Bid Item No.1 Total	\$ 1,916,900	\$ 1,984,650	\$ 2,117,220	\$ 2,324,102



## WTP Filter Replacement Project Cost Estimate Summary

<b>Client:</b> <u>City of Westmorland</u>	<b>Date:</b> <u>7/12/2024</u>
<b>Project:</b> <u>WTP Filter Replacement Project</u>	<b>Estimator:</b> <u>TD</u>
<b>Submittal:</b> <u>Final</u>	<b>Checker:</b> <u>BL</u>
<b>Cost Index:</b> _____	

### Summary of Costs

Specification Division	Total
Division 1 - General Requirements	\$ 250,000
Division 2 - Sitework	\$ 50,000
Division 3 - Concrete	\$ 12,000
Division 4 - Masonry	\$ -
Division 5 - Metals	\$ 10,000
Division 6 - Wood and Plastics	\$ -
Division 7 - Thermal and Moisture Protection	\$ -
Division 8 - Doors, Windows, and Hardware	\$ -
Division 9 - Finishes	\$ -
Division 10 - Specialties	\$ -
Division 11 - Equipment	\$ 1,521,000
Division 12 - Furnishings	\$ -
Division 13 - Special Construction	\$ -
Division 14 - Conveying Systems	\$ -
Division 15 - Mechanical	\$ 40,000
Division 16 - Electrical/Controls	\$ 52,000
Division 17 - Instrumentation	\$ -
<b>Totals</b>	<b>\$ 1,935,000</b>
Project Level Allowance	10% \$ 169,000
Insurance	1.5% \$ 26,000
Bond	1% \$ 17,000
Subtotal	\$ 212,000
<b>Total</b>	<b>\$ 2,147,000</b>
Additive Bid Item 1: New Laptop, plus HMI Software and Programming	\$ 76,000
<b>Class 2 Estimate (20%):</b>	-10% \$1,933,000
	20% \$2,577,000

<u>Project</u>	WTP Filter Replacement Project	15667
<u>Client</u>	City of Westmorland	DUDEK
<u>Location</u>	Westmorland, CA	Final
<u>Date:</u>	7/12/2024	

Item	Item Description	Qty	Unit	Materials \$/Unit	Labor \$/Unit	Total Net Cost \$
<b>Division 1 - General Requirements</b>						<b>\$ 250,000</b>
1	Mobilization, Demobilization, & General Requirements	1	LS			\$ 95,760
2	Clean-up and Disposal	1	LS			\$ 58,140
3	Testing	1	LS			\$ 95,760
<b>Division 2 - Sitework</b>						<b>\$ 50,000</b>
1	Removal and Reinstallation Roof Panels and Seismic Bracing	1	LS			\$ 19,380
2	Demolition of Existing Air Piping per Project Drawings	1	LS			\$ 570
3	Removal and Disposal of Existing Filter Unit No.2	1	LS			\$ 11,400
4	Filter Location No. 2 Cleaning and surface prep	1	LS			\$ 3,420
5	Relocation of Existing Influent and Backwash Piping	1	LS			\$ 5,700
6	Modifications to Temporary Raised Walkways/Catwalks	1	LS			\$ 5,700
7	Removal and Reinstallation of Effluent Piping	1	LS			\$ 3,420
<b>Division 3 - Concrete</b>						<b>\$ 12,000</b>
1	Concrete Housekeeping Pad for New AWC Filter Unit #2	1	LS			\$ 11,400
<b>Division 5 - Metals</b>						<b>\$ 10,000</b>
1	Pipe Supports (6)	1	LS			\$ 9,122
<b>Division 11 - Equipment</b>						<b>\$ 1,521,000</b>
1	New AWC Filter Unit (including tax and freight)	1	EA	\$ 800,000	\$ 320,000	\$ 1,475,160
2	Commissioning and Training (Provided by AWC)	1	LS			\$ 42,180
3	1/2" EPDM Pad Under Tank	216	SF	\$ 8	\$ 3	\$ 3,420
<b>Division 15 - Mechanical</b>						<b>\$ 40,000</b>
1	8"x6" Offset Fitting (SST)	1	EA	\$ 7,200	\$ 2,880	\$ 11,520
2	6" DI Spacer Flanges or Short Spools	1	EA	\$ 611	\$ 244	\$ 1,030
3	8" DI Spacer Flanges or Short Spools	1	EA	\$ 901	\$ 361	\$ 1,490
4	12" DI Spacer Flanges or Short Spools	1	EA	\$ 1,536	\$ 614	\$ 2,510
5	14" DI Spacer Flanges or Short Spools	1	EA	\$ 2,247	\$ 899	\$ 3,650
6	20' Stick 4" Welded Steel Sch40 Air Piping	1	EA	\$ 1,440	\$ 864	\$ 2,740
7	4" Welded Steel Sch40 Fittings	1	LS			\$ 1,140
8	PSV Drainage Piping	1	LS			\$ 15,390
<b>Division 16 - Electrical/Controls</b>						<b>\$ 52,000</b>
1	Demolition of Existing Filter 2 Electrical	1	LS			\$ 5,480
2	Installation of AWC Control Panel	1	LS			\$ 1,370
3	600V Class Wiring and Raceway	1	LS			\$ 5,700
4	Communication Wiring and Raceway	1	LS			\$ 1,710
5	Ethernet Communication Module for Westech PLC	1	LS			\$ 4,910
6	Submittal Preparation (6 Submittals, 3 Resubmittals)	1	LS			\$ 2,280
7	Testing	1	LS			\$ 1,370
8	120/240V Panelboard Modifications	1	LS			\$ 570
9	Westech PLC Programming/Integration	1	LS			\$ 22,800
10	Instrumentation Class Wiring	1	LS			\$ 5,700
<b>Total</b>						<b>\$ 1,935,000</b>