



## ORLAND CITY COUNCIL SPECIAL MEETING AGENDA

Thursday, June 20, 2024 at 4:00 PM  
Carnegie Center, 912 Third Street and via Zoom

P: (530) 865-1600 | [www.cityoforland.com](http://www.cityoforland.com)

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**City Council:** Chris Dobbs, Mayor | Mathew Romano, Vice-Mayor

Bruce T. Roundy | Jeffrey A. Tolley | John McDermott

**City Manager:** Peter R. Carr    **City Clerk:** Jennifer Schmitke

### Virtual Meeting Information:

<https://us02web.zoom.us/j/84248629435>

Webinar ID: 842 4862 9435 | Zoom Telephone: 1 (669) 900-9128

Public comments are welcomed and encouraged in advance of the meeting by emailing the City Clerk at [jtschmitke@cityoforland.com](mailto:jtschmitke@cityoforland.com) or by phone at (530) 865-1610 by 4:00 p.m. on the day of the meeting

1. CALL TO ORDER - 4:00 PM
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL

Comments from the public are welcomed. The Mayor will announce the opportunity for comments related to each action item on the agenda. Please limit your comments to three minutes per topic, and one comment per person per topic. Once the public comment period is closed, please allow the Council the opportunity to continue its consideration of the item without interruption.

### 4. ADMINISTRATIVE BUSINESS

A. Continued City Council Discussion and Possible Action to Award a Construction Contract for the City of Orland Emergency Groundwater Resource Project: Phase 4 - Water Storage Tank (Discussion/Action) - Paul Rabo, City Engineer (30 min) (Pg. 3)

### 5. ORAL AND WRITTEN COMMUNICATIONS

#### Public Comments:

Members of the public wishing to address the Council on any item(s) not on the agenda may do so at this time when recognized by the Mayor. However, no formal action or discussion will be taken unless placed on a future agenda. The public is advised to limit discussion to one presentation per individual. While not required, please state your name and place of residence for the record. Please direct your comments to the Mayor or Vice Mayor. (Public Comments will be limited to three minutes).

6. CITY COUNCIL COMMUNICATIONS AND REPORTS
7. ADJOURN

**CERTIFICATION:** Pursuant to Government Code Section 54954.2(a), the agenda for this meeting was properly posted on June 19, 2024.

A complete agenda packet is available for public inspection during normal business hours at City Hall, 815 Fourth Street, in Orland or on the City's website at [www.cityoforland.com](http://www.cityoforland.com) where meeting minutes and video recordings are also available.

In compliance with the Americans with Disabilities Act, the City of Orland will make available to members of the public any special assistance necessary to participate in this meeting. The public should contact the City Clerk's Office 530-865-1610 to make such a request. Notification 72 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.



## CITY OF ORLAND STAFF REPORT

### MEETING DATE: June 20, 2024

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**TO:** Honorable Mayor and Council

**FROM:** Paul W. Rabo, City Engineer

**SUBJECT:** City Council discussion and possible action to award a construction contract for the City of Orland Emergency Groundwater Resource Project – Phase 4 (Discussion/Action)

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#### BACKGROUND:

In September 2021, the City of Orland began working with the State of California Department of Water Resources (DWR) to layout, design and construct improvements to the City's water system. The primary goal for the project is to supply residents, inside and outside of City Limits, with a safe and reliable source of drinking water. The proposed project improvements include a new municipal groundwater well, water storage tank, water mains, fire hydrants and residential water services.

The fourth portion of the project to be advertised, is Phase 4 located on the east side of 6<sup>th</sup> Street between Mill and Yolo Streets. The project includes the construction of a one-million-gallon water tank, booster pumps, water system appurtenances and site improvements.

The project was advertised on April 9, 2024 and bids were opened on May 21, 2024. A total of two bids were received from contractors. A Bid Summary is attached for review. The Notice to Bidders described four different options in which the construction contract could be awarded:

- Bid Schedule 1 – Base Bid (Bid Items 1 – 60)
- Bid Schedule 2 – Base Bid plus Additional #1 (Bid Items 1 – 61)
- Bid Schedule 3 – Base Bid plus Additional #2 (Bid Items 1 – 60, 62 & 63)
- Bid Schedule 4 – Base Bid plus Additional #1 & #2 (Bid Items 1 – 63)

Please see the attached Bid Summary for a description of Bid Items 1 – 63. The engineer's estimated construction costs of the project ranged from \$3.57M (Bid Schedule 1) to \$4.03M (Bid Schedule 4).

#### ANALYSIS:

DWR has budgeted approximately \$13.2M for the construction of all phases included in this project. The City has performed or awarded construction contracts for the following phases:

Phase	Contract Work	Budgeted Cost	Actual Cost
1	Water services in City Limits	\$1,437,700	\$1,437,700 (partially complete)
2A	Water mains, services and fire hydrants southeast of City limits	\$5,344,200	\$4,472,651 (per bid)
2B	Water mains, services and fire hydrants northwest of City limits	\$1,982,000	\$1,392,691 (per bid)
2C	Connections from meter to house	\$793,300	\$793,300 (to be completed)
3A	Drill municipal well	\$342,300	\$345,395 (per bid)
3B	Equip well and develop site	\$890,600	\$1,789,300 (estimated for future bid)
4	Storage tank, booster pumps, site improvements	\$2,426,300	\$4,352,412 (per lowest Schedule 1 bid)
CCO	Storm drain and water system connection	Not budgeted	\$725,000
Totals		\$13,216,400	\$15,308,449
Difference		(\$2,092,049)	

Portions of Phase 1 have been completed by the City Public Works Department. Phase 1 is estimated to be 70% complete and any remaining funds in Phase 1 could be used to offset the costs of Contract Change Orders (CCOs) in other phases. Phases 2A, 2B and 3A have been awarded and are under construction or are completed. Phase 3B has not been advertised. The proposed CCO is needed to connect the storage tank to the City's existing water system and to provide a method to discharge the storage tank when it needs to be emptied for maintenance.

Staff has reviewed potential options to bring the project budget closer to balanced including not constructing Phase 3B and awarding Phase 4 or rejecting Phase 4 bids and readvertising with a smaller tank and scope of work.

#### **RECOMMENDATION:**

1) Staff recommends the City Council award a construction contract for Bid Schedule 2 of the City of Orland Emergency Groundwater Resource Project – Phase 4 project to RTA Construction, Inc.; and 2) Authorize the City Manager to execute the contract and all other documents necessary to complete the project.

#### **FISCAL IMPACT OF RECOMMENDATION:**

The project costs incurred for construction, construction engineering, inspection and administration are being funded by DWR. If Phase 3B and 4 are awarded for the amounts shown under actual costs in the table above, the City of Orland would be responsible for the payment of approximately \$2.1M if no additional funding is available from DWR. The City currently has \$4.2M in the Water Fund.

#### **ATTACHMENT:**

- Bid Summary - Orland Emergency Groundwater Resource Project – Phase 4
- Conceptual Layout- Public Safety Facility and Storage Tank

City of Orland Emergency Groundwater Resource Project Phase 4

Bid Summary

Bid Opening: May 21, 2024 at 2:00 p.m.

				RTA Construction, Inc.		MDS Engineering & Construction, Inc.	
Item	Description	Quantity	Unit	Unit Cost	Amount	Unit Cost	Amount
Base Bid							
1.	Mobilization/Demobilization	1	LS	\$ 40,000.00	\$40,000.00	\$ 59,310.00	\$59,310.00
2.	Environmental Compliance	1	LS	\$10,000.00	\$10,000.00	17,933.00	\$17,933.00
3.	Site Management	1	LS	\$15,000.00	\$15,000.00	205,470.00	\$205,470.00
4.	Project Identification Sign	1	EA	\$5,000.00	\$5,000.00	1,469.00	\$1,469.00
5.	Demolition, Clearing, And Grubbing	1	LS	\$10,000.00	\$10,000.00	5,500.00	\$5,500.00
6.	Potholing And Utility Coordination - Site	1	LS	\$8,000.00	\$8,000.00	\$8,800.00	\$8,800.00
7.	Water System Tie-In Connection	1	LS	\$15,000.00	\$15,000.00	\$8,583.00	\$8,583.00
8.	12 -Inch Restrained Class 350 Ductile Iron Pipe - Watermain	105	LF	\$300.00	\$31,500.00	\$569.11	\$59,756.55*
9.	18 -Inch Class 350 Ductile Iron Pipe - Watermain	35	LF	\$500.00	\$17,500.00	\$884.04	\$30,941.40*
10.	12-Inch Buried Flexible Expansion Joint	1	EA	\$16,000.00	\$16,000.00	\$12,163.00	\$12,163.00
11.	18-Inch Buried Flexible Expansion Joint	1	EA	\$35,000.00	\$35,000.00	\$24,709.00	\$24,709.00
12.	Hydrostatic Pressure Testing and Disinfection of Site Piping and Pump Station	1	LS	\$13,000.00	\$13,000.00	\$14,157.00	\$14,157.00
13.	18-Inch X 18-Inch Concrete Vaults	2	EA	\$4,000.00	\$8,000.00	\$6,258.88	\$12,517.76*
14.	36-Inch X 36-Inch Concrete Vault	1	EA	\$8,000.00	\$8,000.00	\$12,403.00	\$12,403.00
15.	36-Inch X 60-Inch Concrete Vault	1	EA	\$12,000.00	\$12,000.00	\$18,105.00	\$18,105.00
16.	21-Inch SDR 35 PVC (Storm Drain)	35	LF	\$480.00	\$16,800.00	\$273.60	\$9,576.00
17.	12-Inch SDR 35 PVC (Storm Drain)	26	LF	\$470.00	\$12,220.00	\$214.53	\$5,577.78*
18.	12-Inch Class 50 Ductile Iron Pipe (Storm Drain)	84	LF	\$330.00	\$27,720.00	\$323.01	\$27,132.84*
19.	Site Grading	1	LS	\$25,000.00	\$25,000.00	\$11,893.00	\$11,893.00
20.	Swale	180	LF	\$30.00	\$5,400.00	\$32.10	\$5,778.00
21.	6-Foot-Tall Chain Link Fence and Swing Gate	538	LF	\$ 85.00	\$45,730.00	\$76.06	\$40,920.28*
22.	16-Foot-Wide Drive Gate	2	EA	\$7,500.00	\$15,000.00	6,875.00	\$13,750.00
23.	3/4-Inch Rock Ground Cover at Tank Site	12202	SF	\$1.00	\$12,202.00	1.52	\$18,547.04*
24.	Drive Approach	351	SF	\$40.00	\$14,040.00	56.05	\$19,673.55*
25.	Furnish And Install Building Plumbing and Drainage	1	LS	\$13,000.00	\$13,000.00	24,930.00	\$24,930.00
26.	Bollards	20	EA	\$1,200.00	\$24,000.00	\$1,100.00	\$22,000.00
27.	5-Foot Concrete Sidewalk	90	LF	\$130.00	\$11,700.00	\$156.13	\$14,051.70*
28.	Booster Pump Pedestal	2	EA	\$6,000.00	\$12,000.00	\$3,452.93	\$6,905.86*
29.	Pump Building Foundation	1	LS	\$100,000.00	\$100,000.00	\$150,143.00	\$150,143.00
30.	Electrical Prefabricated Building	1	LS	\$170,000.00	\$170,000.00	\$41,553.00	\$41,553.00
31.	Mechanical Room 18-Inch Adjustable Pipe Supports	2	EA	\$800.00	\$1,600.00	\$2,482.47	\$4,964.94*
32.	Mechanical Room 8-Inch Adjustable Pipe Supports	2	EA	\$600.00	\$1,200.00	\$1,712.06	\$3,424.12*
33.	Mechanical Room Concrete Pad Pipe Supports	2	EA	\$4,000.00	\$8,000.00	\$4,128.71	\$8,257.42*
34.	Generator Pad Foundation	1	LS	\$65,000.00	\$65,000.00	\$96,876.00	\$96,876.00
35.	Water Tank Foundation	1	LS	\$165,000.00	\$165,000.00	\$462,678.00	\$462,678.00
36.	Meter/Main, ATS, Power Distribution	1	LS	\$480,000.00	\$480,000.00	\$368,550.00	\$368,550.00
37.	Site Electrical Materials	1	LS	\$290,000.00	\$290,000.00	\$303,749.00	\$303,749.00
38.	Variable Frequency Drive	2	EA	\$75,000.00	\$150,000.00	\$61,950.00	\$123,900.00
39.	PLC Panel	1	LS	\$100,000.00	\$100,000.00	\$90,300.00	\$90,300.00
40.	Utility Costs	1	LS	\$62,000.00	\$62,000.00	\$61,233.00	\$61,233.00
41.	PLC And SCADA Programming	1	LS	\$ 115,000.00	\$115,000.00	\$100,800.00	\$100,800.00
42.	Instrumentation	1	LS	\$80,000.00	\$80,000.00	81,150.00	\$81,150.00
43.	1,000 GPM Booster Pump	2	EA	\$72,000.00	\$144,000.00	106,066.22	\$212,132.44*
44.	Pump Station Start Up and Testing	1	LS	\$30,000.00	\$30,000.00	25,715.00	\$25,715.00
45.	Ductile Iron Fittings and Appurtenances for the Booster Pump Station (BPS)	1	LS	\$55,000.00	\$55,000.00	66,639.00	\$66,639.00
46.	Ductile Iron Pipe Spools (BPS)	1	LS	\$38,000.00	\$38,000.00	\$23,932.00	\$23,932.00
47.	8-Inch Check Valves (BPS)	2	EA	\$5,000.00	\$10,000.00	\$2,993.77	\$5,987.54*
48.	18-Inch Flanged Gate Valve Assembly (BPS)	1	EA	\$24,000.00	\$24,000.00	\$21,561.72	\$21,561.72*
49.	12-Inch Flanged Gate Valve Assembly (BPS)	1	EA	\$5,600.00	\$5,600.00	\$5,503.22	\$5,503.22*
50.	8-Inch Flanged Gate Valve Assembly (BPS)	7	EA	\$2,600.00	\$18,200.00	\$3,999.59	\$27,997.13*
51.	Flow Control Valve Assembly (BPS)	1	LS	\$30,000.00	\$30,000.00	\$26,276.00	\$26,276.00
52.	Chlorination System and Appurtenances	1	LS	\$30,000.00	\$30,000.00	\$18,688.00	\$18,688.00
53.	Water Storage Tank	1	LS	\$975,000.00	\$975,000.00	\$872,432.00	\$872,432.00
54.	Water Storage Tank - Interior Coating	1	LS	\$410,000.00	\$410,000.00	\$373,483.00	\$373,483.00
55.	Water Storage Tank - Exterior Coating	1	LS	\$215,000.00	\$215,000.00	\$186,945.00	\$186,945.00
56.	Water Storage Tank - Appurtenances and Cathodic Protection	1	LS	\$25,000.00	\$25,000.00	\$22,110.00	\$22,110.00
57.	Water Storage Tank -12-Inch Inlet Line and Appurtenances	1	LS	\$16,000.00	\$16,000.00	\$21,440.00	\$21,440.00
58.	Water Storage Tank - 18-Inch Outlet Line and Appurtenances	1	LS	\$22,000.00	\$22,000.00	\$27,876.00	\$27,876.00
59.	Water Storage Tank - Overflow Line	1	LS	\$29,000.00	\$29,000.00	\$25,377.00	\$25,377.00
60.	Water Storage Tank - Drain Line and Valve	1	LS	\$9,000.00	\$9,000.00	\$6,600.00	\$6,600.00

City of Orland Emergency Groundwater Resource Project Phase 4  
Bid Summary

Bid Opening: May 21, 2024 at 2:00 p.m.

				RTA Construction, Inc.		MDS Engineering & Construction, Inc.	
Item	Description	Quantity	Unit	Unit Cost	Amount	Unit Cost	Amount
Base Bid Subtotal					\$4,352,412.00		\$4,580,827.29*
Additional Bid 1 Prefabricated Building							
61.	Prefabricated Building Extension	1	LS	\$258,420.00	\$258,420.00	\$89,322.00	\$89,322.00
Additional 1 Subottal					\$258,420.00		\$89,322.00
Additional Bid 2 Emergency Generator							
62.	Emergency Generator	1	LS	\$696,200.00	\$696,200.00	\$619,500.00	\$619,500.00
63.	Gas Connection Complete	1	LS	\$28,910.00	\$28,910.00	\$35,040.00	\$35,040.00
Additional 2 Subottal					\$725,110.00		\$ 654,540.00
Bid Schedule 1 - Base Bid Subtotal (Bid Items 1 - 60)					\$4,352,412.00		\$4,580,827.29*
Bid Schedule 2 - Base Bid plus Additional #1 Subtotal (Bid items 1 - 61)						\$4,610,832.00	\$4,670,149.29*
Bid Schedule 3 - Base Bid plus Additional #2 Subtotal (Bid items 1 - 60, 62 & 63)						\$5,077,522.00	\$5,235,367.29*
Bid Schedule 4 - Base Bid plus Additional #1 & #2 (Bid items 1 through 63)						\$5,335,942.00	\$5,324,689.29*

\* Amount corrected from Proposal due to arithmetic error.



