



RANCHO MURIETA COMMUNITY SERVICES DISTRICT

15160 Jackson Road, Rancho Murieta, CA 95683

Office - 916-354-3700 * Fax - 916-354-2082

IMPROVEMENTS COMMITTEE

(Directors Randy Jenco and Martin Pohl)

Regular Meeting

March 1, 2022 at 8:00 a.m.

This meeting will be held via ZOOM video conference only. You can join the conference by (1) logging on to <https://us02web.zoom.us/j/85487058158>, entering Meeting ID no. 854 8705 8158 and using the audio on your computer, or (2) dialing into 1-669-900-9128 and entering the meeting code 854 8705 8158. Those wishing to join with audio only can simply call the telephone number above and enter the code. Participants wishing to join the call anonymously have the option of dialing *67 from their phone. Please refer to your telephone service provider for specific instructions. ***PLEASE NOTE – MOBILE DEVICE USERS MAY NEED TO INSTALL AN APP PRIOR TO USE AND MAC AND PC DESKTOP AND LAPTOP USES WILL REQUIRE YOU TO RUN A ZOOM INSTALLER APPLICATION – PLEASE FOLLOW DIRECTIONS AS PROVIDED BY ZOOM. IT IS RECOMMENDED YOU ATTEMPT TO LOGIN AT LEAST 5 MINUTES BEFORE THE START OF THE MEETING.***

AGENDA

1. **Call to Order**
2. **Consider Finding That as a Result of the COVID-19 Emergency: (i) Meeting in Person Would Present Imminent Risks to the Health or Safety of Attendees; and (ii) the Meeting is Authorized to be Held by Teleconference Pursuant to Gov. Code, § 54953, subd. (e)(1)(C).**
3. **Comments from the Public**
4. **Monthly Update**
5. **CalCAD Geographical Information System Agreement**
6. **Evaluate Responses to RFP for Sodium Hypochlorite Design Services**
7. **Director and Staff Comments/Suggestions**
8. **Adjournment**

"In accordance with California Government Code Section 54957.5, any writing or document that is a public record, relates to an open session agenda item and is distributed less than 24 hours prior to a special meeting, will be made available for public inspection in the District offices during normal business hours. If, however, the document is not distributed until the regular meeting to which it relates, then the document or writing will be made available to the public at the location of the meeting."

In compliance with the Americans with Disabilities Act if you are an individual with a disability and you need a disability-related modification or accommodation to participate in this meeting or need assistance to participate in this teleconference meeting, please contact the District Office at 916-354-3700 or awilder@rmcsd.com. Requests must be made as soon as possible.



Note: This agenda is posted pursuant to the provisions of the Government Code commencing at Section 54950. The date of this posting is February 24, 2022. Posting locations are: 1) District Office; 2) Post Office; 3) Rancho Murieta Association; 4) Murieta Village Association.

MEMORANDUM

Date: February 24, 2022
To: Improvements Committee
From: Michael Fritschi, P.E. - Director of Operations
Subject: Monthly Utilities Department Updates

Water Treatment Facility Sodium Hypochlorite Conversion – The District has received (3) RFP responses for the design services related to the upgrade of the water treatment disinfection system from chlorine gas to sodium hypochlorite. This item is being discussed in the meeting today.

Laguna Joaquin

No update

Main Lift Station North

Staff will be initiating significant maintenance on the Main Lift North Sewage Lift Station (MLN). The maintenance costs are shared 50/50 with the Sacramento Metro Fire. Maintenance tasks outlined are Level 1 and 2 preventative maintenance tasks typically completed every year, and every three years, and include maintenance for:

1. Air induction and exhaust systems
2. Cooling systems
3. Fuel
4. Lube Oil System
5. Engine Starter
6. Control panel
7. Generator Mechanical
8. Load bank testing

Some minor parts will be replaced along with this service such as batteries, alternator, thermostats, sensors, etc. The cost to perform this maintenance and minor repair has been quoted at \$6,846.

Rio Oso Pump Replacement

The pressure system pumps, and variable frequency drives (VFD) are scheduled to be replaced. Pumps have arrived onsite, and the installer (Odell Pumps) is in the process of locating parts to connect the new pumps (flex coupler reducers). The pumps will be installed the week of March 14th. The 15-year old VFD's are out for quote and are being replaced as a part of the project, due to the relative age and desired continued functionality. This pumping system provides water system pressure for the majority of Rancho Murieta North.

Water Treatment Plant Flocculator Motor

The flocculation motor for sedimentation basin #1 has failed and will need to be replaced. Taking one flocculator out of service temporarily reduces the treatment capacity to 700 gpm. Plant #1 is currently down for removing and rehabilitating the back-pulse pumps but is being readied to be put back online if demand outpaces the reduced capacity of plant #2.

Site Development Update

Riverview: Phase 1a utility installation is almost complete. Phase 1b utility installation is set to begin the week of February 28th.

Retreats: Water main and water service installation is almost completed for the Retreats East with a tie in scheduled at the County Club for Monday the 5th of March. District staff is coordinating activities with the developer and will be replacing the County Club water meter prior to the tie in. This eliminates the need to shut off the water to the Country Club facility twice.

As part of the inspection and review process, it was determined that lift station 6B which conveys sewage from Unit Six (The Fairways) and the Retreats East and North development has insufficient capacity to convey existing storm influenced flows and the additional base flow that will come online with the completion of the Retreats development. District staff and Engineer met with K. Hovnanian representatives, and it was agreed that the developer will fund the updates to lift 6B per District engineering directive. So far, the capacity upgrade is envisioned to require an upsizing from two eleven horse power pumps to at least two fifteen hp pumps.

Taco Bell: All underground utilities have been installed except for fire flow tie in which will likely occur March 1st.

Circle K/Shell: Water and storm drain utilities still need to be tied in and above ground civil and mechanical construction is commencing.

5 CalCAD Agreement - Pending

MEMORANDUM

Date: February 24, 2022
To: Improvements Committee
From: Michael Fritschi, P.E. - Director of Operations
Subject: RFP Review Team Results for Water Treatment Chlorine Gas to Hypochlorite Project

RECOMMENDED ACTION

It is recommended that the Improvements Committee recommend to the Board for the General Manger to negotiate and sign a contract with HDR to perform engineering services on a time and materials basis not to exceed \$238,310, for the Water Treatment Facility Chlorine Gas to Hypochlorite Conversion Project.

BACKGROUND

The District has received \$1.3 million in SB 170 funding to complete (3) projects, the Water Treatment Facility conversion to sodium hypochlorite being one of them. This project was allotted roughly \$350,000 of the \$1.3 million.

The District put out a request for proposals on December 7, 2021 for Engineering services for the District water treatment facility disinfection system upgrade from chlorine gas to sodium hypochlorite. A total of (3) proposals were received by the deadline, January 24, 2022. The lowest pricing submitted from all RFP respondents to perform the design, was supplied by HDR which bid \$238,310 to complete the design work.

The design work includes preliminary design, design, bid assistance, and construction support. If all goes according to schedule, the District will be able to begin construction in the late fall/winter of 2022.

Once design is completed, a Probable Construction Cost Opinion will be rendered, and the project will be put out to bid. At this time the actual construction cost will be known. It is possible that additional funds will be needed to take this through construction. If this is the case, additional funds will come from reserves or another source such as a grant or new funding from the state.

RFP SCORING

The District received (3) proposals for design services for converting the Water Treatment Facility Chlorine Gas to Sodium Hypochlorite Conversion Project. The three firms that responded to the request for proposal were: **West Yost & Associates, HDR, and Dudek.**

A team of (5) was assembled to review the proposals consisting of a CSD Board member, the General Manager, the Director of Operations, the Chief Plant Operator, and a representative from the District Engineer's office.

The following scores were combined utilizing the averages of all scores for each criterion and each criteria weighting:

MASTER RFP Scoring Matrix for Water Treatment Facility Sodium Hypochlorite Design Services							
		Respondents (Score Respondants 0-10)					
		HDR		West Yost		Dudek	
Criteria	Criteria Weight	Av. Score	Total	Av. Score	Total	Av. Score	Total
1. Understanding of Scope of Work & Project Objectives	10	9	90	8.8	88	8	80
2. Project Approach	20	8.8	176	8.6	172	7.8	156
3. Quality of Overall Work Plan	5	8.6	43	6.8	34	7.4	37
4. Proposed Project Schedule for Timley Completion of Work	5	7.8	39	0	0	7	35
5. Company Experience Completing Similar Projects	10	9.6	96	7.2	72	7.4	74
6. Individual Team Member Experience Completing Similar Projects	10	9	90	7.6	76	7.6	76
7. Reference Quality - to be scored by one reviewer	5	8	40	10	50	0	0
		Totals:	574	Totals:	492	Totals:	458
Rank			1		2		3

Based on overall ranking HDR is in the lead position by 82 points or 17%

Additionally, pricing was ranked after the initial scoring was conducted. The pricing was fitted between a score of 5 and 10 based on the highest and lowest outlying proposals. When adding the price criteria to the proposals, the following scores were adjusted:

MASTER RFP Scoring Matrix for Water Treatment Facility Sodium Hypochlorite Design Services							
		Respondents (Score Respondants 0-10)					
		HDR		West Yost		Dudek	
Criteria	Criteria Weight	Score	Total	Score	Total	Score	Total
1. Understanding of Scope of Work & Project Objectives	10	9	90	8.8	88	8	80
2. Project Approach	20	8.8	176	8.6	172	7.8	156
3. Quality of Overall Work Plan	5	8.6	43	6.8	34	7.4	37
4. Proposed Project Schedule for Timley Completion of Work	5	7.8	39	0	0	7	35
5. Company Experience Completing Similar Projects	10	9.6	96	7.2	72	7.4	74
6. Individual Team Member Experience Completing Similar Projects	10	9	90	7.6	76	7.6	76
7. Reference Quality - to be scored by one reviewer	5	8	40	10	50	0	0
8. Pricing - to be ranked after items #1-7 are complete and fitted between 5-10 based on highest to lowest pricing.	35	10	350	9	315	5	175
		Totals:	924	Totals:	807	Totals:	633
Rank			1		2		3

Based on overall ranking HDR is recommended for the engineering services for the design of this project. HDR has an overall score of 924 and in first position by 117 points or 15%.

SUMMARY

This is an important project to the District, and It is recommended that the Improvements Committee request the Board approve the General Manger to negotiate and sign a contract with HDR to perform engineering services on a time and materials basis not to exceed \$238,310, for the Water Treatment Facility Chlorine Gas to Hypochlorite Conversion Project.