



**THIS MEETING WILL BE CONDUCTED WITH IN PERSON ATTENDANCE PERMITTED. THE CDC STILL RECOMMENDS MASKING FOR ALL INDIVIDUALS BUT IS NOT MANDATORY. PARTICIPATION WILL ALSO BE AVAILABLE VIA VIDEO CONFERENCE OR TELECONFERENCE.**

**TO PARTICIPATE IN THE MEETING VIA VIDEO OR TELECONFERENCE, GO TO <https://rainbowmwd.zoom.us/j/84694737361> OR CALL 1-669-900-6833 or 1-669-444-9171 or 1-719-359-4580 or 1-253-205-0468 or 1-253-215-8782 or 1-346-248-7799 or 1-301-715-8592 or 1-305-224-1968 or 1-309-205-3325 or 1-312-626-6799 or 1-360-209-5623 or 1-386-347-5053 or 1-507-473-4847 or 1-564-217-2000 or 1-646- 931-3860 or 1-689-278-1000 or 1-929-205-6099 (WEBINAR/MEETING ID: 846 9473 7361).**

MEMBERS OF THE PUBLIC WISHING TO SUBMIT WRITTEN COMMENT TO THE COMMITTEE UNDER PUBLIC COMMENT OR ON A SPECIFIC AGENDA ITEM MAY SUBMIT COMMENTS TO OUR BOARD SECRETARY BY EMAIL AT [DWASHBURN@RAINBOWMWD.COM](mailto:DWASHBURN@RAINBOWMWD.COM) OR BY MAIL TO 3707 OLD HIGHWAY 395, FALLBROOK, CA 92028. ALL WRITTEN COMMENTS RECEIVED **AT LEAST ONE HOUR IN ADVANCE OF THE MEETING** WILL BE READ TO THE COMMITTEE DURING THE APPROPRIATE PORTION OF THE MEETING. THESE PUBLIC COMMENT PROCEDURES SUPERSEDE THE DISTRICT'S STANDARD PUBLIC COMMENT POLICIES AND PROCEDURES TO THE CONTRARY.

**ENGINEERING AND OPERATIONS COMMITTEE MEETING**

**RAINBOW MUNICIPAL WATER DISTRICT  
Wednesday, February 1, 2023  
Engineering and Operations Committee Meeting - Time: 3:30 p.m.**

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<b>District Office</b>	<b>3707 Old Highway 395</b>	<b>Fallbrook, CA 92028</b>
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Notice is hereby given that the Engineering and Operations Committee will be holding a regular meeting beginning at 3:30 p.m. on Wednesday, February 1, 2023.

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**AGENDA**

- 1. CALL TO ORDER**
- 2. PLEDGE OF ALLEGIANCE**
- 3. ROLL CALL: Flint Nelson (Chair) \_\_\_\_\_ Steve McKesson \_\_\_\_\_ (Vice Chair)**  
**Members:** Helene Brazier \_\_\_\_\_ Robert Marnett \_\_\_\_\_ Mig Gasca \_\_\_\_\_  
Julie Johnson \_\_\_\_\_  
**Alternates:** Tracy Largent \_\_\_\_\_
- 4. INSTRUCTIONS TO ALLOW PUBLIC COMMENT ON AGENDA ITEMS FROM THOSE ATTENDING THIS MEETING VIA TELECONFERENCE OR VIDEO CONFERENCE**


**CHAIR TO READ ALOUD** - "If at any point, anyone would like to ask a question or make a comment and have joined this meeting with their computer, they can click on the "Raise Hand" button located at the bottom of the screen. We will be alerted that they would like to speak. When called upon, please unmute the microphone and ask the question or make comments in no more than three minutes.

Those who have joined by dialing a number on their telephone, will need to press \*6 to unmute themselves and then \*9 to alert us that they would like to speak.

A slight pause will also be offered at the conclusion of each agenda item discussion to allow public members an opportunity to make comments or ask questions."

5. SEATING OF ALTERNATES
6. ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)
7. PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA (Limit 3 Minutes)
- \*8. APPROVAL OF MINUTES
  - A. November 2, 2022
9. GENERAL MANAGER COMMENTS
10. ENGINEERING AND CIP PROGRAM MANAGER COMMENTS
11. OPERATIONS MANAGER COMMENTS
12. COMMITTEE MEMBER COMMENTS
13. BOARD ACTION UPDATES
14. APPOINTMENT OF CHAIRPERSON AND VICE CHAIRPERSON
15. METER ACCURACY AND WATER LOSS PRESENTATION (IT AND OPERATIONS)
- \*16. NOTICE OF COMPLETION FOR MALABAR RANCH DEVELOPMENT (ENGINEERING)
- \*17. NOTICE OF COMPLETION FOR CATHODIC PROTECTION FOR RAINBOW VALLEY BOULEVARD (ENGINEERING)
18. CIP UPDATE POWERPOINT (ENGINEERING)
- \*19. AS-NEEDED SERVICES EXPENDITURES SUMMARY
20. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING AND OPERATIONS COMMITTEE MEETING
21. ADJOURNMENT

**ATTEST TO POSTING:**

  
\_\_\_\_\_  
Pam Moss  
Secretary of the Board

1-26-23 @ 8:00 a.m.  
\_\_\_\_\_  
Date and Time of Posting  
Outside Display Cases

**MINUTES OF THE ENGINEERING AND OPERATIONS COMMITTEE MEETING  
OF THE RAINBOW MUNICIPAL WATER DISTRICT  
NOVEMBER 2, 2022**

1. **CALL TO ORDER** – The Engineering and Operations Committee Meeting of the Rainbow Municipal Water District on November 2, 2022, was called to order by Chairperson Nelson at 3:32 p.m. in the Board Room of the District, 3707 Old Highway 395, Fallbrook, CA 92028. *(All meetings are being held with in-person attendance following County and State COVID guidelines as well as virtually.)* Chairperson Nelson, presiding.

2. **PLEDGE OF ALLEGIANCE**

3. **ROLL CALL:**

**Present:** Member Nelson, Member Brazier *(arrived at 3:37 p.m. via teleconference)*, Member Marnett, Member Gasca *(arrived at 3:33 p.m.)*, Member Johnson.

**Also Present:** General Manager Kennedy, Executive Assistant Washburn, Operations Manager Gutierrez, Engineering and CIP Program Manager Williams, Project Manager Tamimi, Alternate Largent, Information Systems Specialist Espino.

**Absent:** Member McKesson.

**Also Present Via Teleconference or Video Conference:**

Grant Specialist Kim, Human Resources Manager Harp, Administrative Analyst Rubio, Risk Management Officer Esnard, Construction and Meters Supervisor Lagunas.

No members of the public were present in person, via teleconference or video conference.

4. **INSTRUCTIONS TO ALLOW PUBLIC COMMENT ON AGENDA ITEMS FROM THOSE ATTENDING THIS MEETING VIA TELECONFERENCE OR VIDEO CONFERENCE**

Mr. Nelson read aloud the instructions for those attending the meeting via teleconference or video conference.

5. **SEATING OF ALTERNATES**

There were no alternates seated.

6. **ADDITIONS/DELETIONS/AMENDMENTS TO THE AGENDA (Government Code §54954.2)**

There were no amendments to the agenda.

7. **PUBLIC COMMENT RELATING TO ITEMS NOT ON THE AGENDA (Limit 3 Minutes)**

There were no comments.

**\*8. APPROVAL OF MINUTES**

**A. October 5, 2022**

Mr. Marnett pointed out the word “semantics” on Page 8 of 25 should be “schematics”.

**Motion:**

**To approve the minutes as revised.**

**Action: Approve, Moved by Member Johnson, Seconded by Member Gasca.**

**Vote: Motion carried by unanimous vote (summary: Ayes = 5).**

**Ayes: Member Gasca, Member Johnson, Member Marnett, Member McKesson, Member Nelson.**

**Absent: Member Brazier**

**9. GENERAL MANAGER COMMENTS**

Mr. Kennedy provide a brief update on the recent LAFCO Special Advisory Committee meeting noting LAFCO has released a prospectus related to the detachment outlining where they are leaning toward in writing their report. He mentioned there were a few findings with which RMWD agrees as well as disagrees, including language that LAFCO law can supersede the County Water Authority Act for which lawyers are still working on putting forth their rationale. He pointed out it was found through the work of Dr. Hanemann that the water supply from Eastern Municipal Water District (EMWD) is reliable and sufficient.

Mr. Kennedy noted an idea was being put forward postulating that the impact of SDCWA’s Metropolitan Water District (MWD) voting rights could be an issue for which they proposed a possible solution which may be illegal according to the MWD Act in regard to voting rights. He said after RMWD staff reviewed MWD Board minutes to tabulate all the votes over the last ten years, it was found only one would have changed based on the proposed transfer of votes.

Mr. Kennedy pointed out LAFCO has postulated that they do believe there will be a financial impact to SDCWA should the detachment occur which LAFCO has tabulated to be \$12.8 million per year of loss of net revenue which LAFCO wants RMWD and FPUD to mitigate for a period of five years which totals \$64 million. He noted LAFCO does indicate the two pump stations (one for RMWD and one for FPUD) that have been in the planning stages since the late 1990’s for which both agencies have been paying will not have to be built by SDCWA. He stated SDCWA agreed they would save approximately \$40 million with not having to build these pump stations. He noted this amount should subtracted from the \$64 million but is still under review.

**Member Brazier joined the meeting at 3:37 p.m.**

Mr. Kennedy stated LAFCO has published the prospectus asking for comments to be submitted by November 30, 2022 at which point they will be preparing their final report. He noted LAFCO has tentatively scheduled the first hearing at the commission for the first Monday in February, 2023. He concluded with mentioning RMWD and FPUD will be preparing specific responses to this prospectus.

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Mr. Marnett stated it sounds as though it was close to SDCWA not being owed anything based on the calculations. Mr. Kennedy agreed noting all the arguments have been made related to this matter.

Mr. Nelson inquired as to how much money has been paid toward these two pump stations. Mr. Kennedy stated the storage charge since 2003 or 2004 totals approximately \$20-\$25 million. Mr. Nelson asked when staff looked at how much money has been paid for these assets, is the time value of money was considered. Discussion ensued.

## **10. ENGINEERING AND CIP PROGRAM MANAGER COMMENTS**

Mr. Williams reported the first of the two identical facility tours took place on November 1, 2022 thanking those who attended as well as the staff members who assisted with making it possible. He noted the next tour will be on November 10, 2022. He noted Ms. Johnson sent a thank you to staff for the tour.

Mr. Nelson echoed Ms. Johnson's thank you stating the tour was fun, educational, and a great deal was seen.

### Discussion returned from Item #11.

Mr. Gasca stated when each of the sites were visited, there was a great deal of brush and trees that should be cut back to allow the ability to drive around outside the fence. It was noted this was a constant battle and how contractors are hired to conduct weed abatement. Mr. Gasca inquired as to whether there were other local correctional institutions who have similar programs as the CDF had previously. Discussion ensued.

Mr. Gasca expressed concern with potential fire hazards at this site, especially with the oak tree located at Rainbow Heights. Mr. Williams agreed to look into this matter.

### Discussion went to Item #12.

## **11. OPERATIONS MANAGER COMMENTS**

Mr. Gutierrez reported the Gird Road project was wrapping up, the pressure reducing station on North River Road was currently in the water quality testing process, and tests for the heli-hydrant were conducted approximately two weeks ago without any complications.

Discussion ensued regarding the tests conducted at the heli-hydrant.

Mr. Nelson inquired as whether the two pressure reducing station valves being replaced are reusable for something else. Mr. Gutierrez answered they are not as he explained the removal process.

### Discussion returned to Item #10.

## **12. COMMITTEE MEMBER COMMENTS**

Mr. Marnett asked whether he should share the data he took for the RF field strength from the Sprint towers in writing or verbally. Mr. Kennedy stated in light of the new tower being proposed

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has gone by the wayside, it would be available for Mr. Marnett to share his findings with the committee at their December meeting.

Mr. Gutierrez clarified there have not been any further discussion regarding a second tank site.

Discussion went to Item #13.

### **13. BOARD ACTION UPDATES**

Mr. Williams reported the Board approved a Change Order to Kennedy Jenks in the amount of \$40,000 extending their contract to July 2023, an award for four Professional Services Agreements for on-call civil engineering services, an award for two Professional Services to provide on-call real estate services, approval for a letter of consent for the transfer of the cell site, as well as a contract awarded for the Sumac Communications Tower and Battery backup for which a schematic will be brought forward once the draft is complete.

Mr. Marnett suggested staff measure the power consumption of the Sumac site to determine the baseline from which work to start work.

Discussion ensued regarding the staircase installed at Hutton tank.

Discussion went to Item #14.

### **\*14. ON-CALL LAND SURVEYING SERVICES (ENGINEERING)**

Mr. Williams explained the committee was invited to assist staff in reviewing the proposals received; however, committee members did not participate in this one. He reported six proposals were received which were evaluated by staff. He noted three firms were selected with each being for a three-year term for \$100,000 and how these will be presented to the Board in December as part of the consent calendar.

Mr. Marnett inquired as to how the money is allocated. Ms. Largent answered the monies are charged to the project once the money is spent. Mr. Kennedy clarified these contracts are to have services available when a need arises as opposed to having to go through the whole procurement process each time.

#### ***Motion:***

***To recommend that the Board pursue Staff Recommendation Option 1 – Make a determination that the action defined herein does not constitute a “project” as defined by CEQA and authorize staff to award three (3) Professional Services Agreements in the amount of \$100,000 each to GIS Surveyors, KDM Meridian and Right-of-Way Engineering.***

***Action: Approve, Moved by Member Johnson, Seconded by Member Marnett.***

***Vote: Motion carried by unanimous roll call vote (summary: Ayes = 5).***

***Ayes: Member Brazier, Member Gasca, Member Johnson, Member Marnett, Member Nelson.***

***Absent: Member McKesson.***

Discussion went to Item #15.

**\*15. ON-CALL GEOTECHNICAL SERVICES (ENGINEERING)**

Mr. Williams reported staff received nine proposals for on-call geotechnical services of which three were being recommended.

***Motion:***

***To recommend that the Board adopt Staff Recommendation Option 1 – Make a determination that the action defined herein does not constitute a “project” as defined by CEQA and authorize staff to award three (3) Professional Services Agreements in the amount of \$100,000 each.***

***Action: Approve, Moved by Member Brazier, Seconded by Member Gasca.***

***Vote: Motion carried by unanimous roll call vote (summary: Ayes = 5).***

***Ayes: Member Brazier, Member Gasca, Member Johnson, Member Marnett, Member Nelson.***

***Absent: Member McKesson.***

*Discussion went to Item #16.*

**\*16. CO-02 HAZARD CONSTRUCTION (ENGINEERING)**

Mr. Williams mentioned Change Order 01 was originally proposed as a single change order from the contractor, Hazard Construction that exceeded the general manager’s signing authority; however, this one does not. He pointed out this matter goes back to when the County first proposed this project. He noted RMWD has two waterlines that are strapped to either side of the existing bridge which the County is redoing. He stated during original discussions with the County, the County’s plans showed RMWD’s two water lines going all the way across the pipes with straps that support everything else. He explained in follow up meetings, the County’s plans changed and some of that stuff was removed which is why RMWD went back out to bid and awarded the portion of work to Hazard Construction to reinstall 8” and 16” pipes across due to the County having reconsidered its position (regardless of what was in writing or discussed with RMWD) that this work would not be included as part of their project to which RMWD eventually agreed.

Mr. Williams explained after the job was awarded, all of the brackets were removed from the County’s portion of the work. He noted Change Order 02 will be for the brackets to be replaced, coating, welding, etc. all of which could have and should have been completed under the County’s contract but was not. He said when the contractor submitted an RFI asking to how the County wanted these affixed to the bridge as well as how they wanted them coated and painted. He pointed out the County’s plans does say “by others” which defers to RMWD. He noted all of this work needed to be done, an owner-driven change order, nor was contractor trying to find extra work to be done, but rather simply omitted in the several conversations with the County.

Mr. Williams stated when this Change Order came through, the engineering team researched all of the backup notes related to this matter and found it all to be legitimate, but not as time sensitive.

Mr. Marnett asked if all of the funds were going to the same company performing all the County work. Mr. Williams confirmed this was correct.

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Ms. Johnson stated it was her recommendation that this project be included in the next facilities tour. Mr. Williams explained this was not like other bridges; however, it was available to add to the list of stops.

Mr. Gasca said he was curious as to whether staff got the sense that the change/deletion was driven at the upper management level at the County. Mr. Williams stated he did not believe so based on the conversations being held with his and Mr. Gutierrez's counterparts at the County. He mentioned although the email exchanges were provided to the County that they sent to RMWD, the response was the County could see why RMWD may interpret it the way that they did; however, the County would not be doing it in the way RMWD thought.

Mr. Gasca inquired as to whether this matter was escalated at the County. Mr. Kennedy stated it was not due to the fact it would most like not get any type of traction. Mr. Williams added before going out to bid, RMWD asked the County to include the District's portion of work under their agreement so that an MOA could be drawn up to which the County responded this needed to be bid as RMWD's own separate CIP project; therefore, he does not believe it was escalated.

Ms. Johnson recommended continuing this item until a conversation can be had with the Supervisor since this was an impact to ratepayers. Mr. Williams noted when staff was in the process of negotiating the easements necessary for the Thoroughbred Lift Station Project and discussions were being held at staff level, the matter was escalated to Mr. Kennedy who reached out to Supervisor Desmond's office which did not make a difference.

Mr. Gasca stated he views this project in the same manner as the heli-hydrant project in terms of great coordination and synergy between agencies and how it should be the same in this case. Mr. Williams agreed the heli-hydrant was a great success; however, it was through different departments.

Ms. Johnson suggested matters like this need to be taken to the Supervisor's office in the future. She added it would be important to mention RMWD has been trying to work with the County at the time RMWD raises its rates. Mr. Williams pointed out this bridge is a covert crossing costing \$5.7 million plus RWMD's \$500,000 to replace. Ms. Johnson stated this was even more reason to take this to the Supervisor's office.

Mr. Gasca inquired to which contractor was assigned to this project. Mr. Williams stated Hazard Construction.

Mr. Nelson said although he reluctantly voted in favor of recommending this project being sole sourced to Hazard Construction, he was still inherently suspicious about everything that comes before this committee related to this contract. He noted although staff explained why fittings and brackets were not included in the original deal and staff has confirmed the costs for such have not been double up upon, he wanted to know if staff has gone into the marketplace to find out how much all of these components cost just to be sure RMWD is not being overcharged. Mr. Williams confirmed staff has conducted research into the costs and has found everything included in the documentation is legitimate. Discussion ensued.

Ms. Johnson inquired as to the timeframe for approving Change Order 02. Mr. Williams stated it was urgent since it exceeds the General Manager's spending authority and the Board not meeting again until December 6<sup>th</sup> at which time this will be considered and possibly approved. Ms. Johnson asked whether RMWD has a Memorandum of Understanding agreement that this is the final change. Mr. Kennedy stated it does not since it is never known when things come up.



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**Motion:**

***That the Board approve Staff Recommendation Option 1 – Authorize the General Manager to execute Change Order #2 to the Construction Contract with Hazard Construction Engineering in the amount of \$36,653.55, and make a determination that on April 26, 2022, the Board of Directors authorized the filing of a Notice of Determination with the San Diego County Clerk in accordance with Section 21152 of the California Public Resources Code and does not require additional analysis.***

***Action: Approve, Moved by Member Marnett, Seconded by Member Gasca.***

***Vote: Motion passed (summary: Ayes = 4, Noes = 1, Abstain = 0).***

***Ayes: Member Gasca, Member Johnson, Member Marnett, Member Nelson.***

***Noes: Member Brazier.***

***Absent: Member McKesson.***

Ms. Johnson stated she wanted it known that many of the committee members wanted to say no in regards to this matter as well, but it is a project that needs to get done. She asked that it be noted the committee would like to have a conversation with the elected County Supervisor after the mid-term elections regarding this matter as well as the concern as to what has transpired with this project. Discussion ensued.

**\*17. AS-NEEDED SERVICES EXPENDITURES SUMMARY**

There were no comments.

**18. LIST OF SUGGESTED AGENDA ITEMS FOR THE NEXT SCHEDULED ENGINEERING AND OPERATIONS COMMITTEE MEETING**

It was noted staff would notify the committee members should there not be any items to bring to the committee before it meets again in January.

**19. ADJOURNMENT**

***The meeting was adjourned by Member Nelson.***

The meeting adjourned at 4:29 p.m.

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**Flint Nelson, Committee Chairperson**

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**Dawn M. Washburn, Board Secretary**



## BOARD OF DIRECTORS

February 28, 2023

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### SUBJECT

NOTICE OF COMPLETION AND ACCEPTANCE OF INFRASTRUCTURE FOR MALABAR RANCH ESTATES BY MALABAR RANCH, LLC. (DIVISION 3)

### BACKGROUND

Malabar Ranch Estates was a proposed development of 34 Single Family Residences on Via Monserate and La Canada Road in Fallbrook located in Division 3. The development dates to the early 1980s with various developers and designers coming on board and ultimately leaving the project over the years. The District entered the Joint Agreement to Improve Major Subdivision County of San Diego Tract No. 4908-2 (Agreement) along with the County of San Diego (County) and Malabar Ranch, LLC., a California limited liability company (Owner) in October 2005. A total of 20 Single Family Residences of the proposed 34 were constructed and all the water and sewer pipelines were installed. However, shortly after completion of the project, the Owner passed away before the project could be finalized and accepted by the District. District Staff were finally able to locate Heirs of the Owner in 2019 and brought them up to speed on what was needed to close out the project. Several years passed before the final punch list items were complete. The project is now one hundred percent complete and ready to be accepted by the District.

### DESCRIPTION

The facilities for the Malabar Ranch Estates have been constructed per the approved plans and specifications, inspected, tested according to the District's specifications and are ready for acceptance. Upon acceptance by the Board, the improvements become part of the District's water and wastewater systems and staff takes over operation and maintenance. The release of Payment and Performance bonds will be coordinated through the County of San Diego in accordance with the Joint Use Agreement between the County, District, and Developer. Installation costs of \$1,128,075 will be added to the District's Total Valuation along with all other costs associated with the project. Because this project has lingered for so long, the District will not require the Owner or its Heirs to maintain a one-year warranty. Once accepted, the District will take ownership effective immediately.

### POLICY/STRATEGIC PLAN KEY FOCUS AREA

Strategic Focus Area Two: Asset Management. In addition to maintaining the physical condition of the District's existing Infrastructure, it is important to ensure that all new infrastructure is properly accepted administratively and incorporated into the District's records.

### ENVIRONMENTAL

In accordance with the California Environmental Quality Act (CEQA) guidelines Section 15378, the action before the Board of filing a Notice of Completion and accepting facilities, does not constitute a "project" as defined by CEQA and further environmental review is not required at this time.

## **BOARD OPTIONS/FISCAL IMPACTS**

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The construction costs of the improvements, totaling \$1,128,075 will be added to the District's asset valuation under project number 700030. The final amount of other costs associated with the project will be added to the District's asset valuation once year end financials have been completed.

### Option 1:

- Accept the Malabar Ranch Estates Improvements as complete and as shown on the approved plans
- Approve Filing the Notice of Completion
- Add installation costs of \$1,128,075 to the District's valuation
- Make a finding that the action herein does not constitute a "project" as defined by CEQA

### Option 2:

- Provide other direction to staff

## **STAFF RECOMMENDATION**

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Staff recommends Option 1.

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Chad Williams  
Engineering and CIP Program  
Manager

2/28/2023

## BOARD OF DIRECTORS

February 28, 2023

### SUBJECT

NOTICE OF COMPLETION AND ACCEPTANCE OF THE RAINBOW VALLEY BLVD CATHODIC PROTECTION PROJECT (DIVISION 5)

### BACKGROUND

Cathodic protection is the process of protecting a metal pipeline by connecting it to a sacrificial metal or anode and allowing the anode to corrode in place of the pipe. Larger pipelines are better protected by adding an external power source to the system known as impressed current. The external power source or impressed current drives the electrochemical reaction needed to protect the pipelines.

In January of 2019, the Board of Directors (Board) awarded a professional services agreement to HDR consulting firm to develop a District-wide corrosion protection program. The need to develop a program was based on the findings of the condition assessment for District water facilities, specifically water pipelines. The condition assessment concluded that there is a correlation between leaks and the presence of both high-water pressures and highly corrosive soils. By instituting a corrosion protection program, the deterioration of pipes could be slowed and extend the useful life of existing infrastructure. The corrosion protection program report was completed in the summer of 2020 and provided District staff with guidance on how to implement cathodic protection for the District's metal water pipelines.

Staff identified a pipeline from Rainbow Heights Pump Station along 8th Street to Rainbow Valley Blvd Pump Station as a suitable pilot project for the program. The District hired Corpro Companies, Inc., a local firm specializing in cathodic protection, to design the project. The design and bid package were finished in October of 2021.

### DESCRIPTION

The Board of Directors authorized the General Manager to execute a contract for the Rainbow Valley Blvd Cathodic Protection project on December 7, 2021, for \$524,703.14 with Farwest Corrosion Control Company (Farwest). Farwest completed the project within the allocated final budget of \$524,703.14. There were zero (0) change orders on the project. The project is now complete and has been built to the District's standards and specifications.

Facilities constructed and ready for acceptance include the following:

Two (2) impressed current rectifiers, six (6) shallow well anode beds, five (5) cathodic protection test stations and insulating flanges at the Rainbow Hills and Rainbow Heights pump stations.

### POLICY/STRATEGIC PLAN KEY FOCUS AREA

Strategic Focus Area Two: Asset Management. Installation of cathodic protection on existing pipeline will extend the pipelines useful life by protecting it from further corrosion.

## **ENVIRONMENTAL**

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On December 7, 2021, the District's Board of Directors made a finding that the Rainbow Valley Blvd Cathodic Protection Project qualified for Class 1, Existing Facilities Exemption from California Environmental Quality Act (CEQA). State CEQA Guidelines Section 15301 (Class 1) consists of the operation, repair, maintenance, or minor alteration of existing public or private structures, facilities involving no expansion of existing or former use. The Class 1 Exemption was filed with the County of San Diego and uploaded to the State Clearinghouse. No further action is required.

## **BOARD OPTIONS/FISCAL IMPACTS**

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The construction costs of the improvements will be added to the District's asset valuation. The project was completed within budget and without any change orders.

1) Option 1:

- Accept the Rainbow Valley Blvd Cathodic Protection Project
- Approve filing the Notice of Completion
- Add installation costs to the District's total valuation
- Release the Payment Bond in the amount of \$524,703.14
- Release 90% of the Performance Bond in the amount of \$472,232.83
- Retain 10% of the Performance Bond in the amount of \$52,470.31 as the warranty bond for one (1) year
- Make a determination that the action identified herein was sufficiently analyzed as qualifying for a Class 1 Exemption and adopted by the Board of Directors at the December 7, 2021 Board Meeting and does not require any additional action

2) Option 2:

- Provide other direction to staff

## **STAFF RECOMMENDATION**

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Staff recommends Option 1.

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Chad Williams  
Engineering and CIP Program Manager

February 28, 2023

**AS-NEEDED CONTRACT EXPENDITURES REPORT  
JANUARY 2023**

CONTRACT INFO	FUND SOURCE	ASSIGN. NO.	STATUS	DATED	DESCRIPTION	CONTRACT AMOUNT	AUTHORIZED ASSIGNMENT	INVOICED TO DATE
<b>Title: On-Call Civil Engineering Services, PSA #22-25   Firm: Ardurra   Expires: 11/2/25   CCO:</b>								
CONTRACT AMOUNT:						\$ 150,000		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 150,000.00	\$ -	
						<b>TOTALS:</b>	\$ 150,000	\$ 150,000.00 \$ -
<b>Title: On-Call Civil Engineering Services, PSA #22-26   Firm: Dexter Wilson Eng.   Expires: 11/2/22   CCO:</b>								
CONTRACT AMOUNT:						\$ 150,000.00		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 150,000.00	\$ -	
						<b>TOTALS:</b>	\$ 150,000	\$ 150,000.00 \$ -
<b>Title: On-Call Civil Engineering Services, PSA #22-27   Firm: Harris &amp; Assoc.   Expires: 11/2/25   CCO:</b>								
CONTRACT AMOUNT:						\$ 150,000		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 150,000.00	\$ -	
						<b>TOTALS:</b>	\$ 150,000	\$ 150,000.00 \$ -
<b>Title: On-Call Civil Engineering Services, PSA #22-28   Firm: Water Works Engineers   Expires: 11/2/25   CCO:</b>								
CONTRACT AMOUNT:						\$ 150,000		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 150,000.00	\$ -	
						<b>TOTALS:</b>	\$ 150,000	\$ 150,000.00 \$ -
<b>Title: On-Call Real Estate Services, PSA #22-29   Firm: Anderson &amp; Brabant   Expires: 11/3/25   CCO:</b>								
CONTRACT AMOUNT:						\$ 50,000		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 50,000.00	\$ -	
						<b>TOTALS:</b>	\$ 50,000	\$ 50,000.00 \$ -
<b>Title: On-Call Real Estate Services, PSA #22-30   Firm: Epic Land Solutions   Expires: 11/3/25   CCO:</b>								
CONTRACT AMOUNT:						\$ 50,000		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 50,000.00	\$ -	
						<b>TOTALS:</b>	\$ 50,000	\$ 50,000.00 \$ -
<b>Title: On-Call Land Surveying Services, PSA #22-33   Firm: GIS Surveyors, Inc. (GSI)   Expires: 1/3/2026   CCO:</b>								
CONTRACT AMOUNT:						\$ 100,000		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 100,000.00	\$ -	
						<b>TOTALS:</b>	\$ 100,000	\$ 100,000.00 \$ -
<b>Title: On-Call Land Surveying Services, PSA #22-34   Firm: KDM Meridian   Expires: 1/3/2026   CCO:</b>								
CONTRACT AMOUNT:						\$ 100,000		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 100,000.00	\$ -	
						<b>TOTALS:</b>	\$ 100,000	\$ 100,000.00 \$ -
<b>Title: On-Call Land Surveying Services, PSA #22-35   Firm: Right-of-Way Eng.   Expires: 1/3/2026   CCO:</b>								
CONTRACT AMOUNT:						\$ 100,000		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 100,000.00	\$ -	
						<b>TOTALS:</b>	\$ 100,000	\$ 100,000.00 \$ -
<b>Title: On-Call Geotechnical Services, PSA #22-36   Firm: Atlas Tech Consultants   Expires: 1/6/2026   CCO:</b>								
CONTRACT AMOUNT:						\$ 100,000		
<b>NEW CONTRACT</b>		2023-__						
					Unspecified	\$ 100,000.00	\$ -	
						<b>TOTALS:</b>	\$ 100,000	\$ 100,000.00 \$ -

**AS-NEEDED CONTRACT EXPENDITURES REPORT  
JANUARY 2023**

CONTRACT INFO	FUND SOURCE	ASSIGN. NO.	STATUS	DATED	DESCRIPTION	CONTRACT AMOUNT	AUTHORIZED ASSIGNMENT	INVOICED TO DATE
<b>Title: On-Call Geotechnical Services, PSA #22-37   Firm: Leighton Consultants   Expires: 1/6/2026   CCO:</b>								
<b>CONTRACT AMOUNT:</b>						<b>\$ 100,000</b>		
<b>NEW CONTRACT</b>		2023-___						
					Unspecified	\$ 100,000.00	\$ -	
<b>TOTALS:</b>						<b>\$ 100,000</b>	<b>\$ 100,000.00</b>	<b>\$ -</b>
<b>Title: On-Call Geotechnical Services, PSA #22-38   Firm: Ninyo &amp; Moore   Expires: 1/6/2026   CCO:</b>								
<b>CONTRACT AMOUNT:</b>						<b>\$ 100,000</b>		
<b>NEW CONTRACT</b>		2023-___						
					Unspecified	\$ 100,000.00	\$ -	
<b>TOTALS:</b>						<b>\$ 100,000</b>	<b>\$ 100,000.00</b>	<b>\$ -</b>
<b>Title: As-Needed Construction Management &amp; Insp. Services, PSA #20-01   Firm: Harris &amp; Associates   Expires: 1/28/23   CO-01 \$20K BoD 6/22/21.</b>								
<b>CONTRACT AMOUNT:</b>						<b>\$ 170,000</b>		
	CIP	2022-05	Open	1/6/2022	Continued District Wide Inspection Services.	\$ 20,000.00	\$ -	
					Unspecified	\$ 12,730.00	\$ -	
<b>TOTALS:</b>						<b>\$ 170,000</b>	<b>\$ 170,000.00</b>	<b>\$ 133,782.84</b>
<b>Title: As-Needed Construction Management &amp; Insp. Services, PSA #20-02   Firm: Reilly Construction Mmnt.   Expires: 1/28/23   CO-01 (\$100K) BoD 6/22/21.</b>								
<b>CONTRACT AMOUNT:</b>						<b>\$ 50,000</b>		
					Unspecified	\$ 50,000.00	\$ -	
<b>TOTALS:</b>						<b>\$ 50,000</b>	<b>\$ 50,000.00</b>	<b>\$ -</b>
<b>Title: As-Needed Environmental Services, PSA #20-03   Firm: Helix Environmental   Expires: 2/25/23   CO-01 \$110 BoD 6/22/21, CO-02 \$115K BoD 12/7/21.</b>								
<b>CONTRACT AMOUNT:</b>						<b>\$ 325,000</b>		
	CIP	2020-01	Closed	5/13/2020	Pipeline Upgrade Project - Disney Lane - Cultural/ Biological Evals.	\$ 9,148.00	\$ 5,804.56	
	CIP	2020-02	Closed	5/13/2020	Pipeline Upgrade Project - Via Vera - Cultural/Biological Evals.	\$ 9,155.00	\$ 4,446.37	
	CIP	2020-03	Closed	5/14/2020	Pipeline Upgrade Project - Hutton Pump Station - Cultural/Biological Evals.	\$ 13,209.00	\$ 6,793.54	
	CIP	2020-04	Closed	5/14/2020	Pipeline Upgrade Project - Turner Pump Station - Cultural/Biological Evals.	\$ 13,209.00	\$ 7,683.26	
	CIP	2020-05	Closed	7/16/2020	North River Road Sewer Points Repair - Biological Survey.	\$ 3,900.00	\$ 3,136.05	
	CIP	2020-06	Closed	9/10/2020	Gopher Canyon Water Pipeline Impv. Project - CEQA IS/MND.	\$ 34,695.00	\$ 31,363.46	
	CIP	2021-07	Closed	3/25/2021	Rainbow Heights Pipe Installation - Bird Survey.	\$ 5,000.00	\$ 808.80	
	CIP	2021-08	Open	5/21/2021	RMWD HQ - Biological Survey & Buffer Mapping.	\$ 11,684.00	\$ 7,771.25	
	CIP	2021-09	Open	11/16/2021	CIP General Environmental Support Services	\$ 25,000.00	\$ 4,487.50	
	CIP	2021-10	Open	11/30/2021	Hutton & Turner Pump Stations - Cultural, Biological, Noise Reports. CEQA - IS/MND.	\$ 46,603.00	\$ 28,504.82	
	CIP	2021-11	Open	12/8/2021	Rice Canyon Pipeline - Cultural & Tribe Monitoring	\$ 111,400.00	\$ 48,148.09	
	CIP	2022-12	Open	1/10/2022	LS-1 Environmental Compliance	\$ 48,798.00	\$ 22,286.11	
					Unspecified	\$ (6,801.00)	\$ -	
<b>TOTALS:</b>						<b>\$ 325,000</b>	<b>\$ 325,000.00</b>	<b>\$ 171,233.81</b>
<b>Title: As-Needed Environmental Services, PSA #20-04   Firm: Rincon Consultants   Expires: 2/25/23   CO-01 \$(15K) BoD 6/22/21.</b>								
<b>CONTRACT AMOUNT:</b>						<b>\$ 85,000</b>		
	NON-CIP	2022-02	Open	3/3/2022	Nesting Bird Survey at Gopher, Morro and Canonta tanks, prior to tree/vegetation clearing.	\$ 4,185.25	\$ 3,394.85	
	NON-CIP	2022-03	Open	8/16/2022	Morro Pump Station Tree Clearing - Nesting Bird Survey	\$ 2,785.50	\$ 1,013.63	
					Unspecified	\$ 74,789.25	\$ -	
<b>TOTALS:</b>						<b>\$ 85,000</b>	<b>\$ 85,000.00</b>	<b>\$ 7,643.23</b>
<b>Title: As-Needed Environmental Services, PSA #20-05   Firm: Michael Baker International   Expires: 3/24/23   CO-01 (15K) BoD 6/22/21.</b>								
<b>CONTRACT AMOUNT:</b>						<b>\$ 85,000</b>		
					Unspecified	\$ 85,000.00	\$ -	
<b>TOTALS:</b>						<b>\$ 85,000</b>	<b>\$ 85,000.00</b>	<b>\$ -</b>