



# Santa Clara Valley Water District Capital Improvement Program Committee Meeting

Zoom Teleconference

## REGULAR MEETING AGENDA

**Monday, September 20, 2021  
11:00 AM**

**District Mission: Provide Silicon Valley safe, clean water for a healthy life, environment and economy.**

**BOARD COMMITTEE MEMBERS:**

Committee Chair:  
Director Nai Hsueh, District 5

Committee Vice Chair:  
Director Linda J. LeZotte, District 4

Tony Estremera, District 6

During the COVID-19 restrictions, all public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body, will be available to the public through the legislative body agenda web page at the same time that the public records are distributed or made available to the legislative body. Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to participate in the legislative body's meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

**COMMITTEE LIAISON:**  
Jessica Collins

**COMMITTEE CLERK:**  
Natalie Dominguez, CMC  
Assistant Deputy Clerk II  
408-265-2659  
ndominguez@valleywater.org  
www.valleywater.org

**Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.**

**Santa Clara Valley Water District**  
**Capital Improvement Program Committee**  
**REGULAR MEETING**  
**AGENDA**

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Monday, September 20, 2021

11:00 AM

Zoom Teleconference

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**IMPORTANT NOTICES**

This meeting is being held in accordance with the Brown Act as currently in effect under the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-08-21 issued on June 11, 2021, that allows attendance by members of the Committee, staff, and the public to participate and conduct the meeting by teleconference, videoconference, or both.

Members of the public wishing to address the Committee during a video conferenced meeting on an item not listed on the agenda, or any item listed on the agenda, should use the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in the order requests are received and granted speaking access to address the Committee.

Santa Clara Valley Water District (Valley Water) in complying with the Americans with Disabilities Act (ADA), requests individuals who require special accommodations to access and/or participate in Valley Water Committee meetings to please contact the Clerk of the Board's office at (408) 630-2711, at least 3 business days before the scheduled meeting to ensure that Valley Water may assist you.

This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has not been prepared with a view to informing an investment decision in any of Valley Water's bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of Valley Water's bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System for municipal securities disclosures and Valley Water's Investor Relations website, maintained on the World Wide Web at <https://emma.msrb.org/> and <https://www.valleywater.org/how-we-operate/financebudget/investor-relations>, respectively.

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**Join Zoom Meeting:**  
**<https://valleywater.zoom.us/j/94158013374>**  
**Meeting ID: 941 5801 3374**  
**Phone In: 1 (669) 900-9128, 94158013374#**

**1. CALL TO ORDER:**

1.1. Roll Call.

**2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA.**

*Notice to the Public: Members of the public who wish to address the Committee on any item not listed on the agenda should access the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in order requests are received and granted speaking access to address the Committee. Speakers comments should be limited to three minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Committee may take action on any item of business appearing on the posted agenda.*

**3. APPROVAL OF MINUTES:**

3.1. Approval of August 16, 2021 Meeting Minutes.

[21-0984](#)

Recommendation: Approve the minutes.

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 081621 CIP Committee Minutes](#)

Est. Staff Time: 5 Minutes

**4. ACTION ITEMS:**

- 4.1. Review Capital Project Monitoring - Construction Report. [21-0967](#)  
Recommendation: Receive and discuss information regarding the status of capital projects in the construction phase.  
Manager: Heath McMahon, 408-630-3126  
Christopher Hakes, 408-630-3796  
Rechelle Blank, 408-630-2615  
Mike Cook, 408-630-2424  
Attachments: [Attachment 1: Capital Project Monitoring - Construction](#)  
Est. Staff Time: 15 Minutes
- 4.2. Coyote Pumping Plant Adjustable Speed Drives Replacement Project Update. [21-0949](#)  
Recommendation: Receive update on the Coyote Pumping Plant Adjustable Speed Drives Replacement Project.  
Manager: Heath McMahon, 408-630-3126  
Attachments: [Attachment 1: PowerPoint](#)  
Est. Staff Time: 10 Minutes
- 4.3. Receive Information on Consultant Agreement Amendments for Capital Projects. [21-0963](#)  
Recommendation: Receive information on consultant agreement amendments for capital projects.  
Manager: Heath McMahon, 408-630-3126  
Rechelle Blank, 408-630-2615  
Est. Staff Time: 5 Minutes
- 4.4. Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [21-0966](#)  
Recommendation: Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.  
Manager: Christopher Hakes, 408-630-3796  
Attachments: [Attachment 1: ADTP Contract Change Orders Report](#)  
Est. Staff Time: 5 Minutes
- 4.5. Review 2021 Capital Improvement Committee Work Plan. [21-0968](#)  
Recommendation: Review the 2021 Capital Improvement Program Committee Work Plan and make adjustments as necessary.  
Manager: Michele King, 408-630-2711  
Attachments: [2021 CIP Committee Work Plan 090821](#)  
Est. Staff Time: 5 Minutes

**5. INFORMATION ITEMS:**

**6. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.**

*This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.*

**7. ADJOURN:**

7.1. Adjourn to Regular Meeting at 11:00 a.m., on October 18, 2021, to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-08-21.

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# Santa Clara Valley Water District

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**File No.:** 21-0984

**Agenda Date:** 9/20/2021  
**Item No.:** 3.1.

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## COMMITTEE AGENDA MEMORANDUM

### Capital Improvement Program Committee

**SUBJECT:**

Approval of August 16, 2021 Meeting Minutes.

**RECOMMENDATION:**

Approve the minutes.

**SUMMARY:**

In accordance with the Ralph M. Brown Act, a summary of Committee discussions, and details of all actions taken by the Capital Improvement Program Committee, during all open and public Committee meetings, is transcribed and submitted to the Committee for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into the Committee's historical record archives, and serve as the official historical record of the Committee's meeting.

**ATTACHMENTS:**

Attachment 1: 081621 CIP Committee Minutes

**UNCLASSIFIED MANAGER:**

Michele King, 408-630-2711

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**CAPITAL IMPROVEMENT PROGRAM COMMITTEE MEETING**

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**MINUTES**

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**MONDAY, AUGUST 16, 2021  
11:00 AM**

(Paragraph numbers coincide with agenda item numbers)

**1. CALL TO ORDER:**

A regular meeting of the Santa Clara Valley Water District (Valley Water) Capital Improvement Program Committee (Committee) was called to order via Zoom video teleconference at 11:00 a.m.

**1.1 Roll Call.**

Committee members in attendance via Zoom teleconference were District 4 Director Linda LeZotte and District 6 Director Tony Estremera. Committee members in attendance at District Headquarters, Board Conference Room A-214 were District 5 Director Nai Hsueh, Chairperson presiding, constituting a quorum of the Committee.

Staff members in attendance were District Counsel C. Orellana, J. Aranda, A. Baker, L. Bankosh, S. Berning, R. Blank, J. Bourgeois, J. Codianne, J. Collins, M. Cook, S. Ferranti, A. Fraumeni, M. Ganjoo, C. Hakes, C. Kwok-Smith, J. Martin, H. McMahon, L. Orta, S. Peters, M. Potter, M. Richardson, D. Taylor, S. Tippets, G. Williams, K. Wong, and T. Yoke

Public attendees: Mr. W. Sherman, San Jose resident.

**2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA**

Chairperson Hsueh declared time open for public comment on any item not on the agenda. There was no one present who wished to speak.

**3. APPROVAL OF MINUTES****3.1. Approval of July 18, 2021 Meeting Minutes.**

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the July 19, 2021 Capital Improvement Program Committee meeting. It was moved by Director Tony

Estremera, seconded by Director Linda LeZotte, and unanimously carried that the minutes be approved as presented.

#### 4. ACTION ITEMS

##### 4.1. Review Capital Project Monitoring – Design and Permitting Report.

Recommendation: Receive and discuss information regarding the status of capital projects in the design and permitting phase.

Chairperson Nai Hsueh reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1 were reviewed by staff as follows: Mr. Chris Hakes, Deputy Operating Officer reviewed Water Supply Items 1 and 2, Mr. Heath McMahon, Deputy Operating Officer reviewed Water Supply Items 3 through 12, Ms. Rechelle Blank, Deputy Operating Officer, reviewed Flood Protection items 11 through 21.

During the presentation, the Committee made the following requests of staff:

Regarding Item 1, Anderson Dam Seismic Retrofit: The Committee requested to receive regular status reports on mitigation projects related to the Federal Energy Regulatory Commission Order Compliance Project (FOCP).

Regarding Item 3, Coyote Pumping Plant ASD Replacement: The Committee requested staff re-evaluate the project with regard to the design/build RFQ/RFP process and return with a revised recommendation.

##### 4.2. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

Recommendation: Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

Mr. Hakes reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1. Mr. Hakes reported there were no change orders to the Anderson Dam Tunnel Project Construction Contract for the previous period, and reviewed the report template developed to present change order information in the future.

The Committee noted the information without formal action.

##### 4.3. Receive information on Consultant Agreement Amendments for Capital Projects.

Recommendation: Receive information on consultant agreement amendments for capital projects.

Ms. Rechelle Blank, Deputy Operating Officer, reviewed the information on this item, per the attached Committee Agenda Memo. Staff will recommend approval

of Amendment No. 7 to Agreement No. A3583A with Horizon Water and Environment, LLC, for Environmental Services for the Sunnyvale East/West Channel Flood Protection project to extend the expiration date of the Agreement from October 31, 2021 to December 31, 2023. The Project is delayed due to finalizing an agreement with Google, whereby Google will construct an approximately 1,100 linear foot portion of the Project with a modified floodplain design. Valley Water staff is currently preparing an Addendum to the project EIR to include the proposed Google Project modification. Consultant services may be needed to finalize the Addendum and assist staff with acquiring regulatory permits. Therefore, an extension to the agreement is necessary.

The Committee supported staff's recommendation for approval of Amendment No. 7 to Agreement No. A3583A with Horizon Water and Environment, LLC to extend the expiration date of the Agreement from October 31, 2021 to December 31, 2023.

4.4. Review 2021 Capital Improvement Committee Work Plan.

Recommendation: Review the 2021 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

Chairperson Hsueh reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1.

The Committee noted the information, without formal action.

**5. INFORMATION ITEMS.**

Chairperson Hsueh reported that Valley Water will move forward with using Project Labor Agreements for future projects when applicable.

**6. CLERK'S REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS AND RECOMMENDATIONS:**

Ms. Natalie Dominguez, Assistant Deputy Clerk II, read the new Committee Recommendations and Requests into the record, as follows:

Regarding Item 4.1:

- Regarding Item 1, Anderson Dam Seismic Retrofit: The Committee requested to receive regular status reports on mitigation projects related to the Federal Energy Regulatory Commission Order Compliance Project (FOCP).
- Regarding Item 3, Coyote Pumping Plant ASD Replacement: The Committee requested staff re-evaluate the project with regard to the design/build RFQ/RFP process and return with a revised recommendation.

Regarding Item 4.3:

The Committee supported staff's recommendation for approval of Amendment No. 7 to Agreement No. A3583A with Horizon Water and Environment, LLC to extend the expiration date of the Agreement from October 31, 2021 to December 31, 2023.

**7. ADJOURN**

Chairperson Hsueh adjourned the meeting at 11:56 a.m., to the next scheduled meeting at 11:00 a.m., on September 20, 2021, via Zoom teleconference.

Natalie F. Dominguez, CMC  
Assistant Deputy Clerk II

Approved:



# Santa Clara Valley Water District

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**File No.:** 21-0967

**Agenda Date:** 9/20/2021  
**Item No.:** 4.1.

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## COMMITTEE AGENDA MEMORANDUM

### Capital Improvement Program Committee

**SUBJECT:**

Review Capital Project Monitoring - Construction Report.

**RECOMMENDATION:**

Receive and discuss information regarding the status of capital projects in the construction phase.

**SUMMARY:**

The 2021 Work Plan for the Board Capital Improvement Program Committee (Committee) includes monitoring of capital projects during all phases of development. Staff will present a list of active projects at each Committee meeting and provide detailed information on those where potential and/or significant issues have been identified. The projects presented for discussion will be organized by phases: planning/feasibility; design; and construction. Staff will present projects to the Committee for review one phase at a time. Projects currently in the construction phase are being presented at this Committee meeting. Other attachments may be included to provide more detail on other items associated with these projects.

Attachment 1 is a list of projects in the construction phase. A verbal report will be provided at the meeting with more detailed information about recent developments on the projects listed in Attachment 1.

**ATTACHMENTS:**

Attachment 1: Capital Project Monitoring - Construction

**UNCLASSIFIED MANAGER:**

Heath McMahon, 408-630-3126  
Christopher Hakes, 408-630-3796  
Rechelle Blank, 408-630-2615  
Mike Cook, 408-630-2424

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**Capital Project Monitoring Report - July 2021**

**CM Services**

**Construction Phase**

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	In house	External	Combination
<b>Water Supply</b>						
1	91864005	C1: Anderson Dam Seismic Retrofit Project	The Anderson Dam Tunnel Project (ADTP) construction contract was awarded by the Board on April 27, 2021 to Flatiron Construction Company. After the pre-construction meeting on May 19th, the Notice to Proceed was issued on May 28, with the 1st Chargeable Day on June 28. Currently the contractor is working on the early/initial submittals. The groundbreaking ceremony was held on July 7, 2021.			X
2	91234011	Coyote Warehouse	Construction of 21,600 square-foot building and associated site improvements (Stage 1) is complete. The Board accepted the work on April 13, 2021. Stage 2 consists of vegetation maintenance which is ongoing through April 2023.	X		
3	93294057	Rinconada WTP Reliability Improvement	The construction contract for the Interim Site Restoration Project, consisting of mostly paving and minor mechanical work, was awarded by the Board on June 22, 2021. The Notice to Proceed was issued on July 14 and construction completion is anticipated in Spring 2022. Preconstruction activities are underway.	X		
4	93294058	RWTP Residuals Remediation Project	Construction contract was awarded by the Board on July 13, 2021. The Notice to Proceed was issued on August 5 and construction completion is anticipated in Spring 2023. Preconstruction activities are underway.	X		
5	91214010	Pacheco Pumping Plant Priority 1 Fire Alarm & Suppression System Improvement	Construction contract was awarded in September 2020 and is near completion. Determination was made during testing of the various systems that additional fire dampners are required, which are scheduled to to be installed September 2021.	X		
6	93764004	Santa Teresa Water Treatment Plant Air Wash Pipeline Replacement Project	Construction contract was awarded in October 2020. The first half of plant shutdown required to accommodate work for the east side of the plant was completed early April 2021. The remaining improvement work for the west side of the plant is scheduled for a planned half-plant shutdown to begin mid-October 2021.	X		
7	95084002	10-Year Pipeline Inspection and Rehabilitation Project (Central and Parallel East Pipelines)	Construction contract was awarded in October 2020. Central Pipeline was out of service to accommodate rehabilitation work from January 3, 2021 to April 2, 2021 and is currently back in service. The following milestones have been completed: visual and electromagnetic inspections, installation of the acoustic fiber optic monitoring cable, replacement of appurtenances on the pipeline, and repairs to mortar and joints at over 350 locations. Parallel East Pipeline's vent piping has been installed. Contractor is currently working on the raw water turnouts along Central Pipeline and other miscellaneous maintenance work such as installing new ladders, coating, and manhole replacement. Due to the unavailability of labor and various materials resulting from the pandemic, the manufacture and delivery of three custom valves has be delayed. Staff is evaluating and working to minimize the impacts of these material delays.	X		
<b>Flood Protection</b>						
8	26154002	E8: Upper Guadalupe River Reach 6	This is a gravel augmentation project to improve fish habitat in Reach 6. The construction contract was awarded on June 8, 2021; the Notice to Proceed on July 12 and construction activities are underway.	X		
9	26244001	Other 2012 SCW: Permanente Creek, SF Bay to Foothill Expressway	Construction of channel work was completed in January, 2019; Construction at McKelvey Park was completed in June 2020; Construction of Rancho San Antonio Park Flood Detention Basin was completed in June 2021 and the three-year plant establishment phase is underway.			X
10	26174051 26174052	E6: Upper Llagas Creek Flood Protection Project, Phase I and Phase 2A	Phase I in-channel improvements is underway with completion scheduled for October 2021; a three-year plant establishment phase will follow. Construction contract for Phase 2A was awarded on April 13, 2021 and construction is underway.	Phase 1	Phase 2A	

**Capital Project Monitoring Report - July 2021**

**CM Services**

**Construction Phase**

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	In house	External	Combination
11	40174005	Other 2012 SCW: Berryessa Creek, Lower Penitencia Creek to Calaveras Blvd, Phase 2	Flood protection improvements and mitigation planting for the Lower Berryessa Creek Phase 2 project were completed in July 2020. The revegetation plant establishment phase of the contract is in progress and will continue to 2023. The construction contract for the Lower Calera Creek portion was awarded on June 8, 2021. The Notice to Proceed was issued on June 14 and construction is underway. Staff is currently evaluating the impacts of a recently identified design conflict associated with a portion of the proposed floodwalls.	Lower Calera Creek	X	X
12	40264008s	Lower Silver Creek, I-680 to Cunningham (Reach 4-6)	The revegetation plant establishment phase of the contract was completed in December 2020. The Board accepted the work and directed filing of the Notice of Completion in January 2021. As part of FEMA's Community Technical Partners Program, floodplain remapping information was submitted to FEMA on December 20, 2019. In addition, a Letter of Map Revision package was submitted to FEMA in March 2020. FEMA approved the LOMR in late June 2021. The new FEMA floodplain maps are now undergoing a 4-month public review period before they can become effective.	X		
13	40264011	Cunningham Flood Detention Certification	Construction work was completed in October, 2019. The Board accepted project completion of the construction work in December 2019. The revegetation plant establishment phase of work is in progress and will continue to the end of March 2022. As part of FEMA's Community Technical Partners Program floodplain remapping information was submitted to FEMA on December 20, 2019. In addition, a Letter of Map Revision package was submitted to FEMA in March 2020. FEMA approved the LOMR in late June 2021. The new FEMA floodplain maps are now undergoing a 4-month public review period before they can become effective.			X
14	40334005	Lower Penitencia Creek Improvements, Berryessa to Coyote Creeks	Construction contract for Lower Penitencia Creek Project was awarded on May 25, 2021. The Notice to Proceed was issued on June 18, 2021 and construction is underway.	X		
15	62084001	Watershed Asset Rehabilitation Program	Construction contract for Piedmont Creek Interim Concrete Repair Project from Roswell to Dempsey Road was awarded on May 11, 2021 and construction is underway. The project's steel support members are currently being installed.	X		
<b>Water Resources Stewardship</b>						
No projects to report at this time; however, Almaden Lake Creek/Lake Separation (D4), Hale Creek Enhancement Pilot Study (D6.1) and Bolsa Road Fish Passage Protection (D6.2) are all anticipated to go to construction in Summer of 2022.						X
<b>Buildings &amp; IT</b>						
16	73274002	ERP System Implementation	The Finance team continues preparing for User Acceptance Testing (UAT). Supply Chain, Warehouse/Inventory, Payroll and Human Resources have all kicked off their UAT activities. The Infor team has signed a change order which solidifies the project schedule with a fall, 2021 go-live date. The team has met its goal of resolving 90% of punchlist items before entering acceptance testing. The team is actively working on final testing, training and go-live preparations.	N/A	N/A	N/A
17	73274001	Information Technology Disaster Recovery	Valley Water, in partnership with Ankura Consulting Group LLC, completed a comprehensive evaluation of the Information Technology Disaster Recovery capabilities of both the Business and Operational (SCADA) infrastructures in alignment with project goals. The project team has since finalized a strategy for the next phase of the project, which will include the prioritization of a number of projects, including implanting resiliency and security changes to existing data centers, leveraging a cloud services provider as a backup data center and modernizing the off-site back up strategy using removable drives. These projects are likely to require a two-to-three year timeline for implementation. At least one RFP is expected to kick off this fall.	N/A	N/A	N/A



**Capital Project Monitoring Report - July 2021**

**CM Services**

**Construction Phase**

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	In house	External	Combination
18	73274009	Data Consolidation	Staff has engaged with Hyland, Inc. to implement their OnBase product as a proof of concept (POC). During this POC, OnBase will be used to automate the processes of the CPRU unit as well as the Lands Management department. Build out for Lands Management is currently approaching completion. Discussions are currently being held regarding how to incorporate feedback from the May 2021 TAP audit in to the design for CPRU. POC expected to last through spring of 2022.	N/A	N/A	N/A
19	73274012	Telephone System Voice Over IP	Kickoff and requirements gathering phases are complete, buildout of the new system is in progress. Currently expecting system go live in fall/winter 2021.	N/A	N/A	N/A

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# Santa Clara Valley Water District

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**File No.:** 21-0949

**Agenda Date:** 9/20/2021

**Item No.:** 4.2.

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## **COMMITTEE AGENDA MEMORANDUM**

### **Capital Improvement Program Committee**

**SUBJECT:**

Coyote Pumping Plant Adjustable Speed Drives Replacement Project Update.

**RECOMMENDATION:**

Receive update on the Coyote Pumping Plant Adjustable Speed Drives Replacement Project.

**SUMMARY:**

The objectives of the Coyote Pumping Plant Adjustable Speed Drives (ASD) Replacement Project (Project) are to plan, design, and construct improvements to replace six ASD and associated mechanical, electrical, and control equipment at the Coyote Pumping Plant.

The Board of Directors approved implementing the design-build project delivery method for the Project at the March 12, 2019 Board Meeting. The Board also approved a Consultant Agreement with Brown and Caldwell, Inc. for planning, preliminary design, and design-build procurement support services.

Staff completed the planning and preliminary design and posted a Request for Qualifications (RFQ) from design-build entities on June 2, 2021. Staff conducted a prequalification meeting on June 18, 2021, which was attended by twenty-three attendees from fourteen different contractors/designers/suppliers. Staff received one Statement of Qualifications (SOQ) by the due date of July 29, 2021.

At the August 16, 2021 CIP Committee Meeting, the Committee requested staff re-evaluate the project with regard to the design-build RFQ/RFP process and return with a recommendation. Staff's proposed options to move forward with the Project are presented in Attachment 1.

**ATTACHMENTS:**

Attachment 1: CPP ASDs Replacement Project Procurement Options

**UNCLASSIFIED MANAGER:**

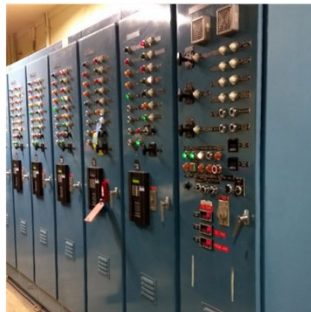
Heath McMahon, 408-630-3126

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# Coyote Pumping Plant Adjustable Speed Drives Replacement Project

## Procurement Options

September 20, 2021



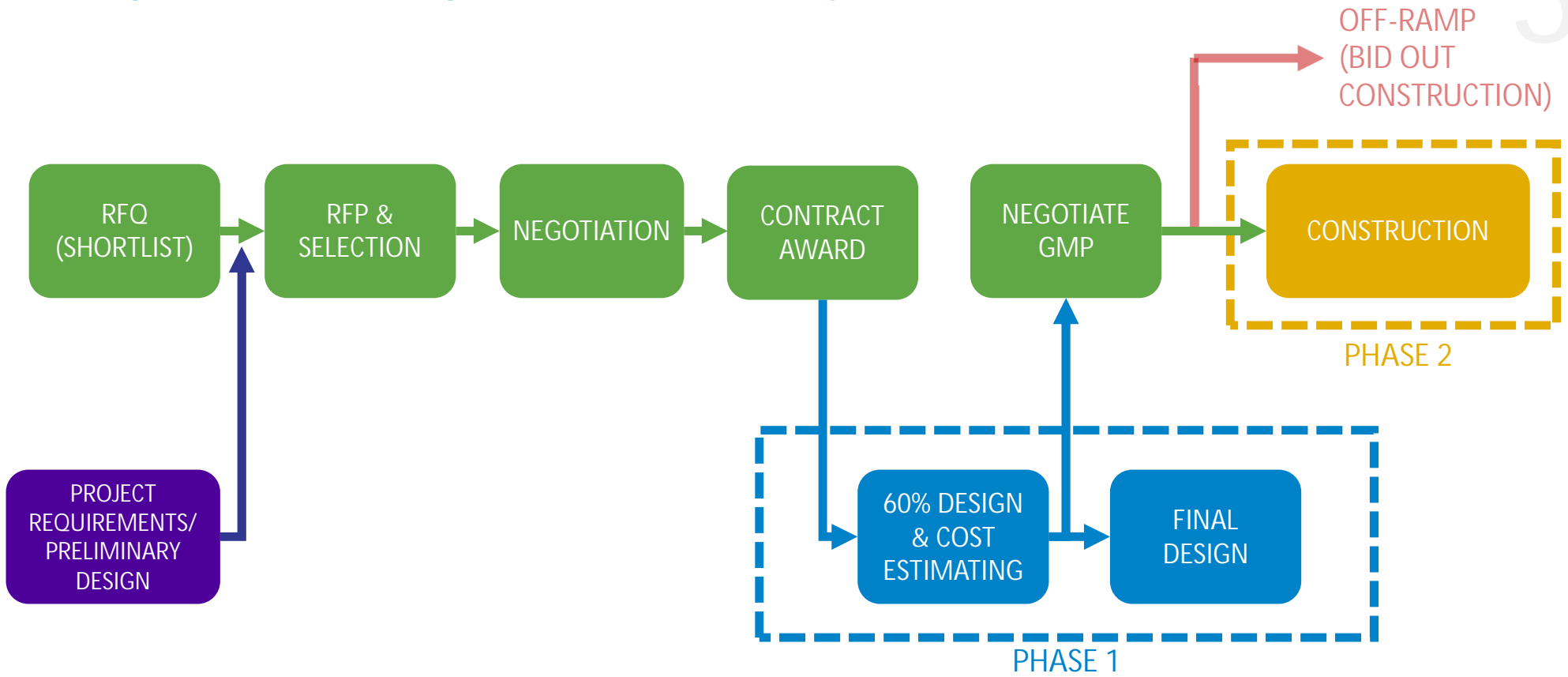
# Project Overview

- Replacement of Major Equipment at the Coyote Pumping Plant
- ~90% of the work is electrical
- No change to system capacity
- All work occurs within the existing building or fenced in switchyard



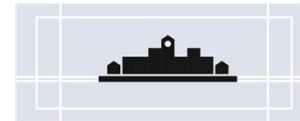
# Progressive Design-Build Delivery Method

3



# Procurement Background

- December 2020: Staff presented on the Coyote Pumping Plant Adjustable Speed Drives (ASD) Replacement Project during the Virtual Open House.
- June 2, 2021: Request for Qualifications (RFQ) was posted, with statement of qualifications (SOQs) due on July 29, 2021.
- June 18, 2021: Staff conducted a prequalification meeting, which was attended by 23 people from 14 different contractors/designers/suppliers. Local builder's exchanges also downloaded the RFQ documents.
- Only one potential design-build entity (DBE) submitted a SOQ for the Project.



Builders' Exchange  
OF SANTA CLARA COUNTY





## Feedback from Potential Contractors/DBEs

Electrical contractors are very busy

Electrical contractors don't want to prime the work

General contractors are very busy and would need to sub out most of the work

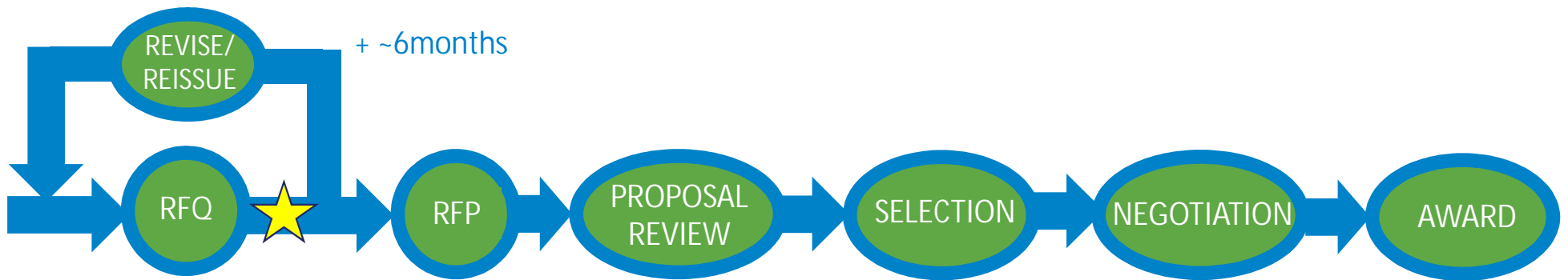
Only 1 potential new proposer has expressed interest (no firm commitment)

Desire to understand potential project labor agreement (PLA) requirements (was not yet published at RFQ phase)

# Vetted Best Options to Proceed



OPTION A: Proceed to Request for Proposal (RFP) stage with single proposer  Staff Recommended



OPTION B: Re-issue RFQ with targeted changes

★ Current stage in the process

## Option A: Proceed to RFP Stage with Single Proposer

- Proceed to RFP stage of the procurement process as originally envisioned.
- Evaluate proposal for responsiveness, as well as proposer qualifications, proposed team, approach to the work, and to confirm that price elements (proposed fees for general conditions, overhead, and profit) are acceptable.

Pros	Cons
<ol style="list-style-type: none"> <li>1. No/minimal delay to currently planned procurement schedule.</li> <li>2. VW maintains the risk allocation defined in the RFQ and procurement approach.</li> <li>3. VW retains ability to take the “off-ramp” if negotiations for Phase 2 Lump Sum are unsuccessful, and could bid out the construction work.</li> </ol>	<ol style="list-style-type: none"> <li>1. Less leverage during contract negotiations prior to award.</li> <li>2. Pricing for Phase 1 (design) and fees for Phase 2 (construction) will be non-competitive (see next slide for tools to control cost).</li> </ol>

# Option A: Proceed to RFP Stage with Single Proposer

Tools to Control Cost:



- ✓ Validate DBE's Phase 1 (design) lump sum and Phase 2 (construction) markups
- ✓ Design to budget requirement
- ✓ Off-ramp
- ✓ Competition amongst equipment vendors

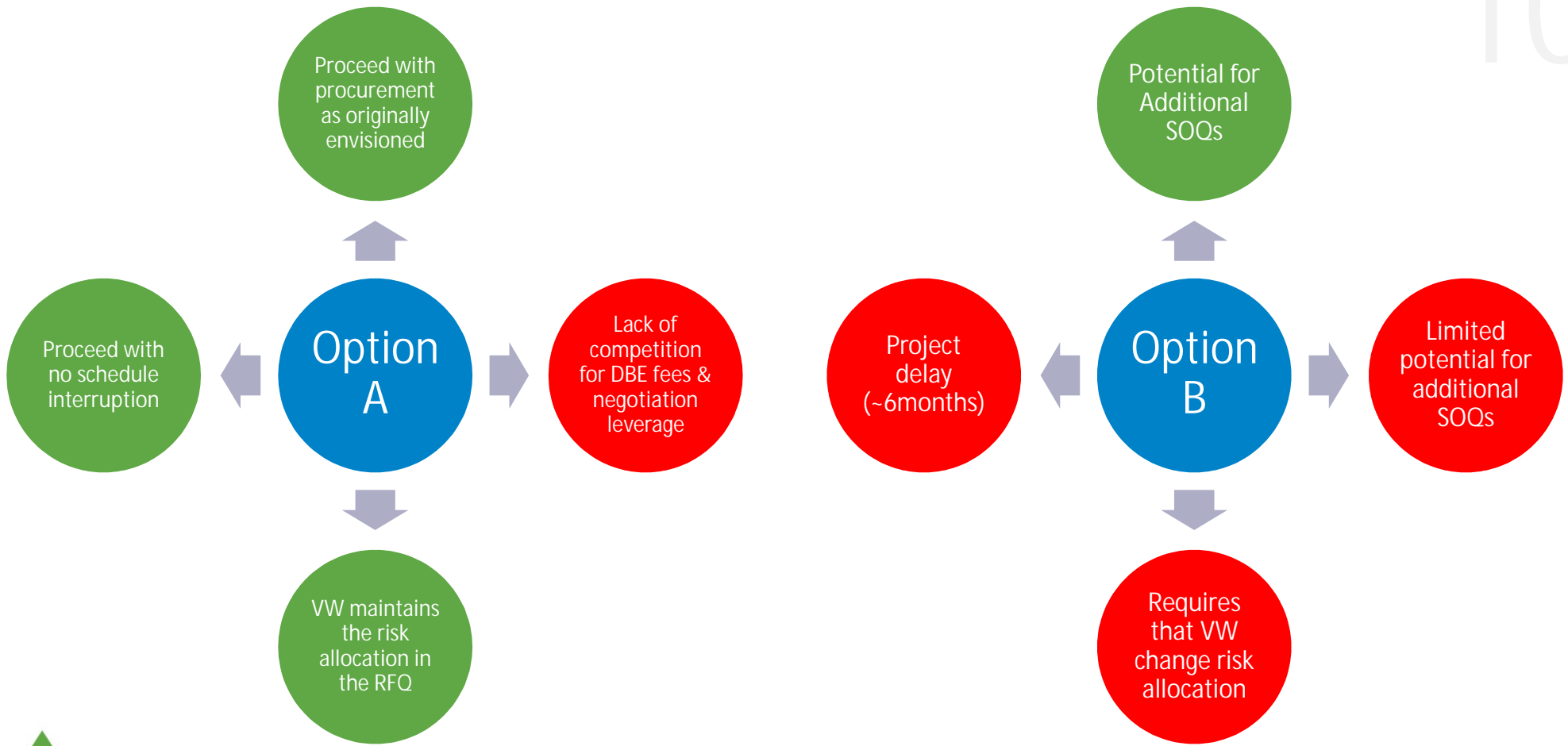
## Option B: Re-issue RFQ with Targeted Changes

- Risk allocation and clarity changes
- Reduction of administrative effort to submit a SOQ
- Conduct additional outreach to potential DBEs to encourage their participation before the RFQ is re-issued

Pros	Cons
<ol style="list-style-type: none"> <li>1. Opportunity to qualify multiple proposers.</li> <li>2. Opportunity to obtain more competitive pricing.</li> <li>3. Considering future procurements: this is an opportunity to demonstrate that VW is listening to the market by making adjustments.</li> </ol>	<ol style="list-style-type: none"> <li>1. Overall project schedule will be delayed ~6 months.</li> <li>2. Possible that there is still a single SOQ submitted (or even none).</li> <li>3. Requires that VW change approach and risk allocation to respond to the market.</li> </ol>

# Conclusion

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# Santa Clara Valley Water District

File No.: 21-0963

Agenda Date: 9/20/2021

Item No.: 4.3.

## COMMITTEE AGENDA MEMORANDUM

### Capital Improvement Program Committee

#### SUBJECT:

Receive Information on Consultant Agreement Amendments for Capital Projects.

#### RECOMMENDATION:

Receive information on consultant agreement amendments for capital projects.

#### SUMMARY:

At the March 28, 2017 meeting, the Board of Directors approved revising the Capital Improvement Program (CIP) Committee's purpose to include monitoring implementation progress of key projects in the CIP. At their June 29, 2020 meeting, the CIP Committee requested this topic be added as a standing item on all future CIP Committee meeting agendas, and that staff provide updates on consultant agreement amendments for capital projects that may include modifications to scope, schedule, and/or budget.

At this time, staff would like to inform the Committee of the following capital projects consultant agreement amendments:

- 1. Amendment No. 2 to Agreement A4242G with Cordoba Corporation for Executive Project Management Services for the Rinconada Water Treatment Plant Reliability Improvement Project No. 93294057 (time extension) (H. McMahon).**

Staff will recommend Deputy Administrative Officer approval of Amendment No. 2 to Agreement A4242G with Cordoba Corporation to extend the term of the Agreement retroactively by one year for a new expiration date of July 31, 2022.

Construction of the Santa Clara Valley Water District's Rinconada Water Treatment Plant Reliability Improvement Project was initiated in May 2015 to increase plant reliability to meet peak summer demands, update technology, and implement process improvements.

Agreement A4242G with Cordoba Corporation for Executive Project Management was executed in March 2019 and amended in August 2019 to provide additional time and funding for the consultant to provide construction management services.

A time extension of one year will allow the consultant to provide construction management support for the Rinconada Water Treatment Plant Interim Site Restoration Project which is

currently underway.

**2. Amendment No. 1 to Agreement A4224A with R.E.Y. Engineers, Inc. for on-call Land Surveying and Mapping Services for capital projects. (time extension) (R. Blank).**

Staff will recommend Deputy Administrative Officer approval of Amendment No. 1 to Agreement A4224A with R.E.Y. Engineers, Inc. to extend the term of the Agreement by two years for a new expiration date of January 8, 2024.

Agreement A4224A provides for the Consultant to supplement Valley Water's Land Surveying and Mapping Unit (LSMU) efforts by performing survey work in accordance with all pertinent local, state and federal laws. The scope of work includes: preliminary and design level surveying for topographic field surveys, expansion of project control, preparation of photogrammetric base maps, LiDAR surveys, bathymetric surveys, 3D scanning, the establishment of control networks for design, design-level data surveys, and construction support.

Agreement A4224A was enacted on January 8, 2019. Staff is recommending a time extension of two years to allow Consultant to continue to provide assistance to Valley Water's LSMU and in support of capital projects on an on-call, as-needed basis. The volume of work requested of LSMU is always above the number of available staff hours, which can result in long queue times for completing the requests. Agreement A4224A ensures LSMU can provide for completion of requests that are not planned for or expected.

**ATTACHMENTS:**

None.

**UNCLASSIFIED MANAGER:**

Heath McMahon, 408-630-3126

Rechelle Blank, 408-630-2615





# Santa Clara Valley Water District

**File No.:** 21-0966

**Agenda Date:** 9/20/2021

**Item No.:** 4.4.

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## COMMITTEE AGENDA MEMORANDUM

### Capital Improvement Program Committee

**SUBJECT:**

Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

**RECOMMENDATION:**

Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

**SUMMARY:**

During the May 17, 2021, Capital Improvement Program (CIP) Committee meeting, staff provided an update on the Anderson Dam Tunnel Project No. 91864005. The Committee requested staff provide monthly change order status updates after construction of the ADTP commences on July 7, 2021.

### Project Background

Valley Water is undertaking the Anderson Dam Federal Energy Regulatory Commission Order Compliance Project (FOCP) as a result of the February 20, 2020 directive from FERC to implement interim risk reduction measures at Anderson Dam. One of those measures is the Anderson Dam Tunnel Project (ADTP).

On April 27, 2021, Valley Water's Board of Directors awarded the construction contract for the Anderson Dam Tunnel Project (ADTP) to the top ranked best value proposer, Flatiron West, Inc., in the sum of \$161,140,321 and approved a contingency amount of \$40,000,000 (25% of the contract price). The Board directed staff to discuss delegating authority for contingency expenditures with the CIP Committee.

By unanimous roll call vote at its May 17, 2021, meeting, the Committee approved recommending to the full Board that it consider delegating authority to staff to approve change orders for the Anderson Dam Tunnel Project at the amounts stated and that the CIP Committee receive regular monthly reports with information regarding approved change orders, pending change orders, and the cumulative amounts.

Valley Water's Board of Directors accepted the CIP Committee recommendations at its regular meeting on May 25, 2021. Staff is therefore providing the August 2021 monthly CIP Committee update as stated below.

### Construction Contract Change Orders Status

The current Construction Contract Change Orders status is detailed in Attachment No. 1.

No Contract Change Orders were executed in August 2021.

**ATTACHMENTS:**

Attachment 1: ADTP Construction Contract Change Orders Status

**UNCLASSIFIED MANAGER:**

Christopher Hakes, 408-630-3796

**Anderson Dam Tunnel Project  
Construction Contract Change Order Status**

	Date	Description	Contract Amount	Contingency Amount	Approval Level
Original Contract	4/27/2021		\$161,140,321	\$40,000,000	Board
1					
2					
3					
4					
5					
6					
7					
8					
9					
<b>Contract Amount and Remaining Contingency</b>			\$161,140,321	\$40,000,000	

Number of Change Orders Approved Previously	Number Of Change Orders Approved Current Month	Total Number Of Change Orders Executed To Date
0	0	0

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# Santa Clara Valley Water District

**File No.:** 21-0968

**Agenda Date:** 9/20/2021

**Item No.:** 4.5.

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## COMMITTEE AGENDA MEMORANDUM

### Capital Improvement Program Committee

**SUBJECT:**

Review 2021 Capital Improvement Committee Work Plan.

**RECOMMENDATION:**

Review the 2021 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

**SUMMARY:**

Work Plans are created and implemented by all Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved follow-up by staff. Work Plans are dynamic documents managed by Committee Chairs and are subject to change. Committee Work Plans also serve to assist to prepare an Annual Committee Accomplishments Report.

Discussion of topics as stated in the Plan have been described based on information from the following sources:

- Items referred to the Committee by the Board;
- Items requested by the Committee to be brought back by staff;
- Items scheduled for presentation to the full Board of Directors; and
- Items identified by staff.

The CIP Work Plan contained in Attachment 1 is presented for the Committee's review to determine topics for discussion in 2021.

Regular monthly meetings are scheduled to occur at 11:00 a.m., on the third Monday of each month or at the call of the Committee Chair.

**ATTACHMENTS:**

Attachment 1: 2021 CIP Committee Work Plan

**UNCLASSIFIED MANAGER:**

Michele King, 408-630-2711

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# CIP Committee 2021 Workplan

	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>
<b>Capital Project Monitoring</b>												
Feasibility/Planning		X		X			X			X		
Design/Permitting		X			X			X			X	
Construction			X				X		X			X
Consultant Agreement Compliance Process			X								X	
Update on RWTP Residuals Remediation Project			X									
Anderson Dam Tunnel Project Contingency Fund Delegated Authority					X							
Update on Coyote Pumping Plant Design/Build Project									X			
Planning Updates												
• Upper Penitencia Creek Flood Protection Project							X					
• Stevens Creek Fish Ladder										X		
<b>CIP Implementation</b>												
Review Project Delivery Process for Capital Projects												
• O&M Costs (Design) and Readiness Assessment (Construction)			X									
Safe, Clean Water 5-Year Implementation Plan (Adjustments and Financial Overview)				X								
<b>CIP Development</b>												
CIP Planning Process												
• Annual CIP Process and Integrated Financial Planning Calendar Overview										X		
• Committee Review of Initially Validated Projects										X		
• Review Significant Project Plan Updates											X	
Preliminary CIP Review	X											X
<b>Standing Items</b>												
Anderson Dam Tunnel Project Contingency and Change Order Monitoring	N/A	N/A	N/A	N/A	N/A	N/A	N/A	X	X	X	X	X
Upcoming Consultant Agreement Amendments	N/A	X	X	X	X	X	X	X	X	X	X	X
Workplan	N/A	X	X	X	X	X	X	X	X	X	X	X
Minutes	N/A	X	X	X	X	X	X	X	X	X	X	X

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