



**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 - 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

**AGENDA
Tuesday, January 8, 2019**

**REGULAR CLOSED SESSION
11:00 a.m., Boardroom**

ROLL CALL:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

BROWN ACT BRIEFING:

- Presentation of the Brown Act and the Ethics Policy of the EBMUD Board of Directors

ANNOUNCEMENT OF CLOSED SESSION AGENDA:

1. Significant exposure to litigation pursuant to Government Code section 54956.9(d)(2):
 - a. Waste Management of Alameda County, Inc.
Claim No. 2017-L-183-1

(The Board will hold Closed Session in Conference Room 8)

**REGULAR BUSINESS MEETING
1:15 p.m., Boardroom**

ROLL CALL:

BOARD OF DIRECTORS:

- Pledge of Allegiance
- Election of Officers
- 2019 Board Committee Assignment Preferences

ANNOUNCEMENTS FROM CLOSED SESSION:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

CONSENT CALENDAR: (Single motion and vote approving 8 recommendations.)

1. Approve the Regular Meeting Minutes of December 11, 2018.
2. File correspondence with the Board.
3. Award contracts related to the construction of the San Pablo Clearwell and Rate Control Station Replacement.
 - 3a. Award a contract to the lowest responsive/responsible bidder, Mountain Cascade, Inc., in the amount of \$41,213,000 for construction of San Pablo Clearwell and Rate Control Station Replacement under Specification 2125.
 - 3b. Award a contract to the lowest responsive/responsible bidder Frank A. Olsen Company in an amount, after the addition of taxes, not to exceed \$227,747 for supplying large diameter valves, actuators and related equipment for the San Pablo Clearwell and Rate Control Station Replacement, beginning on or after January 9, 2019 under Request for Quotation No. 1901.
4. Award a contract to the lowest responsive/responsible bidder Southland Pipe Corporation in an annual amount, after the addition of taxes, not to exceed \$280,000 for supplying various sized steel mortar-lined pipe fittings for three years, beginning on or after January 9, 2019 with two options to renew for an additional one-year period for a total cost of \$1,400,000 under Request for Quotation No. 1906.
5. Award a contract beginning on or after January 8, 2019, to Dynamic Systems, Inc., (formally GovStor, Inc.) in an amount, after the addition of taxes, not to exceed \$420,500 for supplying Oracle database software licensing and maintenance services for one year.
6. Award a contract and authorize an agreement related to the Administration Building Heating, Ventilation, and Air Conditioning Systems Upgrade project.
 - 6a. Award a contract to the lowest responsive/responsible bidder, Bay City Mechanical, Inc., in the amount of \$11,265,800 for construction of Administration Building Heating, Ventilation, and Air Conditioning Systems Upgrade project under Specification 2130.
 - 6b. Authorize an agreement beginning on or after January 8, 2019 with Consolidated CM, Inc., in an amount not to exceed \$990,048 for construction management support services for the Administration Building Heating, Ventilation, and Air Conditioning Systems Upgrade project.
7. Authorize agreements for data and voice communication services under the State of California's CALNET contract.
 - 7.1. Authorize an agreement with AT&T Corporation in the estimated amount of \$583,333 for the period January 30, 2019 to June 30, 2019 and for the estimated annual amount of \$1,400,000 for four years with two options to renew for a 1-year period July 1, 2019 to June 30, 2025 for a total amount not to exceed \$8,983,333.
 - 7.2. Authorize an agreement with Comcast Business Communications, LLC, in the estimated amount of \$5,000 for the period January 30, 2019 to June 30, 2019 and for the estimated annual amount of \$120,000 for four years with two options to renew for a 1-year period July 1, 2019 to June 30, 2025 for a total amount not to exceed \$725,000.

CONSENT CALENDAR: (Continued)

8. Approve the following changes to the District's Small Business Enterprise (SBE) bid discount for competitively bid contracts: increase the bid discount from five percent to seven percent; decrease the maximum dollar amount for the SBE discount from \$250,000 to \$150,000; and maintain the current cap of \$500,000 for the total amount of bid discounts granted in a fiscal year effective immediately.

DETERMINATION AND DISCUSSION:

9. Legislative Update:
 - Federal Legislative Initiatives for 2019
 - Update on Legislative Issues of Interest to EBMUD
10. Approve adjusting the Board of Directors' monthly compensation.
11. General Manager's Report:
 - Water Supply Update
 - 2018 Interdepartmental Committees Annual Reports
 - Revised Six-Month Forecast of Board Committee and Workshop Agenda Topics for 2019
 - Water on Wheels Trailer, Community Event Schedule 2019
 - Monthly Report – December 2018

REPORTS AND DIRECTOR COMMENTS:

12. Committee Reports:
 - Planning
 - Legislative/Human Resources
13. Other Items for Future Consideration.
14. Director Comments.

ADJOURNMENT:

The next Regular Meeting of the Board of Directors will be held at 1:15 p.m. on Tuesday, January 22, 2019 in the Administration Center Boardroom, 375 Eleventh Street, Oakland, California.

Disability Notice

If you require a disability-related modification or accommodation to participate in an EBMUD public meeting please call the Office of the Secretary (510) 287-0404. We will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require 48 hours advance notice.

Document Availability

Materials related to an item on this agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to this meeting are available for public inspection in EBMUD's Office of the Secretary at 375 11th Street, Oakland, California, during normal business hours, and can be viewed on our website at www.ebmud.com.

BOARD CALENDAR

Date	Meeting	Time/Location	Topics
Tuesday, January 8	Planning Committee Mellon {Chair}, Linney, Young	9:30 a.m. Training Resource Center	<ul style="list-style-type: none"> • Wet Weather Consent Decree – Implementation Update • Wastewater Pretreatment and Pollution Prevention Program Update
	Legislative/Human Resources Committee Coleman {Chair}; Patterson; Young	10:15 a.m. Training Resource Center	<ul style="list-style-type: none"> • Legislative Update • Contract Equity Program Small Business Enterprise Bid Discount
	Board of Directors	11:00 a.m. 1:15 p.m.	<ul style="list-style-type: none"> • Closed Session • Regular Meeting
Monday, January 21	MLK Jr. Birthday Holiday		<ul style="list-style-type: none"> • <i>District Offices Closed</i>
Tuesday, January 22	Finance/Administration Committee	TBD Training Resource Center	
	Budget Workshop	TBD Training Resource Center	
	Board of Directors	11:00 a.m. 1:15 p.m.	<ul style="list-style-type: none"> • Closed Session • Regular Meeting
Tuesday, February 12	Lincoln’s Birthday Holiday		<ul style="list-style-type: none"> • <i>District Offices Closed</i>
Wednesday, February 13	Planning Committee	9:15 a.m. Training Resource Center	
	Legislative/Human Resources Committee	10:15 a.m. Training Resource Center	
	Board of Directors	11:00 a.m. 1:15 p.m.	<ul style="list-style-type: none"> • Closed Session • Regular Meeting
Monday, February 18	President’s Day Holiday		<ul style="list-style-type: none"> • <i>District Offices Closed</i>
Tuesday, February 26	Sustainability/Energy Committee	TBD Training Resource Center	
	Finance/Administration Committee	TBD Training Resource Center	
	Board of Directors	11:00 a.m. 1:15 p.m.	<ul style="list-style-type: none"> • Closed Session • Regular Meeting

MINUTES

Tuesday, December 11, 2018

**East Bay Municipal Utility District
Board of Directors
375 Eleventh Street
Oakland, California**

Regular Closed Session Meeting

President Lesa R. McIntosh called to order the Regular Closed Session Meeting of the Board of Directors at 11:06 a.m. in the Administration Center Boardroom.

ROLL CALL

Directors John A. Coleman, Andy Katz (via teleconference), Doug Linney, Frank Mellon, William B. Patterson, Marguerite Young, and President Lesa R. McIntosh were present at roll call.

Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer, Assistant General Counsel Fred S. Etheridge (Item 1a), Director of Water and Natural Resources Richard G. Sykes (Item 1a), and newly appointed Director of Water and Natural Resources Michael T. Tognolini (Item 1a).

PUBLIC COMMENT

There was no public comment.

ANNOUNCEMENT OF CLOSED SESSION AGENDA

President McIntosh announced the closed session agenda. The Board convened to Conference Room 8 for discussion.

Regular Business Meeting

President McIntosh called to order the Regular Business Meeting of the Board of Directors at 1:16 p.m. in the Administration Center Boardroom.

ROLL CALL

Directors John A. Coleman, Andy Katz (via teleconference), Doug Linney, Frank Mellon, William B. Patterson, Marguerite Young, and President Lesa R. McIntosh were present at roll call.

Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer and Secretary of the District Rischa S. Cole.

BOARD OF DIRECTORS

President McIntosh led the Pledge of Allegiance.

ANNOUNCEMENTS FROM CLOSED SESSION

There were no announcements required from closed session.

PUBLIC COMMENT

- Addressing the Board was Linus Eukel, Executive Director, John Muir Land Trust who congratulated Director of Water and Natural Resources Richard G. Sykes on his upcoming retirement and presented Mr. Sykes with a framed memento on behalf of the John Muir Land Trust.

Agenda Items Discussed Out Of Order

- The Board took action on Determination and Discussion Items 17a-17e before taking action on Consent Calendar Items 1-14; however, the minutes are recorded to reflect the order of items as they appear on the agenda. Director Coleman was excused to leave the meeting at 1:38 p.m. after the Board took action on Items 17a-17e.

CONSENT CALENDAR

- Item 14 was removed from the Consent Calendar for comment.
 - Motion by Director Young, seconded by Director Mellon, to approve the recommended actions for Items 1-13 on the Consent Calendar, carried (6-0) by the following roll call vote: AYES (Katz, Linney, Mellon, Patterson, Young and McIntosh); NOES (None); ABSTAIN (None); ABSENT (Coleman).
1. **Motion No. 171-18** - Approved the Regular Meeting Minutes of November 27, 2018.
 2. The following correspondence was filed with the Board: **1)** Letter from Lafayette resident Bill Lau entitled, "Presentation to EBMUD Board – December 11, 2018"; **2)** Presentation entitled, "Public Hearing Main Wastewater Treatment Plant (MWWTP) Yerba Buena Access Road Acquisition," dated December 11, 2018; **3)** Presentation entitled, "Leland Reservoir Replacement Project Final Environmental Impact Report and Project Approval," dated December 11, 2018; **4)** Presentation entitled, "Proposed Revisions to Watershed Rules and Regulations," dated December 11, 2018; and **5)** Speakers' Bureau and Outreach Record CY18-19, dated December 10, 2018.
 3. **Motion No. 172-18** - Awarded a contract to Integrated Archive Systems, Inc., in an amount, after the addition of taxes, not to exceed \$205,100 for supplying Commvault software and support dedicated to the backup and restoration of critical business data for three years, beginning on or after December 12, 2018.
 4. **Motion No. 173-18** - Authorized an agreement beginning on or after December 12, 2018 with Aramark Uniform Services, a division of Aramark Uniform and Career Apparel, LLC, in an amount not to exceed \$150,000 annually for rental and laundry service for standard and flame resistant garments for one year with four options to renew for an additional one-year period for a total cost of \$750,000.

5. **Motion No. 174-18** - Authorized an agreement with the Sycamore Mutual Water Company (SMWC) to perform environmental, financial, and technical analysis needed to evaluate a potential long-term water transfer project, and develop a framework under which EBMUD and SMWC would negotiate a future long-term agreement for EBMUD to purchase water from SMWC in dry years. The agreement includes a commitment for EBMUD to reimburse SMWC up to \$80,000 for consulting services.
6. **Motion No. 175-18** - Authorized an amendment to the agreement awarded under Board Motion No. 140-15 dated July 28, 2015, to increase the agreement amount by \$1,700,000, to an amount not to exceed \$8,800,000, for additional wet weather Consent Decree required inflow and infiltration investigations of the regional wastewater collection system by the following vendors: ADS Corporation; Andes Construction, Inc.; Electro Scan, Inc.; Hoffman Southwest Corporation, dba Professional Pipe Services (Pro-Pipe); Infrastructure Engineering Corporation; Pacific General Engineering; Santact, Inc., dba Roto-Rooter; and V&A Consulting Engineers, Inc., through the remainder of the agreement period ending July 28, 2020.
7. **Motion No. 176-18** - Authorized an amendment to the agreement with California Marine Diesel, Inc. to increase the amount by \$1,553,058 for a total cost not to exceed \$3,325,000 for engine overhaul services for the District's Main Wastewater Treatment Plant Power Generation Station.
- 8.1.- **Motion No. 177-18** - Approved the assignment of the contract for the Electronic Bill Presentment and Payment Services from CheckFree Services Corporation to Fiserv Solutions, LLC (Fiserv); and authorized an extension of the current contract for Electronic Bill Presentment and Payment Services to be assigned to Fiserv for a period beginning December 31, 2018 and ending December 31, 2023 for an estimated additional amount of \$625,000 for a total cost not to exceed \$1,070,000.
- 8.2. Presentment and Payment Services from CheckFree Services Corporation to Fiserv Solutions, LLC (Fiserv); and authorized an extension of the current contract for Electronic Bill Presentment and Payment Services to be assigned to Fiserv for a period beginning December 31, 2018 and ending December 31, 2023 for an estimated additional amount of \$625,000 for a total cost not to exceed \$1,070,000.
9. **Motion No. 178-18** - Authorized the execution of a five-year Ground Lease with an option to extend for an additional five years with S&S Trucking for 4.14 acres located at the District's McMillan property off Grant Avenue in San Lorenzo, California.
10. **Motion No. 179-18** - Authorized the Office of General Counsel to continue the employment of the law firm of Ellison, Schneider, Harris & Donlan, LLP, for specialized legal services related to water and energy law and litigation matters in an additional amount not to exceed \$140,000.
11. **Resolution No. 35123-18** – Amending And Restating The East Bay Municipal Utility District 401(k) Tax Deferred Savings Plan.
- 12.1.- **Resolution No. 35124-18** – Authorizing The Acquisition Of Real Property In Oakland In Alameda County, California And Amending The Fiscal Year 2019 Capital Budget To Appropriate For Expenditure An Additional \$9,665,000.
- 12.3. Alameda County, California And Amending The Fiscal Year 2019 Capital Budget To Appropriate For Expenditure An Additional \$9,665,000.
13. **Resolution No. 35125-18** – Declaring Results Of Election Held On November 6, 2018 For The Election Of Directors Of The East Bay Municipal Utility District.

14. **Resolution No. 35126-18** – Appointing Mona L. Favorite-Hill As Senior Community Affairs Representative (*effective January 7, 2019*).
- Director Mellon welcomed Ms. Favorite-Hill and offered congratulations on her appointment. Ms. Favorite-Hill thanked the Board for the opportunity and said she looks forward to working at the District.
 - Motion by Director Mellon, seconded by Director Linney, to approve the recommended action for Item 14 on the Consent Calendar, carried (6-0) by the following roll call vote: AYES (Katz, Linney, Mellon, Patterson, Young and McIntosh); NOES (None); ABSTAIN (None); ABSENT (Coleman).

PUBLIC HEARING

- 15.1. **Conduct a public hearing to receive comments on a Resolution of Necessity to acquire formal fee property rights for the East Gate Access Road to the Main Wastewater Treatment Plant MWWTP located off Yerba Buena Avenue on the Emeryville/Oakland border.**

President McIntosh opened the public hearing at 1:42 p.m.

Manager of Customer and Community Services Andrew L. Lee presented an overview of the District's efforts to acquire fee property rights through the eminent domain process for the section of the Yerba Buena Access Road that starts east of the railroad bridge to the Mandela Parkway Gate. Mr. Lee explained that the District has attempted to work with the property owner to acquire the fee property rights and has made an offer to purchase the property rights with no success. Without formal property rights, the District is at risk of losing a vital access point to the MWWTP and cannot make improvements and repairs to ensure the road and gate remain in usable condition. The District sent the property owner, East Bay Bridge Retail, LLC, notice of the public hearing and Board meeting by Federal Express on November 21, 2018. Under Agenda Item 15.2, the Board will consider adopting a Resolution of Necessity for eminent domain proceedings to acquire the fee property rights and authorizing the General Counsel to file eminent domain actions in Alameda County Superior Court. General Manager Alexander R. Coate stated that the Planning Committee in its meeting this morning unanimously supported the staff recommendations.

President McIntosh asked for comments from representatives of the property owner or other interested persons from the public. There were no comments.

President McIntosh asked for a motion to close the public hearing. Director Patterson motioned to close the public hearing at 1:48 p.m.

- Motion by Director Patterson, seconded by Director Linney, to close the public hearing at 1:48 p.m., carried (6-0) by the following roll call vote: AYES (Katz, Linney, Mellon, Patterson, Young and McIntosh); NOES (None); ABSTAIN (None); ABSENT (Coleman).

Motion No. 180-18 - Conducted a public hearing to receive comments on a Resolution of Necessity to acquire formal fee property rights for the East Gate Access Road to the Main Wastewater Treatment Plant located off Yerba Buena Avenue on the Emeryville/Oakland border.

15.2. Adopt a Resolution of Necessity to initiate eminent domain proceedings for the acquisition of fee property rights from East Bay Bridge Retail, LLC; and authorize the General Counsel to file eminent domain actions in Alameda County Superior Court.

- Motion by Director Patterson, seconded by Director Linney, to approve the recommended actions for Item 15.2, carried (6-0) by the following roll call vote: AYES (Katz, Linney, Mellon, Patterson, Young and McIntosh); NOES (None); ABSTAIN (None); ABSENT (Coleman).

Resolution No. 35127-18 – Resolution Of Necessity For The Acquisition By Eminent Domain Of A Fee Interest In The Wastewater Treatment Plant Yerba Buena Avenue Access Road And Authorizing Condemnation Proceedings.

DETERMINATION AND DISCUSSION

16. Legislative Update.

Manager of Legislative Affairs Marlaigne K. Dumaine summarized Legislative Report No. 09-18 and the staff recommendation for S. 3564 (Cardin) Low-Income Water Customer Assistance Programs Act of 2018. Legislative/Human Resources Committee member Marguerite Young reported that the Committee met this morning and unanimously supported the staff recommendation.

- Motion by Director Mellon, seconded by Director Patterson, to approve the recommended position, carried (6-0) by the following roll call vote: AYES (Katz, Linney, Mellon, Patterson, Young and McIntosh); NOES (None); ABSTAIN (None); ABSENT (Coleman).

Motion No. 181-18 - Received Legislative Report No. 09-18 and approved a SUPPORT position on the following bill: S. 3564 (Cardin) Low-Income Water Customer Assistance Programs Act of 2018.

Next Ms. Dumaine presented an overview of the staff recommendations on four state legislative initiatives for 2019: 1) Advance EBMUD's interests in the context of utility wildfire mitigation plans including the de-energization of electric lines; 2) Advance EBMUD's interests in legislative efforts to address forest health; 3) Seek constructive ways to advance EBMUD's interests as the legislature continues to consider providing access to safe drinking water for disadvantaged communities; and 4) Seek constructive ways to advance EBMUD's interests as the administration and the legislature consider ways to provide assistance to low-income water customers. The Board discussed the initiatives and requested that if asked, staff assist disadvantaged communities with writing grants to apply for water bond funding. Additionally, the Board asked staff to assess what legislative modifications can be made to limit the number of elected offices a person can run for at a time. In conclusion, Ms. Dumaine gave an update on state and federal activities after the November 6 elections.

- Motion by Director Young, seconded by Director Patterson, to approve the State Legislative Initiatives for 2019 Legislative Year, carried (6-0) by the following roll call vote: AYES (Katz, Linney, McIntosh, Patterson, Young, and Mellon); NOES (None); ABSTAIN (None); ABSENT (Coleman).

Motion No. 182-18 – Approved the following state legislative initiatives for the 2019 Legislative Year:

LEGISLATIVE PROPOSAL	2019 RECOMMENDATIONS
<p>1. Advance EBMUD’s interests in the context of utility wildfire mitigation plans including the de-energization of electric lines.</p>	<p>Proceed – The discussion of electric utility wildfire mitigation plans, including the de-energization of electric lines to prevent wildfires, may continue in the legislature in 2019 and may be considered in the context of follow-up legislation to SB 901 (Dodd). Staff will seek opportunities to strengthen wildfire mitigation plan requirements related to de-energization and critical water utility facilities.</p> <ol style="list-style-type: none"> 1. Staff will continue to work with PG&E and the CPUC to seek robust inclusion of water utility facilities in electric utility wildfire mitigation plans with regard to preparing for and undertaking de-energization, and given prioritization during re-energization. 2. Staff will work with other water agencies and relevant statewide associations to build a coalition, as appropriate. 3. Staff will seek opportunities to strengthen wildfire mitigation plan requirements related to de-energization, in the context of any follow-up legislation to SB 901, to ensure robust inclusion of water utility facilities in electric utility wildfire mitigation plans with regard to preparing for and undertaking de-energization, and given prioritization during re-energization.
<p>2. Advance EBMUD’s interests in legislative efforts to address forest health.</p>	<p>Proceed – The legislature is likely to continue to discuss forest health in the context of wildfire preparedness in 2019 and will likely consider follow-up legislation to SB 901 (Dodd). Though SB 901 included some funding for forest health and wildfire fuels reduction, there may be efforts in 2019 to identify additional sustainable funding for on-going forest health efforts.</p> <ol style="list-style-type: none"> 1. Staff will continue to monitor legislation on forest and watershed health, and identify potential opportunities for EBMUD to engage, particularly through its role in the Upper Mokelumne River Watershed Authority. This is consistent with EBMUD’s current approach.
<p>3. Seek constructive ways to advance EBMUD’s interests as the legislature continues to consider providing access to safe drinking water for disadvantaged communities.</p>	<p>Proceed – The issue of providing access to safe drinking water for disadvantaged communities, and establishing a steady source of funding for this purpose remains outstanding before the legislature. It is likely discussions will continue in 2019.</p> <ol style="list-style-type: none"> 1. Staff will bring specific legislative proposals on this issue to the Board for discussion and consideration, as appropriate. Staff will consider any proposals that include a statewide retail water user surcharge in the context of the April 24, 2018 EBMUD Board adopted revised policy position on statewide retail water user surcharges.

LEGISLATIVE PROPOSAL	2019 RECOMMENDATIONS
4. Seek constructive ways to advance EBMUD’s interests as the administration and the legislature consider ways to provide assistance to low-income water customers.	<p>Proceed - The State Water Resources Control Board (SWRCB) has been directed to develop a plan for the funding and implementation of a low-income water-rate assistance program by AB 401 (Dodd). The SWRCB was expected to report to the legislature in 2018 on its recommendations for a low-income water-rate assistance program, including recommendations for any legislative action that may be needed. However, this report has been delayed indefinitely.</p> <ol style="list-style-type: none"> 1. Staff will continue to engage with the SWRCB as it works to finalize its report. 2. Staff will bring relevant legislative proposals on this issue to the Board for discussion and consideration, as appropriate. Staff will consider any proposals that include a statewide retail water user surcharge in the context of the April 24, 2018 EBMUD Board adopted revised policy position on statewide retail water user surcharges.

17. **Leland Reservoir Replacement Project – Certify the Final Environmental Impact Report (EIR) and Project Approval.**

Associate Civil Engineer Oscar A. Herrera presented an update on the project which will replace the existing 18 million gallon (MG), open-cut reservoir with two new 8 MG pre-stressed concrete tanks in the existing open-cut basin. The project will also replace the existing 36-inch transmission pipeline that traverses under the existing reservoir with a new pipeline in city streets and install a new 30-inch storm drain pipeline on site and connect it to the City of Lafayette’s existing storm drain system. He explained that the reservoir is critical in serving the Leland Pressure Zone which serves portions of Lafayette, Pleasant Hill and Walnut Creek and needs to be replaced because it has reached the end of its useful service life. Mr. Herrera discussed the proposed site plan, the renderings for the new fencing and trees that will be planted for screening purposes, and the public outreach and scoping meetings with neighbors and Lafayette City Council. The project’s Draft EIR was circulated for public comment from January 25 through March 12, 2018. The Draft EIR analysis concluded that there are potential impacts from construction noise that will require the District to approve a Statement of Overriding Considerations and determine that the remaining potential impacts are either less than significant or would be less than significant with mitigations. The Final EIR, which was made available on November 29, responded to comments received during the Draft EIR comment period and a February 8, 2018 community meeting. If approved, the project will begin in 2022 and 2024.

- Addressing the Board was Lafayette resident Bill Lau, who commented on the responses to public comments in the Final EIR, the proposed screening plan for the new tanks and the District’s communication efforts during project outreach.

The Board thanked Mr. Lau for his comments and discussed alternatives to the proposed screening plan for the new tanks including an alternate paint color for the tanks as well as the overall project landscaping plans. In consultation with General Counsel Craig S. Spencer, General Manager Alexander R. Coate advised that to address Mr. Lau’s concerns regarding the screening and project landscaping plans, with Board approval, the resolution approving the project can be modified to include the following language: “...Be it further resolved that as part

of Project implementation, the General Manager is hereby directed to take such actions as shall be necessary to ensure that the project landscape plan set forth in the Final EIR is implemented to achieve the same or a similar level of screening of the Project tanks as depicted in the Final EIR's post-construction visual simulations." The Board concurred with the proposed modification to the resolution language.

- Motion by Director Coleman, seconded by Director Patterson, to approve the recommended actions for Items 17a-17e, including the modification to the resolution language, carried (7-0) by the following roll call vote: AYES (Coleman, Katz, Linney, Mellon, Patterson, Young and McIntosh); NOES (None); ABSTAIN (None); ABSENT (None).

17a.- **Resolution No. 35122-18** – Certifying The Final Environmental Impact Report For The Leland Reservoir Replacement Project, Making Findings, Adopting The Mitigation Monitoring And Reporting Plan, And Approving The Project.

18. **Adopt the Proposed Amendments to the Watershed and Recreation Rules and Regulations.**

Director of Water and Natural Resources Richard G. Sykes presented a summary of the proposed amendments to the Rules and Regulations which govern usage of watershed areas. The Rules and Regulations were last updated in 2014. In addition to a number of minor revisions clarify existing rules or better ensure public safety, key updates include: revisions to be consistent with the updated East Bay Watershed Master Plan which now allows bicycles on selected East Bay trails; extended smoking prohibitions in watershed areas to be more consistent with many of the adjacent open space and recreation jurisdictions; and a prohibition on glass bottles and containers along the Camanche Reservoir shoreline to reduce injury incidents and to be consistent with other areas that have encountered this problem.

- Motion by Director Young, seconded by Director Patterson, to approve the recommended action for Item 18, carried (6-0) by the following roll call vote: AYES (Katz, Linney, Mellon, Patterson, Young and McIntosh); NOES (None); ABSTAIN (None); ABSENT (Coleman).

Resolution No. 35128-18 – Amending Rules And Regulations Relating To Public Use Of East Bay Municipal Utility District Watershed, Reservoirs And Recreation Areas.

19. **General Manager's Report.**

General Manager Alexander R. Coate announced the Board received the Six-Month Forecast of Board Committee and Workshop Agenda Topics for 2019 and a Summary of the 2018 Committee and Workshop Topics memo and the November Monthly Report in their packets and the latest Speakers' Bureau and Outreach Record at their places. It was noted that some of the forecasted 2019 meeting dates in the Six-Month Forecast of Board Committee and Workshop Agenda Topics for 2019 and a Summary of the 2018 Committee and Workshop Topics memo need to be updated. General Manager Coate advised an updated memo will be provided at the next Board meeting and in conclusion, reminded the Board of Richard Sykes' retirement event immediately following the Board meeting.

REPORTS AND DIRECTOR COMMENTS

20. Committee Reports.

- Filed with the Board were the Finance/Administration Committee Minutes of November 27, 2018.

21. Other Items for Future Consideration.

- None.

22. Director Comments.

- Director Coleman reported attending/participating in the following events: ACWA Conference November 27-29 in San Diego; Water Foundation Event on December 3 in Oakland; and the Contra Costa Mayors' Conference on December 6 in Walnut Creek. He reported on plans to attend the East Bay Leadership Group Board meeting on December 14 in Oakland.
- Director Mellon reported attending/participating in the following events: ACWA Conference November 29, in San Diego; Alameda County Democrats Annual Party on December 5 in San Leandro; Contra Costa Mayors' Conference on December 6 in Walnut Creek; Alameda County Building Trades annual luncheon on December 7 in Oakland; and Leo Family Community Development event on December 8 in Oakland.

Directors Katz, Linney, Patterson, Young, and President McIntosh had no comment.

ADJOURNMENT

President McIntosh adjourned the meeting at 2:20 p.m.

SUBMITTED BY:

Rischa S. Cole, Secretary of the District

APPROVED: January 8, 2019

Lesla McIntosh, President of the Board



AGENDA NO. 3a.
 MEETING DATE January 8, 2019

TITLE SAN PABLO CLEARWELL AND RATE CONTROL STATION REPLACEMENT

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Award a contract to the lowest responsive/responsible bidder, Mountain Cascade, Inc., in the amount of \$41,213,000 for construction of San Pablo Clearwell and Rate Control Station (RCS) Replacement under Specification 2125.

SUMMARY

Work includes demolishing the existing San Pablo Clearwell and RCS, constructing two buried, pre-stressed concrete tanks and a new RCS, installing approximately 2,300 feet of steel pipe, and performing other required work at the San Pablo Water Treatment Plant site to improve staff safety, water quality, and long-term system reliability. This project was discussed at the October 16, 2018, Board of Directors Infrastructure Tour, which included a stop and presentation at the San Pablo Clearwell.

DISCUSSION

Constructed in 1922, the 5.4 million-gallon (MG) San Pablo Clearwell is an open-cut reservoir operated year-round as a distribution system storage reservoir. The clearwell has reached the end of its useful life: the existing concrete roof is structurally unsafe and leaking, the lining is at risk of failure, and the reservoir is poorly ventilated. The clearwell will be replaced with two 3.5 MG partially buried concrete tanks to improve seismic resilience. Construction will include a large valve vault and associated piping for operational control, including new inlet-outlet piping for the new tanks.

The San Pablo RCS is a critical facility that feeds the clearwell and provides water to the Central pressure zone, which serves the cities of Albany, Berkeley, El Cerrito, Kensington, Oakland, and Richmond. The mechanical piping in the RCS is undersized, resulting in cavitation that can damage the facility over time. Other facility deficiencies include corrosion, vault leakage, and safety issues due to the limited space in the vault. The RCS will be replaced with a more robust mechanical system with better access for maintenance.

Funds Available: FY18-19; CIP #000241; Page 28		Budget Code: WSC/570/7999/5561/2010697:25
DEPARTMENT SUBMITTING Engineering and Construction	DEPARTMENT MANAGER or DIRECTOR Xavier J. Irias	APPROVED General Manager

Contact the Office of the District Secretary with questions about completing or submitting this form.

This project will abandon or demolish approximately 3,700 feet of older distribution pipelines and install approximately 1,400 feet of large diameter steel transmission mains and 900 feet of distribution mains. This project supports the District's Long-Term Infrastructure Investment Strategic Plan goal.

BID RESULTS

Bid documents were issued to 22 resource organizations and 28 prospective bidders. Four bids were received, ranging from \$41,213,000 to \$53,522,000. The bid summary is attached. The engineer's estimate for this work is \$43,460,720.

The lowest responsive/responsible bidder, Mountain Cascade, Inc., is licensed to perform work in California, and is not on the State Department of Industrial Relations (DIR) debarment list. Mountain Cascade, Inc. and its listed subcontractors are properly registered with the State DIR. In the past five years, Mountain Cascade, Inc. has not filed a Government Code Claim, nor initiated any litigation, against the District.

SUSTAINABILITY

Economic

This item is included in the FY19 budget for the Open Cut Reservoir Rehabilitation Project.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

Work under this contract is subject to the payment of current prevailing wages according to determinations for each craft as established by the Director of Industrial Relations of the State of California.

Local 444 was notified of this contract on August 11, 2017 and did not raise any specific issues related to this contract.

The District has kept the surrounding community aware of the project through postcard mailings and a project website. In 2015, District staff invited the surrounding community onto the site for a tour of the proposed project. In response to community feedback, the project includes tree plantings to minimize visual impacts of the new infrastructure.

Environmental

The contractor will recycle demolished materials including concrete and asphalt to minimize traffic impacts to the surrounding community, and will keep all suitable materials onsite through the use of onsite stockpiling. This will significantly reduce the number of truck trips required to off haul and import materials from the site for excavation and backfill.

A Notice of Exemption was posted with the Contra Costa County Clerk on October 24, 2017.

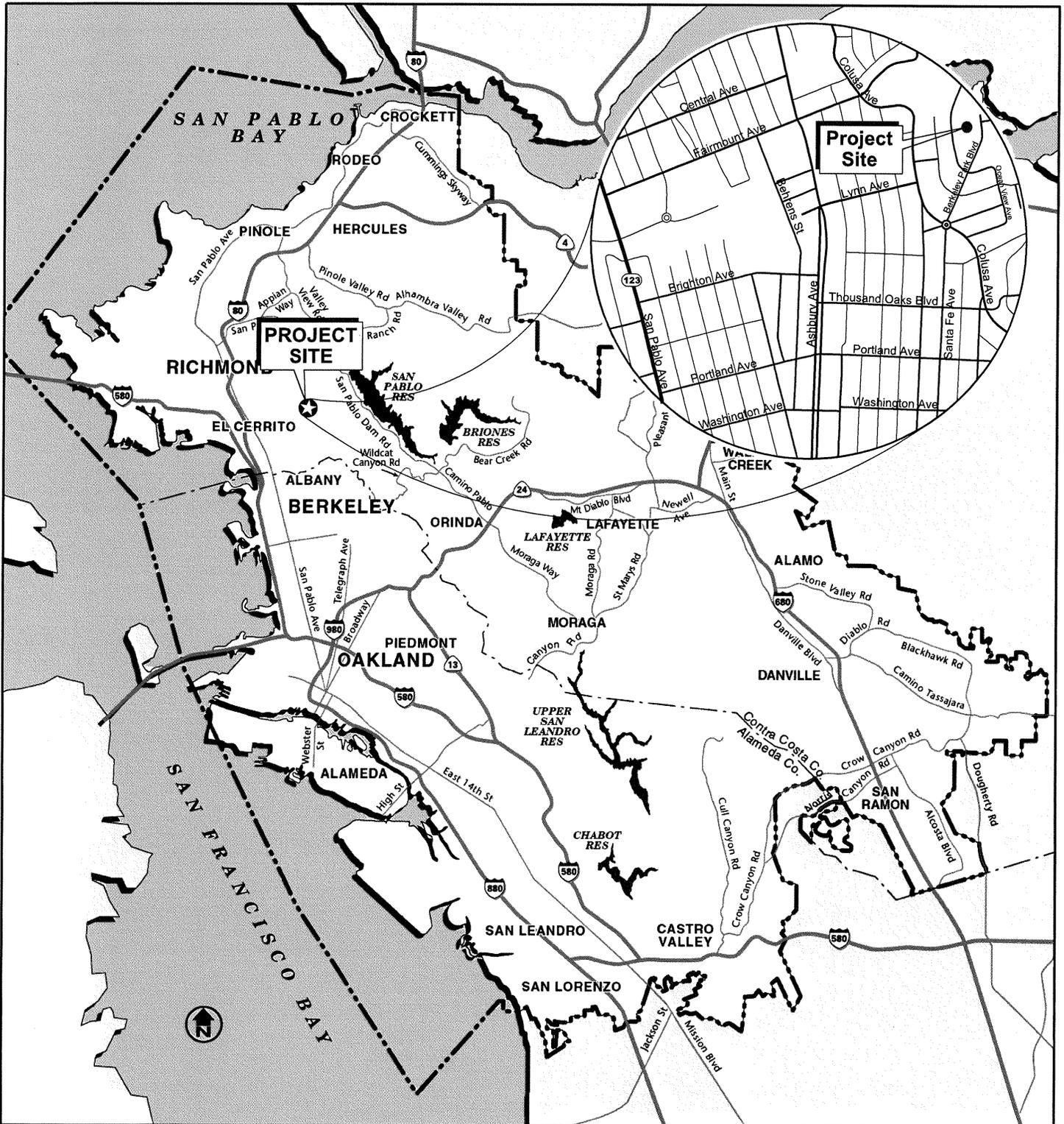
ALTERNATIVES

Do not complete the project. This alternative is not recommended because the San Pablo Clearwell and RCS are critical distribution facilities, and the age and condition of these structures pose safety and system reliability concerns.

Defer the project. This alternative is not recommended because these critical facilities have reached the end of their useful life and the aging and deteriorating conditions of the structures pose safety and system reliability concerns.

Attachments

Location Map
Bid Summary
P-035 - Contract Equity Program Summary
P-061 - Affirmative Action Summary



**PROJECT SITE
LOCATION MAP**

NOT TO SCALE

EAST BAY MUNICIPAL UTILITY DISTRICT

**SAN PABLO CLEARWELL AND
RATE CONTROL STATION REPLACEMENT**

SPECIFICATION 2125

EAST BAY MUNICIPAL UTILITY DISTRICT

SPECIFICATION 2125

SAN PABLO CLEARWELL AND RATE CONTROL STATION REPLACEMENT

Bids Opened November 28, 2018

	BIDDER	TOTAL AMOUNT BID
1.	Mountain Cascade, Inc. 555 Exchange Ct. Livermore, CA 94550 (925)373-8370	\$41,213,000
2.	Steve P. Rados, Inc. 2002 E. McFadden Ave., Ste. 200 Santa Ana, CA 92705 (714)835-4612	\$41,388,000
3.	Sierra Mountain Construction, Inc. 13919 Mono Wy. Sonora, CA 95370 (209) 928-1900	\$49,385,000
4.	Ranger Pipelines Incorporated P.O. Box 24109 San Francisco, CA 94124 (415)822-3700	\$53,522.00

Engineer's Estimate:

\$43,460,720



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE SPECIFICATION NO.: 2125 San Pablo Clearwell and Rate Control Station Replacement	DATE: December 6, 2018
---	----------------------------------

CONTRACTOR:		PERCENTAGE OF CONTRACT DOLLARS			
Mountain Cascade, Inc. Livermore, CA 94550	Local Business	Availability Group	Contracting Objectives	Participation	
BID/PROPOSER'S PRICE: \$41,213,000	FIRM'S OWNERSHIP		White Men	25%	96.9%
	Ethnicity	Gender	White Women	9%	1.3%
	White	Men	Ethnic Minorities	25%	1.8%

CONTRACT EQUITY PARTICIPATION										
COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION					
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit
PRIME:										
Mountain Cascade, Inc.	\$17,363,601	White	X		42.1%					
SUBS:										
Con J. Franke Electric, Inc.	\$2,087,000	White	X		5.1%					
W.C. Maloney	\$900,000	White	X		2.2%					
DN Tanks, Inc.	\$11,250,000	White	X		27.3%					
Drill Tech Drilling and Shoring, Inc.	\$1,345,000	White	X		3.3%					
Jeffco Painting & Coating, Inc.	\$436,000	White	X		1.1%					
Rebar International	\$292,761	White		X		0.7%				
James Long Construction Services, Inc.	\$249,000	White		X		0.6%				
Marina Landscape, Inc.	\$309,500	White	X		0.8%					
R & W Concrete Contractors	\$1,000,000	White	X		2.4%					
TOTAL	\$41,213,000				96.9%	1.3%	1.8%	0.0%	0.0%	0.0%

CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)				
	White Men	White Women	Ethnic Minorities	Total Employees
No. of Employees:	77	59	131	267
Percent of Total Employees:	28.8%	22.1%	49.1%	
MSA Labor Market %:	24.5%	21.6%	53.9%	
MSA Labor Market Location:	Alameda County			

COMMENTS

Contract Equity Participation - 96.9% White Men participation, 1.3% White Women participation, and 1.8% Ethnic Minority Participation

Workforce Profile & Statement of Nondiscrimination Submitted	Good Faith Outreach Efforts Requirement Satisfied	Award Approval Recommended
NA	YES	

CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation.
(Completed by District)

TITLE Specification No.: 2125 San Pablo Clearwell and Rate Control Station Replacement	DATE December 6, 2018
---	------------------------------

CONTRACT EQUITY PARTICIPATION (cont. from page one)

COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
SUBS:											
State Roofing Systems, Inc.	\$431,608	White	X		1.0%						
Ferguson Enterprises, Inc.	\$370,012	Hispanic	X					0.9%			
G2 Metal Fab, Inc.	\$370,012	Hispanic	X					0.9%			
Jifco, Inc.	\$4,000,000	White	X		9.7%						
Fencecorp, Inc.	\$100,000	White	X		0.2%						
Throop Lightweight Fill	\$32,000	White	X		0.1%						
Layfield Group	\$62,000	White	X		0.2%						
Collier Building Specialist	\$53,361	White	X		0.1%						
The Smith Company	\$22,845	White	X		0.1%						
Accurate Door Solutions, Inc.	\$9,000	White	X		0.0%						
ACME Fabricated Product Services	\$39,300	White	X		0.1%						
Argent Materials	\$490,000	White	X		1.2%						
Total	See page 1 for total										



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: San Pablo Clearwell and Rate Control Station Replacement		Ethnic Minority Percentages From U.S. Census Data								
				B	H	A/PI	AI/AN	TOTAL		
		National		10.5	10.7	3.7	0.7	27.3		
Spec. No.:	2125	DATE: 12/6/2018	9 Bay Area Counties		5.5	16.2	14.2	0.4	39.9	
			Alameda/CC Counties		10.7	15.6	15.4	0.5	46.2	
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees								
Company Name, Owner/Contact Person, Address, and Phone Number		B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %		
P	WM: LBE	Company Wide	3	126	2	2	133	49.8%	53.9%	
Mountain Cascade, Inc. Michael Duke Fuller 555 Exchange Ct. Livermore, CA 94551 925-373-8370		Manager/Prof	0	2	0	0	2	5.4%		
		Technical/Sales	0	1	0	0	0	0.0%		
		Clerical/Skilled	0	5	0	0	5	0.0%		
		Semi/Unskilled	3	118	2	2	125	59.5%		
		Bay Area	0	0	0	0	0	0.0%		39.9%
		AA Plan on File: NA	Date of last contract with District: NA							
		Co. Wide MSA: Alameda County	# Employees-Co. Wide: 267		Bay Area: 267					
S	WM: LBE	Company Wide	1	7	4	0	12	19.0%	47.4%	
Con J. Franke Electric, Inc. Lori Cass 317 N. Grant Street Stockton, CA 95202 209-462-0717		Manager/Prof	0	0	0	0	0	0.0%		
		Technical/Sales	0	1	0	0	1	100.0%		
		Clerical/Skilled	1	4	3	0	8	21.6%		
		Semi/Unskilled	0	2	1	0	3	17.6%		
		Bay Area	0	0	0	0	0	0.0%		39.9%
		Co. Wide MSA: San Joaquin	# Employees-Co. Wide: 63		Bay Area: 0					
S	WM: LBE	Company Wide	0	11	0	0	11	25.6%	47.4%	
W.C. Maloney Robert Manetti 4020 Nelson Road Stockton, CA 95205 209-942-1129		Manager/Prof	0	0	0	0	0	0.0%		
		Technical/Sales	0	0	0	0	0	0.0%		
		Clerical/Skilled	0	1	0	0	1	7.7%		
		Semi/Unskilled	0	10	0	0	10	41.7%		
		Bay Area	0	0	0	0	0	0.0%		39.9%
		Co. Wide MSA: San Joaquin	# Employees-Co. Wide: 43		Bay Area: 0					
S	WM	Company Wide	0	66	20	3	89	54.9%	38.6%	
DN Tanks, Inc. Sharon Stewart 351 Cypress Lane El Cajon, CA 92020 781-224-5118		Manager/Prof	1	18	4	1	24	36.9%		
		Technical/Sales	0	4	0	0	0	0.0%		
		Clerical/Skilled	0	32	10	2	0	0.0%		
		Semi/Unskilled	0	12	6	0	18	52.9%		
		Bay Area	0	0	0	0	0	0.0%		39.9%
		Co. Wide MSA:	# Employees-Co. Wide: 162		Bay Area: 0					
S	WM: LBE	Company Wide	3	126	5	1	135	39.7%	27.3%	
Drill Tech Drilling and Shoring, Inc. Scott J. Preble 2200 Wymore Way Antioch, CA 94509 925-978-2060		Manager/Prof	0	2	2	0	4	7.7%		
		Technical/Sales	0	0	0	0	0	0.0%		
		Clerical/Skilled	3	17	1	1	0	0.0%		
		Semi/Unskilled	0	107	2	0	109	54.5%		
		Bay Area	3	76	5	1	85	41.3%		39.9%
		Co. Wide MSA: Total USA	# Employees-Co. Wide: 340		Bay Area: 206					
S	WM: S/DVBE	Company Wide	2	21	2	0	25	43.1%	39.9%	
Jeffco Painting & Coating, Inc. Jeff Dortch 1260 Railroad Avenue Vallejo, CA 94592 707-562-1909		Manager/Prof	0	3	0	0	3	25.0%		
		Technical/Sales	0	0	0	0	0	0.0%		
		Clerical/Skilled	1	14	1	0	16	43.2%		
		Semi/Unskilled	1	4	1	0	6	66.7%		
		Bay Area	2	21	2	0	25	43.1%		39.9%
		Co. Wide MSA: 9 Bay Area Counties	# Employees-Co. Wide: 58		Bay Area: 58					

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: San Pablo Clearwell and Rate Control Station Replacement		Ethnic Minority Percentages From U.S. Census Data							
			B	H	A/PI	AI/AN			
Spec. No.:	2125	DATE: 12/6/2018	National		10.5	10.7	3.7	0.7	27.3
			9 Bay Area Counties		5.5	16.2	14.2	0.4	39.9
R=Recmmd P=Prime S=Sub		Composition of Ownership	Number of Ethnic Minority Employees						
Company Name, Owner/Contact Person, Address, and Phone Number			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %
S	WW: L/SBE	Company Wide	0	17	0	0	17	63.0%	39.9%
Rebar International Jennifer Yount 2021 Las Positas Court, #129 Livermore, CA 94551 925-215-7322		Manager/Prof	0	0	0	0	0	0.0%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	0	17	0	0	17	77.3%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	17	0	0	0	0.0%	
		Co. Wide MSA:	9 Bay Area Counties		# Employees-Co. Wide: 27		Bay Area: 27		
S	WW	Company Wide	0	0	0	0	0	0.0%	31.6%
James Long Construction Services, Inc. Brad Tucker 8560 Younger Creek Drive Sacramento, CA 95828 916-379-9524		Manager/Prof	0	0	0	0	0	0.0%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	0	0	0	0	0	0.0%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	0	0	0	0	0.0%	
		Co. Wide MSA:	Sacramento		# Employees-Co. Wide: 153		Bay Area: 98		
S	WM	Company Wide	0	213	31	0	244	83.3%	48.4%
Marina Landscape, Inc. Ali Tavakoli 3707 W. Garden Grove Blvd. Orange, CA 92868 714-939-6600		Manager/Prof	0	29	21	0	50	59.5%	
		Technical/Sales	0	6	1	0	0	0.0%	
		Clerical/Skilled	0	94	9	0	0	0.0%	
		Semi/Unskilled	0	84	0	0	84	97.7%	
		Bay Area	0	80	13	0	93	76.9%	
		Co. Wide MSA:	California		# Employees-Co. Wide: 293		Bay Area: 121		
S	WM	Company Wide	2	28	6	0	36	83.7%	39.9%
R & W Concrete Contractors Brian Rodrigues 1015 Terminal Way San Carlos, CA 94070 650-832-1067		Manager/Prof	0	2	1	0	3	60.0%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	2	16	4	0	22	88.0%	
		Semi/Unskilled	0	10	1	0	11	84.6%	
		Bay Area	1	13	4	0	18	78.3%	
		Co. Wide MSA:	9 Bay Area Counties		# Employees-Co. Wide: 43		Bay Area: 23		
S	WM: L/SBE	Company Wide	0	45	2	0	47	75.8%	53.9%
State Roofing Systems, Inc. Mary McAllister 15444 Hesperian Blvd. San Leandro, CA 94578 510-317-1477		Manager/Prof	0	0	0	0	0	0.0%	
		Technical/Sales	0	14	2	0	0	0.0%	
		Clerical/Skilled	0	21	0	0	0	0.0%	
		Semi/Unskilled	0	10	0	0	10	100.0%	
		Bay Area	0	45	2	0	47	75.8%	
		Co. Wide MSA:	Alameda County		# Employees-Co. Wide: 62		Bay Area: 62		
S		Company Wide	2,901	2,416	834	131	6,282	24.9%	27.3%
Ferguson Enterprises, Inc. Charlotte Murch 12500 Jefferson Avenue Newport News, VA 23602 757-989-2870		Manager/Prof	1,810	355	324	63	2,552	22.9%	
		Technical/Sales	420	1,014	203	42	1,679	19.8%	
		Clerical/Skilled	503	684	233	18	1,438	34.0%	
		Semi/Unskilled	168	363	74	8	613	44.3%	
		Bay Area	58	157	62	6	283	63.2%	
		Co. Wide MSA:	Total USA		# Employees-Co. Wide: 25,191		Bay Area: 448		

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: San Pablo Clearwell and Rate Control Station Replacement			Ethnic Minority Percentages From U.S. Census Data							
				B	H	A/PI	AI/AN	TOTAL		
Spec. No.:	2125	DATE: 12/6/2018	National	10.5	10.7	3.7	0.7	27.3		
			9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9		
			Alameda/CC Counties	10.7	15.6	15.4	0.5	46.2		
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees								
Company Name, Owner/Contact Person, Address, and Phone Number			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %	
S	EMM: H - L/SBE	Company Wide	0	4	2	0	6	42.9%	53.9%	
G2 Metal Fab, Inc. Orlando Gutierrez 6954 Preston Avenue Livermore, CA 94551 925-443-7903			Manager/Prof	0	1	0	1	33.3%		
			Technical/Sales	0	1	1	2	66.7%		
			Clerical/Skilled	0	2	1	3	42.9%		
			Semi/Unskilled	0	0	0	0	0.0%		
			Bay Area	0	4	2	6	42.9%		39.9%
			Co. Wide MSA: Alameda County	# Employees-Co. Wide: 14			Bay Area: 14			
S	WM: LBE	Company Wide	0	47	5	0	52	83.9%	53.9%	
Jifco, Inc. Jay Forni, Jr. 571 Exchange Court Livermore, CA 94550 925-449-4665			Manager/Prof	0	7	2	9	56.3%		
			Technical/Sales	0	1	0	1	33.3%		
			Clerical/Skilled	0	32	3	35	97.2%		
			Semi/Unskilled	0	7	0	7	100.0%		
			Bay Area	0	47	5	0	0.0%		39.9%
			Co. Wide MSA: Alameda County	# Employees-Co. Wide: 62			Bay Area: 62			
S	WM	Company Wide	0	119	0	0	119	87.5%	48.4%	
Fencecorp, Inc. Robert McPherson 18440 Van Buren Blvd. Riverside, CA 92508 951-686-3170			Manager/Prof	0	6	0	6	50.0%		
			Technical/Sales	0	9	0	9	50.0%		
			Clerical/Skilled	0	64	0	64	97.0%		
			Semi/Unskilled	0	40	0	40	100.0%		
			Bay Area	0	0	0	0	0.0%		39.9%
			Co. Wide MSA: California	# Employees-Co. Wide: 136			Bay Area: 0			
S	WM: L/SBE	Company Wide	INFORMATION NOT PROVIDED							
Throop Lightweight Fill Davison Vivit 4049 First Street., # 225 Livermore, CA 94551 408-896-5319									Manager/Prof	
									Technical/Sales	
									Clerical/Skilled	
									Semi/Unskilled	
									Bay Area	
			Co. Wide MSA:							
S	WM	Company Wide	INFORMATION NOT PROVIDED							
Layfield Group Jan Nichols 2500 Sweetwater Springs Blvd., Suite 110 Spring Valley, CA 91978 619-562-1200									Manager/Prof	
									Technical/Sales	
									Clerical/Skilled	
									Semi/Unskilled	
									Bay Area	
			Co. Wide MSA:							
S	WM	Company Wide	INFORMATION NOT PROVIDED							
Collier Building Specialist Charlie Kennedy 1485 Bayshore Blvd., #153 San Francisco, CA 94124 415-467-9235									Manager/Prof	
									Technical/Sales	
									Clerical/Skilled	
									Semi/Unskilled	
									Bay Area	
			Co. Wide MSA:							

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AGENDA NO. 3b.
 MEETING DATE January 8, 2019

TITLE LARGE DIAMETER VALVES AND ASSOCIATED EQUIPMENT FOR THE SAN PABLO CLEARWELL AND RATE CONTROL STATION REPLACEMENT

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Award a contract to the lowest responsive/responsible bidder Frank A. Olsen Company in an amount, after the addition of taxes, not to exceed \$227,747 for supplying large diameter valves, actuators and related equipment for the San Pablo Clearwell and Rate Control Station (RCS) Replacement, beginning on or after January 9, 2019 under Request for Quotation (RFQ) No. 1901.

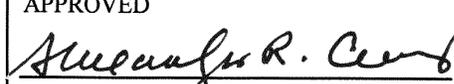
SUMMARY

RFQ No. 1901 is an equipment pre-purchase contract for the fabrication and delivery of 10 large diameter valves and associated equipment as part of Specification 2125, the San Pablo Clearwell and RCS Replacement. The scope of the supply agreement includes the following equipment:

- Flanged AWWA Butterfly Valve – one 48”, three 42”, and four 36” valves
- Ball valve – one 20” valve
- Motor actuator for ball valve – one actuator
- High Performance Butterfly Valve – one 24” valve
- Hydraulic actuator for high performance butterfly valve – one actuator
- Hydraulic control panel for the hydraulic actuator – one control panel

DISCUSSION

Specification 2125 includes the replacement of the San Pablo Clearwell, the San Pablo RCS, and several large transmission mains. RFQ No. 1901 includes equipment for construction of the new San Pablo RCS and large diameter transmission mains, which supports the District’s Long-Term Infrastructure Investment Strategic Plan goal. The RFQ advances the delivery of critical path equipment by four or more months, allowing the Specification 2125 contractor to meet key outage windows for system connections.

Funds Available: FY19		Budget Code: 551/2010697/7999/22/var	
DEPARTMENT SUBMITTING	DEPARTMENT MANAGER or DIRECTOR	APPROVED	
Finance	 Sophia D. Skoda	 General Manager	

Contact the Office of the District Secretary with questions about completing or submitting this form.

The San Pablo RCS feeds the San Pablo Clearwell and provides water to the Central Pressure Zone, which serves the cities of Albany, Berkeley, El Cerrito, Kensington, Oakland, and Richmond. The San Pablo RCS facility has several critical deficiencies: the mechanical piping is undersized and corroded; the rate control valve cavitates; and the vault has leakage and safety issues. The RCS will be replaced with a more robust mechanical system with better access for maintenance.

Specification 2125 will also replace old, undersized transmission mains. The onsite distribution system is a patchwork of pipeline additions and repairs executed over one hundred years of operation. This project presents an opportunity to abandon or demolish approximately 3,700 feet of aging distribution pipelines. The project will install approximately 1,400 feet of large diameter steel pipe and 900 feet of distribution mains to ensure service to the area into the future.

VENDOR SELECTION

RFQs were sent to three resource organizations and to 170 potential proposers, advertised in the Oakland Tribune and posted to the District's website.

SUSTAINABILITY

Economic

This item is included in the FY19 budget for the Open Cut Reservoir Rehabilitation Project.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

ALTERNATIVES

Postpone purchase of valves and related equipment. This alternative is not recommended because of the lead times needed for the manufacturing and delivery of the equipment.

Rebid the RFQ. This alternative is not recommended as the District engaged in a fair and competitive bid process.

Attachments

P-035 – Contract Equity Program Summary
P-061 – Affirmative Action Summary



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE QUOTE NO.: 1901 Large Diameter Valves and Associated Equipment for the San Pablo Clearwell and Rate Control Station Replacement						DATE: December 31, 2018						
CONTRACTOR: Frank A. Olsen Company Livermore, CA 94551				Local Business / Sole Proposer		PERCENTAGE OF CONTRACT DOLLARS						
BID/PROPOSER'S PRICE: \$227,747		FIRM'S OWNERSHIP		Availability Group		Contracting Objectives		Participation				
		Ethnicity		Gender		White Men		25%		100.0%		
		White		Men		White Women		2%		0.0%		
		Ethnic Minorities		Ethnic Minorities		25%		0.0%				
CONTRACT EQUITY PARTICIPATION												
COMPANY NAME		ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
				M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIME: Frank A. Olsen Company		\$227,747	White	X		100.0%						
SUBS: None												
TOTAL		\$227,747				100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)												
		White Men		White Women		Ethnic Minorities		Total Employees				
No. of Employees:		9		2		3		14				
Percent of Total Employees:		64.3%		14.3%		21.4%						
MSA Labor Market %:		28.0%		23.8%		48.4%						
MSA Labor Market Location:		California										
COMMENTS												
Contract Equity Participation - 100% White Men participation.												
Workforce Profile & Statement of Nondiscrimination Submitted				Good Faith Outreach Efforts Requirement Satisfied				Award Approval Recommended				
NA				NA								



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Large Diameter Valves and Associated Equipment for the San Pablo Clearwell and Rate Control Station Replacement		Ethnic Minority Percentages From U.S. Census Data							
			B	H	A/PI	AI/AN	TOTAL		
Quote No.: 1901		DATE: 12/31/2018	National	10.5	10.7	3.7	0.7	27.3	
R=Recmmd P=Prime S=Sub		Composition of Ownership	9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9	
			Alameda/CC Counties	10.7	15.6	15.4	0.5	46.2	
Company Name, Owner/Contact Person, Address, and Phone Number		Number of Ethnic Minority Employees							
			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %
RP	WM: LBE	Company Wide	0	2	0	0	2	14.3%	27.3%
Frank A. Olsen Sharon Viramontes 286 Rickenbacker Circle Livermore, CA 94551 925-961-8888		Manager/Prof	0	0	0	0	0	0.0%	
		Technical/Sales	0	1	0	0	1	14.3%	
		Clerical/Skilled	0	0	0	0	0	0.0%	
		Semi/Unskilled	0	1	0	0	1	100.0%	
		Bay Area	0	2	0	0	2	14.3%	39.9%
		AA Plan on File: NA	Date of last contract with District: NA						
		Co. Wide MSA: California	# Employees-Co. Wide: 14		Bay Area: 14				
P	WM	Company Wide	1	71	9	2	83	43.9%	39.9%
R & B Company Carolyn Barela 605 Commercial Street San Jose, CA 95112 408-436-1699		Manager/Prof	0	9	0	0	9	22.5%	
		Technical/Sales	1	12	3	0	16	29.1%	
		Clerical/Skilled	0	10	4	0	14	50.0%	
		Semi/Unskilled	0	40	2	2	44	66.7%	
		Bay Area	1	52	8	1	62	48.4%	39.9%
		Co. Wide MSA: 9 Bay Area Counties	# Employees-Co. Wide: 189		Bay Area: 128				

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AGENDA NO. 4.
 MEETING DATE January 8, 2019

TITLE VARIOUS SIZED STEEL MORTAR-LINED PIPE FITTINGS

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Award a contract to the lowest responsive/responsible bidder, Southland Pipe Corporation, in an annual amount, after the addition of taxes, not to exceed \$280,000 for supplying various sized steel mortar-lined pipe fittings for three years, beginning on or after January 9, 2019 with two options to renew for an additional one-year period for a total cost of \$1,400,000 under Request for Quotation (RFQ) No. 1906.

SUMMARY

The fittings required under this contract will be used in the District's water distribution system for replacements and new installations. The estimated quantity of 2,385 pipe fittings included in the RFQ was based on historical data and departmental input, however, the District is not committed to purchasing the specific quantities described; purchases will be made only to meet specific District needs. This purchase supports the District's Long-Term Infrastructure Investment Strategic Plan goal.

VENDOR SELECTION

RFQs were sent to 219 potential proposers, advertised in the Oakland Tribune and posted to the District's website. A total of three bids were received.

SUSTAINABILITY

Economic

This item is included in the FY19 budget and funds will be requested, as necessary, in future budget years.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

Funds Available: FY19		Budget Code: 8621/1775
DEPARTMENT SUBMITTING Finance	DEPARTMENT MANAGER or DIRECTOR Sophia D. Skoda	APPROVED General Manager

Contact the Office of the District Secretary with questions about completing or submitting this form.

Various Sized Steel Mortar-Lined Pipe Fittings
January 8, 2019
Page 2

ALTERNATIVES

Purchase materials on the open market. This alternative is not recommended. The proposed contract ensures greater price stability, which is beneficial due to the increasing volatility of steel pricing. Contractual purchasing of this material also insures material availability and effective quality control.

Reject all bids and rebid. This alternative is not recommended. The qualifying bid is competitive given current market conditions.

Attachments

P-035 – Contract Equity Program Summary
P-061 – Affirmative Action Summary

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CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE <i>QUOTE NO.:</i> 1906 Various Sized Steel Mortar-Lined Pipe Fittings - Three-Year Contract with 2 One-Year Renewal Options					DATE: December 14, 2018						
CONTRACTOR: Southland Pipe Corporation Rialto, CA 91701				Small Business		PERCENTAGE OF CONTRACT DOLLARS					
BID/PROPOSER'S PRICE:		FIRM'S OWNERSHIP		White Men		Contracting Objectives		Participation			
\$280,000 /yr.*		Ethnicity	Gender	White Women		25%		0.0%			
		White	Women	Ethnic Minorities		2%		100.0%			
				Ethnic Minorities		25%		0.0%			
CONTRACT EQUITY PARTICIPATION											
COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
<i>PRIME:</i> Southland Pipe Corporation	\$280,000	White		X	0.0%	100.0%					
<i>SUBS:</i> None											
TOTAL	\$280,000				0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)											
	White Men		White Women		Ethnic Minorities		Total Employees				
No. of Employees:	7		1		27		35				
Percent of Total Employees:	20.0%		2.9%		77.1%						
MSA Labor Market %:	28.2%		23.4%		48.3%						
MSA Labor Market Location:	Riverside-San Bernadino										
COMMENTS											
<i>Contract Equity Participation</i> - 100% White Women participation.											
*Total not to exceed: \$1,400,000.00											
Workforce Profile & Statement of Nondiscrimination Submitted				Good Faith Outreach Efforts Requirement Satisfied				Award Approval Recommended			
NA				NA							



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Various Sized Steel Mortar-Lined Pipe Fittings - Three-Year Contract with 2 One-Year Renewal Options		Ethnic Minority Percentages From U.S. Census Data							
			B	H	A/PI	AI/AN	TOTAL		
Quote No.: 1906	DATE: 12/14/2018	National	10.5	10.7	3.7	0.7	27.3		
		9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9		
		Alameda/CC Counties	10.7	15.6	15.4	0.5	46.2		
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees							
Company Name, Owner/Contact Person, Address, and Phone Number			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %
RP	WW: SBE	Company Wide	0	27	0	0	27	77.1%	48.3%
Southland Pipe Corporation Lisa Cartwright 1230 W. Durst Drive Rialto, CA 92376 909-873-3820		Manager/Prof	0	3	0	0	3	33.3%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	0	9	0	0	9	100.0%	
		Semi/Unskilled	0	15	0	0	15	100.0%	
		Bay Area	0	0	0	0	0	0.0%	
		AA Plan on File: NA	Date of last contract with District: NA						
		Co. Wide MSA: Riverside-San Bernadino	# Employees-Co. Wide: 35		Bay Area: 0				
P	EMM: A/PI	Company Wide	0	34	0	0	34	70.8%	48.3%
West Coast Pipe Roy Jung 2180 N. Locust Avenue Rialto, CA 92377 909-877-9999		Manager/Prof	0	0	0	0	0	0.0%	
		Technical/Sales	0	1	0	0	1	16.7%	
		Clerical/Skilled	0	26	0	0	26	81.3%	
		Semi/Unskilled	0	7	0	0	7	100.0%	
		Bay Area	0	0	0	0	0	0.0%	
		Co. Wide MSA: Riverside-San Bernadino	# Employees-Co. Wide: 48		Bay Area: 0				
P	EMM: H	Company Wide	0	4	0	0	4	100.0%	52.1%
Core & Main, LP Nichelle James-Mickens 1699 S. 10th Street San Jose, CA 95112 678-258-7578		Manager/Prof	0	2	0	0	2	100.0%	
		Technical/Sales	0	1	0	0	1	100.0%	
		Clerical/Skilled	0	1	0	0	1	100.0%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	0	0	0	0	0.0%	
		Co. Wide MSA: San Jose	# Employees-Co. Wide: 33		Bay Area: 0				

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AGENDA NO.
MEETING DATE

5.
January 8, 2019

TITLE ORACLE DATABASE SOFTWARE LICENSING AND MAINTENANCE RENEWAL

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Award a contract beginning on or after January 8, 2019, to Dynamic Systems, Inc. (formally GovStor, Inc.) in an amount, after the addition of taxes, not to exceed \$420,500 for supplying Oracle database software licensing and maintenance services for one year.

SUMMARY

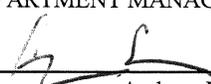
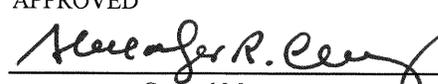
The District uses Oracle database software to support its Customer, Financial, Human Resources, Work Management and Maximo computer information systems. This contract will provide continued licensing to use Oracle, receive software and security updates, and access remote technical support.

DISCUSSION

Technical support for Oracle is required to ensure that District staff has access to experts when resolving complex system administration issues and responding to any potential operational problems. Periodic updates are important to ensure up-to-date security patches are available, maintain software current with technology, and assure compatibility of the Oracle software with other software products. This contract supports the District's Long-Term Financial Stability Strategic Plan goal by implementing technologies that improve the efficiency and effectiveness of business processes.

VENDOR SELECTION

Dynamic Systems, Inc. has been the lowest responsive/responsible bidder on all previous competitive bidding processes for these services since 2005. Dynamic Systems, Inc. receives manufacturer discounts that result in savings to the District. Given pricing structures and manufacturers' discounts, staff has confirmed that should the District conduct a bid process, Dynamic Systems, Inc. would prevail as the low bidder. This direct award contract is cost effective, and ensures optimal service and support by using a single vendor for all Oracle products and services.

Funds Available: FY19		Budget Code: WSO/252/8547/5243
DEPARTMENT SUBMITTING <u>Information Systems</u>	DEPARTMENT MANAGER or DIRECTOR  Andrew J. Levine	APPROVED  General Manager

Contact the Office of the District Secretary with questions about completing or submitting this form.

SUSTAINABILITY

Economic

This item is included in the FY19 operating budget.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

ALTERNATIVES

Select a different database product. This alternative is not recommended because there are no alternative database systems compatible with the District's inventory of software applications.

Do not procure support and software update licenseing. This alternative is not recommended because the District requires access to technical support to resolve data management issues and software updates to ensure that any newly discovered security vulnerabilities can be addressed. Without licenseing for support and software updates the District's information systems could be compromised.

Attachments

P-035 – Contract Equity Program Summary

P-061 – Affirmative Action Summary



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE General Services Agreement Oracle Database Software License & Maintenance Renewal - One-Year Contract						DATE: December 4, 2018					
CONTRACTOR:			Small Business / Direct Award			PERCENTAGE OF CONTRACT DOLLARS					
Dynamic Systems, Inc. El Segundo, CA 90245						Availability Group		Contracting Objectives		Participation	
BID/PROPOSER'S PRICE:		FIRM'S OWNERSHIP			White Men		25%		0.0%		
\$420,500		Ethnicity	Gender		White Women		6%		100.0%		
		White	Women		Ethnic Minorities		25%		0.0%		
CONTRACT EQUITY PARTICIPATION											
COMPANY NAME		ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION					
				M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit
PRIME: Dynamic Systems, Inc.		\$420,500	White			X		100.0%			
SUBS: None											
TOTAL		\$420,500				0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)											
			White Men		White Women		Ethnic Minorities		Total Employees		
No. of Employees:			39		21		11		71		
Percent of Total Employees:			54.9%		29.6%		15.5%				
MSA Labor Market %:			39.0%		33.7%		27.3%				
MSA Labor Market Location:			Total USA								
COMMENTS											
Contract Equity Participation - 100% White Women participation.											
Workforce Profile & Statement of Nondiscrimination Submitted				Good Faith Outreach Efforts Requirement Satisfied				Award Approval Recommended			
NA				NA							



AGENDA NO.
MEETING DATE

6a.
January 8, 2019

**TITLE ADMINISTRATION BUILDING HEATING, VENTILATION, AND AIR
 CONDITIONING SYSTEMS UPGRADE**

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Award a contract to the lowest responsive/responsible bidder, Bay City Mechanical, Inc., in the amount of \$11,265,800 for construction of Administration Building Heating, Ventilation, and Air Conditioning (HVAC) Systems Upgrade project under Specification 2130.

SUMMARY

Work includes upgrading the HVAC systems, the uninterruptible power supply equipment, the power distribution units; and all other related required work shown or specified in the contract documents at the District's Administration Building at 375 Eleventh Street, Oakland. This project was discussed at the July 26, 2016 Sustainability/Energy Committee meeting.

DISCUSSION

The Administration Building's HVAC mechanical equipment needs replacement due to age, deteriorating condition and obsolescence. The upgrade will: replace boilers, chillers, cooling towers and air conditioning units for improved reliability and efficiency; install digital controls for improved control of heating and cooling office spaces; replace backup power equipment to ensure continuous operation of critical building equipment in the event of utility power outages; and install electrical facilities to furnish a secondary power source to the Data Center to maintain continuous operation of business servers.

The project supports the District's Water Quality and Environmental Protection and Long-Term Infrastructure Investment Strategic Plan goals.

BID RESULTS

Bid documents were issued to 21 resource organizations and 34 prospective bidders. Two bids were received, ranging from \$11,265,800 to \$20,997,000. The bid summary is attached. The engineer's estimate for this work is \$9,500,000. The range of bids is higher than the engineer's estimate due to low

Funds Available: FY18-19; CIP #003033; Page 3		Budget Code: WSC/570/7999/5561/2010965:25
DEPARTMENT SUBMITTING Engineering and Construction	DEPARTMENT MANAGER or DIRECTOR <i>Xavier J. Irias</i> Xavier J. Irias	APPROVED <i>Stephan R. Cumb</i> General Manager

Contact the Office of the District Secretary with questions about completing or submitting this form.

Administration Building Heating, Ventilation, and Air Conditioning Systems Upgrade

January 8, 2019

Page 2

bidder turnout related to the current Bay Area construction market, and to uncertainty inherent in estimating construction contingencies related to risk associated with performing work in an operating building.

The lowest responsive/responsible bidder, Bay City Mechanical, Inc., is licensed to perform work in California, and is not on the State Department of Industrial Relations (DIR) debarment list. Bay City Mechanical, Inc. and its listed subcontractors are properly registered with the State DIR. In the past five years, Bay City Mechanical, Inc. has not filed a Government Code Claim against the District, nor initiated any litigation against the District.

SUSTAINABILITY

Economic

This item is included in the FY18-19 budget for the Administration Building Modifications project. Economic benefits from the project include reduced energy costs for operating the Administration Building and lower maintenance costs associated with upgraded mechanical and electrical equipment. The project will improve the reliability of the Data Center, which is the core data management tool for District operations and communications. The improvements will provide for more energy efficient temperature control and improved power reliability.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

Improved reliability of the HVAC system and better control of conditioned air to office spaces is expected to enhance the workplace environment and productivity.

Work under this contract is subject to the payment of current prevailing wages according to determinations for each craft as established by the Director of Industrial Relations of the State of California.

Local 444 was notified of this work on January 26, 2018. Local 444 issues were addressed at meetings on February 5, 2018 and March 1, 2018 and resolved.

Environmental

A Notice of Exemption was posted with the Alameda County Clerk on December 15, 2016. The project will result in energy and water savings due to the use of more efficient HVAC system design and equipment. Savings consist of \$80,000/year of energy costs, 60 percent reduction in natural gas use, 30 percent reduction in greenhouse gas emissions, 30 percent reduction in water use, and \$120,000/year reduction in equipment maintenance contracts. In addition, replacing the current obsolete systems will result in use of more environmentally favorable materials.

ALTERNATIVES

Do not complete the project. This alternative is not recommended because the project is needed to address overall system reliability, as existing equipment is obsolete and unreliable. The project will improve energy efficiency and reliability of HVAC and power systems, while enhancing building temperature controls. The District would continue to incur higher energy and maintenance costs if the project is not completed.

Reject all bids and re-bid. This alternative is not recommended because the project is needed to address system reliability, as described above. The District reviewed the bids and determined that the low bid is reasonable for the upgrade being constructed. Because of construction contracting trends, it is not anticipated that bid results could be improved by re-bidding at a date in the near future.

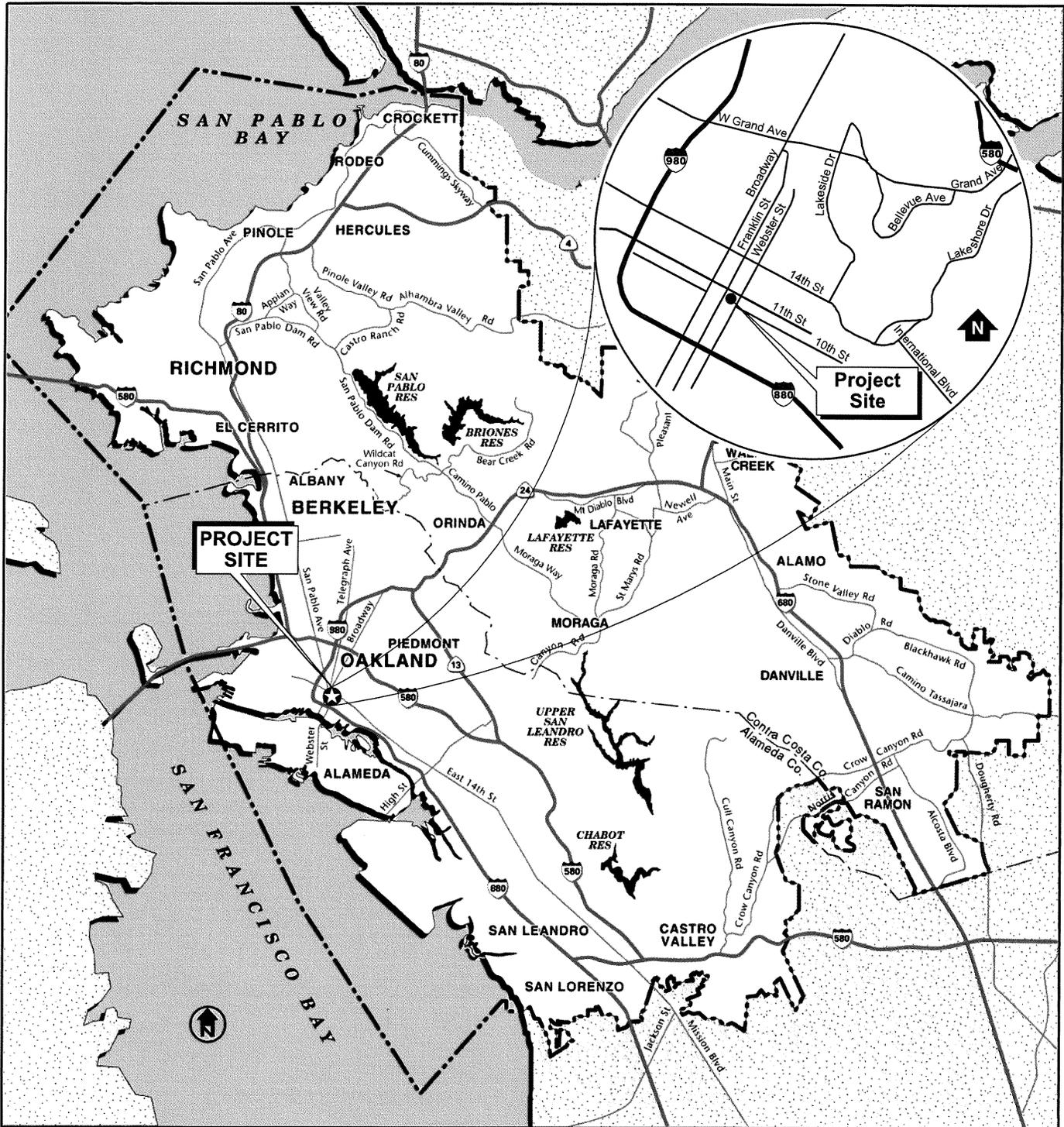
Attachments

Location Map

Bid Summary

P-035 – Contract Equity Program Summary

P-061 – Affirmative Action Summary



**PROJECT SITE
LOCATION MAP**

NOT TO SCALE

EAST BAY MUNICIPAL UTILITY DISTRICT

**ADMINISTRATION BUILDING
HVAC SYSTEMS UPGRADE**

SPECIFICATION 2130

EAST BAY MUNICIPAL UTILITY DISTRICT
SPECIFICATION 2130
ADMINISTRATION BUILDINGS HVAC SYSTEMS UPGRADE
Bids Opened December 19, 2018

	BIDDER	TOTAL AMOUNT BID
1.	Bay City Mechanical, Inc. 4124 Lakeside Dr. Richmond, CA 94806 (510) 275-2293	\$11,265,800
2.	Dowdle & Sons Mechanical, Inc. (SBE/DVBE) 100 Tower Rd. American Canyon, CA 94503 (707) 224-6968	\$20,997,000 / \$20,747,000*

SBE/DVBE – Small Business Enterprise or Disabled Veteran Business Enterprise

*Effective Bid Amount due to SBE/DVBE discount (5% of the low bid amount, not to exceed \$250,000)

Engineer's Estimate: \$9,500,000



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE SPECIFICATION NO.: 2130 Administration Building Heating, Ventilation, and Air Conditioning Systems Upgrade						DATE: December 27, 2018						
CONTRACTOR:				PERCENTAGE OF CONTRACT DOLLARS								
Bay City Mechanical, Inc. Richmond, CA 94806 Local Business				Availability Group		Contracting Objectives		Participation				
BID/PROPOSER'S PRICE:		FIRM'S OWNERSHIP		White Men		25%		94.7%				
		Ethnicity	Gender	White Women		9%		3.6%				
\$11,265,800		White	Men	Ethnic Minorities		25%		1.8%				
CONTRACT EQUITY PARTICIPATION												
COMPANY NAME		ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
				M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIME:												
Bay City Mechanical, Inc.		\$8,485,800	White	X		75.3%						
SUBS:												
Norman S. Wright		\$600,000	White	X		5.3%						
James Hocan		\$30,000	White	X		0.3%						
Conservation Mechanical		\$500,000	White	X		4.4%						
Heat Transfer Equipment Company, Inc.		\$250,000	White	X		2.2%						
Bigge Crane & Rigging		\$200,000	White	X		1.8%						
Pacific Test and Balance		\$300,000	White		X		2.7%					
Sigler Corporation		\$100,000	White		X		0.9%					
J & E Construction, Inc.		\$200,000	Hispanic	X				1.8%				
Debellar Insulation		\$600,000	White	X		5.3%						
TOTAL		\$11,265,800				94.7%	3.6%	1.8%	0.0%	0.0%	0.0%	0.0%
CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)												
		White Men		White Women		Ethnic Minorities		Total Employees				
No. of Employees:		134		14		69		217				
Percent of Total Employees:		61.8%		6.5%		31.8%						
MSA Labor Market %:		32.3%		27.8%		39.9%						
MSA Labor Market Location:		9 Bay Area Counties										
COMMENTS												
Contract Equity Participation - 94.7% White Men participation, 3.6% White Women participation, and 1.8% Ethnic Minority participation.												
Workforce Profile & Statement of Nondiscrimination Submitted				Good Faith Outreach Efforts Requirement Satisfied				Award Approval Recommended				
NA				YES								



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Administration Building Heating, Ventilation, and Air Conditioning Systems Upgrade		Ethnic Minority Percentages From U.S. Census Data							
			B	H	A/PI	AI/AN			
Spec. No.: 2130	DATE: 12/27/2018	National	10.5	10.7	3.7	0.7	27.3		
		9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9		
		Alameda/CC Counties	10.7	15.6	15.4	0.5	46.2		
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees							
Company Name, Owner/Contact Person, Address, and Phone Number			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %
RP	WM: LBE	Company Wide	74	0	0	0	74	33.3%	39.9%
Bay City Mechanical Bobbie Amos 4124 Lakeside Drive Richmond, CA 94806 510-275-2293		Manager/Prof	5	0	0	0	5	29.4%	
		Technical/Sales	6	0	0	0	6	46.2%	
		Clerical/Skilled	41	0	0	0	41	30.8%	
		Semi/Unskilled	22	0	0	0	22	37.3%	
		Bay Area	74	0	0	0	74	33.3%	
AA Plan on File: NA		Date of last contract with District: NA							
Co. Wide MSA: Insert MSA		# Employees-Co. Wide: 222		Bay Area: 0					
S	WM	Company Wide	6	18	79	0	103	41.7%	39.9%
Norman S. Wright Aaron Avila 99A S. Hill Drive San Francisco, CA 94005 415-617-6192		Manager/Prof	3	2	36	0	41	33.6%	
		Technical/Sales	0	10	21	0	31	39.7%	
		Clerical/Skilled	3	5	18	0	26	63.4%	
		Semi/Unskilled	0	1	4	0	5	83.3%	
		Bay Area	6	18	79	0	103	41.7%	
Co. Wide MSA: 9 Bay Area Counties		# Employees-Co. Wide: 247		Bay Area: 247					
S	WM	Company Wide	0	26	0	0	26	42.6%	48.4%
Total Environmental Management, Inc. Mark R. Pickering 1415 N. Burton Place Anaheim, CA 92806 714-678-3300		Manager/Prof	0	1	0	0	1	10.0%	
		Technical/Sales	0	2	0	0	2	28.6%	
		Clerical/Skilled	0	23	0	0	23	52.3%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	3	0	0	3	60.0%	
Co. Wide MSA: California		# Employees-Co. Wide: 61		Bay Area: 5					
S	WM: L/SBE	Company Wide	0	0	1	0	1	10.0%	48.4%
Conservation Mechanical Systems, Inc. Thomas Weaver 732 Alfred Nobel Drive Hercules, CA 94547 510-791-7900		Manager/Prof	0	0	1	0	1	10.0%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	0	0	0	0	0	0.0%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	0	0	0	0	0.0%	
Co. Wide MSA: California		# Employees-Co. Wide: 10		Bay Area: 0					
S	WM: SBE	Company Wide	0	1	1	0	2	15.4%	48.4%
Heat Transfer Equipment Company, Inc. Lance L. Amato 175 Harvard Avenue Half Moon Bay, CA 94019 650-873-4353		Manager/Prof	0	0	0	0	0	0.0%	
		Technical/Sales	0	0	1	0	1	11.1%	
		Clerical/Skilled	0	1	0	0	1	33.3%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	0	0	0	0	0.0%	
Co. Wide MSA: California		# Employees-Co. Wide: 13		Bay Area: 0					
S	WM: LBE	Company Wide	47	137	41	11	236	37.4%	48.4%
Bigge Crane and Rigging Co. Randall Smith 10700 Bigge Avenue San Lenadro, CA 94577 510-638-8100		Manager/Prof	2	11	20	0	33	32.4%	
		Technical/Sales	1	9	1	0	11	26.2%	
		Clerical/Skilled	31	77	16	9	133	37.7%	
		Semi/Unskilled	13	40	4	2	59	44.0%	
		Bay Area	0	0	0	0	0	0.0%	
Co. Wide MSA: California		# Employees-Co. Wide: 631		Bay Area: 0					

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Administration Building Heating, Ventilation, and Air Conditioning Systems Upgrade		Ethnic Minority Percentages From U.S. Census Data							
			B	H	A/PI	AI/AN	TOTAL		
Spec. No.: 2130	DATE:	National	10.5	10.7	3.7	0.7	27.3		
	12/27/2018	9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9		
		Alameda/CC Counties	10.7	15.6	15.4	0.5	46.2		
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees							
Company Name, Owner/Contact Person, Address, and Phone Number			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %
S	WW	Company Wide	0	1	2	0	3	17.6%	39.9%
Pacific Test and Balance Jenelle Huffman 4771 Mangels Blvd. Fairfield, CA 94534 707-696-2444		Manager/Prof	0	0	0	0	0	0.0%	
		Technical/Sales	0	1	0	0	1	50.0%	
		Clerical/Skilled	0	0	2	0	2	16.7%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	1	2	0	3	17.6%	39.9%
707-696-2444		Co. Wide MSA:	9 Bay Area Counties		# Employees-Co. Wide:		17	Bay Area:	17
S	WW	Company Wide	21	212	37	0	270	40.0%	27.3%
Sigler Commercial Kim Jackson 9702 W. Tonto Street Tolleson, AZ 95353 623-388-5100		Manager/Prof	3	37	12	0	0	0.0%	
		Technical/Sales	6	95	11	3	115	40.9%	
		Clerical/Skilled	2	23	2	0	27	27.8%	
		Semi/Unskilled	10	57	12	1	0	0.0%	
		Bay Area	0	0	0	0	0	0.0%	39.9%
623-388-5100		Co. Wide MSA:	Total USA		# Employees-Co. Wide:		675	Bay Area:	0
S	EMM: H	Company Wide	0	8	1	0	9	100.0%	39.9%
J & E Construction Lorraine Gonzales 351 Kenyon Way Vallejo, CA 94589 707-643-8264		Manager/Prof	0	3	0	0	3	100.0%	
		Technical/Sales	0	2	1	0	3	100.0%	
		Clerical/Skilled	0	0	0	0	0	0.0%	
		Semi/Unskilled	0	3	0	0	3	100.0%	
		Bay Area	0	8	1	0	0	0.0%	39.9%
707-643-8264		Co. Wide MSA:	9 Bay Area Counties		# Employees-Co. Wide:		9	Bay Area:	0
S	WM	Company Wide	0	3	4	0	7	13.5%	39.9%
Debella Mechanical, Inc. Paul Debella 605 Nuttman Street Santa Clara, CA 95054 408-980-8741		Manager/Prof	0	3	2	0	5	50.0%	
		Technical/Sales	0	0	2	0	2	100.0%	
		Clerical/Skilled	0	0	0	0	0	0.0%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	3	0	0	0	0.0%	39.9%
408-980-8741		Co. Wide MSA:	9 Bay Area Counties		# Employees-Co. Wide:		52	Bay Area:	0
P	WM: L/SBE	Company Wide	0	11	0	1	12	33.3%	28.8%
Dowdle & Sons Mechanical, Inc. Shelley Dowdle 100 Tower Road American Canyon, CA 94503 707-224-6968		Manager/Prof	0	2	0	1	3	30.0%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	0	8	0	0	8	34.8%	
		Semi/Unskilled	0	1	0	0	1	50.0%	
		Bay Area	0	0	0	0	0	0.0%	39.9%
707-224-6968		Co. Wide MSA:	Napa County		# Employees-Co. Wide:		36	Bay Area:	0

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AGENDA NO.
MEETING DATE

6b.
January 8, 2019

**TITLE ADMINISTRATION BUILDING HEATING, VENTILATION, AND AIR
 CONDITIONING SYSTEMS UPGRADE – CONSTRUCTION MANAGEMENT
 SUPPORT SERVICES**

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Authorize an agreement beginning on or after January 8, 2019 with Consolidated CM, Inc. (CCM) in an amount not to exceed \$990,048 for construction management support services for the Administration Building Heating, Ventilation, and Air Conditioning (HVAC) Systems Upgrade project. In awarding this contract, the Board of Directors finds that this work cannot be satisfactorily performed under civil service.

SUMMARY

District staff will perform construction management for the Administration Building HVAC Systems Upgrade project. CCM will provide personnel to supplement the District construction management staff during peak workload periods, nights and weekends.

DISCUSSION

The Administration Building HVAC Systems Upgrade project will improve the HVAC system at the Administration Building. The scope includes replacing aging central plant equipment including boilers, chillers, and cooling towers with modern air handling equipment. Additionally, the project will upgrade the uninterruptible power supply equipment, server racks and chimneys, and Data Center fire protection equipment, retrofit 330 variable air volume terminal boxes with direct digital controls, and integrate the new system into the existing building management control system.

This project supports the District’s Water Quality and Environmental Protection and Long-Term Infrastructure Investment Strategic Plan goals.

The construction work is expected to take 30 months. District staff will perform overall construction management and oversight. CCM will provide the necessary field staff required for inspection including building-code required special inspection services. The work is expected to be variable in volume and

Funds Available: FY18-19 CIP#003033; Page 3		Budget Code: WSC/576/7999/5231/2010966
DEPARTMENT SUBMITTING Engineering and Construction	DEPARTMENT MANAGER or DIRECTOR Xavier J. Irias	APPROVED General Manager

largely consists of night and weekend work which is best addressed by using consultant staff to supplement the District team.

CONSULTANT SELECTION

A project-specific Request for Proposal was sent to 12 firms, including minority-owned firms, and posted on the District's website. Three proposals were received. CCM was selected based on their qualifications and ability to provide the necessary expertise and their ability to work in coordination with District staff.

SUSTAINABILITY

Economic

This item is included in the FY18-19 budget for the Administration Building Modifications project. Economic benefits from the project include reduced energy costs for operating the Administration Building and lower maintenance costs associated with upgraded mechanical and electrical equipment. The project will improve the reliability of the Data Center, which is the core data management tool for District operations and communications. The improvements will provide for more energy efficient temperature control and improved power reliability.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

Improved reliability of the HVAC system and better control of conditioned air to office spaces is expected to enhance the workplace environment and productivity.

Work under this contract is subject to the payment of current prevailing wages according to determinations for each craft as established by the Director of Industrial Relations of the State of California.

Locals 2019 and 21 were notified of this contract on August 1, 2018. Local 21 did not raise any issues. Local 2019 issues were addressed at meetings on August 22, 2018 and October 3, 2018 and resolved.

Environmental

A Notice of Exemption was filed with the Alameda County Clerk on December 15, 2016. The project will result in energy and water savings due to the use of more efficient HVAC system design and equipment. Savings consist of \$80,000/year of energy costs, 60 percent reduction in natural gas use, 30 percent reduction in greenhouse gas emissions, 30 percent reduction in water use, and \$120,000/year reduction in equipment maintenance contracts. In addition, replacing the current obsolete systems will result in use of more environmentally favorable materials.

ALTERNATIVES

Select another consultant to perform the work. This alternative is not recommended as the District conducted a comprehensive procurement and evaluation process which found that CCM possesses the resources and skills to effectively complete this assignment. Staff also contacted references provided by CCM, all of whom provided a positive recommendation for their technical competence and demeanor in resolving challenging construction issues in occupied buildings.

Perform the work with District forces. This alternative is not recommended as District staff is not available to cover peak workload periods, nights, and weekends, without adversely impacting other construction projects.

Do not perform the work. This alternative is not recommended as the Administration Building HVAC Systems Upgrade project is time sensitive, complex, has a high risk of disrupting other District activities at the Administration Building, and will require comprehensive construction management and inspection at all times.

Attachments

P-035 – Contract Equity Program Summary

P-061 – Affirmative Action Summary



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE Professional Services Agreement Administration Building HVAC System Upgrade - Construction Management Support Services	DATE: November 27, 2018
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CONTRACTOR:	Small / Local Business	PERCENTAGE OF CONTRACT DOLLARS			
Consolidated CM, Inc. Oakland, CA 94612		Availability Group	Contracting Objectives	Participation	
BID/PROPOSER'S PRICE:	FIRM'S OWNERSHIP		White Men	25%	2.0%
	Ethnicity	Gender	White Women	6%	0.0%
	Asian	Women	Ethnic Minorities	25%	98.0%
\$990,048					

CONTRACT EQUITY PARTICIPATION											
COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIME:											
Consolidated CM, Inc.	\$970,048	Asian		X			98.0%				
SUBS:											
Consolidated Engineer Lab	\$20,000	White	X		2.0%						
TOTAL	\$990,048				2.0%	0.0%	98.0%	0.0%	0.0%	0.0%	0.0%

CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)				
	White Men	White Women	Ethnic Minorities	Total Employees
No. of Employees:	17	4	6	27
Percent of Total Employees:	63.0%	14.8%	22.2%	
MSA Labor Market %:	28.0%	23.6%	48.4%	
MSA Labor Market Location:	California			

COMMENTS

Contract Equity Participation - 2.0% White Men participation and 98.0% Ethnic Minority participation.

Workforce Profile & Statement of Nondiscrimination Submitted	Good Faith Outreach Efforts Requirement Satisfied	Award Approval Recommended
NA	NA	



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Administration Building HVAC System Upgrade - Construction Management Support Services		Ethnic Minority Percentages From U.S. Census Data							
		B	H	A/PI	AI/AN	TOTAL			
Professional Services Agreement		DATE: 11/27/2018							
		National	10.5	10.7	3.7	0.7	27.3		
		9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9		
R=Recmmd P=Prime S=Sub		Alameda/CC Counties	10.7	15.6	15.4	0.5	46.2		
Composition of Ownership		Number of Ethnic Minority Employees							
Company Name, Owner/Contact Person, Address, and Phone Number		B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %	
RP	EMW: A/PI - L/SBE	Company Wide	1	2	3	0	6	22.2%	48.4%
Consolidated CM, Inc. Lang Scoble 180 Grand Avenue, Suite 1520 Oakland, CA 94612 510-208-1720 ext. 104		Manager/Prof	0	1	2	0	3	13.0%	
		Technical/Sales	1	0	0	0	1	100.0%	
		Clerical/Skilled	0	1	1	0	2	66.7%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	1	2	3	0	6	28.6%	
		AA Plan on File: NA	Date of last contract with District: 12/24/2015						
		Co. Wide MSA: California	# Employees-Co. Wide: 27			Bay Area: 21			
S	WM: LBE								
Consolidated Engineering Lab Marty Meier 2001 Crow Canyon Road, Suite 100 San Ramon, CA 94583 925-314-7100									
P	WM: LBE	Company Wide	36	82	102	2	222	22.7%	27.3%
Carollo Engineers, Inc. Angela Keezer 2700 Ygnacio Valley Road, Suite 300 Walnut Creek, CA 94598 602-474-4236		Manager/Prof	28	57	90	1	176	22.0%	
		Technical/Sales	6	12	11	1	30	32.3%	
		Clerical/Skilled	2	13	1	0	16	19.5%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	3	5	21	0	29	25.7%	
		Co. Wide MSA: Total USA	# Employees-Co. Wide: 976			Bay Area: 113			
P	EMM: A/PI - SBE	Company Wide	0	6	13	0	19	43.2%	39.9%
Cooper Pugada Management, Inc. Ismael G. Pugada 65 McCoppin Street San Francisco, CA 94103 415-543-6515 ext. 202		Manager/Prof	0	4	8	0	12	33.3%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	0	2	5	0	7	87.5%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	6	13	0	0	0.0%	
		Co. Wide MSA: 9 Bay Area Counties	# Employees-Co. Wide: 44			Bay Area: 44			

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AGENDA NO.
MEETING DATE

7.1. - 7.2.
January 8, 2019

TITLE DATA AND VOICE COMMUNICATION SERVICES

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTION

Authorize agreements for data and voice communication services under the State of California's CALNET contract.

1. Authorize an agreement with AT&T Corporation (AT&T) in the estimated amount of \$583,333 for the period January 30, 2019 to June 30, 2019 and for the estimated annual amount of \$1,400,000 for four years with two options to renew for a 1-year period July 1, 2019 to June 30, 2025 for a total amount not to exceed \$8,983,333.
2. Authorize an agreement with Comcast Business Communications, LLC (Comcast) in the estimated amount of \$5,000 for the period January 30, 2019 to June 30, 2019 and for the estimated annual amount of \$120,000 for four years with two options to renew for a 1-year period July 1, 2019 to June 30, 2025 for a total amount not to exceed \$725,000.

SUMMARY

The District requires reliable telecommunication services for District locations and field personnel. AT&T will continue to provide data communication services which include all high-speed links from remote sites to the Administration Building for computer and Internet services, and voice communication services which include inbound and outbound telephone calls. For critical office locations, Comcast will provide redundant data communication links, voice and Internet services to increase reliability. These agreements will allow AT&T and Comcast to continue to meet the critical communication needs of the District and will leverage the buying power of the State of California.

DISCUSSION

Since 2002, the District has procured telecommunications services through the State of California's CALNET contract, receiving more favorable pricing as compared to pricing the District has been able to obtain through its own competitive bid process. The CALNET agreements are competitively bid by the State. The current CALNET contract, CALNET 3, was awarded by the State of California on November 15, 2013.

Funds Available: FY19		Budget Code: WSO/252/8583/5372	
DEPARTMENT SUBMITTING	DEPARTMENT MANAGER or DIRECTOR	APPROVED	
Information Systems	 Andrew J. Levine	 General Manager	

Contact the Office of the District Secretary with questions about completing or submitting this form.

To streamline contract management and oversight, this action will align the expiration dates for all services to coincide with the end of the fiscal year.

This action supports the District's Long-Term Financial Stability Strategic Plan goal by implementing technologies that improve the efficiency and effectiveness of business processes.

SERVICE PROVIDER SELECTION

Public Contract Code, Section 10298, specifically allows agencies to purchase directly from the state competitively awarded contracts without pursuing separate competitive bidding. The State of California has competitively awarded contracts to AT&T and Comcast. Staff has confirmed with the vendors that the state pricing is the lowest available to the District. For some locations, AT&T is the only service provider available.

The District currently uses AT&T and Comcast for these services and is satisfied with their cost, experience, knowledge, and ability to meet District requirements. In addition, AT&T has service connections at all District facilities.

SUSTAINABILITY

Economic

Funds are available for these services in the FY19 operating budget.

Social

The completed P-035 and P-061 forms for the Contract Equity Program are attached.

ALTERNATIVES

Discontinue these services. This alternative is not recommended because these services are required to conduct almost every aspect of the District's business.

Conduct a competitive process to obtain pricing and vendors. This alternative is not recommended because the District will likely spend higher amounts for the telecommunication services and incur additional costs of replacing equipment for each telecommunication circuit. Further, only AT&T provides the service at some locations, and installation of each replacement circuit can take months, causing a massive disruption to the District operations.

Attachments

P-035 - Contract Equity Program Summary
P-061 - Affirmative Action Summary



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE General Services Agreement Data and Voice Communication Services - Four-Year Contract with 2 One-Year Renewal Options	DATE: December 5, 2018
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CONTRACTOR:		PERCENTAGE OF CONTRACT DOLLARS		
Various Firms (See Below)		Availability Group	Contracting Objectives	Participation
BID/PROPOSER'S PRICE:	FIRM'S OWNERSHIP		White Men	25%
	Ethnicity	Gender	White Women	6%
\$1,520,000 /yr.	See Below	-	Ethnic Minorities	25%
CONTRACT EQUITY PARTICIPATION				

COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIMES:											
AT&T Corporation	\$1,400,000	PHC	X							92.1%	
Comcast Business Communications, LLC	\$120,000	White	X		7.9%						
TOTAL	\$1,520,000				7.9%	0.0%	0.0%	0.0%	0.0%	92.1%	0.0%

CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)				
	White Men	White Women	Ethnic Minorities	Total Employees
No. of Employees:	See Attached Form P-061			
Percent of Total Employees:				
MSA Labor Market %:				
MSA Labor Market Location:				

COMMENTS

Contract Equity Participation - 7.9% White Men participation.

Workforce Profile & Statement of Nondiscrimination Submitted	Good Faith Outreach Efforts Requirement Satisfied	Award Approval Recommended
NA	NA	



AGENDA NO. 8.
 MEETING DATE January 8, 2019

**TITLE CONTRACT EQUITY PROGRAM SMALL BUSINESS ENTERPRISE BID
 DISCOUNT**

MOTION _____ RESOLUTION _____ ORDINANCE _____

RECOMMENDED ACTIONS

Approve the following changes to the District's Small Business Enterprise (SBE) bid discount for competitively bid contracts: increase the bid discount from five percent to seven percent; decrease the maximum dollar amount for the SBE discount from \$250,000 to \$150,000; and maintain the current cap of \$500,000 for the total amount of bid discounts granted in a fiscal year effective immediately.

SUMMARY

The State Legislature recently enacted changes to California Public Contract Code (PCC) Section 2002 governing the authority of a local agency to provide bid discounts to small businesses, increasing the maximum discount percentage from five percent to seven percent. For the first time, the statute also places a mandatory cap on the amount of discount allowed per contract at \$150,000. The District's discount is currently set at \$250,000 per contract. To be consistent with the new law, the District's discount must be lowered to the statutorily mandated amount of \$150,000 per contract. This item was discussed at the January 8, 2019 Legislative/Human Resources Committee meeting.

DISCUSSION

As approved by the Board on November 26, 2013, the District currently provides five percent bid discounts to SBEs on its competitively bid contracts. The discount limit on any one contract is \$250,000 and the cumulative total limit for all contract awards based on bid discounts per fiscal year is \$500,000. The legislature recently enacted changes allowing bid discounts to increase to seven percent of the lowest responsive responsible bid, and limiting the discount on any one contract to \$150,000.

Increasing the bid discount provided on competitively bid contracts to seven percent of the lowest responsive responsible bid for SBEs will enhance the competitiveness of an SBE. While the new statutorily required \$150,000 cap for any one contract is lower than the District's current cap of \$250,000, the District is not anticipating impacts to the SBE contracting goals. Additionally,

Funds Available: FY19		Budget Code:	
DEPARTMENT SUBMITTING Customer & Community Services	DEPARTMENT MANAGER or DIRECTOR Andrew L. Lee		APPROVED General Manager

Contact the Office of the District Secretary with questions about completing or submitting this form.

Contract Equity Program Small Business Enterprise Bid Discount

January 8, 2019

Page 2

maintaining the District's current threshold of \$500,000 for the total amount of bid discounts granted in a single fiscal year ensures fiscal responsibility.

This change in the bid discount component of the Contract Equity Program is consistent with the State of California's SBE program and complies with PCC Section 2002.

SUSTAINABILITY

Economic

The bid discount provides an economic benefit to SBEs by making their bids more competitive which stimulates the growth of small businesses both inside and outside the District's service area.

Social

The bid discount is a key component for meeting the District's SBE goal and to encourage SBE participation on District contracts, and lowering the barriers to economic competitiveness for small businesses.

ALTERNATIVE

Do not increase SBE bid discount percentage and do not decrease the maximum dollar amount for the SBE bid discount. This alternative is not recommended. The District's current maximum dollar amount for SBE bid discount would not be compliant with PCC Section 2002. Increasing the SBE bid discount from five percent to the legal maximum permissible percentage could help the District meet its goals for SBE participation.

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 3, 2019

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Marlaigne Dumaine, Manager of Legislative Affairs *MD*

SUBJECT: Federal Legislative Initiatives for 2019

RECOMMENDED ACTION

Approve the proposed federal legislative initiatives for 2019 that focus on: 1) protecting and advancing EBMUD's interests in the context of its water supply reliability and the Mokelumne fishery; 2) seeking federal funding opportunities for EBMUD projects via any new and existing federal programs; and 3) continuing to monitor and evaluate, and look for opportunities to engage on, federal efforts to promote healthy forests and watersheds, and provide updates to the Board as appropriate.

OVERVIEW

The 116th Congress convened on January 3 amidst a new dynamic with a Democratic majority in the House and a Republican majority in the Senate that will require compromise to move legislation through Congress. Congress is expected to focus on a number of policy issues of interest to EBMUD including water supply reliability and species protection, infrastructure, and forest management. At the same time, Congress must also resolve fiscal year (FY) 2019 and FY 2020 spending.

Though some FY 2019 spending bills were finalized in 2018, several were outstanding at the conclusion of the 115th Congress. Funding for the United States Bureau of Reclamation (USBR) was completed as part of a broader FY 2019 spending bill that was approved in fall 2018. This includes funding for the USBR water recycling and water conservation programs.

However, Congress and the administration were unable to agree on either final FY 2019 spending bills or a temporary continuing resolution for some portions of the federal government, including the United States Environmental Protection Agency (U.S. EPA), which supports the State Revolving Fund Loan Programs.

The new Congress will consider ways to address these funding gaps. Though the final path is not yet clear, Congress may consider enacting a Continuing Resolution to address the portions of the government that have not received final FY 2019 spending plans, in order to focus on enacting a FY 2020 budget by October, rather than seeking to enact bills that change current spending

levels. Regardless of the final approach, it is expected that reaching agreement on an overall FY 2020 budget framework and specific program spending levels will be challenging as the divided Congress and the administration will have different spending priorities.

Water Supply and Species Protection

Discussions in the policy areas of water supply and species protection are expected to be in the context of the ongoing implementation and potential reauthorization of the Water Infrastructure Improvements for the Nation (WIIN) Act, including California water provisions that expire in 2021, and the administration's continued efforts to modify or overturn environmental regulations. Both of these policy discussions are likely to include issues that may affect EBMUD's water supplies and the Mokelumne fishery.

Infrastructure

Infrastructure policy, including infrastructure assistance, is expected to be a priority for both Congress and the administration. In 2019, Congress is likely to continue to explore ways to provide federal infrastructure funding assistance and the House may consider some sort of modification to the earmark ban. It is also likely that discussions on reauthorizing the WIIN Act will include some form of direct or indirect project funding on a limited basis, such as funding for the USBR's WaterSmart program, as well as funding for new recycling projects, desalination projects, and funding for the Water Infrastructure Finance and Innovation Act (WIFIA) program. Congress may also continue discussions on other forms of assistance such as grants, loans, and public-private partnerships.

Forest Management

With regard to forest health and management, Congress reached agreement in 2018 on a new approach to fund wildfire suppression over eight fiscal years, FY 2020 through FY 2027, to help ensure adequate funding for both forest management and wildfire suppression. This new funding approach is similar to how assistance is provided for other natural disasters by setting a budgeted amount for wildfire suppression and setting aside additional funds that can be requested if wildfire suppression costs exceed the budgeted amount. This is intended to provide a mechanism to access additional wildfire suppression funds, if needed, without borrowing from forest management funds. Though agreement was reached on a funding approach for wildfire suppression through FY 2027, Congress will likely continue to consider forest management policy issues.

EBMUD's 2019 federal legislative initiatives have been developed based on known congressional priorities at this time and are consistent with EBMUD's core mission to deliver a safe and reliable water supply and serve as a good steward of its natural resources.

EBMUD's 2019 federal legislative initiatives are focused on three items to address the areas of highest risk, need, and opportunity for EBMUD in the context of the current congressional climate:

- 1) continuing to protect and advance EBMUD's interests in the context of its water supply reliability and the Mokelumne fishery;

- 2) infrastructure funding; and
- 3) continuing to monitor and evaluate, and look for opportunities to engage on, federal policy efforts to promote healthy forests and watersheds.

FEDERAL INITIATIVE	ACTION
<p>1. Continue to protect and advance EBMUD's interests in the context of its water supply reliability and the Mokelumne fishery.</p>	<ul style="list-style-type: none"> • Protect EBMUD's Mokelumne water supplies and seek to preserve EBMUD's access to water transfers and its Central Valley Project (CVP) contract supplies. • Protect regional water supply programs and projects, including Freeport Regional Water Project. • Protect the Mokelumne fishery, including working to ensure that any policy or program revision, or project or project-related activity that is likely to affect the Mokelumne salmonid fishery includes mitigation for the impacts by the responsible parties. • Support appropriate stewardship responsibilities for the CVP, and the preservation of the Central Valley Project Improvement Act (CVPIA).
<p>2. Pursue federal funding opportunities for EBMUD projects via any new and existing federal programs.</p>	<ul style="list-style-type: none"> • Pursue funding opportunities via current federal avenues which include WIIN Act authorizations, the United States Bureau of Reclamation (USBR) WaterSmart program, and the USBR Title XVI program. Examples of types of projects that may be eligible for funding include water conservation and water-use efficiency, as well as recycled water projects. • Continue to advance EBMUD's comprehensive infrastructure funding needs as Congress seeks to develop infrastructure policy and in the context of any modification to the earmark ban. These needs include but are not limited to: the Capital Improvement Program; the Regional EBMUD Seismic Component Upgrade (RESCU) program; the Bay Area Regional Reliability Project; recycled water projects; projects to facilitate regional and/or local water supply reliability; projects or programs to facilitate climate change mitigation and resiliency, including water and energy conservation; and projects to facilitate renewable energy. • Seek project assistance opportunities within the context of any modification to the earmark ban.

<p>3. Continue to monitor and evaluate, and look for opportunities to engage on, federal policy efforts to promote healthy forests and watersheds, and provide updates to the Board as appropriate.</p>	<ul style="list-style-type: none">• Monitor federal legislation on forest and watershed health, and identify potential opportunities for EBMUD to engage, particularly through its role in the Upper Mokelumne River Watershed Authority.• Continue to gather information on efforts to fund both forest management and wildfire suppression, as well as policy efforts to promote forest and watershed health, and provide updates to the Board as appropriate.
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Attachment

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FEDERAL INITIATIVES - 2019

INITIATIVE #1 – CONTINUE TO PROTECT AND ADVANCE EBMUD’S INTERESTS IN THE CONTEXT OF ITS WATER SUPPLY RELIABILITY AND THE MOKELUMNE FISHERY

The administration and Congress will continue to consider water resources issues, such as the ongoing implementation of the 2017 Water Infrastructure Improvements for the Nation (WIIN) Act and reauthorization of, and potential modifications to, the WIIN Act, which is set to expire in 2021. Reauthorization of, and modifications to, the WIIN Act, which included California water-related provisions, would impact the Central Valley Project Improvement Act (CVPIA), which governs the management of the Central Valley Project (CVP) and provides important provisions for the protection, restoration, and enhancement of fish and wildlife, such as dedication of CVP water for environmental purposes and goals for the natural production of salmon.

Reauthorization of the WIIN Act would have a direct impact on the CVPIA, and modifications to the WIIN Act’s California water-related and CVPIA provisions could pose significant risk to EBMUD’s water supply reliability, including access to supplies via the Mokelumne water rights as well as transfers, use of the Freeport Regional Water Project, and the Mokelumne fishery.

For example, a decrease in the required volume of CVP water that must be set aside for the environment in the absence of a commensurate increase from other sources could harm water quality and species in the Delta, and result in a potential shift of responsibility for this water that could affect EBMUD’s access to its Mokelumne water supplies and transfer water.

With regard to the Mokelumne fishery, changes to the CVPIA via the WIIN Act could allow various activities intended to benefit Delta exporters that would potentially harm the Mokelumne fishery. Examples include allowing higher withdrawal rates from the Delta, repealing seasonal limitations on pumping, and increasing the time period when the Delta Cross Channel gates remain open.

Given the clear expressed congressional intent to pursue reauthorization of, and possible modifications to, the WIIN Act, it is vital that EBMUD continue to work to protect the security of its water supplies, including primary and dry-year water supplies, and the Mokelumne fishery. Staff will continue to engage with EBMUD’s delegation and others to closely monitor the development of natural resources and water-related legislation or administration policies, protect EBMUD’s interests, and communicate EBMUD’s needs.

Recommended Actions

Work with EBMUD’s congressional delegation, the administration, and relevant congressional committees, as appropriate, to protect and advance EBMUD’s interests in the context of EBMUD’s water supply reliability and the Mokelumne fishery. This includes efforts to:

1. Protect EBMUD’s Mokelumne water supplies and seek to preserve EBMUD’s access to water transfers and its CVP contract supplies.

2. Protect regional water supply programs and projects, including Freeport Regional Water Project.
3. Protect the Mokelumne fishery, including working to ensure that any policy or program revision, or project or project-related activity that is likely to affect the Mokelumne salmonid fishery includes mitigation for the impacts by the responsible parties.
4. Support appropriate stewardship responsibilities for the CVP, and the preservation of the CVPIA.

INITIATIVE #2 – SEEK FEDERAL FUNDING OPPORTUNITIES FOR EBMUD PROJECTS VIA ANY NEW AND EXISTING FEDERAL PROGRAMS

The 116th Congress is expected to continue to discuss water and wastewater infrastructure, and how to address providing federal assistance, either as part of discussions on a comprehensive infrastructure policy or as a stand-alone issue. These discussions on water and wastewater infrastructure may occur in the context of discussions on possible reauthorization of the WIIN Act, providing assistance programmatically through federal agencies, and potential modifications to the current ban on providing direct project assistance (e.g., earmark ban). The focus of the discussions will also likely include the role of conventional project funding via the State Revolving Fund (SRF) Loan Program, Water Infrastructure Finance and Innovation Act (WIFIA) assistance, tax-exempt financing tools, and other innovative financing approaches, such as public-private partnerships or expansion of WIFIA assistance to state SRFs.

In 2018, EBMUD pursued federal funding opportunities for EBMUD projects, including projects with existing WRDA authorizations, such as the San Ramon Valley Recycled Water Project and the Integrated Recycled Water Project. Although congressional efforts to provide direct water resources project assistance legislatively were unsuccessful, a grant agreement was executed in 2018 for the \$400,000 grant awarded in 2017 from the United States Bureau of Reclamation (USBR) to support a component of the Bay Area Regional Reliability Project, specifically the development of an implementation plan for establishing a Regional Water Market in the Bay Area to help promote long-term drought resilience.

Current avenues for pursuing federal funding include the WIIN Act, the USBR WaterSmart program, and the USBR Title XVI program. Examples of project categories that may be eligible for funding via these avenues include projects to support conservation and water-use efficiency as well as recycled water projects, such as EBMUD's WRDA authorized projects – San Ramon Valley Recycled Water Project and Integrated Recycled Water Project.

Given that infrastructure policy is a priority for Congress, it will be important to continue to communicate to EBMUD's congressional delegation the necessity of EBMUD projects and how those projects would benefit from funding. Congress will likely continue to consider ways to provide specific assistance for water supply reliability and resiliency, and may consider modifications to the

earmark ban, though as of this writing it is unclear whether direct project assistance would be available on a broad scale. Staff will work with federal agencies and EBMUD's delegation to pursue any funding that may become available for EBMUD's infrastructure funding needs.

Recommended Actions

Work with EBMUD's delegation, appropriate committee staff and the administration to:

1. Pursue available funding opportunities via current federal avenues which include WIIN Act authorizations, the USBR WaterSmart program, and the USBR Title XVI program. Examples of types of projects that may be eligible for funding include water conservation and water-use efficiency projects, as well as recycled water projects.
2. Continue to advance EBMUD's comprehensive infrastructure funding needs as Congress seeks to develop infrastructure policy, and in the context of any modification to the earmark ban. These needs include, but are not limited to: the Capital Improvement Program; the Regional EBMUD Seismic Component Upgrade (RESCU) program; the Bay Area Regional Reliability Project; recycled water projects; projects to facilitate regional and/or local water supply reliability; projects or programs to facilitate climate change mitigation and resiliency, including water and energy conservation; and projects to facilitate renewable energy.
3. Seek project assistance opportunities within the context of any modifications to the earmark ban

INITIATIVE #3 – CONTINUE TO MONITOR AND EVALUATE, AND LOOK FOR OPPORTUNITIES TO ENGAGE ON, FEDERAL EFFORTS TO PROMOTE HEALTHY FORESTS AND WATERSHEDS, AND PROVIDE UPDATES TO THE BOARD AS APPROPRIATE

In recent years federal efforts on forest and watershed health have largely focused on congressional attempts to fund both forest management and wildfire suppression. Historically, when wildfire suppression funding levels were not adequate, funds were borrowed from wildfire preparedness, forest management, and other accounts to make up for shortfalls. This practice, commonly referred to as "fire borrowing," often resulted in underfunding of forest management activities.

In 2018, Congress approved an eight-year plan to fund wildfire suppression without borrowing from forest management accounts. Specifically, Congress approved wildfire suppression funding for FY 2020 through FY 2027 by setting a budgeted amount for wildfire suppression for each year and authorizing additional funds that can be requested if wildfire suppression costs exceed the budgeted amount. This is intended to provide additional wildfire suppression funds if needed without borrowing from forest management funds. This approach is similar to how federal assistance is provided for other natural disasters, such as hurricanes. In addition, Congress approved a Farm Bill in late 2018 that includes funding authorizations for forest health related measures, such as \$20 million annually over four fiscal years for competitive grants for landscape restoration projects, \$20 million annually over

five fiscal years for grants for hazardous fuel reduction projects on federal and non-federal land, and \$660 million annually for five fiscal years for hazardous fuel reduction on federal land, which will inform Congress' work on FY 2020 spending bills. In addition to discussions on appropriations of the 2018 Farm Bill authorizations, Congress will likely discuss the overall issue of forest management policy, including renewing efforts to streamline forest management activities.

Additional funding for forest management and policy changes regarding forest management activities may affect forested areas near EBMUD's facilities, particularly the Mokelumne River watershed. EBMUD has been working through the Upper Mokelumne River Watershed Authority (UMRWA) on forest-related issues. Of note, as a result of a stewardship agreement between UMRWA and the United States Forest Service signed in 2016, UMRWA procured contracts for forest health actions and began implementing this work in the fall of 2017. Additional contracts were signed in 2018 and now over 2000 acres in the watershed have been or are being improved by forest thinning or other projects to reduce catastrophic fire risk and/or protect water quality. Additional contracts will be executed to further expand this work in 2019. UMRWA will continue to pursue grant funding and, when grants are secured, administer and implement those grant projects. UMRWA is also exploring implementation of a Community Forest Program on Bureau of Land Management land in the Mokelumne River watershed, which has the potential to contribute to the long-term management and sustainability of the Mokelumne River watershed.

Recommended Actions

Work with EBMUD's congressional delegation, the administration, relevant congressional committees, and others, as appropriate, to:

1. Monitor federal legislation on forest and watershed health, and identify potential opportunities for EBMUD to engage, particularly through its role in UMRWA.
2. Continue to gather information on efforts to fund both forest management and wildfire suppression, as well as policy efforts to promote forest and watershed health, and provide updates to the Board as appropriate.

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 3, 2019
MEMO TO: Board of Directors
FROM: Alexander R. Coate, General Manager *ARC*
SUBJECT: Board's Annual Review of Directors' Compensation

INTRODUCTION

In 2014, as a part of Board Motion No. 011-14, in addition to approving a salary increase for Directors, the Board voted to conduct an annual review of its compensation during the first Board meeting of the calendar year, using the staff salary adjustment information from the prior year as the basis for discussion. This item has been placed on the January 8, 2019 Board of Directors meeting agenda to allow deliberation on an adjustment to the Board's salary.

DISCUSSION

The Municipal Utility District Act (MUD Act) authorizes an annual adjustment to the Directors' salary of not more than 5 percent for each calendar year following the effective date of the last adjustment. The Board last voted to adjust its salary on January 24, 2017, with an effective date of February 1, 2017. The adjustment was \$45 (3.7 percent) to \$1,263 per month.

The 2018 general salary increase received by District staff effective April 16, 2018 was 4.3 percent. A 2019 adjustment of \$54 per month (4.3 percent) would change the Directors' monthly salary from \$1,263 to \$1,317. If the Board chooses to consider a 4.3 percent adjustment to its monthly salary, a sample motion for doing so is shown below:

Motion: I move that, effective February 1, 2019, the Board's monthly salary be increased by \$54 per month or 4.3 percent, which will result in the Board's monthly salary changing from \$1,263 to \$1,317.

ARC:LAA:rdw

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ITEM 11

WATER SUPPLY UPDATE

**WILL BE PROVIDED
AS AN ORAL REPORT**

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 8, 2019
MEMO TO: Board of Directors
FROM: Alexander R. Coate, General Manager *ARC*
SUBJECT: 2018 Interdepartmental Committees Annual Reports

INTRODUCTION

EBMUD Interdepartmental Committees oversee, review, and coordinate issues related to various District functions. As part of their ongoing duties, these committees report their activities annually to the General Manager. Below is a list of the 2018 committees and their Chair(s).

- Art Committee, Charmin Baaqee, Chair
- Consultant Contract Negotiations Committee, Michael Tognolini, Chair
- Internal Contract Equity Advisory Committee, Beverly Johnson, Chair
- Pipe Committee, Carlton Chan, Chair
 - Materials Review Committee, Andy Akelman, Chair
- Sustainability Committee, Doug Wallace and Chandra Johannesson, Co-Chairs
- Water Quality Committee, Susan Teefy, Chair
- Water Resources Committee, Lena Tam, Chair

The 2018 reports summarizing the objectives, accomplishments and future work plans of each committee are attached for your information and review.

ARC:jmj

Attachments (8)

I:\SEC\2019 Board Related Items\010819 Board Items\OGM – 2018 Interdepartmental Committees Annual Reports.doc

ART COMMITTEE ANNUAL REPORT – 2018

Formed in 1993, the EBMUD Art Committee meets quarterly to coordinate the exhibition of local artists at the District's art gallery located on the 2nd floor of the Administration Building. The committee consists of 9 members drawn from different professions and positions within the District. The committee is chaired by Charmin Baaqee, Assistant Engineer.

The Art Committee mounts approximately seven exhibits each year. Three of the exhibits are coordinated in conjunction with the month-long celebrations of Latin Heritage, Black History and Asian Pacific-American Heritage. On alternate years, one of the regular exhibits showcases the creations of EBMUD employees in what is known as the EBMUD Employee Arts Biennale.

Additionally, the Art Committee sponsors an annual one-day Employee Arts and Crafts Fair highlighting the crafts produced by EBMUD employees. This year employee and retiree artists participated by exhibiting and selling their crafts, which included specialty chocolates, scented soaps, planted succulents, wooden sculpture and utensils, wearables, and artwork. The event was well attended and enjoyed by District personnel and the public alike. The event was organized by non-Art Committee member, Elizabeth Grasseti.

Each seven-week long art exhibit is coordinated by one or two committee members with support from the entire committee. Responsibility for coordination is distributed amongst committee members so that each member works on one or two shows per year. Committee members are responsible for:

- Attending quarterly meetings where art work is selected and scheduled, ideas for new shows are generated, and committee procedures and policies are discussed;
- Seeking out artists, reviewing submitted art work, and communicating with artists and local art groups;
- Assuring that guidelines for the exhibits are provided to the artists, arranging legal agreements and protecting EBMUD from inappropriate liabilities;
- Coordinating design of invitations, artist statements, exhibit labels and podium materials. Postcard invitations to the exhibit and reception are provided to the artist, and are mailed to several news and community organizations;
- Coordinating delivery, hanging and taking down of art exhibits (sometimes from multiple artists);
- Publicizing the shows in *Splashes*, through District email and intranet; and
- Coordinating, hosting and arranging refreshments for artist receptions.

2018 Accomplishments

This year, the Art Committee focused on increasing public outreach and visibility within the artist community. The Committee established partnerships with other local art community supporters including Art Murmur, Creative Mornings, Visit Oakland, and the Oakland A's. These partnerships resulted in an increase in: visitors (including school-aged children) to the District's art gallery; inquiries from local artists for gallery exhibition; and enthusiasm for the arts and the creative process among District employees.

The Art Committee welcomed two new members, Anya Kamenskaya and Julie Cadigan. We bid farewell to Heidi Benenson who was instrumental in bringing the work of talented local artists, east of hills, to the District's art gallery. As always, we applaud the contributions of our former committee members as well as continued support from District-wide art enthusiasts.

As in previous years, the 2018 exhibits provided opportunities to a widely diverse group of artists of different ages, ethnicities and genders and provided positive community engagement for the District. Below is a summary of the 2018 art exhibits.

- **January 5 to February 22:** In cooperation with the Black History Month Committee, the mixed media artwork of David Graves was displayed in his solo exhibit entitled, "Spirit Migration." The exhibit included works celebrating African and African-American culture and inspired by folklore, fantasy, and history. This exhibit was curated by Charmin Baaqee and Linda Christo.
- **February 23 to April 5:** The exhibit entitled, "Fleeting Moments – The Poetics of Landscape," a diverse collection of works by Janis Anton. The artist described her work as an odd fantasy world of fleeting moments as a nod to her deep personal feelings, often felt before understood. Her exhibit included a series of vibrant water colors and mixed media pieces. This exhibit was curated by Charmin Baaqee.
- **April 9 to May 17 (extended through June 28):** "Dim Sum" in Chinese translates to 'tiny pieces of heart' but also denotes the small, varied dishes served for Chinese brunch. This exhibit by I-Mei Hsiu included a collection of jewel box sized oil paintings encompassing landscapes, figures, and still lifes, all symbolically representing the small tastes of her life. As a Taiwanese-American woman, she has been on a quest to paint serenity and beauty around her. Her work is based in Impressionism in the lineage of Monet, combined with an Asian sensibility and consciousness of negative space. All her works are painted in oil with the use of palette or brush and represented images from her family, her practice as a family doctor, and her travels locally and around the world. This show was curated by Andrea Pook and Linda Christo assisted by I-Pei Hodge, the artist's sister.
- **July 3 to August 17:** Oakland artist Nicole Dixon presented works from her series, Transcendent Iconography. The exhibit included large-scale mixed media pieces with striking images painted in deep hues accented with metallic gold. Dixon noted that this body of work represents agents of change and promise and includes many pieces adorned with empowering symbols that highlight inner strengths and gilded emblems that represent spiritual purpose. This exhibit was curated by Charmin Baaqee.

- **August 21 to October 11:** The colors in Mexico can be raw, outrageous, and earthy. “The Light and Texture of Mexico” featured three photographers’ unique perspectives of Mexico. Andrea Pook celebrated scenes from daily life in San Miguel de Allende, where much of life is lived outdoors. Yvonne Israel-O’Hare was moved by the colors and textures she saw, and created a series of abstract modern prints and collages with a magical and surprising sense of color and juxtaposition. Ed Mestre’s photos revealed his awe and respect for a culture he has experienced since childhood. His background as a history teacher permeates his vision of Mexico, and his photography expressed a sense of grandeur of Mexico’s cultural achievements throughout the centuries. The exhibit was curated by Linda Christo and Andrea Pook.
- **October 16 to November 29:** Walnut Creek artist Melissa Stephens presented “Stories & Traditions: The Art of Communication.” The exhibit comprised of encaustic laid over mixed media and collage works. Encaustic art uses melted beeswax to enshrine and preserve the art pieces below. It was originally used by the ancient Greeks to decorate ships with artistic depictions of great battles, voyages, and family histories. Melissa uses encaustic to tell her stories. She also enjoys how the beeswax alters and warps the medium below. The results are often surprising and different than expected. This exhibit was curated by Kristen Font and Anya Kamenskaya.
- **December 4 to December 28:** EBMUD Employee Arts Biennale showcases the artistic talents of EBMUD employees. The exhibit display included photographs, paintings, drawings, stained glass, cartoons and tie-dyed art works. This exhibit was curated by Linda Christo.

2019 Goals

This year, the Art Committee will be focusing on increasing membership and visibility in the local artist community. We will continue to partner with Affinity Groups, Employee Development and Training and the Human Resources Departments to ensure that Art Committee programming is inclusive and that District employees are aware of opportunities engage with and celebrate local artists. Proposed ideas include onboarding new members who work in offices outside of the administrative building and brainstorming ideas to make Art Committee events more accessible to everyone.

Committee Members

Charmin Baaqee, Assistant Engineer (Chair)
Julie Cadigan, Administrative Clerk
Linda Christo, Executive Assistant II
Rischa Cole, Secretary of the District

Kristen Font, Wastewater Control Rep
Andrea Pook, Senior Public Information Rep
Joey Smith, Water Conservation Tech

Adjunct members:

Jonathan Salmon, Attorney III, Legal Advisor
Michael Bergstrom, Senior Graphic Designer

CONSULTANT CONTRACT NEGOTIATIONS COMMITTEE ANNUAL REPORT – 2018

The Consultant Contract Negotiations Committee (CCNC) was formed in 1999 to coordinate District-wide engineering consultant procurement and contracting practices. The CCNC's purpose is to develop and implement District-wide practices for cost-effective engineering consultant contracting. Development and support of the Engineering Consultant Roster (ECR) process is one of the primary responsibilities of the CCNC. Providing support for the as-needed training of project managers in procuring, negotiating, and administering consultant contracts is another area of focus for the committee.

The CCNC meets on an ad hoc basis to coordinate implementation of the current District-wide ECR and plan for the development of the upcoming ECR. In 2019, the committee will interact with the project manager for the Materials Management Information Systems (MMIS) Replacement Project regarding options to include tracking requirements in the new system. Finally, the committee plans to revisit the goals, objectives, and the implementation of the ECR program.

2018 Accomplishments

- Awarded 15 engineering contracts – 33% went to Small Businesses and 61% went to Local Businesses of which 3% were Local Small Businesses.
- Reviewed the ECR contracting process and identified a need to modify the process to better achieve program goals. Delayed the ECR request for qualifications until the committee can evaluate and implement modifications.
- Achieved 73% (11 of 15) utilization of the ECR by District project managers for ECR eligible contracts.

2019 Goals

The Committee has the following goals:

- Implement a process on the District's new MMIS for the continuous update of the Consultant Agreement Spreadsheet History (CASH) document as a part of the contract-award process.
- Revisit ECR goals and objectives, and update the ECR process with input from Senior Management Team and consultants. Updates to the ECR would reflect the District's current engineering contracting needs, current consultant landscape, District values, and Contract Equity Program (CEP) objectives while being consistent with the District's Strategic Plan and contracting codes.
- Improve CEP performance on Prime ECR contracts (*FY18 actual percentages were 83% white men, 9% ethnic minorities and 21% white women-owned firms, meeting the District CEP objectives of 25% for white men, and 6% for white women, respectively. Participation for ethnic minorities increased by four percent and by ten percent for white women. When subcontractors are included, the participation for white men increases to 85%, white women decreases to 11%, and ethnic minorities increases to 16%*). The committee will continue to seek opportunities to improve performance for ethnic minority and women-owned firms.

Committee Members

Andrew Akelman	Manager of Purchasing
Michael Ambrose	Manager of Maintenance and Construction
Xanthe Berry	Assistant General Counsel
Carlton Chan	Engineering Manager
Douglas Higashi	Manager of Wastewater Engineering
Beverly Johnson	Contract Equity Administrator (Roster Manager)
Michael Tognolini	Director of Water & Natural Resources (Chair)

CONTRACT EQUITY ADVISORY COMMITTEE ANNUAL REPORT – 2018

The Contract Equity Advisory Committee was organized in 1990 to:

- Increase the effectiveness of the District's contracting diversity program,
- Solicit District-wide input for Contract Equity Program and reporting enhancements, and
- Assist with monitoring the program's effectiveness.

The committee convenes semi-annually to address contracting issues and/or other agencies contracting diversity initiatives that could impact the District's Contract Equity (CE) Program and the local business community.

2018 Accomplishments

- Promoted outreach activities including the first Engineering Consultant Roster Roundtable (an open roundtable discussion with key prime consultants and sub consultants and EBMUD staff), the first Insurance and Contract Requirements Update Business Forum, and the District's 3rd Annual Contracts and Procurement Opportunities Workshop and Trade Fair Small Business Forum.
- Tracked 16 projects for the pilot local hire component for targeted construction projects.
- Updated the bid documents to reflect the increase from \$70,000 to \$80,000 as the threshold for submitting Contract Equity Employment Data and Certification Instructions (P-025) forms and the current language for protected groups to be consistent with Policy 1.03 - Contract Equity Program.
- Reviewed the Engineering Consultant Roster (ECR) contracting process and identified a need to modify the process to better achieve program goals in conjunction with the Consultant Contract Negotiations Committee.

2019 Goals

The committee will continue to review and monitor contract participation and workforce utilization and recommend initiatives to:

- Reach the District's goal of 50% small business participation for contract awards of \$80,000 or less;
- Achieve all three District's contracting objectives:
 - White Men 25%
 - White Women 6.3%
 - Ethnic Minorities 25%
- Increase local hire participation on District construction projects;
- Update ECR or replace with another streamlined professional services contracting process;
- Assist departments and work units to establish CE Program-related performance goals for FY19;
- Assist with the implementation of a new Financial Information System;

- Improve monitoring and reporting of change orders and on-call contracts;
- Implement new State regulations that take effect January 1, 2019:
 - New higher small business size standards for public works contractors (SB 605)
 - Modifications to small business discount/preference (AB 2762)
- Continue to track the pilot local hire component for targeted construction projects; and
- Continue to engage in aggressive outreach and education efforts.

Committee Members

Andrew Akelman	Manager of Purchasing
Beverly Johnson	Contract Equity Administrator (Chair)
Xanthe Berry	Assistant General Counsel
Carlton Chan	Engineering Manager
Linda Christo	Executive Assistant II
Rick Hu	Principal Management Analyst
Serge Terentieff	Engineering Manager
Michael Tognolini	Director of Water and Natural Resources
Doug Higashi	Manager of Wastewater Engineering

PIPE COMMITTEE ANNUAL REPORT – 2018

The purpose of the Pipe Committee is to establish and maintain standards, specifications, procedures, and practices related to the wide range of subjects involving water and reclaimed water distribution system pipelines and appurtenances. The Pipe Committee is chartered to meet a minimum of three times per year. This summary report describes the Committee's accomplishments in 2018 and goals for 2019.

2018 Accomplishments

Pipe Materials and Appurtenances

High Density Polyethylene Pipe. The Committee continued to evaluate High Density Polyethylene Pipe (HDPE) for installation and maintenance recommendations. The Panoramic Hill HDPE Pipeline Project was successfully completed in 2017; through that project, a comprehensive installation checklist was developed and further refined in 2018. The checklist was recommended for use for all HDPE pipeline installation projects. Staff clarified that repair clamps and repair couplings are allowed if a full pipeline shutdown cannot be achieved or is not practical. A draft memo will be submitted to the Pipe Committee in 2019 addressing installation best practices and acceptable maintenance strategies.

Electrofusion Saddle. The Committee recommended an electrofusion saddle manufactured by Plasson as a District standard saddle. The saddle is approved for use per District specifications. The benefit of the Plasson saddle is that it includes a nylon strap that holds the saddle in place during the electrofusion process eliminating the need for additional hold-down tools. In addition, the saddle includes a weep hole that confirms the saddle is melting onto the pipe. A draft memo will be submitted to the Pipe Committee in 2019 addressing installation best practices and acceptable maintenance strategies.

Standard Weight Steel Pipe. The Committee began evaluating the use of standard weight steel pipe as an alternative to the custom gauge steel pipe that is currently stocked. This pipe material will be piloted in mid-2019 at York Street and Rosal Avenue in Oakland, and includes approximately 1,500 feet of 6-inch standard weight steel pipe with bell and spigot joint connections.

PVC Hydrant Runs. In 2018, the District installed several PVC hydrant runs using both iPVC and PVC-O. The current standard is steel. The advantages of PVC are that welding is not needed, there is consistency in pipe material for the project, and hydrant runs can be completed much more quickly without waiting for welding resources. All hydrant runs installed with PVC have used external or internal restraint systems at the hydrant elbows and valve connections. A draft standard drawing will be submitted and reviewed by the Committee in 2019.

Pipeline Rebuild Pilot Projects

Earthquake Resistant Ductile Iron Pipe. Staff is currently planning and designing a pilot pipeline replacement project using a domestically manufactured Earthquake Resistant Ductile Iron Pipe (ERDIP) to be installed on Santa Barbara Road in Berkeley. Domestic ERDIP products are similar to Kubota ERDIP (pilot project completed in 2016) but resolve some of the issues with using the Kubota pipe, such as: better product availability as the pipe is manufactured in the United States (Kubota is manufactured in Japan); United States sizing standards instead of metric; fewer parts than Kubota; and lower material cost. Design and construction of the ERDIP pilot project is scheduled for completion in 2019.

Aqua-Pipe. The District completed the installation of Aqua-Pipe to replace Asbestos Cement (AC) distribution pipelines at four pilot locations. A final summary of the pilot projects was submitted to the Pipe Committee and reviewed. Aqua-Pipe is currently the only acceptable cured in place pipe (CIPP) material. Aqua-Pipe may be used where the work conditions are ill-suited for either conventional open-cut installation or more established trenchless methods (e.g., sliplining).

iPVC Pipe. In early 2018, the Pipe Committee approved a pilot to install iPVC pipe, a structurally enhanced version of typical PVC pipe that is currently used for water distribution projects in South Korea, Japan, and China. The Evelyn Avenue Replacement Cluster in Albany and Berkeley was chosen to pilot installation processes for this new material. The project is expected to be completed in early 2019, with a final report on findings and recommendations to be submitted to the Pipe Committee for review in 2019.

Ductile Iron Pipe. The District is piloting the installation of American Flex Ring Ductile Iron Pipe for the Sunnyhills Road Replacement Cluster and the Humboldt Avenue Replacement Cluster in Oakland. The projects are expected to be completed in 2019 with a final report on findings and recommendations to be submitted to the Pipe Committee for review in 2019.

Standards and Procedures

Standard Drawing 3272-B; 2-Inch PVC Pipe Installation Details was re-introduced and approved by the Pipe Committee. The revision replaces galvanized steel with brass.

2019 Goals

The Pipe Committee will continue to be the primary forum for information distribution and discussion of issues related to matters involving distribution system pipelines and appurtenances.

The Committee will continue to review and update standards, procedures, specifications and practices as required.

The Committee will also continue to work closely with Pipeline Rebuild staff, two of whom are on the Pipe Committee, to pilot new materials and pipeline rehabilitation methods to ensure all

pilots undertaken at the District follow appropriate protocols and that results are shared with all interested parties.

Pipe Materials and Appurtenances

HDPE Pipe:

- Continue to evaluate the use of HDPE pipe and complete the HDPE memo for the Pipe Committee to review.
- Develop training strategies with and for staff.
- Form a subcommittee comprised of staff to develop a training module for the Pipeline Academy.
- Develop standard specifications and update standard details.
- Develop standard repair method using mechanical fittings (Romac).

Pipeline Rebuild Pilot Projects

- Complete the summary and recommendation memo for iPVC.
- Complete the summary and recommendation memo for restrained ductile iron pipe including a memo for corrosion protection practices.
- Form a subcommittee to research PVC restrained systems. In collaboration with the University of Colorado at Boulder, evaluate laboratory performance for hazard-resilient pipeline systems.
- Work with the Cornell Large-Scale Lifelines Testing Facility to perform tests on District provided sections of cast iron pipe lined with next generation Aqua-Pipe.
- Complete the standard weight steel pipe installation pilot and summary memo with recommendations.

Standards and Procedures

- Revise Standard Drawings 1870-A and 310-EA to reflect the difference in thickness of steel elbows and stock pipe.
- Develop standard specifications for HDPE installation.
- Develop standard specifications and drawing details for restrained ductile iron and ERDIP.
- Update ESP 450.1 – Annually Informing Local Jurisdictions of Upcoming Capital Projects.
- Update ESP 510.1 – Pipe and Fittings – Standard Sizes.
- Update ESP 512.2 – Pipeline Material Estimate.
- Update ESP 514 – Identifying Buried Conflicts.
- The update of ESP 512.1 (Water Main and Services Design Criteria) is in development, with a planned completion in July 2018. New criteria to be added to ESP 512.1 includes a “Pipeline Material Selection” Decision Tree, HDPE design criteria, design criteria references, updated clearance requirements per Title 22, and criteria for pipeline abandonment. ESP 512.5 (Design Standards for Recycled Water Facilities) will be updated once ESP 512.1 is finalized.
- Update Standard Drawing 237-EA – Steel Pipe Mortar Lined & Coated Joint Details 4-inch through 20-inch.
- Update Standard Drawing 286-EA – Galvanic Anode Installation.
- Update Standard Drawing 1992-A – Pipe Trench Excavation and Backfill.

- Update Standards Drawing 1995-A – Multiple Branch Service Installations ¾-Inch through 2-Inch to add options for vault installation and staggered meter boxes.
- Update Standard Drawing 9947-G (1through 3) – Multiple Water Service Installation and Vault Installation.

Committee Members

Andy Akelman	Manager of Purchasing
David Bailey	Senior Mechanical Engineer
Marisa Boyce	Senior Civil Engineer
Carlton Chan (Chair)	Manager of Pipeline Infrastructure
Mobil Cox	Construction/Maintenance Superintendent
Elena Dudek	Associate Civil Engineer
Timothy Harris	Construction/Maintenance Superintendent
Damon Hom	Superintendent Water Treatment/Distribution/Quality
Gina Jenkins	Manager of Maintenance Support
Laura Johnson	Manager of Pipeline Construction and Equipment
David Katzev	Senior Civil Engineer
Antonio Martinez	Manager of Distribution Maintenance and Construction
Marshall McLeod	Senior Civil Engineer
Roberts McMullin	Senior Civil Engineer
Keith Packard	Associate Corrosion Control Specialist
Vincent Pon	Superintendent of Aqueduct
Jason Reza	Supervising Construction Inspector
Jose Rios	Senior Civil Engineer
Kenneth Younger	Materials Storage Supervisor

MATERIAL REVIEW COMMITTEE ANNUAL REPORT – 2018

The Material Review Committee (MRC) is a standing subcommittee of the Pipe Committee was formed in March 1990 to set priorities and coordinate work in the areas of new product evaluation, complaints on existing products, and changes in specifications and engineering drawings. This summary report describes the Committee's accomplishments in 2018 and goals for 2019.

2018 Accomplishments

The following are highlights and items presented to and/or investigated by the committee:

- C-900 vs C-909 PVC Pipe: The MRC continues to monitor the performance of the recommended the C-909 pipe being installed as part of the Pipeline Rebuild Project. The Committee continues to support the switch to C-909 based on a combination of cost, availability, ease of use, and product performance;
- Uninsulated Products: The MRC made a significant effort in 2018 to address the problem of using uninsulated products. For example, the MRC recommended that District warehouses not stock uninsulated meter couplings. Staff worked with a vendor to manufacture an insulated replacement which is now in stock. The District awarded a contract for insulated copper anodes. After pipeline crews were trained corrosion control and the rate of anode installations increased significantly;
- Hymax Grip Couplings: Pipeline crews reported to the MRC that Hymax Grip Couplings are much better, easier to use, and more versatile. After conducting product reviews, talking to staff, the MRC recommended that Hymax Grip Couplings as the standard for 6-inch and 8-inch products. District warehouses are now stocked with these couplings;
- Municipex Pipe: The MRC invited a manufacturer's representative to give a presentation on this product which is widely used in other portions of the country, but not currently in California. It is a polyethylene derivative, but is much stronger with a 200 psi rating with a cost of approximately half of copper tubing. San Jose Water is currently piloting this material. The MRC will speak with San Jose Water after the pilot to get lessons learned;
- Bad Sand: To address the issue with receiving bad sand with a salt problem the District changed its specifications to increase resistivity and specify that the sand not originate from a salt water environment. The District shifted to Elliott 101 which looks like sand, and can be used as long as it comes from a non-saltwater environment;
- 12-inch Insulated Flex Coupling: This product comes with a gasket made from Buna-N nitrile rubber material which is no longer allowed. The District now uses a synthetic rubber material called EDPM. The District is having difficulty finding vendors who would provide EDPM gaskets. At one point, Dresser Manufacturing agreed to make EDPM gaskets and later informed us that there is not enough market demand to justify producing them. Staff is still trying to identify a supplier; and

- ReBuild Project Coordination: The MRC coordinated with the ReBuild project team on the many new products and processes they are investigating, which include pipe materials such as PVCO, iPVC, various ductile iron products, restrained fittings, and others. The MRC is a great forum for information and idea sharing.

2019 Goals

The MRC will continue to be the primary forum for information distribution and discussion of issues related to new product evaluation, complaints on existing products, and changes in specifications and engineering drawings matters. In 2019, the MRC will prioritize the following:

- Develop training standardization efforts for tool and equipment;
- Improve communications and outreach on the importance of cathodic protection and products/methods to improve performance;
- Continue to compile data on C-909 pipe from District experiences and from other agencies.
- Follow up on 2018 efforts with surplus equipment, gate pot lids, data loggers, and uninsulated products;
- Conduct general outreach to end users and engineers on the MRC information posted on the intranet as well as usable surplus property at Oakport; and
- Invite product or industry experts to MRC meetings to educate and inform about new products and processes related to the water and wastewater industries.

Committee Members

Andy Akelman (Chair)	Manager of Purchasing
Dennis Carroll	Supervising Construction Inspector
David Correa	Material Storage Foreman
Mobil Cox	Construction /Maintenance Superintendent
Timothy Harris	Construction /Maintenance Superintendent
Ronald Monteforte	Supervising Plant Inspector
Julia Mittal	Associate Civil Engineer
Thomas Reinhart	Material Storage Supervisor
Jessica Rockwell	Senior Administrative Clerk
Rochelle Roybal	Buyer II
Kelley Smith	Manager of Purchasing
Jonathan Tham	Senior Civil Engineer
Hank Williams	Associate Corrosion Control Specialist

SUSTAINABILITY COMMITTEE ANNUAL REPORT – 2018

In accordance with District Procedure 603, this memo is the annual report for the Sustainability Committee. The Committee's purpose is to advance sustainability practices and policies at the District, consistent with Policy 7.05 - Sustainability. The Committee's goals and objectives are to:

- Achieve continuous improvement in sustainability practices with a primary focus on waste reduction, energy conservation, and water conservation;
- Engage staff to identify and implement sustainability opportunities and best practices for improving operations, guided by the triple bottom line (economic, social, and environmental); and
- Ensure that sustainability practices and concepts are embedded in the District's culture.

The Sustainability Committee's practices and principles support and demonstrate the District's core values of Stewardship, Integrity, Teamwork, and Respect.

2018 Accomplishments

The Committee met nine times in 2018 and reports the following accomplishments.

- April 18, 2018 – Coordinated the 19th annual Earth Day event. The numerous exhibits from both District workgroups and external vendors showcased sustainability efforts and programs at the District and in the service area. Throughout the week, the Committee sent out educational quizzes and emails on sustainability topics, as well as prizes.
- October 2, 2018 – Coordinated the 4th annual Crop Swap. The event was held at the Administration Building with 10 staff contributing home-grown produce.
- October 26, 2018 – Prepared and distributed the fourth annual District-wide report on sustainability to the Board of Directors. This year, the report featured improved graphics and layout for public readers, and continued to use the District's Strategic Plan as the basis for linking sustainability efforts to the six long-term goals.
- Supported efforts to certify five additional District facilities as Green Businesses (with four re-certified), and another two facilities as WaterSmart Businesses.
- Continued employee sustainability outreach and advocacy with over 130 related features in Splashes, 11 articles in the Regulatory Compliance Office Newsletter, and five speakers at the Engineers' Forum.
- Continued campaign to reduce plastics use at the District.
- Created the Biking Subcommittee to support a bicycle-friendly workplace.
- Supported the "Garbage Project" in installing the 3-bin waste collection system at five local district facilities, and notifying two more upcountry. Three new account numbers were created to distinguish expenses for landfill, recycling, and compost.
- Advanced the new Carpool Connection initiative which signed up 17 people, and matching four so far, resulting in two new carpools.

- Contributed to the successful nomination for the Association of Metropolitan Water Agencies’ “Sustainable Utility Award.”
- Welcomed six new members to the Committee.

2019 Goals

- Organize the 20th annual Earth Day event on April 24, 2019.
- Coordinate the fifth annual Crop Swap in September 2019.
- Continue and expand employee outreach and education (*Splashes*, intranet, reports, Green Bags/Engineers’ Forum).
- Support the Senior Management Team’s priority planning and actions on sustainability and resilience, and developing a climate action plan and climate policy.
- Conduct a pilot program for centralized purchasing and distribution of sustainable party supplies within Operations and Maintenance Department.
- Continue to explore eco-friendly commute alternatives for employees.
- Begin pilot testing of electric hand dryers at the Adeline Maintenance Center Shops Building and Administration Building.
- Pursue additional Green Business and WaterSmart certifications of District facilities.
- Seek new strategies for reducing solid waste and improving water and energy conservation.
- Update and expand the Sustainability webpage on the District’s intranet.
- Draft sustainable procurement guidelines.
- Continue to advance a “culture of sustainability” at the District at all levels and in all workgroups.
- Biking Subcommittee goals:
 - Improve biking amenities at all EBMUD facilities (bike racks, bike repair equipment, signage, etc.).
 - Improve bike permit system.
 - Improve bike parking as an option at the Administration Building for staff and potentially visitors.
 - Host events such as a Bike to Work Day, bike repair lesson, group rides to work, and lunchtime bike trips around Lake Merritt or the Bay Trail.
 - Investigate use of FordGo bikes for local employee business trips.
 - Apply to be a bicycle-friendly business with the League of American Bicyclists.

Committee Members

Michael Ambrose

Greg Benson

Jolene Bertetto

Nadia Borisova

Clifford Chan

Tracy Da Lomba

Suzanne Delbou

Kristen Font

Manager of Maintenance and Construction

Senior Administrative Clerk

Water Conservation Representative

Environmental Health & Safety Specialist II

Director of Operations and Maintenance

Water System Inspector II

Management Analyst I

Wastewater Control Representative

Sustainability Committee Annual Report – 2018

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Lorena Girardin	Senior Administrative Clerk
Victor Gonzales	Associate Mechanical Engineer
Chandra Johannesson (Co-Chair)	Manager of Environmental Compliance
Dennis Karaim	Drafting Supervisor
Tina Kwan	Senior Administrative Clerk
Tony Montano	Manager of Facility Maintenance & Construction
Virginia Northrop	Senior Ranger/Naturalist
Suzanne Porter	Building Tenant Services Supervisor
Ivette Rivera	Gardener Foreman
Luke Sires	Water Conservation Representative
Joey Smith	Water Conservation Technician
Kelley Smith	Manager of Purchasing
Alice Towey	Senior Civil Engineer
Theresa Walker	Janitor Supervisor
Doug Wallace (Co-Chair)	Special Assistant to the General Manager IV
Agnes Wan	Associate Architect

WATER QUALITY COMMITTEE ANNUAL REPORT – 2018

The purpose and charge of the Water Quality Committee are to:

- Review, oversee, and coordinate the District's drinking water quality program.
- Promote the efficient collection, management, and use of water quality information.
- Promote distribution of water quality information throughout the District.
- Ensure, review, and comment on legislation and regulations affecting drinking water.
- Recommend appropriate actions as needed to respond to drinking water quality issues.
- Set District water quality goals.

2018 Accomplishments

- Held eleven meetings in 2018.
- Created more than 20 charts and figures each month containing current and historical water quality data from multiple locations. Electronic versions are stored on the intranet for use by committee members later as needed.
- Reviewed monthly charts each meeting and discussed trends or changes in various water quality parameters. Developed new applications such as water quality mapping for review by the committee. Review of these charts and maps facilitated discussion of ongoing or potential upcoming water quality issues at the treatment plants or in the distribution system.
- Tracked proposed legislation and draft regulatory changes, and developed comments when appropriate.
- Prepared two semi-annual water quality reports for the Board of Directors summarizing the status of the District's compliance with the regulatory requirements, as well as with the District's internal water quality goals.
- Provided input for the District's annual Consumer Confidence Report.
- Discussed and provided input to the District's ongoing lead monitoring and mitigation programs. Several major efforts continued in 2018 including a program allowing individual customers to have their home taps tested, a sampling program for lead in schools, and the update of the service lateral inventory including testing and removal any remaining lead services.
- Reviewed data and provided input regarding ongoing engineering capital projects that have an impact on water quality during 2018.
- Reviewed results of ongoing research projects and discussed potential applications to the District. Members of the committee participated in various research projects, both as Project Advisory Committee members and as participating utilities, and shared information about these projects at committee meetings.

2019 Goals

The committee will continue to meet monthly to review, coordinate, and oversee the District's water quality program. Specifically the committee plans to:

- Review and modify, if necessary, the District's water quality goals and ensure that they incorporate all relevant contaminants and are appropriately set to incorporate the latest technical information and regulatory requirements.
- Continue reviewing upcoming legislative and regulatory changes, and develop and submit comments where appropriate. Advocate for sound science in the development of legislation and regulation.
- Continue improving the display and dissemination of water quality data, particularly by using new tools such as mapping and web-based applications.
- Participate in water industry organizations and exchange water quality information and research results with other water utilities and organizations.
- Ensure that water quality issues are considered and addressed in all District projects that may impact water quality.
- Review the District's water quality pilot work plan.

Committee Members

Michael Ambrose	Manager of Maintenance and Construction
Hilary Anderson	Manager of Operations and Maintenance Planning
Nirmela Arsem	Manager of Laboratory Services
Ardy Assaadi-Rad	Assistant Civil Engineer, Process Engineering
Charles Beckman	Ranger Supervisor
David Briggs	Manager of Water Operations
Carlton Chan	Manager of Pipeline Infrastructure
Clifford Chan	Director of Operations and Maintenance Department
Augustus Cicala	Associate Civil Engineer
Roberto Cortez	Superintendent of Water Treatment/Distribution/Quality
Andrew Enos	Associate Engineer
Paul Gilbert-Snyder	Associate Engineer
Daniel Gill	Superintendent of Water Treatment
Michael Hartlaub	Senior Civil Engineer
Scott Hill	Manager of Watershed & Recreation
Damon Hom	Superintendent of Water Treatment/Distribution/Quality
Linda Hu	Senior Civil Engineer
Cindy Hunt	Superintendent of Water Treatment/Distribution/Quality
Chandra Johannesson	Manager of Environmental Compliance
Brett Kawakami	Engineering Manager
Hubert Lai	Senior Civil Engineer
Jack Lim	Senior Chemist
Kristi Lorenson	Senior Chemist
Jason Mitchell	Senior Chemist
Vincent Pon	Superintendent of Aqueduct

Water Quality Committee Annual Report – 2018

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Javier Ramos	Water Distribution Supervisor
David Rehnstrom	Engineering Manager
Debra Skeaton	Water Distribution Supervisor
Richard Sykes	Director of Water and Natural Resources Department
Susan Teefy (Chair)	Manager of Water Quality
Gordon Williams	Manager of Regulatory Planning for Water Quality

WATER RESOURCES COMMITTEE ANNUAL REPORT – 2018

The Water Resources Committee (WRC) coordinates and clarifies District responses to emerging water resources issues to advance District policies in a comprehensive and effective manner.

2018 Accomplishments

In 2018, the WRC focused on activities related to developing a voluntary settlement agreement (VSA) for the State Water Resources Control Board (SWRCB) Bay-Delta Water Quality Control Plan (Bay-Delta Plan) Update for Phase II. The SWRCB is updating their Bay-Delta Plan to protect beneficial uses in the Bay-Delta watershed. Phase I of this work involves updating San Joaquin River flow and southern Delta water quality requirements. The SWRCB took action toward completing Phase I on December 12, 2018. The framework for proposed changes in Phase II was released to the public in July 2018. The framework includes: new inflow requirements for the Sacramento River, its tributaries, and eastside tributaries to the Delta (the Mokelumne, Calaveras and Cosumnes rivers); new and modified Delta outflow requirements; new requirements for cold water habitat; new and modified interior Delta flow requirements; recommendations for complementary ecosystem protection actions; and adaptive management, monitoring, evaluation, special study, and reporting provisions.

Over the last year, EBMUD coordinated on a weekly basis with Mokelumne River stakeholders and California Department of Fish and Wildlife (DFW) to develop acceptable flow and non-flow measures for a VSA that can be included in the SWRCB's Bay-Delta Plan Update for Phase II. In August 2018, EBMUD and Mokelumne River stakeholders submitted to DFW a substantially complete VSA for DFW review and approval. DFW provided draft principles of a tentative agreement with the Mokelumne stakeholders to the SWRCB on December 12, 2018. EBMUD also coordinated with other stakeholders from the Mokelumne and American Rivers to share and exchange information to promote an environment of collaboration and partnerships. The WRC coordinated efforts to assess and determine water supply conditions that could be used to develop a flow proposal that provides additional benefits to the Mokelumne River and Bay-Delta ecosystems.

The WRC also worked closely to develop and present EBMUD's Part 2 case-in-chief in the SWRCB's hearing on the WaterFix joint change petition filed by the California Department of Water Resources and the U.S. Bureau of Reclamation (USBR) for the State Water Project and Central Valley Project respectively. The petition seeks to add three new points of diversion near the Freeport Regional Water Project. The SWRCB began Phase 2 hearings (Effects on Fish and Wildlife, Recreational Uses or other Public Trust Resources) on February 8, 2018 and continued through October 1, 2018. Working with the Office of General Counsel, District staff provided expert witness case-in-chief and rebuttal testimony, and worked closely with counsel to develop EBMUD's cross examination questions regarding potential impacts to the Mokelumne River Fishery from the WaterFix change petitions.

The WRC also led efforts on several activities:

- Secured approval of a temporary change to Permit 10478 from the SWRCB to transfer 1,000 acre-feet to North San Joaquin Water Conservation District (NSJWCD) to implement the Demonstration Recharge, Extraction, and Aquifer Management (DREAM) Project. EBMUD coordinated with NSJWCD to implement the project in compliance with the terms of the temporary permit. NSJWCD diverted approximately 53 acre-feet in July 2018. EBMUD will need to obtain approval for another temporary change petition in 2019 to divert the remainder of the 1,000 acre-feet allocated for the DREAM Project.
- Reached agreement with Amador Water Agency on a water supply contract for the Camanche Regional Water Treatment Plant to serve the Camanche North Shore Area. A similar agreement with Calaveras County Water District to serve the Camanche Area South Shore is pending.
- Implemented the Bayside Project. EBMUD injected approximately 7.7 MG of surplus pre-1914 water from San Leandro Creek through the Upper San Leandro treatment plant.
- Coordinated with Contra Costa Water District and other agencies in completing the DEIR/DEIS supplement for EBMUD's component of the Los Vaqueros Reservoir Expansion Project.
- Completed an interdepartmental procedure for implementing the gainsharing provision of the Joint Settlement Agreement.
- Provided research and worked with counsel to prepare legal filings to defend EBMUD in the Woodbridge Irrigation District (WID) litigation. This included assisting in the preparation of EBMUD's answer to the WID complaint and EBMUD's cross complaint against WID.
- Participated in discussions with internal stakeholders, the Department of Water Resources, the SWRCB and California Urban Water Agencies to develop water use efficiency legislations that was signed into law on May 30, 2018. Reported water consumption to the SWRCB in compliance with the Governor's Executive Order to reduce water use.
- Coordinated with the EBMUD's Water Loss Audit Committee to complete the Water Loss Audit for calendar year 2017 and submitted to the SWRCB electronically on October 1, 2018.
- Initiated negotiations with USBR in accordance with the Water Infrastructure Improvements for the Nation (WIIN) Act to convert the EBMUD's Long-Term Renewal Contract to a Repayment Contract. Negotiations are expected to begin in January 2019.
- Coordinated with Jackson Valley Irrigation District and successfully completed EBMUD's Emergency Action Plan 5-year Functional Exercise.
- Coordinated and completed the review and update of Policy 9.03 (Water Supply Availability and Deficiency Report).
- Coordinated and completed the review and update of Policy 9.07 (Dam Safety Program).
- Coordinated and completed the review and update of Procedure 900 (Water Supply and Consumption Accounting and Reporting).
- Completed a comprehensive dam safety assessment and submitted the final report to the Federal Energy Regulatory Commission (FERC) in March 2018. Forty-eight recommendations came out of the assessment of which 164 associated tasks need to be implemented by the District.

- Completed internal physical and cyber security tabletop exercise which has led to recommendations to address vulnerabilities.
- Coordinated with FERC to complete annual inspections, submitted annual Operations Plan report, and requested time extensions when needed to ensure continued compliance with EBMUD's FERC License.

The WRC ensured that the District's response to these issues were effective and consistent throughout departmental lines. Additionally, the WRC adjusted the District's strategies and responses to these issues as necessitated by changing conditions.

2019 Goals

- Coordinate with other agencies to secure a voluntary agreement for inclusion in the SWRCB Bay-Delta Plan Update Phase II Substitute Environmental Document (SED). The SWRCB plans to release the draft SED and Plan Update by early 2019. The hearing for Phase II is unlikely to begin before June 2019.
- Review and respond to SWRCB's Bay-Delta Plan Update for Phase II, to present expert testimony and recommend actions to prevent potential impacts to Mokelumne River fishery.
- Reach agreement with Calaveras County Water District and Calaveras Public Utility District in 2019 on a raw water service agreement that provides water supply to serve the Camanche Area South Shore.
- Develop, coordinate and negotiate implementation agreements with the San Joaquin County entities consistent with Camanche Permit Extension Protest Dismissal Agreement. Staff expects to develop change petitions to implement changes to water right permits, develop operating and coordination agreements, complete implementation of the groundwater banking project, obtain export permits, and comply with CEQA requirements.
- Continue to work with SWRCB to process four "clean-up" change petitions filed in 2012 to ensure that the permits and licenses issued by the SWRCB for the Mokelumne River facilities accurately reflect EBMUD's existing municipal and hydroelectric operations and current service area boundary. Staff plans to coordinate with SWRCB in January 2019.
- Continue to coordinate District responses to Mokelumne and Bay-Delta emerging water resource issues. Strategic responses continue to be guided by the principle that a balanced approach to allocation of California's water resources to meet both environmental and water supply needs is fundamental to the District's mission.

Committee Members

Alexander Coate	General Manager
David Briggs	Manager of Water Operations
Clifford Chan	Director of Operations and Maintenance
Fred Etheridge	Assistant General Counsel
Jose Setka	Manager of Fisheries and Wildlife
Craig Spencer	General Counsel
Richard Sykes	Director of Water and Natural Resources
Lena Tam (Chair)	Engineering Manager
Ana Ulloa	Senior Civil Engineer

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 8, 2019

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Douglas I. Wallace, Special Assistant to the General Manager *DIW*

SUBJECT: Revised Six-Month Forecast of Board Committee and Workshop Agenda Topics for 2019

The Board of Directors received a six-month committee and workshop forecast for January through June 2019 at its Regular Meeting on December 11, 2018. The forecast identifies items staff proposes to bring before committees and outlines upcoming workshops and events. The attached table has been revised to include updated meeting dates.

Please contact the Secretary's Office if you have questions or need more information.

ARC:DIW:cw

Attachment

I:\SEC\2019 Board Related Items\010819 Board Agenda Items\OGM - Committee Forecast FY19.doc

**2019 BOARD COMMITTEES AND WORKSHOPS
Six Month Forecast
(January through June 2019)**

	Planning— 2nd Tuesdays	Leg/HR— 2nd Tuesdays	Finance— 4th Tuesdays	Sustainability/Energy Quarterly	Workshops/Events
January	<ul style="list-style-type: none"> • Consent Decree Update • Wastewater Pretreatment and Pollution Prevention Update • Wastewater Integrated Master Plan • Orinda Water Treatment Plant Disinfection Improvements 	<ul style="list-style-type: none"> • Legislative Update • Federal Legislative Initiatives for 2019 • Changes to Contract Equity Program Small Business Enterprise Bid Discount 	<ul style="list-style-type: none"> • Monthly Investment Transactions Report • Interest Rate Swap Portfolio Summary Report • Quarterly Financial Reports 		<ul style="list-style-type: none"> • FRWA (1/10) • Retirement Board (1/17) • Budget Workshop #1 (1/22) • UMRWA (1/25)
February	<ul style="list-style-type: none"> • Biogas Upgrading Project Update • Delta Update including Water Fix • San Ramon RW Pump Station R3000 • Distribution Control System Experion Engineering Support Project Update 	<ul style="list-style-type: none"> • Legislative Update • Effects of Diversity & Inclusion Program on Diversity Numbers • Update on District Values & Organizational Improvements Program 	<ul style="list-style-type: none"> • FM&O Contracts • FY19 Semi-Annual Budget Performance Report • Monthly Investment Transactions Report • Annual Update of Employees' Retirement System • FIS/MMIS Update • Revisions to District Policies • Semi-Annual Internal Audit Report 	<ul style="list-style-type: none"> • IPM Program Update • Heavy Duty Fleet Electrification • Draft Climate Action Policy • Photovoltaic Update • Promotional Items Plan 	<ul style="list-style-type: none"> • DERWA (2/04)
March	<ul style="list-style-type: none"> • Inter-Agency Coordination • Orinda WTP Disinfection Improvements • Salmon Return Update • Regional Private Sewer Lateral Ordinance Changes • Intranet Redesign 	<ul style="list-style-type: none"> • Legislative Update • Annual Diversity & Inclusion Program Report 	<ul style="list-style-type: none"> • Monthly Investment Transactions Report 		<ul style="list-style-type: none"> • Long-Term Water Supply Workshop (3/12) • EBMUD/EBRPD Liaison (TBD) • Retirement Board (3/21) • DERWA (3/25) • Budget Workshop #2 (3/26)

	Planning— 2nd Tuesdays	Leg/HR— 2nd Tuesdays	Finance— 4th Tuesdays	Sustainability/Energy Quarterly	Workshops/Events
April	<ul style="list-style-type: none"> • Earthquake Preparedness • Water Quality Program Semi-Annual Update • Regulatory Compliance Semi-Annual Report • AMI Water-Energy Nexus Study Update • 3rd Street Interceptor Phase 2 Project Outreach • Wastewater Operator Training Program • Recreation Update 	<ul style="list-style-type: none"> • Legislative Update 	<ul style="list-style-type: none"> • Quarterly Financial Reports • Monthly Investment Transactions Report • Investment Policy Annual Review • Sale of Water Revenue Bonds • Los Vaqueros Update 	<ul style="list-style-type: none"> • Wastewater Biogas Utilization Update • Biosolids Management Update 	<ul style="list-style-type: none"> • Budget Workshop #3 (4/09) • FRWA (4/11) • UMRWA (4/26)
May	<ul style="list-style-type: none"> • Customer Opinion Survey Results 	<ul style="list-style-type: none"> • Diversity Committees Update 	<ul style="list-style-type: none"> • Monthly Investment Transactions Report 		<ul style="list-style-type: none"> • DERWA (5/20) • Retirement Board (5/30)
June	<ul style="list-style-type: none"> • Microplastics in Drinking Water Update 	<ul style="list-style-type: none"> • Legislative Update 	<ul style="list-style-type: none"> • Monthly Investment Transactions Report 		<ul style="list-style-type: none"> • Public Hearing on FY20 & FY21 Proposed Rates and Charges (6/11)

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 8, 2019

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Douglas I. Wallace, Special Assistant to the General Manager *DW*

SUBJECT: Water on Wheels Trailer, Community Event Schedule 2019

The "Water on Wheels" (WOW) mobile water trailer has been a highly popular feature at numerous community events sponsored by EBMUD in the last year. The trailer has the capacity to dispense up to 350 gallons of chilled water via bottle filling or drinking fountain fixtures. After a period of testing in fall 2017 and a full year of refining the process for events in 2018, the WOW trailer is available for public events sponsored by EBMUD. In 2019, the trailer will be featured at approximately 15 events as described on the attached schedule. (Final decisions are dependent on organizer confirmation.)

The WOW trailer is one component of the District's Drink Tap campaign, which began in spring 2017 with advertisements on AC Transit bus shelters and buses, and on the District's Oakport Facility billboard adjacent to Interstate 880 from April 2017 - March 2018. The campaign was complemented by branded reusable steel water bottles distributed at sponsored events beginning in fall 2017 and continuing in 2018. Due to gaining popularity, the WOW trailer is scheduled to appear at more events in 2019 than in the past. Board members are requested to review the attached schedule and inform the Public Affairs Office if they have questions about the proposed WOW commitments.

Featuring the WOW trailer at community events helps community members better understand the health, economic, and environmental benefits of consuming tap water (over purchased single use bottled water). This project actively enhances the District's stewardship of the environment and makes free drinking water available in public places in a safe and effective manner.

ARC:DIW:RG:cw

Attachment

I:\Sec\2019 Board Related Items\010819 Board Agenda Items\OGM - Water on Wheels Trailer Event Schedule 2019.doc

2019 PROPOSED SCHEDULE FOR WATER ON WHEELS

Attachment

Date/Time	Group	Ward	Estimated Audience	Notes
5/11/19 11am - 4pm	Moraga Chamber Community Faire	3	2,500	Did not attend in 2018
5/25-26/19 11am - 6pm	City of San Ramon Art & Wind Festival	2,7	5,000	Did not attend in 2018
6/1/19 11am - 6pm	City of San Leandro Cherry Festival	5,7	30,000	Attended in 2018
6/3/19	Berkeley Sunday Streets (Walk Oakland Bike Oakland)	4	50,000	Did not attend in 2018
7/14/19 11am - 6pm	Crockett Chamber Sugartown Festival	1	10,000	Attended in 2018
7/27-28/19 10am - 6pm	Downtown Alameda Art & Wine Festival	5	50,000	Attended in 2018
8/24-25/19 10am - 5pm	Oakland Chinatown Chamber StreetFest	3,4,5,6	60,000	Attended in 2018
9/7-8/19 10am - 6pm	Castro Valley Chamber Fall Festival	7	60,000	Attended in 2018, in 2019 only present 9/7, splitting weekend with 9/8 Oakland Pride Parade
9/8/19 10am - 5pm	Solano Avenue Stroll	4	200,000	Attended in 2018, will not attend in 2019, deferring Solano Avenue Stroll to 2020
9/8/19 11am - 7pm	Oakland Pride Parade	3,4,5,6	50,000	Did not attend in 2018, attending in 2019 instead of Solano Avenue Stroll which received preference in 2018
9/14/19 1pm - 5pm	Richmond Main Street Spirit & Soul Festival	1	1,500	Attended in 2018
9/14-15/19 10am - 6pm	Lafayette Chamber Art, Wine & Music Festival	2	50,000	Attended in 2018, in 2019 only present 9/14, splitting weekend with 9/15 El Sobrante Chamber Stroll
9/15/19 10am - 4pm	El Sobrante Chamber Stroll	3	30,000	Did not attend in 2018
10/6/19 10am - 6pm	San Leandro Downtown Association Sausage and Suds	5,7	6,000	Attended in 2018
10/19/19 11am - 6pm	Walnut Creek Chamber Oktoberfest	2	10,000	Attended in 2018
11/3/19 10am - 5pm	The Unity Council - Dia De Los Muertos (Oakland)	3,4,5,6	60,000	Attended in 2018

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 8, 2019
MEMO TO: Board of Directors
FROM: Alexander R. Coate, General Manager *ARC*
SUBJECT: Monthly Report – December 2018

HIGHLIGHTS

In December, staff conducted a redd spawning survey counting a cumulative total of 2,267 Chinook redds. The redd number is at a record high since surveying began in 1990. Video monitoring of salmon passage has shown a cumulative total of 17,451, with over 11,000 of those spawning in-river (a record high) and the remainder entering the hatchery. The record number of redds is linked to the record number of in-river spawners. Due to optimal environmental conditions for incubation, it is anticipated that the record number of redds will result in a significant increase in the natural production of juveniles this spring.

WATER SUPPLY

East Bayshore Recycled Water Project recycled water customer site retrofits are continuing. In December, staff successfully conducted cross-connection testing and established recycled water service on a streetscape project on Christie Avenue in Emeryville. A soil management plan was submitted to Department of Toxic Substances Control for the Courtyard by Marriott site on Christie Avenue for review and approval prior to continuation of retrofit construction.

San Ramon Valley recycled water customer site retrofits are continuing. In December, staff completed final inspection and established recycled water service at the Bishop Ranch-City Center mall complex. Final connection has been delayed at Bishop Ranch Park due to a buried main valve for the site's fire service near Bollinger Canyon Road. Staff is working with the City of San Ramon to uncover the valve to complete the fire service backflow installation. Cross-connection testing at the PG&E Conference is scheduled for January.

On December 7, the comment period closed for the San Ramon Valley Recycled Water Project Pump Station R3000 Project Initial Study/Mitigated Negative Declaration (MND). Fifty-six comments were received. In early 2019, staff will respond to comments and bring the final MND for Board consideration.

On December 12, staff participated in a public meeting for the proposed Central Contra Costa Sanitary District's Wastewater Diversion Project. The proposed project would divert wastewater to augment recycled water supply for the Dublin San Ramon Services District/EBMUD Recycled Water Authority. Staff addressed questions from the public.

On December 17, staff continued discussions on coordination of Mokelumne River operations. Staff met with Jackson Valley Irrigation District (JVID) to discuss JVID's diversion operations and identify potential amendments to the existing 1999 agreement between JVID and the District to address JVID's year-round domestic water supply needs. Staff agreed to draft proposed amendments including new provisions such as: 1) JVID's schedule of releases for domestic uses to be submitted by December 1st; 2) payment for wheeling water purchased by JVID through Amador Water Agency; 3) operation of JVID's pump station in Pardee Reservoir; and 4) compliance with SWRCB's measurement and reporting requirements. Staff plans to develop draft amendments to the existing contracts between JVID and the District by end of January 2019.

Precipitation. The East Bay precipitation for December was 2.26 inches (47 percent of average) and the season total was 6.40 inches (65 percent of average). The Mokelumne precipitation for December was 3.95 inches (50 percent of average) and the season total was 13.62 inches (79 percent of average).

Water Releases

Camanche Reservoir. The average rate of Camanche release for December was 337 cfs (118 cfs generation, 196 cfs sluice, and 23 cfs through the hatchery), and the average flow below Woodbridge Dam was 281 cfs, both in accordance with the Joint Settlement Agreement "Normal & Above" criteria.

East Bay Reservoirs. There were no East Bay reservoir releases in December.

Water Storage

Mokelumne reservoirs storage is 112 percent of average. As of December 31, 2018, Pardee was at 558.9 feet or 103 percent of average, and the Camanche was at 219.6 feet or 119 percent of average. Combined Pardee and Camanche reservoir storage was 491,000 acre-feet compared to 496,000 acre-feet last year.

East Bay reservoirs storage is 90 percent of average. As of December 31, 2018, USL was at 440.5 feet or 95 percent of average, San Pablo was at 299.3 feet or 98 percent of average, and Briones was at 553.8 feet or 83 percent of average. Total terminal reservoir storage was 109,000 acre-feet compared to 123,000 acre-feet last year.

Mokelumne Aqueducts and Raw Water Pumping Plants. The average rate of Mokelumne Aqueduct draft for December 2018 was 86 MGD. Mokelumne Aqueduct No. 3 remained out of service in December for planned inspection and maintenance. Walnut Creek, Moraga and Briones Raw Water Pumping Plants remained out of service for the month.

Water Production. Average rate of gross water production for December:

	December 2018	December 2017	December 2013	Average of FY 2005-2007
East of Hills	25 MGD	31 MGD	37 MGD	30 MGD
West of Hills	101 MGD	106 MGD	117 MGD	126 MGD
Total	126 MGD	137 MGD	154 MGD	156 MGD
Max Day Production	136 MGD (12/5/2018)	148 MGD (12/11/2017)	165 MGD (12/2/2013)	

Note: Data are all from preliminary daily operational reports and are subject to revision

WATER QUALITY AND ENVIRONMENTAL PROTECTION

The District and the Bay Area Clean Water Agencies submitted comments in response to proposed changes to chronic toxicity results evaluation using the Test of Significant Toxicity (TST) statistical model recently published by the State Water Resources Control Board. The main concern for wastewater utilities is the potential new requirement to run three tests in a month. Due to the extensive nature of the test and the need to acquire live organisms that live in sea water, this will be a challenge for the District.

In December, three industrial customers in the wastewater service area were issued a Notice of Violation (NOV) for exceeding the District’s local limit for pH and metals concentrations. The pH NOVs were issued to a beverage manufacturing facility in Oakland and a pharmaceutical manufacturer in Berkeley. The metal concentrations (chromium and nickel) NOV was issued to a metal finishing facility in Oakland. All three industrial customers are required to submit a corrective action plan and pay fees to cover the District re-inspection and sampling costs.

In December, staff conducted photo monitoring of restoration project sites as required by permits for the San Pablo Dam Seismic Upgrade Project. Staff monitors the wetlands and creeks at Pavon and Scow four times a year. Monitoring results since 2010 demonstrate the District has surpassed the permits’ goals for wetland and creek restoration.

In December, the District removed 22 dead Eucalyptus trees near the Canyon School in the community of Canyon. The trees were removed as part of the routine hazard tree management program.

On December 5, staff participated in the Bay Area Climate Adaptation Network’s Central Bay sub-regional meeting. Representatives from cities, counties, and public agencies in the central Bay Area discussed their work on climate change adaptation.

On December 5, staff completed a survey of pallid manzanita in the Upper San Leandro watershed as required by the East Bay Habitat Conservation Plan. The survey determined the population is sustaining itself. Ninety-two live plants and 12 saplings were counted, showing that the plants are surviving at an acceptable rate.

On December 31, the District submitted an improvement plan update of the District’s Pretreatment Pollution Prevention (P2) Programs to the Regional Water Quality Control Board (Regional Board) and to the Environmental Protection Agency. In 2017 the District’s P2 Programs received a Pretreatment Compliance Inspection (PCI). In February 2018, the District received the PCI report from the Regional Board, which detailed areas for improvement. Staff worked throughout the year to address both the specific items in the report and areas for improvement.

All authorized discharges from the MWWTP were in compliance with the permit limits for the month of December. This is the 232nd consecutive month that the MWWTP experienced no exceedances.

The District received no odor reports from the public in December.

INFRASTRUCTURE INVESTMENT

Trench Soils Removal and Reuse Project Update. In December, staff completed the off-haul of trench soils from Briones. The project removed 280,000 cubic yards of trench soils from Briones, which should provide more than seven years of operational space at the site. Most of the removed soils were reused as landfill daily cover at Altamont landfill in Livermore and a commercial/residential development in Vallejo. A small amount of soils were reused at the Dumbarton Quarry Reclamation Project in Fremont.

Orinda Water Treatment Plant Disinfection Improvements Project Update. In December, staff finished modifications to the ultraviolet equipment to facilitate the final phase of the pilot study, which will simulate future corrosion control improvements. This phase is expected to be completed in March 2019 and will be used to determine the most reliable, cost-effective UV reactor design that will also be compatible with the District’s future corrosion control strategies.

Sobrante and Upper San Leandro (USL) Water Treatment Plants Ozone Systems Improvement Project Update. Staff completed ozone system performance testing with energy efficiency testing results exceeding expectations at USL. These improvements will deliver lower than expected life cycle costs to the ratepayers. Remaining work on the project includes the arc flash safety improvements which will be completed in February during the seasonal plant shutdown.

In December, staff completed 1,110 feet of pipeline replacement of the Plymouth Street area cluster project on 97th Avenue in Oakland. Approximately 13,000 feet of pipe will be replaced with 6- and 8-inch PVC and MLPCS (mortar lined plastic coated steel) pipe. The Plymouth Street area cluster project is scheduled to be completed by February 2019 with final paving to follow.

In December, staff began pipeline replacement work in the Daryl Drive area of Orinda. The project will replace approximately 2,100 feet of 6-inch cast iron pipe with 8-inch iPVC. This project is expected to be completed by March 2019.

On December 3, staff seeded nine buckeyes and planted forty willow cane trees on the bank of USL Reservoir. This effort is a part of mitigation for the USL Outlet Tower Seismic Upgrade Project.

On December 11, the District submitted a report on the Spillway Condition Assessment of Camanche Dam to the California Division of Safety of Dams (DSOD). The report documented conditions observed during the FERC Part 12D inspections in 2017-2018, and outlined the District's schedule for performing additional studies. The first study will be the Pardee Foothill Fault system study, which will begin in early 2019. Staff will complete comprehensive evaluations of the spillways at Briones, Chabot, San Pablo, and Upper San Leandro Dams, and will submit findings to DSOD in early 2019.

On December 17, staff met with representatives from the City of Orinda (City) to discuss the Orinda Water Treatment Plant Disinfection Improvements Project (Project). The Project will construct a multi-barrier Ultraviolet Disinfection-Chlorine Contact Basin (UV-CCB) system that will move most of the required disinfection post filtration, reducing contact with natural organic matter and resulting in a net reduction of disinfection byproducts, including trihalomethanes (THMs). Staff provided an overview of the Project and presented the Project elements to City staff. Staff provided a response to the City's concerns including potential neighborhood traffic and noise during construction, construction staging, timing coordination with other projects within Orinda, public outreach, and the new UV-CCB facility details. Staff will begin the preparation of a Supplemental EIR in early 2019 and will schedule future public meetings with the community, coordinating public outreach efforts with the City.

Staff completed design of the Main Wastewater Treatment Plant Solid/Liquid Waste Receiving Station (S/LWRS) Tanks 4 and 5 and Miscellaneous Improvements Project under SD-408. This \$1.2 million project includes critical concrete rehabilitation for S/LWRS Tanks 4 and 5, mechanical and electrical modifications to improve reliability of the related pumping equipment, and miscellaneous site drainage improvements. Construction is scheduled to start in spring 2019.

The District successfully completed the Alameda Siphons Cleaning Project 2018 using specialty hydrojet and sonar services. Three siphons, of 30-, 36-, and 48-inch diameter, convey

wastewater approximately 1,000 feet from Alameda to Oakland across the Oakland Estuary. A routine inspection in May 2018 revealed excessive debris in the siphons. The project was fast-tracked to complete a thorough cleaning before the upcoming wet weather season. The work also required cleaning the 84-inch interceptor that connects the siphons to the 105-inch South Interceptor. Inspections were conducted before and after the cleaning to ensure complete debris removal; in total, approximately 100 cubic yards were removed.

Main Breaks in December totaled 68. The attached table lists the main breaks that were repaired by staff in December, sorted by city and street. The associated map shows the location of the breaks.

CUSTOMER AND COMMUNITY SERVICES

In December, staff conducted environmental education field trips at Navy Flat on the Lake Chabot watershed in Castro Valley. On December 4, ten 2nd, 4th, and 5th graders from Latham Academy in Alameda planted native grasses, oaks and buckeyes. On December 6, thirty 4th graders from Montclair Elementary in Oakland planted buckeye and oak seeds and removed weeds around the creek.

On December 15, the District hosted the 8th annual Jingle Bell Dash Run at San Pablo Reservoir. Approximately 250 people attended.

Media. Staff responded to media inquiries on salmon returns resulting from a November press event at the Camanche Fish Hatchery, a main break in Piedmont, reservoir and rainfall levels, and lead detection.

Social Media:

Social Platform	Popular Topic	Impression Generation	# Followers	Increase Over Last Month
Twitter	Careers at the District	3,648	2,483	36
Facebook	Salmon returns	300	826	13
LinkedIn	Careers at the District	960	4,277	37
Nextdoor	Billing notifications related to air quality	Provided to residents in Lafayette and Walnut Creek		

Staff conducted public outreach to neighbors and interested parties on the following projects:

- Advanced Metering Infrastructure at Roundhill Reservoir, Crest Reservoir and Las Aromas Reservoir (Alamo/Orinda)
- MacArthur Davenport Project (Oakland)
- Oakland Avenue & Santa Rosa Avenue Pipeline Replacement Project (Oakland/Piedmont)

- Summit Reservoir Replacement Project (Berkeley)
- Water-Energy Advanced Metering Infrastructure Project, Nicholl Knob (Richmond)
- Westside Pumping Plant Replacement Project (Orinda)

Customer Assistance Program (CAP) Update. The attached two tables list monthly statistics on CAP enrollment, delinquencies, payment plans, shut-offs, and service restoral for disconnect for non-payment.

Contract Equity

Staff participated in the following business community events:

- December 4 - Construction Resource Center, Mix and Match, Richmond – 50 attended
- December 7 - American Indian Chamber of Commerce, Advisory Council Planning Retreat, Santa Rosa – 15 attended
- December 13 - Oakland Latino Chamber, 1st Annual Noche de Fiesta – 50 attended
- December 14 - Western Regional Minority Supplier Development Council, Annual Meeting and Holiday Legacy Event, Santa Clara – 140 attended
- December 21 - Oakland Latino Chamber of Commerce, Board Meeting – 10 attended

Water Conservation

On December 3, staff participated in the Association of California Water Agencies Fall Conference in San Diego, CA. Staff participated on a panel titled *“Making Water Use Data and Technology a California Way of Life.”* The panel discussion included lessons learned in applying technology and data analytics to water management, regulations and climate change and how they may be valuable for water agencies and for the State in the context of the new legislative mandates. The presentation covered a summary of technology and modern data resources by the District to improve long-term water use efficiency. Approximately 70 people attended.

On December 4 and 5, staff presented at the Irrigation Association Show and Educational Conference in Long Beach, CA. The presentation topics included the new State Model Water Efficient Landscape Ordinance for commercial irrigation budgets and how to compare actual water consumption to the budgeted amount of water for each commercial irrigation meter. Approximately 40 people attended.

On December 6, staff presented at the annual Contra Costa Community College Sustainability Committee Climate Action Summit in San Pablo. Staff provided an overview of EBMUD’s current water supply and everyday water savings tips that can be applied both at school and home. Approximately 15 people attended.

On December 6, staff participated on a panel titled *“Managing the Many Facets of California Water”* in Sacramento. Approximately 10 people attended.

On December 11, staff presented to a Chinese water utility delegation at the University of California, Berkeley. The presentation covered an overview of EBMUD, California water systems, conservation efforts, and recent changes in State laws regarding the methods on how to achieve future conservation water savings, and how the updated laws affect customers and water utilities. Approximately 20 people attended.

WORKFORCE PLANNING AND DEVELOPMENT

On December 7, staff attended the local WaterReuse chapter workshop. The workshop provided staff the opportunity to learn more about water recycling projects outside of California and the lessons learned that may be applicable to projects in California.

Staff participated in events/activities that support the District’s long-term efforts to develop a diverse pipeline of candidates for our future workforce needs and develop collaborative relationships with local partner organizations as follows:

- **December 6 - staff participated in the Castro Valley High School Engineering, Graphic Design, and Information & Communication Technologies (ICT) Career Exploration Day.** Staff provided information on District jobs in engineering, graphic design, trades, and more. With 51% of their student population being female and 72.1% falling into a minority ethnicity classification, staff was able to speak to a diverse pool of potential candidates. Approximately 200 people attended.

Tuition Reimbursement

	December 2018	FY19 Total
# of Employees	18	109
# of Classes	23	134
Total Reimbursed	\$15,661	\$108,541

Employment Information

	December 2018	FY19 Total
Retirements – Regular	3	42
Retirements – Vested	1	4
Hires/Rehires	20	110
Other Separations	0	26

FINANCIAL STABILITY

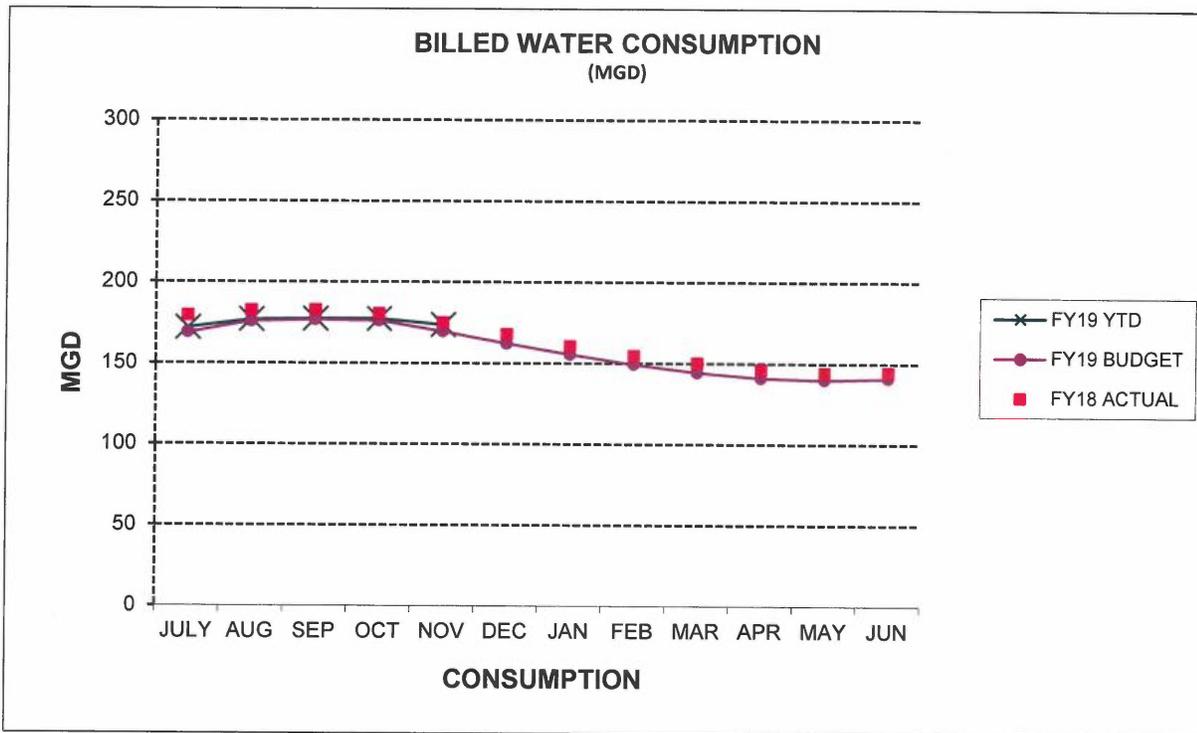
There were no material, supply or construction contracts from \$80,001 to \$100,000 approved by the General Manager in December 2018.

The estimated net Mokelumne power revenue for December was \$601,545. The District sold renewable power and related Renewable Energy Credits (REC) to MCE. Sales of RECs generated \$72,865. Resource Adequacy capacity revenue from Shell North America totaled \$10,648. Net Mokelumne power revenue through December is estimated at \$2,445,537 which is 66.1 percent of the FY19 budgeted \$3,700,000. The FY19 total revenue forecast is \$6.5 million.

Water Sales (Consumption)

The following consumption information is the average water consumption in million gallons per day (MGD) for the first five months of FY19. While the budgeted FY19 average daily water consumption is 141 MGD, consumption is projected to be higher in the summer months due to outdoor watering. The table below shows the average billed water consumption information by customer class with a comparison to FY18 data for the same period. FY19 water consumption to date has been slightly lower than FY18 as a result of cooler summer temperatures compared to last year.

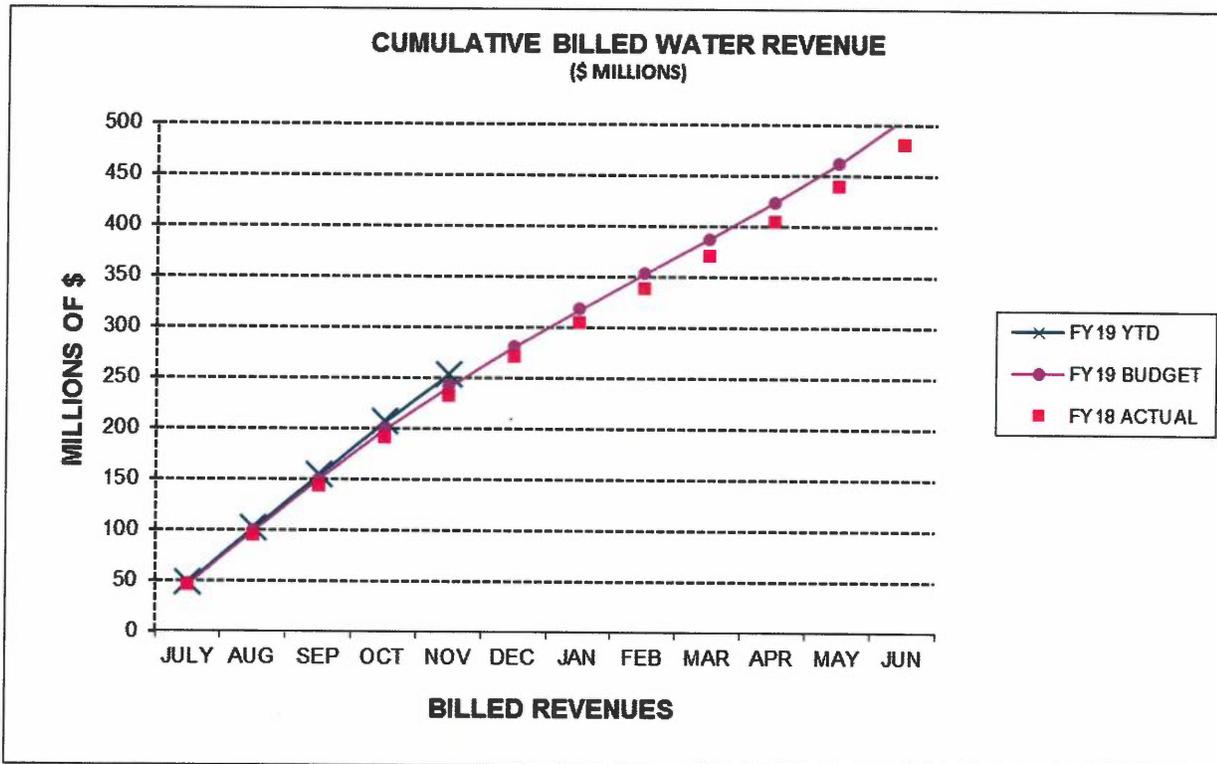
Fiscal Year-to-Date Billed Water Consumption			
Usage Type	FY19 (MGD)	FY18 (MGD)	Year-over-Year (% change)
Residential	90.3	90.7	-0.4%
Commercial	58.1	59.2	-1.9%
Industrial	16.9	16.1	5.0%
Public Authority	8.3	8.8	-5.7%
Total Billed Water Consumption	173.6	174.8	-0.7%



Source: Customer Information System

Water Sales (Revenue)

Water revenues billed through November were \$253.3 million or approximately 9.0% greater than the FY18 November revenue of \$232.4 million. This increase reflects the 9.0% FY19 rate increase. Total FY19 water revenues through November are \$11.6 million, or 4.8%, greater than the budgeted water revenue of \$241.7 million.

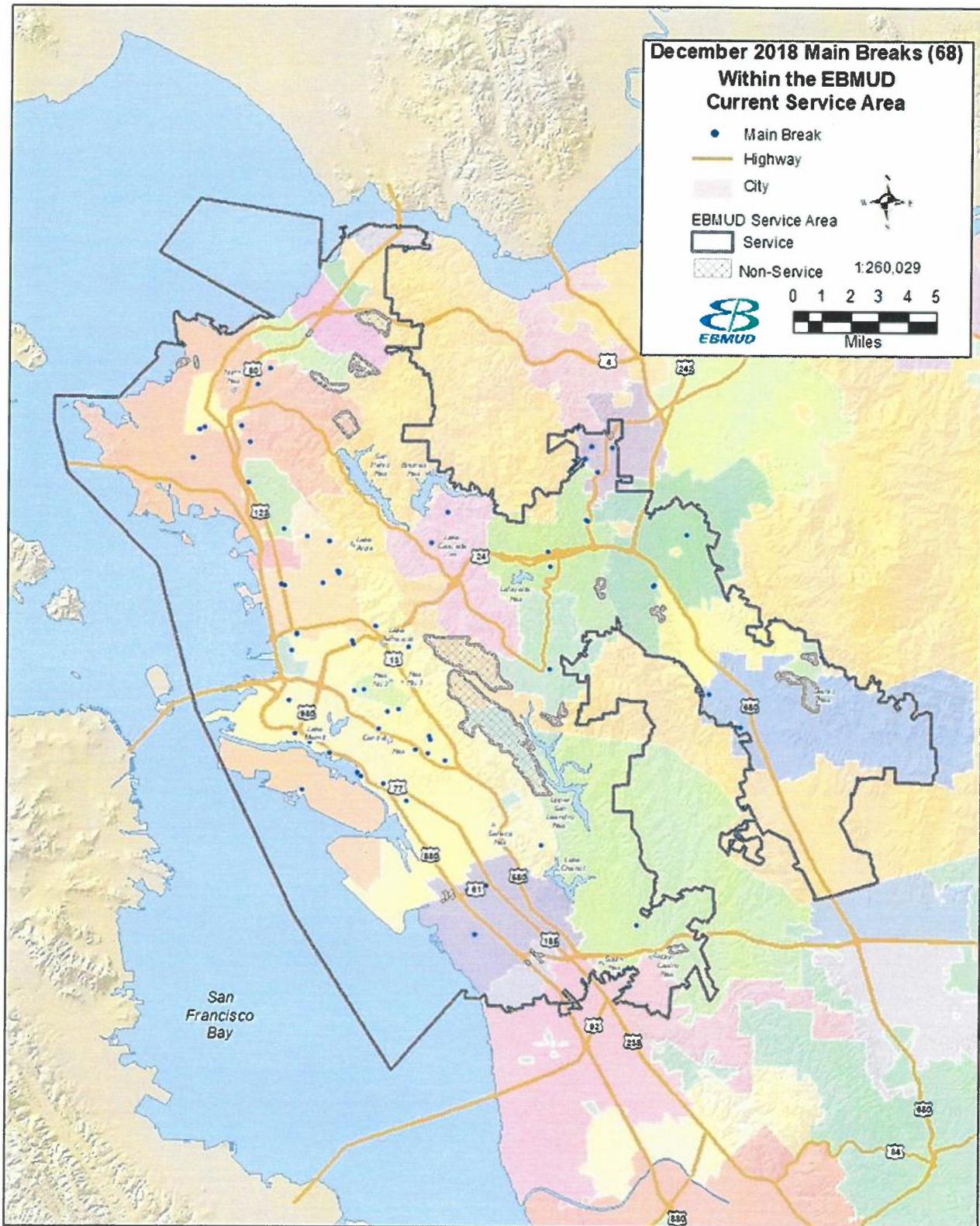


Source: Customer Information System

DECEMBER 2018 MAIN BREAKS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
ALAMEDA		CENTRAL	AVE	ASBESTOS CEMENT	12.00	1971	9,000	12/21/2018	12/21/2018	Yes
BERKELEY		67TH	ST	CAST IRON	6.00	1927	0	12/12/2018	12/12/2018	Yes
BERKELEY		67TH	ST	CAST IRON	6.00	1927	2,700	12/16/2018	12/17/2018	Yes
BERKELEY		BUENA VISTA	WAY	CAST IRON	6.00	1928	9,000	12/10/2018	12/10/2018	Yes
BERKELEY		BUENA VISTA	WAY	CAST IRON	6.00	1928	9,000	12/10/2018	12/11/2018	Yes
BERKELEY		HILLDALE	AVE	CAST IRON	6.00	1927	4,500	12/10/2018	12/10/2018	Yes
BERKELEY		HILLDALE	AVE	CAST IRON	6.00	1927	9,000	12/11/2018	12/11/2018	Yes
BERKELEY		LA LOMA	AVE	CAST IRON	6.00	1931	2,700	12/11/2018	12/11/2018	Yes
BERKELEY		SAN ANTONIO	AVE	CAST IRON	6.00	1940	1,350	12/9/2018	12/10/2018	Yes
BERKELEY		SAN PABLO	AVE	CAST IRON	12.00	1936	3,600	12/7/2018	12/7/2018	Yes
BERKELEY		STANNAGE	AVE	CAST IRON	4.00	1937	8,640	12/17/2018	12/19/2018	Yes
BERKELEY		WALNUT	ST	ASBESTOS CEMENT	8.00	1978	0	12/20/2018	12/20/2018	Yes
BERKELEY		WEST VIEW	DR	CAST IRON	6.00	1961	2,880	12/3/2018	12/4/2018	Yes
CASTRO VALLEY		KATHLEEN	AVE	CAST IRON	4.00	1948	1,350	12/4/2018	12/4/2018	Yes
DANVILLE		CLIFFSIDE	DR	STEEL	12.00	1984	28,800	12/3/2018	12/7/2018	Yes
DANVILLE		CLIPPER HILL	RD	STEEL	12.00	1973	0	11/18/2018	12/6/2018	Yes
EL CERRITO		ASHBURY	AVE	CAST IRON	6.00	1939	9,000	12/9/2018	12/10/2018	Yes
EL CERRITO		KEY	BL	STEEL	6.00	1935	900	12/6/2018	12/6/2018	Yes
EL SOBRANTE		JASMINE	CT	CAST IRON	4.00	1949	900	12/3/2018	12/3/2018	Yes
EL SOBRANTE		JASMINE	CT	CAST IRON	4.00	1949	7,200	12/4/2018	12/4/2018	Yes
EMERYVILLE		59TH	ST	CAST IRON	10.00	1923	45,000	12/29/2018	12/29/2018	Yes
LAFAYETTE		DEWING	AVE	CAST IRON	6.00	1932	8,640	12/14/2018	12/19/2018	Yes
LAFAYETTE		FAIRHOLM	CT	CAST IRON	4.00	1950	0	11/27/2018	12/5/2018	Yes
LAFAYETTE		RELIEZ VALLEY	RD	STEEL	12.00	1994	0	11/28/2018	12/5/2018	Yes
LAFAYETTE		RELIEZ VALLEY	RD	CAST IRON	6.00	1941	2,250	12/2/2018	12/2/2018	Yes
LAFAYETTE		RELIEZ VALLEY	RD	CAST IRON	6.00	1941	0	12/10/2018	12/18/2018	Yes
LAFAYETTE		TERRA TERESA		ASBESTOS CEMENT	6.00	1983	5,400	12/22/2018	12/22/2018	Yes
LAFAYETTE	N	THOMPSON	RD	ASBESTOS CEMENT	8.00	1968	20,160	12/6/2018	12/12/2018	Yes

DECEMBER 2018 MAIN BREAKS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
MORAGA		SANDRINGHAM DR N		ASBESTOS CEMENT	6.00	1975	34,560	12/12/2018	12/17/2018	Yes
OAKLAND		33RD	AVE	WROUGHT IRON	2.00	1916	630	12/14/2018	12/14/2018	Yes
OAKLAND		50TH	AVE	CAST IRON	6.00	1928	20,160	12/25/2018	12/26/2018	Yes
OAKLAND		3RD	ST	CAST IRON	6.00	1927	10,800	12/19/2018	12/19/2018	Yes
OAKLAND		DENNISON	ST	CAST IRON	8.00	1950	2,250	12/14/2018	12/15/2018	Yes
OAKLAND		EMBARCADERO		CAST IRON	8.00	1925	6,750	12/5/2018	12/6/2018	Yes
OAKLAND		EMBARCADERO		STEEL	12.00	1952	4,500	12/27/2018	12/28/2018	Yes
OAKLAND		EXCELSIOR	AVE	CAST IRON	8.00	1940	122,400	12/12/2018	12/28/2018	No
OAKLAND		KEITH	AVE	CAST IRON	6.00	1941	12,960	12/11/2018	12/13/2018	Yes
OAKLAND		LIVINGSTON	ST	CAST IRON	6.00	1925	4,500	12/21/2018	12/21/2018	Yes
OAKLAND		MACARTHUR	BL	CAST IRON	4.00	1931	18,720	12/14/2018	12/26/2018	Yes
OAKLAND		MOUNTAIN	BL	CAST IRON	6.00	1926	77,760	11/20/2018	12/7/2018	No
OAKLAND		NORTON	AVE	CAST IRON	4.00	1946	1,800	12/11/2018	12/12/2018	Yes
OAKLAND		PINEHAVEN	RD	STEEL	8.00	1922	5,760	12/28/2018	12/31/2018	Yes
OAKLAND		POPLAR	ST	ASBESTOS CEMENT	6.00	1943	7,200	12/20/2018	12/20/2018	Yes
OAKLAND		PRESLEY	AVE	CAST IRON	6.00	1941	7,200	12/3/2018	12/7/2018	Yes
OAKLAND		STEELE	ST	CAST IRON	6.00	1940	900	12/6/2018	12/7/2018	Yes
OAKLAND		SUNNYHILLS	RD	CAST IRON	6.00	1928	1,350	12/11/2018	12/11/2018	Yes
OAKLAND		SUTER	ST	CAST IRON	4.00	1935	720	12/17/2018	12/17/2018	Yes
OAKLAND		TURNER	AVE	CAST IRON	4.00	1948	2,250	12/22/2018	12/23/2018	Yes
OAKLAND		WEBSTER	ST	CAST IRON	8.00	1961	13,500	12/7/2018	12/8/2018	Yes
OAKLAND		WISCONSIN	ST	CAST IRON	6.00	1925	12,600	12/24/2018	12/25/2018	Yes
ORINDA		CRANE	CT	CAST IRON	4.00	1946	1,350	12/28/2018	12/28/2018	Yes
ORINDA		DEL MAR	CT	CAST IRON	6.00	1946	1,440	12/13/2018	12/13/2018	Yes
PIEDMONT		NOVA	DR	CAST IRON	4.00	1914	1,350	12/6/2018	12/6/2018	Yes
PIEDMONT		SUNNYSIDE	AVE	CAST IRON	12.00	1933	18,000	12/2/2018	12/3/2018	Yes
PIEDMONT		TRESTLE GLEN	RD	CAST IRON	6.00	1927	56,160	12/6/2018	12/18/2018	No
PLEASANT HILL		STRAND	AVE	CAST IRON	6.00	1946	6,750	12/10/2018	12/11/2018	Yes
RICHMOND	N	ARLINGTON	BL	CAST IRON	6.00	1953	0	11/9/2018	12/4/2018	Yes

DECEMBER 2018 MAIN BREAKS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
RICHMOND		BARRETT	AVE	CAST IRON	6.00	1935	21,600	12/26/2018	12/28/2018	Yes
RICHMOND		EL CENTRO	RD	CAST IRON	4.00	1940	1,800	12/30/2018	12/30/2018	Yes
RICHMOND		EMERIC	AVE	ASBESTOS CEMENT	6.00	1960	0	12/12/2018	12/13/2018	Yes
RICHMOND		PLYMOUTH	AVE	ASBESTOS CEMENT	6.00	1956	9,000	12/19/2018	12/19/2018	Yes
SAN LEANDRO		DAVIS	ST	CAST IRON	8.00	1931	5,400	12/26/2018	12/26/2018	Yes
SAN LEANDRO		DOUGLAS	DR	CAST IRON	6.00	1942	25,920	12/8/2018	12/13/2018	Yes
SAN LEANDRO		WICKS	BL	STEEL	12.00	1965	2,700	12/30/2018	12/31/2018	Yes
SAN PABLO		ALFREDA	BL	CAST IRON	6.00	1937	1,800	12/27/2018	12/27/2018	Yes
WALNUT CREEK		LA VISTA	RD	ASBESTOS CEMENT	6.00	1955	90	12/14/2018	12/14/2018	Yes
WALNUT CREEK		MEADOW	LN	STEEL	6.00	1965	0	11/29/2018	12/3/2018	Yes
WALNUT CREEK		MEADOW	RD	STEEL	8.00	1965	0	12/17/2018	12/17/2018	Yes
TOTAL							714,600			



Customer Account Delinquency Information December 2018

(Data collection began September 1, 2017)

CUSTOMER ASSIST. PROGRAM (CAP) ENROLLMENT	September	October²	November⁴	December⁵	Totals
New CAP Participants	137	158	83	79	2,435
CAP Renewals	116	129	67	76	2,181
CAP Departures	137	125	133	137	1,925
Total Active CAP Participants w/Active Accounts	6,714	6,753	6,779	6,805	
PAYMENT PLANS	September	October	November	December	Totals
Approved Payment Plans	4,219	5,060	4,768	5,161	81,356
Payment Plans Established After Service Interruptions	44	29	14	53	868
SERVICE INTERRUPTIONS - RESIDENTIAL	September	October	November	December	Totals
15-day Final Collection Notices	13,313	18,265	15,104	17,438	253,460
48-hr Service Interruptions Notices	6,860	9,391	8,098	8,318	130,555
Service Interruption Orders Created	2,432	3,098	2,726	2,245	42,233
Service Interruptions Completed (Actual)	732	881	445	859	12,126
CAP Enrolled Service Interruptions	26	31	17	28	488
WATER THEFT	September	October	November	December	Totals
No. of Incidents	11	15	10	8	160
No. of 2nd or 3rd Occurrences	-	-	-	2	9
No. Water Theft Penalties Issued	5	4	9	8	110
No. of Appeals Received	-	-	-	-	6
No. of 1st Appeals Approved	-	-	-	-	3
No. of 1st Appeals Denied	-	-	-	-	5
Multi-Family Liens¹	September	October	November	December	Totals
Liens Filed	-	155	12	121	2,069
Released	156	52	8	35	832
Transferred to Alameda Cty.	-	-	-	-	1,356
Transferred to Contra Costa Cty.	156	-	-	-	303
Total/Month	312	207	20	156	4,560

¹ Liens filed monthly represents delinquent accounts 4-6 months in arrears.

BAD DEBT - WRITE OFFS	September	October	November	December	Totals
Total Referred to Collection Agency	\$113,621	\$217,856	\$163,193	TBD ³	\$ 2,404,615
Write-Off % to Billed Revenue	0.19%	0.36%	0.30%	TBD ³	

² CAP Approvals (new and renewal) information up to October 24, 2018

³ Information not available until the 20th of the month and will lag one month

⁴ CAP Approvals (new and renewal) information up to 11/19/2018

⁵ CAP Approvals (new and renewal) information up to 12/14/2018

Water Theft Type/City	Alameda	Albany	Berkeley	Danville	Hayward	Oakland	Pinole	Richmond	Rodeo	San Leandro	San Pablo	San Ramon	Total as of 9/1/2017
Meter	1	1	4	1	3	115	2	26	2	2	1	1	159
Illegal Connection	-	-	-	-	-	1	-	-	-	-	-	-	1
Hydrant	-	-	-	-	-	-	-	-	-	-	-	-	0
Total	1	1	4	1	3	116	2	26	2	2	1	1	160

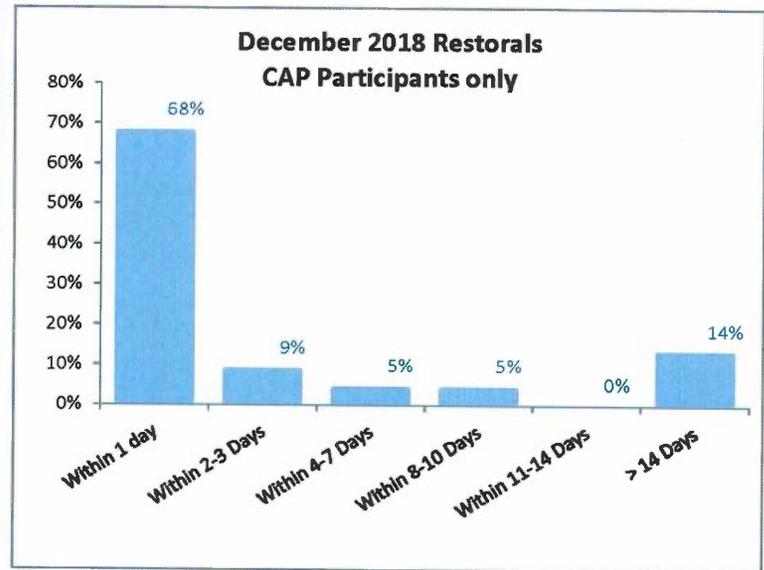
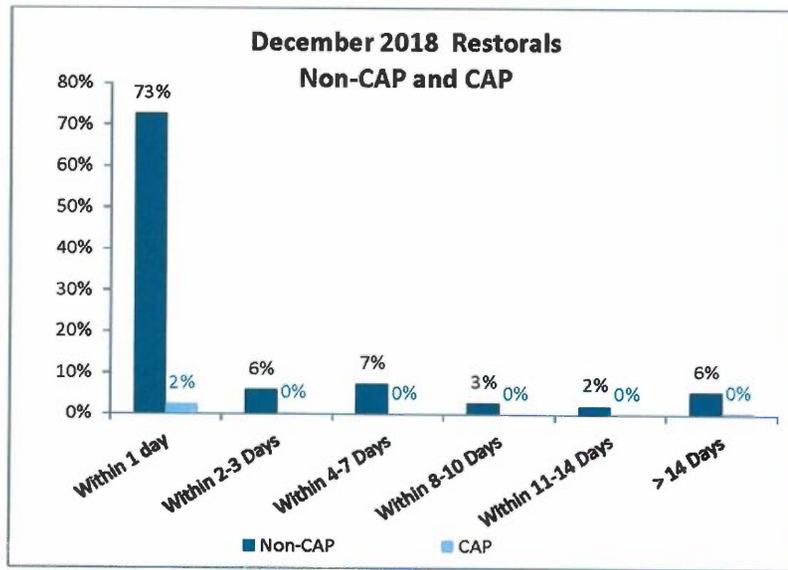
Restoral for Service Interruptions for Non-Payment

December 2018

(Data collection began July 1, 2018)

	October			November			December		
	Total	Non-CAP	CAP	Total	Non-CAP	CAP	Total	Non-CAP	CAP
Within 1 day/Self-Restore	461	445	16	261	246	15	458	443	15
Within 2-3 Days	28	27	1	22	22	0	38	36	2
Within 4-7 Days	54	52	2	12	11	1	46	45	1
Within 8-10 Days	14	14	0	4	4	0	18	17	1
Within 11-14 Days	13	12	1	5	5	0	13	13	0
> 14 Days	37	35	2	25	24	1	37	34	3
Totals	607	585	22	329	312	17	610	588	22

Note: Number of December Service Interruptions (CAP Service Interruptions): 859 (28)



EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 3, 2019

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ANC*

FROM: Rischa S. Cole, Secretary of the District *RC*

SUBJECT: Planning Committee Minutes – December 11, 2018

Chair Frank Mellon called to order the Planning Committee at 9:45 a.m. in the Training Resource Center. Directors Doug Linney and Marguerite Young were present at roll call. Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer, Director of Engineering and Construction Xavier J. Irias, Manager of Customer and Community Services Andrew L. Lee, Associate Civil Engineer Chien Wang, Associate Civil Engineer Oscar A. Herrera, Special Assistant to the General Manager Douglas I. Wallace, and Secretary of the District Rischa S. Cole.

Public Comment. None.

Westside Pumping Plant Replacement Project Update. Associate Civil Engineer Chien Wang presented an overview of the project which is located at two District-owned sites in Orinda. The project will demolish the existing Encinal and Westside Pumping Plants and construct a new 0.6 million-gallons-per-day (mgd) Westside Pumping Plant; and demolish the existing Encinal Reservoir and replace it with a newly constructed Encinal Regulator inside the new Westside Pumping Plant. In addition, approximately 6,900 feet of pipeline will be installed. Consistent with District Policy 3.03, Community Fire Flow Improvement Program, the new pipelines will be sized to meet current fire flow standards, resulting in improved fire flows at hydrants within the project area. Ms. Wang reviewed the project site plan and discussed anticipated construction challenges due to the project scope and location. She noted that staff has met with City and Moraga-Orinda Fire District staff to discuss the project elements and schedule and will continue reaching out to the community and stakeholders before and during construction using various communication methods. Project design and construction will be completed in phases, because the pipeline needs to be installed prior to the construction of the facilities. Pipeline design will be completed by fall 2019 followed by construction. Facilities design and construction will begin in 2020 and 2021, respectively. Ms. Wang responded to Committee questions regarding adequate construction signage on El Toyonal in Orinda and outreach to the Orinda City Council.

Leland Reservoir Replacement Project Update and Final Environmental Impact Report (EIR). Associate Civil Engineer Oscar A. Herrera reviewed the project which will replace the existing 18 million gallon (MG), open-cut reservoir with two new 8 MG pre-stressed concrete tanks in the existing open-cut basin and the existing 36-inch transmission pipeline that traverses under the existing reservoir with a new pipeline in city streets. A new 30-inch storm drain pipeline will also be installed on site and connect to the City of Lafayette's existing storm drain system. He explained that the reservoir is critical in serving the Leland Pressure Zone which serves portions of

Lafayette, Pleasant Hill and Walnut Creek and needs to be replaced because it has reached the end of its useful service life. Mr. Herrera discussed the proposed site plan, the renderings for the new fencing and trees that will be planted for screening purposes, and the public outreach and scoping meetings with neighbors and Lafayette City Council. The project's Draft EIR was circulated for public comment from January 25 through March 12, 2018. The Draft EIR analysis concluded that there are potential impacts from construction noise that will require the District to approve a Statement of Overriding Considerations and determine that the remaining potential impacts are either less than significant or would be less than significant with mitigations. The Final EIR, which was made available on November 29, responded to comments received during the Draft EIR comment period and a February 8, 2018 community meeting. The Board will be asked to certify the Final EIR and approve the project at its meeting in the afternoon. If approved, the project will begin in 2022 and 2024. Mr. Herrera responded to Committee questions about soils stockpiling during construction and alternative lodging options for residents potentially impacted by noise from night construction work. It was moved by Director Young, seconded by Director Linney, and unanimously carried (3-0) to forward the staff recommendation to the full Board.

Main Wastewater Treatment Plant (MWWTP) Yerba Buena Access Road Acquisition – Initiation of Eminent Domain Proceedings. Manager of Customer and Community Services Andrew L. Lee outlined the District's need to acquire fee property rights through the eminent domain process for the section of the Yerba Buena Access Road that starts east of the railroad bridge to the Mandela Parkway Gate. Increased traffic near the MWWTP's main gates located at Wake Avenue and Engineers Road is significantly impacting vehicle access to the MWWTP. The District relies on the access road to provide secondary and emergency vehicle access to the MWWTP when the main gates are blocked. The District currently has no formal property rights to use the access road and is operating under a 1961 letter from the City of Oakland. Without formal property rights, the District is at risk of losing a vital access point to the MWWTP and cannot make improvements and repairs to ensure the road and gate remain in usable condition. Mr. Lee explained that the District has attempted to work with the property owner to acquire the fee property rights and has made an offer to purchase the property rights with no success. Therefore, the eminent domain process is the District's only alternative to acquire the fee property rights. The District will conduct a public hearing at the Board meeting this afternoon where the property owner will have an opportunity to address the Board regarding the necessity findings for the condemnation. Staff will ask the Board to adopt a Resolution of Necessity for eminent domain proceedings to acquire the fee property rights and authorize the General Counsel to file eminent domain actions in Alameda County Superior Court. The District sent the property owner notice of the public hearing and Board meeting by Federal Express on November 21, 2018. The Committee raised no questions. It was moved by Director Linney, seconded by Director Young, and unanimously carried (3-0) to forward the staff recommendation to the full Board.

Adjournment. Chair Mellon adjourned the meeting at 10:23 a.m.

ARC/RSC

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: January 3, 2019

MEMO TO: Board of Directors

THROUGH: Alexander R. Coate, General Manager *ARC*

FROM: Rischa S. Cole, Secretary of the District *RC*

SUBJECT: Legislative/Human Resources Committee Minutes – December 11, 2018

Chair John A. Coleman called to order the Legislative/Human Resources Committee at 10:30 a.m. in the Training Resource Center. Directors William B. Patterson and Marguerite Young were present at roll call. Staff present included General Manager Alexander R. Coate, General Counsel Craig S. Spencer, Manager of Legislative Affairs Marlaigne K. Dumaine, Assistant to the General Manager Douglas I. Wallace, and Secretary of the District Rischa S. Cole.

Public Comment. None.

Legislative Update. Manager of Legislative Affairs Marlaigne K. Dumaine reviewed Legislative Report No. 09-18 and reported that staff is recommending a support position for S. 3564 (Cardin) - Low-Income Water Customer Assistance Programs Act of 2018. The Committee asked Ms. Dumaine to provide information on the bill to the Upper Mokelumne River Watershed Authority for discussion at its January 2019 meeting. It was moved by Director Young, seconded by Director Patterson, and unanimously carried (3-0) to forward the staff recommendation to the full Board.

State Legislative Initiatives for 2019 Legislative Year. Ms. Dumaine provided an overview of the staff recommendations on four state legislative initiatives for 2019: 1) Advance EBMUD's interests in the context of utility wildfire mitigation plans including the de-energization of electric lines; 2) Advance EBMUD's interests in legislative efforts to address forest health; 3) Seek constructive ways to advance EBMUD's interests as the legislature continues to consider providing access to safe drinking water for disadvantaged communities; and 4) Seek constructive ways to advance EBMUD's interests as the administration and the legislature consider ways to provide assistance to low-income water customers. Ms. Dumaine and staff responded to questions regarding PG&E's current process for de-energization notifications, the District's engagement in Senate Bill 901 (Dodd) proceedings, and work with PG&E, the California Public Utilities Commission and other stakeholders to develop wildfire mitigation plans. The Committee recommended ways to inform the public about the District's de-energization discussions with Pacific Gas & Electric's (PG&E) and asked staff to be vigilant for potential legislation on climate adaptation, occupational safety and health training related to climate change, and waste diversion from landfills. Addressing the Committee was Eric Larsen, 1st Vice President, AFSCME Local 444, who commented on potential impacts to staff responding to emergencies after PG&E de-energizes electric lines that power District facilities. It was moved by Director Patterson, seconded by Director Young, and unanimously carried (3-0) to forward the initiatives to the full Board.

Adjournment. Chair Coleman adjourned the meeting at 11:03 a.m.

ARC/RSC

