



EAST BAY DISCHARGERS AUTHORITY
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A Joint Powers Public Agency

ITEM NO. 13

OPERATIONS & MAINTENANCE COMMITTEE AGENDA

Monday, June 16, 2025

4:00 PM

**East Bay Dischargers Authority
2651 Grant Avenue, San Lorenzo, CA**

Committee Members: Young (Chair); Azevedo

OM1. Call to Order

OM2. Roll Call

OM3. Public Forum

OM4. EBDA Permit Compliance

(The Committee will be updated on EBDA's NPDES compliance.)

OM5. Status Report

(The Committee will be updated on EBDA's O&M activities.)

OM6. Motion to Approve the Renewal and Replacement Fund Project List for Fiscal Year 2025/2026

(The Committee will consider the motion.)

OM7. Motion Authorizing the General Manager to Issue a Purchase Order to Univar Solutions USA LLC. for Sodium Bisulfite 25% Solution for Fiscal Year 2025/2026 in the Amount of \$50,000

(The Committee will consider the motion.)

OM8. Motion Authorizing the General Manager to Execute On-Call Professional Services Agreements with AECOM Technical Services, Inc.; Arup US, Inc.; Ascent Environmental, Inc.; Beecher Engineering, Inc.; Brown and Caldwell; Carollo Engineers, Inc.; Currie Engineers; DCM Consulting, Inc.; EOA, Inc.; JDH Corrosion Consultants, Inc.; West Yost; and Woodard and Curran, Inc.; Each for a Not to Exceed Amount of \$100,000

(The Committee will consider the motion.)

OM9. Adjournment

Agenda Explanation
East Bay Dischargers Authority
O&M Agenda
June 16, 2025

Any member of the public may address the Commission at the commencement of the meeting on any matter within the jurisdiction of the Commission. This should not relate to any item on the agenda. It is the policy of the Authority that each person addressing the Commission limit their presentation to three minutes. Non-English speakers using a translator will have a time limit of six minutes. Any member of the public desiring to provide comments to the Commission on an agenda item should do so at the time the item is considered. It is the policy of the Authority that oral comments be limited to three minutes per individual or ten minutes for an organization. Speaker's cards will be available in the Boardroom and are to be completed prior to speaking.

In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in an Authority meeting, or you need a copy of the agenda, or the agenda packet, in an appropriate alternative format, contact Juanita Villasenor at juanita@ebda.org or (510) 278-5910. Notification of at least 48 hours prior to the meeting or time when services are needed will assist the Authority staff in assuring that reasonable arrangements can be made to provide accessibility to the meeting or service.

In compliance with SB 343, related writings of open session items are available for public inspection at East Bay Dischargers Authority, 2651 Grant Avenue, San Lorenzo, CA 94580. For your convenience, agenda items are posted on the East Bay Dischargers Authority website located at <http://www.ebda.org>.

<p>Next Scheduled Operations and Maintenance Committee is July 15, 2025 at 4:00 pm</p>

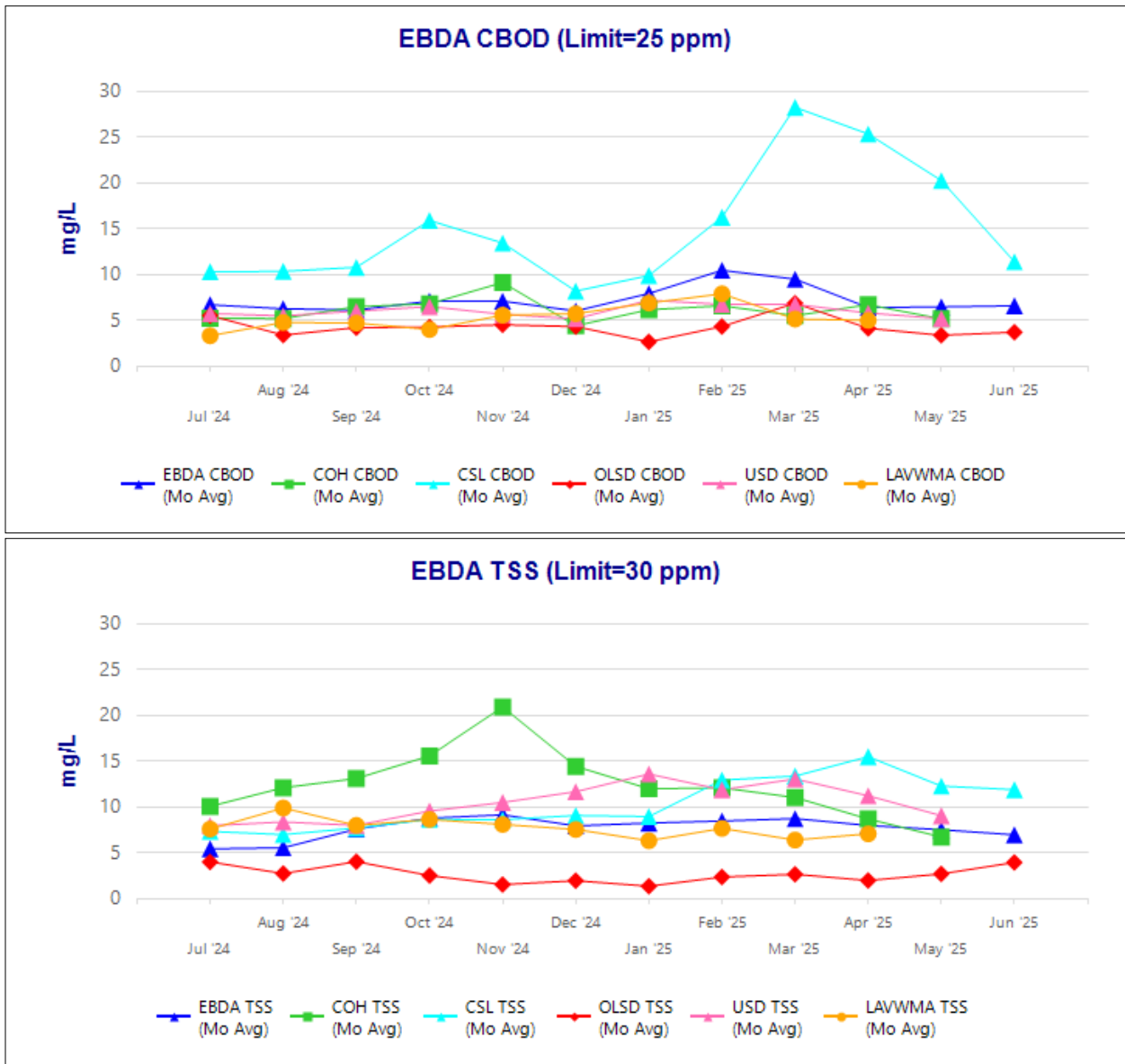
ITEM NO. OM4 EBDA PERMIT COMPLIANCE

Recommendation

For the Committee’s information only; no action is required.

Discussion

EBDA continued NPDES compliance in May, and preliminary June data indicates compliance as well. While San Leandro’s Water Pollution Control Plant met CBOD limits for April and May, CBOD results are still above normal. San Leandro staff are still investigating the cause of the plant upset and taking steps to ensure compliance. Member Agency CBOD and TSS performance are shown below. A table with bacterial indicators follows.



EBDA Bacterial Indicators

Date	FECAL	ENTERO
	MPN/ 100mL	MPN/ 100mL
Limit (90th Percentile)	1100	1100
Limit (Geomean)	500	280
June 2024 Geomean	60	9
July 2024 Geomean	59	5
August 2024 Geomean	153	21
September 2024 Geomean	109	13
October 2024 Geomean	33	4
November 2024 Geomean	24	2
December 2024 Geomean	22	5
January 2025 Geomean	25	5
February 2025 Geomean	44	10
March 2025 Geomean	20	13
4/1/2025	79	24
4/2/2025	NA	15
4/7/2025	350	< 10
4/8/2025	22	47
4/14/2025	23	34
4/15/2025	17	125
4/21/2025	13	333
4/22/2025	11	87
4/28/2025	33	104
4/29/2025	33	370
April 2025 Geomean	32	62
5/5/2025	33	109
5/6/2025	17	148
5/7/2025	NA	731
5/12/2025	7	109
5/13/2025	4	98
5/14/2025	NA	313
5/19/2025	17	187
5/20/2025	2400	89
5/26/2025	240	55
5/27/2025	49	142
May 2025 Geomean	41	148

ITEM NO. OM5 STATUS REPORT

Union Effluent Pump Station (UEPS)

No change; all equipment is operational.

Hayward Effluent Pump Station (HEPS)

Effluent Pump Replacement Project

The two new HEPS pumps have been operating for almost five months without any major issues. On May 9, DW Nicholson poured the concrete pump pad for the third new pump. Pump Repair Service and DW Nicholson will be installing the third new pump and removing the last old pump in late June or early July. The All four new pumps should be fully operational before the start of wet weather this fall.

Oro Loma Effluent Pump Station (OLEPS)

Automatic Transfer Switch Upgrade

Todd Beecher, EBDA's contract electrical engineer, has updated the OLEPS electrical system single line diagrams and completed a design memorandum for two new automatic transfer switches (ATSs) at OLEPS. Mr. Beecher presented his recommendations to the MAC at its April meeting. The two new ATSs will improve the reliability of the pump station in the event of a power outage. If PG&E power fails, the OLEPS emergency generator is the primary backup power source. Currently, if the emergency generator fails to start, operators can manually switch to the secondary source of backup power from OLSD. The installation of two new ATSs will allow the switch from primary to secondary backup to occur automatically. This ATS work is being completed as part of Phase 2 of the OLEPS Electrical Upgrades. Replacement of the breakers and refurbishment of the Main Switchboard was completed in Phase 1 of the OLEPS Electrical Upgrades.

Mr. Beecher has also recommended that EBDA purchase a portable generator that can be used as an additional source of backup power, given that the OLEPS emergency generator is beyond its useful life. The portable generator can also be used at MDF and HEPS. Cost for the portable generator has been included in the proposed Renewal and Replacement Fund List for FY 2025/2026 (see Item No. OM6).

Skywest Pump Station

Recycled Water Production

During the month of May 2025, the Skywest Recycled Water System operated for three days and produced 1.7 million gallons of recycled water.

Skywest Transfer Line

In mid-April, EBDA staff found a leak in the transfer line that sends water from the Center Pond to the East Pond at the Skywest property. The transfer pump was immediately

turned off, and the leak was reported to the City of Hayward staff. The transfer equipment, the pump and the transfer pipe, are the responsibility of the City of Hayward, and City staff repaired the line on May 1st. EBDA and City staff are continuing to collaborate on ways to extend the life of the aging system.

Marina Dechlorination Facility (MDF)

No change; all equipment is operational.

Force Main

No change; all equipment is operational.

Operations Center

No change; all equipment is operational.

Miscellaneous Items

Underground Service Alerts

EBDA received thirteen (13) Underground Service Alert (USA) tickets during the month of May 2025.

Special Projects

Cargill Brine Project

As discussed previously, Cargill has requested that EBDA consider a Project Approval Agreement between the parties that would allow Cargill to begin construction on elements of the project that do not directly affect EBDA, such as reconfiguration of intakes and pond structures at Cargill's Newark salt facility. The Agreement would be accompanied by findings and a resolution to approve the EIR, including an EIR Addendum that enhances mitigation measures for species for which the endangered species listing status changed following EIR certification. Once negotiated, the Project Approval Agreement would be superseded by the final Operating Agreement. Staff is still negotiating insurance provisions of the Project Approval Agreement with Cargill and hopes to bring the Agreement and CEQA documentation to the Commission for consideration next month.

Advanced Quantitative Precipitation Information (AQPI) Project

The regional AQPI project continues to move forward with the goal of improving the prediction of rainfall events in the Bay Area. The East Bay radar was installed at [Rocky Ridge](#) in Las Trampas Regional Wilderness Park in December 2022, and data from the site became available in December 2023. Agencies are currently developing additional tools to make the data more accessible for use in decision-making. A 2-day workshop with agencies and program managers is scheduled for June 2025.

Sonoma Water, which has acted as program manager and grant administrator for the project since its inception, is in the process of reaching out to participating agencies regarding future funding needs. This includes funding for installation of a C-band radar to complete the regional radar network, as well as long-term funding to the Center for Western Weather and Water Extremes (CW3E) at Scripps Institution of Oceanography, UC San Diego, for AQPI system operation, maintenance, and improvements. This local funding would begin in Fiscal Year 2026-2027. More information will be provided to the Commission as the specific request becomes clear.

**ITEM NO. OM6 MOTION TO APPROVE THE RENEWAL AND REPLACEMENT FUND
PROJECT LIST FOR FISCAL YEAR 2025/2026**

Recommendation

Approve the Renewal and Replacement Fund (RRF) Project List for FY 2025/2026.

Background

Each year, the Commission is asked to approve a list of capital projects to be undertaken in the upcoming fiscal year using funds from the Authority's Renewal and Replacement Fund. The project list is developed using the Authority's Asset Management Plan (AMP), with input from the Managers Advisory Committee (MAC). The draft Project List was reviewed with the Committee in May 2025.

Discussion

The Authority's proposed RRF Project List for FY 2025/2026 is presented on the following page, with project explanations on the subsequent pages. Staff is recommending that the agencies' total contribution to the RRF for FY 2025/2026 is \$750,000, consistent with the AMP 20-year projection of funding needs.

One project has been added to the list reviewed by the Committee last month – the MDF Levee Rip Rap Restoration Project for \$50,000.

RRF Projects for FY 2025/2026

<u>Facility</u>	<u>Renewal Replacement Fund Items</u>	<u>Projected Completion Date</u>	<u>Estimated Costs</u>
UEPS	Payment #6 of 10 Per JPA	July 2025	\$ 420,000
OLEPS/All	Portable Generator	June 2026	\$ 150,000
HEPS	Effluent Pump Replacement Project (additional funds for completion)	December 2025	\$ 120,000
MDF	Sewage Pump Replacement Project	December 2025	\$ 100,000
MDF	Flow Meter Upgrade	June 2026	\$ 70,000
MDF	Levee Rip Rap Restoration Project	October 2025	\$ 50,000
All	SCADA Radio Network Security & Upgrade	June 2026	\$ 50,000
All	SCADA Firewall & Internet Security	December 2025	\$ 20,000
OLEPS	Water System Upgrade	June 2026	\$ 30,000
		FY 2025/2026 Sub-Total	\$ 1,010,000
		Small Projects Fund	\$ 100,000
		FY 2025/2026 Total	\$ 1,110,000

UEPS – Payment #6 of 10 per JPA – \$420,000

The Amended and Restated Joint Powers Agreement (JPA) states that “in fiscal years from 2020/21 through 2029/30, the Authority will pay Union a total of Four Million, Two-Hundred Thousand dollars (\$4,200,000), divided in ten equal and annual installments, as a credit toward their annual budget contribution for Operation and Maintenance Costs, for all Capital Costs associated with the Union Effluent Pump Station during the Term of the Agreement.”

OLEPS/All – Portable Generator – \$150,000

EBDA’s contract electrical engineer recommended that EBDA purchase a portable generator that can be used as an additional source of backup power at OLEPS, given that the OLEPS emergency generator is beyond its useful life. The portable generator can also be used at MDF and HEPS. At the recommendation of the MAC, EBDA will explore the possibility of purchasing a gently used portable generator.

HEPS – Effluent Pump Replacement Project Completion – \$120,000

This item provides additional funds to complete replacement of the four pumps at HEPS. \$730,000 had previously been allocated. Unanticipated findings from the structural engineer required that the old pump pads be demolished and replaced with new pump pads. This additional scope ate into the savings previously identified through value engineering.

MDF – Sewage Pump Replacement Project – \$100,000

Replacement of the two sewage pumps, valves, check valves, and piping in the MDF sewage sump pit.

MDF – Flow Meter Upgrade – \$70,000

At EBDA’s request, LAVWMA completed an Air Entrainment Study of the LAVWMA export pipeline to address issues air entrainment is causing with one of the flow meters at MDF. The proposed funds will be used to explore some of the recommendations from that study, namely upgrading components or potentially replacing the flow meter.

MDF – Levee Rip Rap Restoration Project – \$50,000

DCM Consulting, Inc., EBDA’s contract geotechnical engineer, recently completed a Technical Memorandum that recommended the restoration a 60-foot by 40-foot section of the shoreline levee in front of MDF. This project will protect the MDF Meter Vault by restoring the levee following shoreline damage resulting from several large winter storms combined with King Tides.

All – SCADA Radio Network Security & Upgrade – \$50,000

Replace older SCADA communication radios with new technology, equipped with a higher level of security.

All – SCADA Firewall & Internet Security – \$20,000

Woodard & Curran, EBDA's contract cybersecurity consultant, recently completed a Security Vulnerability Re-assessment and recommended that EBDA upgrade its SCADA firewall to enhance internet security.

OLEPS – Water System Upgrade – \$30,000

Recently, using the FY 2024/2025 RRF Small Projects Fund, two of the valves and two check valves on the discharge side of the water pumps at OLEPS were replaced. This project will replace the remaining three valves and the 4-inch in-line manually self-cleaning water strainer.

Small Projects Fund (formerly Contingency Fund) – \$100,000

The purpose of the Small Projects Fund is to provide additional funding for unidentified projects and/or equipment that may need to be replaced or refurbished in FY 2025/2026. Much of the smaller ancillary equipment and components that the Authority owns are operated with the intent to 'run to failure.' This is a common practice at wastewater facilities with these types of assets, which include fans, valves, actuators, and small pumps and motors. While preventive maintenance is completed on a regular basis, forecasting an exact date of failure is not possible. The criteria for 'run to failure' are both that the equipment can be readily procured and that there is sufficient redundancy to meet system firm capacity. In some cases, staff will purchase critical items and have them on the shelf, reducing system equipment downtime.

ITEM NO. OM7 MOTION AUTHORIZING THE GENERAL MANAGER TO ISSUE A PURCHASE ORDER TO UNIVAR SOLUTIONS USA LLC. FOR SODIUM BISULFITE 25% SOLUTION FOR FISCAL YEAR 2025/2026 IN THE AMOUNT OF \$50,000

Recommendation

Approve a motion authorizing the General Manager to issue a Purchase Order (PO) to Univar Solutions USA LLC. (Univar) in the amount of \$50,000 for the purchase of Sodium Bisulfite 25% Solution for FY 2025/2026.

Strategic Plan Linkage

1. **Regulatory Compliance:** Proactively meet or exceed regulatory requirements for protection of the environment and public health.
 - b. Maintain consistent compliance with EBDA's National Pollutant Discharge Elimination System (NPDES) Permit.
2. **Operations & Maintenance:** Ensure reliable operations & maintenance of the EBDA system to protect public health and the Bay.

Background

Since 2014, EBDA has elected to work collectively with the Bay Area Chemical Consortium (BACC) to obtain a bid for Sodium Bisulfite 25% Solution (SBS). The BACC is a consortium of over fifty water and wastewater agencies in Northern California who use their common purchasing power to achieve better pricing for treatment chemicals while reducing the costs of bidding processes. BACC was created and managed by Dublin San Ramon Services District and was transitioned to the umbrella of the Bay Area Clean Water Agencies (BACWA). Each agency member of BACC is responsible for issuing its own PO with the supplier. Last year, Thatcher Company of California, Inc. was the lowest bidder. Prior to last year, Univar had been the lowest bidder for several years.

Discussion

This year, Univar was the lowest responsive and responsible bidder for SBS, with a delivered cost of \$1.445 per gallon, not including sales tax. The per gallon cost of SBS has decreased by \$0.195, or approximately 12% from FY 2024/2025.

ITEM NO. OM8 MOTION AUTHORIZING THE GENERAL MANAGER TO EXECUTE ON-CALL PROFESSIONAL SERVICES AGREEMENTS WITH AECOM TECHNICAL SERVICES, INC.; ARUP US, INC.; ASCENT ENVIRONMENTAL, INC.; BEECHER ENGINEERING, INC.; BROWN AND CALDWELL; CAROLLO ENGINEERS, INC.; CURRIE ENGINEERS; DCM CONSULTING, INC.; EOA, INC.; JDH CORROSION CONSULTANTS, INC.; WEST YOST; AND WOODARD AND CURRAN, INC.; EACH FOR A NOT TO EXCEED AMOUNT OF \$100,000

Recommendation

Approve a motion authorizing the General Manager to execute on-call professional services agreements with a roster of consultants.

Strategic Plan Linkage

2. **Operations & Maintenance:** Ensure reliable operations & maintenance of the EBDA system to protect public health and the Bay.
 - a. Implement EBDA's Asset Management Plan.
3. **Financial:** Develop financial strategies and practice sound fiscal management to ensure wise use of ratepayers' resources.
 - a. Operate EBDA's system efficiently.

Background

Because EBDA is a relatively small agency and does not frequently issue very large professional services contracts, the Authority has often received very few responses to Requests for Proposals for engineering and environmental work related to capital projects or special studies. Additionally, because the Authority has a very small staff, it is often helpful to reach out to consultants with specific expertise for relatively minor questions; however, without contracts in place, access to such consultants is limited.

To address these challenges, staff recommended, and the Commission supported, the concept of developing as-needed contracts with a roster of consultants providing professional services. In 2023, EBDA's Purchasing Policy was amended to include the following language in Section I.D.:

D. Consultant Pre-Qualification and Task Order-Based Contracts

The Authority may solicit qualifications and hourly rates and expenses from consultants for the purpose of creating a pre-qualified roster of consultants for a range of services and projects. The General Manager may then recommend to the Commission for approval a task order-based contract with each consultant deemed pre-qualified. Each task order-based contract shall have a total not-to-exceed dollar value. When a particular consulting need or project arises, if the estimated cost is \$25,000 or less, the General Manager may issue a task order to the consultant most qualified for the work from the pre-qualified roster. If the estimated cost is greater than \$25,000, the General Manager may follow the process outlined in Section I.A.2, or he or she may solicit proposals from pre-qualified firms. Following selection, the General Manager may issue a task order

to the most qualified firm, without further approval by the Commission, as long as the total value of all task orders issued under that contract is less than the Commission-approved not-to-exceed dollar value. Staff would inform the Commission of all task orders over \$25,000.

Discussion

In March 2025, the Authority issued a Request for Qualifications for On-Call Professional Services (Engineering, Environmental, Project and Construction Management), requesting qualifications in the following categories:

- AI strategy and implementation
- Asset management
- Biosolids management options analysis
- Bid assistance
- Capital project management
- Cathodic protection
- CEQA review
- Civil & structural engineering design & calculations
- Community engagement/outreach
- Construction management and support
- Cost estimating
- Cybersecurity
- Design development
- Electrical engineering and design
- Environmental permitting
- Feasibility studies
- Geotechnical engineering
- Hydraulic modeling/analysis
- Mapping existing utilities and evaluating new/existing utility conflicts
- Mechanical analysis and design (e.g. pump stations)
- Plan, specification, and bid package development
- Project management
- Public communication
- Regulatory strategy and compliance
- Other Professional Services, as needed

The Authority received twelve submissions, and all were deemed qualified to provide the services for which they submitted. Across the twelve, all requested services are covered. Consistent with the Purchasing Policy, staff is recommending that the Commission authorize the General Manager to enter into a Consultant Services Agreement with each of the twelve (12) consulting firms, with a not-to-exceed amount of \$100,000 for each agreement and its corresponding task orders. Multiple agreements allow for flexibility when selecting which consultant to use for a specific project.

The proposed agreements have a five-year term, expiring on June 30, 2030. Each task order-based agreement outlines contractual requirements, including indemnification, insurance, and other terms, but does not specify specific work to be completed or actual costs. Once the Authority has entered into a Consultant Services Agreement, task orders may be created on an as-needed basis. The Authority is not committed to pay the full amount of the agreement.

Staff is also proposing initial as-needed work orders to each of the consultants at a value at or below \$25,000. Staff will follow the guidelines in the Purchasing Policy when issuing additional work orders and will inform the Commission of any work orders greater than \$25,000. Any amendment to a contract to increase the not-to-exceed value beyond \$100,000 would be brought to the Commission for approval.

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