



EAST BAY DISCHARGERS AUTHORITY  
2651 Grant Avenue  
San Lorenzo, CA 94580-1841  
(510) 278-5910  
FAX (510) 278-6547

*A Joint Powers Public Agency*

“Pursuant to the Governor’s Executive Order N-25-20 the Operations & Maintenance Committee Meeting scheduled for this morning at 9:00 a.m. will be telephonic. The dial-in number for the meeting is +1 669 900 6833 with meeting I.D. #132 399 584. Members of the public are encouraged to dial-in to the meeting using the same number. The original meeting location 2651 Grant Avenue, San Lorenzo, CA will remain available for anyone unable to dial-in. Thank you.”

**ITEM NO. 12**

**OPERATIONS & MAINTENANCE COMMITTEE AGENDA**

**Tuesday, March 17, 2020**

**9:00 A.M.**

**East Bay Dischargers Authority  
2651 Grant Avenue, San Lorenzo, CA 94580**

**Committee Members: Cutter (Chair); Walters**

**OM1. Call to Order**

**OM2. Roll Call**

**OM3. Public Forum**

**OM4. EBDA Performance**

(The Committee will be updated on EBDA’s NPDES report.)

**OM5. Status Report**

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

**OM6. Resolution Authorizing the General Manager to Issue a Purchase Order to Buckles-Smith in the Amount of \$23,429 for a Refurbished Variable Frequency Drive and Field Service for Effluent Pump No. 6 at the Alvarado Effluent Pump Station**

(The Committee will consider a resolution to issue a purchase order.)

**OM7. Adjournment**

(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, please contact the Administrative Assistant at the EBDA office at (510) 278-5910 or kyambao@ebda.org. 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>.)

**The next O&M Committee meeting will be held  
Tuesday, April 14, 2020, at 9:00 a.m.**

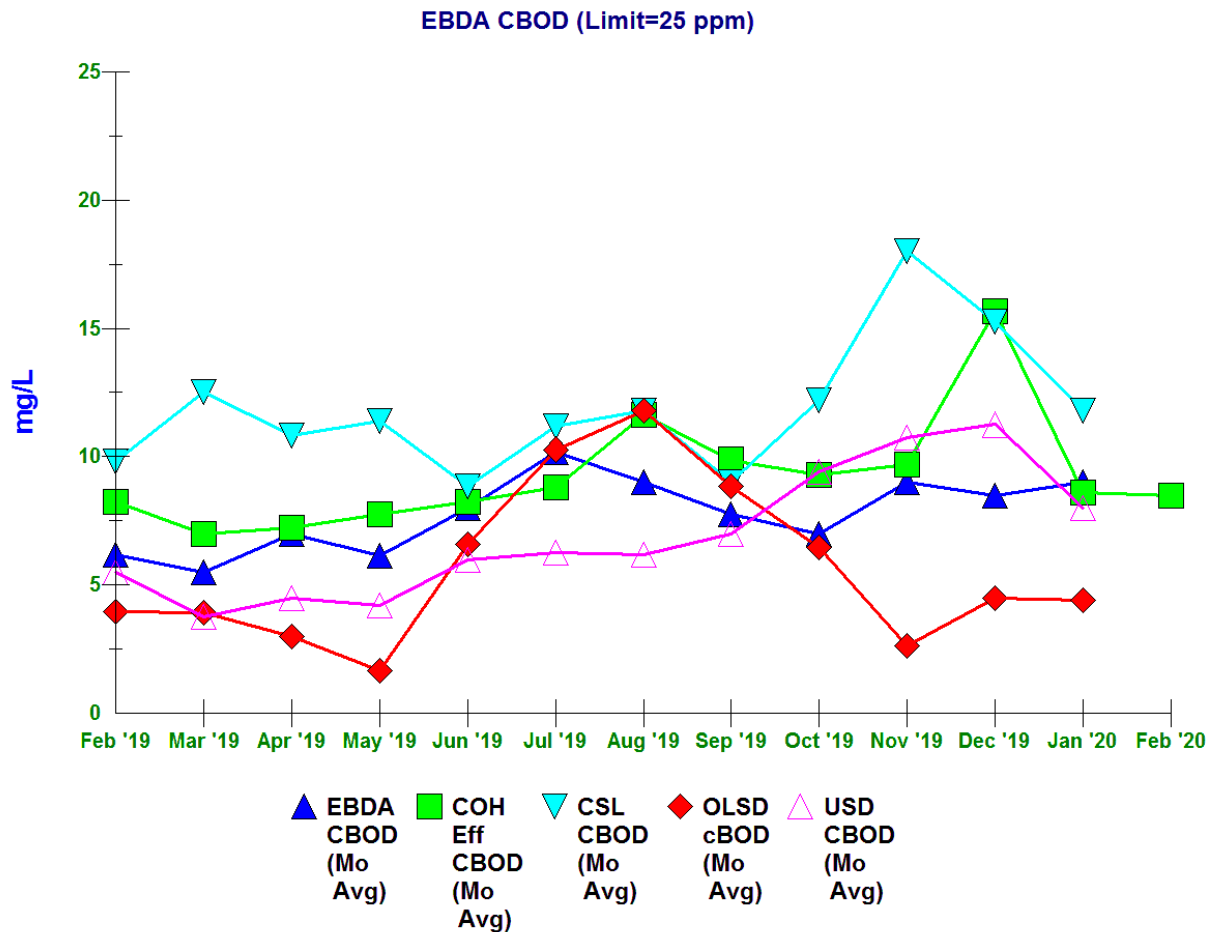
**ITEM NO. OM4 EBDA PERFORMANCE**

**Recommendation**

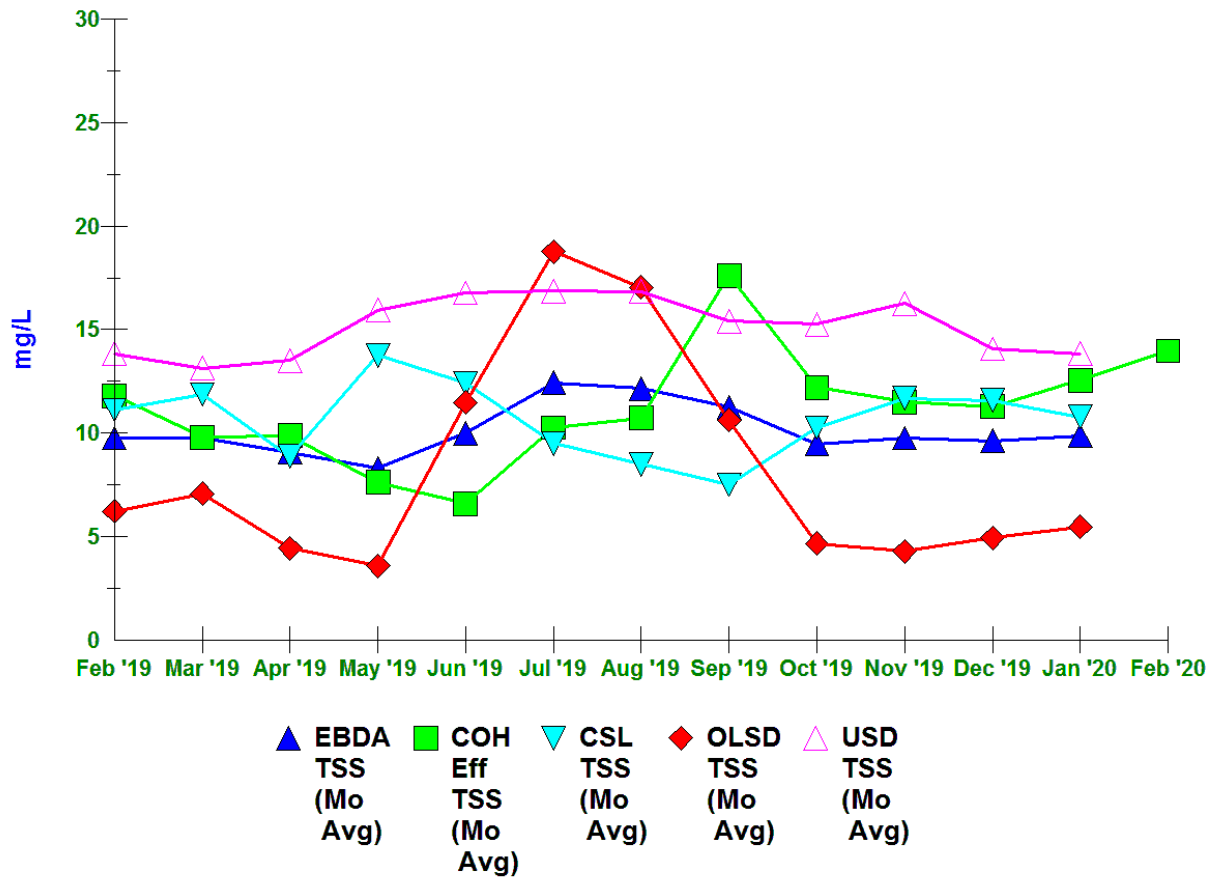
For the Committee’s information only; no action is required.

**Permit Compliance Issues**

There were no NPDES permit violations in January and preliminary data from February are also free of permit exceedances. Member Agency CBOD and TSS performance are shown below. A table with bacterial indicators is also included. Following anomalous fecal coliform detections in November and December, results in January were back to expected levels for the lower temperature season, and February data continues that stable pattern.



EBDA TSS (Limit 30 ppm)



### EBDA Bacterial Indicators

	FECAL	ENTERO
Date	MPN/ 100mL	MPN/ 100mL
Limit (90th Percentile)	1100	
Limit (Geomean)	500	240
<b>Mar 2019, Geomean</b>	<b>7</b>	<b>2</b>
<b>April 2019, Geomean</b>	<b>7</b>	<b>&lt; 2</b>
<b>May 2019, Geomean</b>	<b>14</b>	<b>2</b>
<b>June 2019, Geomean</b>	<b>16</b>	<b>3</b>
<b>July 2019, Geomean</b>	<b>9</b>	<b>&lt; 3</b>
<b>August 2019, Geomean</b>	<b>32</b>	<b>&lt; 3</b>
<b>Sept 2019, Geomean</b>	<b>12</b>	<b>3</b>
<b>Oct 2019, Geomean</b>	<b>35</b>	<b>2</b>
<b>Nov 2019, Geomean</b>	<b>32</b>	<b>2</b>
<b>Dec 2019, Geomean</b>	<b>18</b>	<b>&lt; 2</b>
1/6/2020	3	< 2
1/7/2020	4	< 2
1/8/2020	2	2
1/13/2020	4	< 2
1/14/2020	11	2
1/15/2020	13	< 2
1/20/2020	3	< 2
1/21/2020	110	3
1/22/2020	4	4
1/27/2020	9	< 2
1/28/2020	4	< 2
<b>January 2020 geomean</b>	<b>7</b>	<b>&lt; 2</b>
2/3/2020	6	2
2/4/2020	8	< 2
2/5/2020	8	< 2
2/10/2020	2	< 2
2/11/2020	2	3
2/12/2020	2	< 2
2/17/2020	4	< 2
2/18/2020	4	< 10
2/19/2020	2	8
2/24/2020	2	< 2
2/25/2020	240	< 2
<b>February 2020 geomean</b>	<b>5</b>	<b>&lt; 3</b>

## **ITEM NO. OM5 STATUS REPORT**

### **Alvarado Effluent Pump Station (AEPS)**

#### **Pump Cavitation Study & Station Optimization**

On March 6, 2020, EBDA received the latest version of the Draft Cavitation Study Project Memorandum. Staff provided comments to Carollo Engineers, Inc. (Carollo) and expects to receive the final version shortly. Once received, it will be sent to the MAC and USD staff for review and a meeting will be scheduled with USD to discuss implementation of the recommendations.

#### **Effluent Pump No. 6 Refurbishment**

Staff is recommending approval of a resolution authorizing the General Manager to issue a purchase order to Buckles-Smith in the amount of \$23,429 for a refurbished Variable Frequency Drive (VFD) and field service for Effluent Pump No. 6. See Item No. OM6.

#### **Air Supply Fan**

On February 18, 2020, USD reported to EBDA that the pump station air supply fan needed to be replaced. USD received a quote of approximately \$4,000 for a replacement unit. The new fan has a four week lead time and USD staff will install the fan when it arrives.

### **Hayward Effluent Pump Station (HEPS)**

#### **Motor Control Center (MCC) Replacement Project**

In February, GSE Construction, Inc. (GSE) continued working on the punch list, which is a list of small items that need to be corrected before the project is completed. The last major outstanding items are the installation of the new stairs into the MCC building and the new platform around the generator. The stairs and platform are scheduled to arrive the last week of March.

### **Oro Loma Effluent Pump Station (OLEPS)**

#### **Emergency Generator Starter Failure**

On February 20, 2020, Scot Campbell with Bay Power, LLC, investigated the starter issue with the OLEPS emergency generator. Mr. Campbell's recommendation is to replace the outdated cable-driven tachometer/speed switch with a modern electronic speed switch unit that matches the ones on the diesel pump engines. The speed switch sends a signal to the starter that the engine is running, causing the starter to disengage. Mr. Campbell believes that the faulty speed switch was signaling that the engine wasn't running when it was, causing the starter to stay engaged and fail. The new speed switch is on order, and installation is scheduled for March 19, 2020.

### **Electrical Improvements**

To ensure consistent power to OLEPS, EBDA is in the process of connecting the station to OLSD as a redundant emergency power supply. The next phase of the OLEPS emergency power project includes installing a breaker in OLSD's new blower building, installing new conduits inside OLEPS, and installing wires in the conduits to connect the redundant source of emergency power from OLSD. EBDA received a quote from OLSD's Nutrient Optimization Project electrical subcontractor for the work. Staff has determined that the most cost-effective approach to implementing the project is for that subcontractor to install the breaker and connect the wires in the new blower building, and for Calcon Systems Inc. (Calcon) to install the conduits inside OLEPS and the wires from just outside the new blower building to OLEPS. Calcon will start the installation in approximately two weeks.

### **San Leandro Effluent Pump Station (SLEPS)**

No change; all equipment is operational.

### **Skywest Pump Station**

#### **Recycled Water Production**

During the month of February 2020, the Skywest Recycled Water System produced 1.65 million gallons of recycled water.

### **Marina Dechlorination Facility (MDF)**

No change; all equipment is operational.

### **Force Main**

#### **Transport System Repair Couplings & Seals**

As part of the draft Transport System Seismic Reliability Plan, Brown & Caldwell (BC) included a recommended emergency spare parts inventory list. EBDA staff is in the process of obtaining quotes for 48-Inch and 60-Inch Encapsulating Couplings. Procurement of these items prior to the effective date of the new JPA was agreed to in the JPA Term Sheet and added to the Renewal and Replacement Fund (RRF) project list for FY 2019/2020. Per that agreement, staff also plans to procure a selection of flexible internal seals that can be deployed for pipe repair.

### **Operations Center**

No change; all equipment is operational.

## **Miscellaneous Items**

### **Underground Service Alerts**

EBDA received thirty-four (34) Underground Service Alert (USA) tickets during the month of February 2020. Four required field verification.

### **Wet Weather**

During the month of February 2020, there were no rain events.

## **Special Projects**

### **Renewable Diesel**

At the Commission's direction, EBDA staff investigated the use of renewable diesel in EBDA's 8,000 gallon fuel tank at OLEPS. While renewable diesel has become an excellent alternative for fleet vehicles, it has not been widely used by Member Agencies for emergency generators. Due to EBDA's relatively low diesel fuel usage, low fuel turnover, and the fact that the fuel is for emergency pumping/power generation, EBDA staff plans to wait until Member Agencies establish a track record of using renewable diesel in low fuel turnover equipment such as emergency generators. EBDA's recent fuel purchases are as follows:

- FY 2017/2018                      1,700 Gallons
- FY 2018/2019                      2,200 Gallons
- FY 2019/2020                      None

### **PG&E Large Integrated Audit Program**

EBDA is participating in PG&E's Large Integrated Audit (LIA) program. The LIA Program is a PG&E-sponsored assessment of customer facilities, with a goal of creating an energy action plan that identifies and prioritizes potential energy and demand savings from energy conservation, energy efficiency, time-of-use management, demand response, and self-generation measures. EBDA's study is being conducted by Alternative Energy Systems Consulting, Inc. (AESC). On December 18, 2019, EBDA staff provided AESC with the data that they requested. Staff is awaiting AESC's analysis.

### **EBDA Facilities Electrical Evaluation**

Beecher Engineering, Inc. will provide a final draft of the EBDA Facilities Electrical Evaluation Report following the incorporation of the OLEPS Standby Power Assessment Report.

**Disaster Cost Recovery Planning**

On March 8, 2020, Kermani Consulting Group (KCG) delivered a final Disaster Cost Recovery Plan for EBDA. Next steps for staff include developing and issuing Requests for Proposals (RFPs) for services that are likely to be required during a disaster, as well as pre-populating FEMA forms to the extent practical.

**Advanced Quantitative Precipitation Information (AQPI) Project**

The regional AQPI project to improve prediction of rainfall events in the Bay Area continues to move forward. The Cooperative Agreement for installation of the X-band radar in the East Bay has been approved by EBDA, East Bay Municipal Utility District, Alameda County Water District, and Alameda County Flood Control District. Contra Costa County Flood Control District was slated to be the last to approve on March 10, 2020. The project is still on target for a mid-March installation at Rocky Ridge. This will improve precipitation data collection and modeling for the East Bay. Planning is also underway on a regional partnership agreement to fund the O&M of the system beyond 2021, when the original Department of Water Resources grant concludes.



**EAST BAY DISCHARGERS AUTHORITY**  
**MONTHLY OPERATION AND MAINTENANCE REPORT**  
**Feb-2020**

1. Summary sheets from the NPDES Report submitted to the RWQCB and EPA are attached for the month of: Jan-20
2. Number of violations reported in the above NPDES Report: **None to Report**
3. The violations included the following: **None Noted**
4. Preventive Maintenance for the month of: Jan-20

LOCATION	NO. TASKS SCHEDULED	NO. TASKS COMPLETED	# TASKS UNFINISHED	PERCENT COMPLETED
San Leandro Pump Station	10	10	0	100%
Oro Loma Pump Station	91	91	0	100%
Sky West Pump Station	14	14	0	100%
Hayward Pump Station	17	17	0	100%
Alvarado Pump Station	4	4	0	100%
Marina Dechlorination Facility	54	54	0	100%
EBDA Responsibility	43	43	0	100%
Force Main - USD	4	4	0	100%
Force Main - San Leandro	65	65	0	100%
<b>Total</b>	<b>302</b>	<b>302</b>	<b>0</b>	<b>100%</b>

5. Unscheduled Maintenance for the month of: Feb-20

LOCATION	NO. OF WORK ORDERS
San Leandro Pump Station	0
Oro Loma Pump Station	2
Hayward Pump Station	0
Alvarado Pump Station	1
Marina Dechlorination Facility	1
Skywest Pump Station	1
Force Main	0

6. Other Items of significance: Feb-20

- a. FM: Transport System Repair Couplings & Seals
- b. AEPS: Effluent Pump No. 6 VFD Repair / Air Supply Fan Replacement
- c. OLEPS: Electrical Improvements / Generator Repair
- d. MDF: No Items
- e. HEPS: MCC Replacement Project
- f. SLEPS: No Items

**ITEM NO. OM6 RESOLUTION AUTHORIZING THE GENERAL MANAGER TO ISSUE A PURCHASE ORDER TO BUCKLES-SMITH IN THE AMOUNT OF \$23,429 FOR A REFURBISHED VARIABLE FREQUENCY DRIVE AND FIELD SERVICE FOR EFFLUENT PUMP NO. 6 AT THE ALVARADO EFFLUENT PUMP STATION**

**Recommendation**

Approve the resolution authorizing the General Manager to issue a purchase order to Buckles-Smith in the amount of \$23,429 for a refurbished Variable Frequency Drive (VFD) and field service for Effluent Pump No. 6 at AEPS.

**Background**

On December 12, 2019, the AEPS Effluent Pump No. 6 VFD experienced a major failure. EBDA staff scheduled a service call with Rockwell Automation Field Service on December 27, 2019. The Field Service Engineer determined that the inverter section of the VFD was blown and needed to be replaced. Staff obtained quotes for repair/replacement of the VFD. Staff determined that Effluent Pump No. 6 is critical to meet EBDA system reliability and that immediately repairing the VFD was necessary due to wet weather. Staff recommended that the VFD be refurbished, and the quotes were discussed with the MAC. On February 3, 2020, the refurbished VFD was installed, and Rockwell Automation Field Service completed commissioning. The pump is operational and the station is ready for wet weather. The quotes/actual costs from Buckles-Smith are as follows:

Field Service 12/27/19 – Actual Cost	\$1,226
Refurbished VFD – Actual Cost	\$18,995
Field Service 2/3/20 – Commissioning – Not To Exceed Quote	\$2,878
Estimated Shipping	\$330
Total	\$23,429



TEL: 408-280-7777 FAX: 408-280-0720  
 www.buckles-smith.com

# QUOTE

QUOTE DATE	QUOTE NO.
01/06/20	3180611-00
P.O. NO.	
REFERENCE	

CUST.#: 823850

BILL TO: EAST BAY DISCHARGERS AUTHORITY  
 2651 GRANT AVE  
 SAN LORENZO, CA 94580

SHIP TO: EAST BAY DISCHARGERS AUTHORITY  
 2651 GRANT AVE  
 SAN LORENZO, CA 94580

REQ. DATE	REQUESTED BY	PHONE / FAX	EMAIL
12/27/19	HOWARD CIN		HCIN@EBDA,ORG
EXP. DATE	SHIP VIA	SHIP POINT	TERMS
12/30/19	UPS GRND	BUCKLES-SMITH - SANTA CLARA	1% 10DAYSN30

LINE NO.	PRODUCT AND DESCRIPTION	QTY. QUOTED	UNIT PRICE	PRICE U/M	AMOUNT (NET)
3	ALBSTANDARDREMAN STANDARD EXCHANGE SERV - ADVANCED REMANUFACTURING A-B 20G14ND361ANONNNNN/A POWERFLEX 755 AC DRIVE BUILT BY SSB ON ORD RIUSX00893 S/N : 42889100 MFD : 2015/07/31 PN-210766 18 MONTH ENTIRE UNIT WARRANTY QUOTE DOES NOT INCLUDE FREIGHT	1	18994.55000	E	18994.55
TOTAL					18994.55
QUOTE TOTAL					18994.55
AUTHORIZED BY		PHONE / FAX	EMAIL		PAGE 1
JERRY BROWN		510 746-4610 / 510 483-6705	GJBROWN@BUCKLES-SMITH.COM		LAST PAGE
Buckles-Smith Terms and Conditions located at <a href="http://www.buckles-smith.com/TNC.aspx">http://www.buckles-smith.com/TNC.aspx</a>					

# Buckles-Smith

540 MARTIN AVENUE  
SANTA CLARA, CA 95050-2954

TEL: (408) 280-7777  
FAX: (408) 280-0720  
AR@Buckles-Smith.com  
WWW.BUCKLES-SMITH.COM

## Invoice - Blanket Release

PAGE	INVOICE DATE	INVOICE NO
1 of 1	01/14/20	3180032-01
P.O. NO.		
2310		
REFERENCE		
REMIT TO: Buckles-Smith Electric Company PO Box 399091 San Francisco, CA 94139-9091		

**BILL TO:** 823850  
10591 1 AB 0.412 E0074X I0137 D5743866975 S2 P7062531 0001:0001

**SHIP TO:**



EAST BAY DISCHARGERS AUTHORITY  
2651 GRANT AVE  
SAN LORENZO CA 94580-1839

EAST BAY DISCHARGERS AUTHORITY  
UNION CITY SANTIATION  
5072 BENSON RD  
UNION CITY, CA 94587

SHIP POINT	SHIP VIA	SHIPPED	TERMS	INSTRUCTIONS
Buckles-Smith - Santa Clara	UPS Grnd	01/14/20	1% 10DaysN30	

LINE NO	PRODUCT AND DESCRIPTION	QTY. ORDERED	QTY. B.O.	QTY. SHIPPED	UNIT PRICE	PRICE UM	AMOUNT (NET)
1	ALBCSOSSTDTRVL-DBOT CALLOUT TRAVEL RATE TO-FROM CUSTOMER SITE STANDARD TRAVEL RATE: THIS HOURLY CHARGE WILL BE APPLIED TO BILLABLE ONSITE SERVICE DELIVERED BY A ROCKWELL AUTOMATION FIELD SERVICE PROFESSIONAL AND SHALL BE DETERMINED BY THE SERVICE PROFESSIONAL'S ACTUAL ROUND TRIP TRAVEL TIME FROM POINT OF ORIGIN TO CUSTOMER DESTINATION AND BACK. QUOTED TRAVEL CHARGES ARE ESTIMATES ONLY, AND WILL BE BILLED AS INCURRED. IF THE MOST LOCAL RESOURCE IS NOT AVAILABLE, ROCKWELL AUTOMATION WILL DISPATCH THE NEAREST QUALIFIED FIELD SERVICE PROFESSIONAL TO RESPOND TO THE REQUEST. UPON REQUESTS TO LIMIT ADDITIONAL TRAVEL COSTS, ROCKWELL AUTOMATION CAN DISPATCH THE FIRST AVAILABLE LOCAL FIELD SERVICE PROFESSIONAL. IF DESIRED, PLEASE ALERT YOUR BUCKLES-SMITH CONTACT, AND NOTE THIS REQUEST ON YOUR PURCHASE ORDER, OR E-MAIL DOCUMENTATION. TRAVEL TO SITE 2.5 HRS TRAVEL TO HOME 2.5 HRS	5	0	5	198.00000	E	990.00
2	ALBSTDPRODUCTSUPSCHDBOT STANDARD CALLOUT RATE M-F 7AM-6PM	1	0	1	236.00000	E	236.00
Total							1226.00
Invoice Total							1226.00

RECEIVED  
JAN 17 2020  
EAST BAY DISCHARGERS AUTHORITY

PLACED BY	PHONE	ENTERED BY	PHONE
Howard Cin		Daniel Rodriguez	559 264-7700 x 1204

MATERIAL RECEIVED BY:	TERMS OF SALE:
	A finance charge of 1.5% per month (18%APR) or the maximum percent allowed under California law, whichever is less, will be assessed on invoices 30 days past due. The prevailing party is entitled to reasonable attorney's fees if action to collect amounts due on invoice. CREDIT CARDS Credit Cards will be accepted at the time of order. Credit cards are not eligible for any payment discounts or special terms. A customer who chooses to pay for an order more than 3 (three) days after invoicing, is subject to a credit card fee of 2.5% of the total purchase price.

TO VIEW ONLINE GO TO:	USE THIS ENROLLMENT CODE:
<a href="http://buckles-smith.billtrust.com">http://buckles-smith.billtrust.com</a>	PKW PSP KQQ



TEL: 408-280-7777 FAX: 408-280-0720  
 www.buckles-smith.com

**QUOTE**

QUOTE DATE	QUOTE NO.
01/14/20	3182445-00
P.O. NO.	
REFERENCE	

CUST.#: 823850

BILL TO: EAST BAY DISCHARGERS AUTHORITY  
 2651 GRANT AVE  
 SAN LORENZO, CA 94580

SHIP TO: EAST BAY DISCHARGERS AUTHORITY  
 5072 BENSON RD  
 UNION CITY, CA 94587

REQ. DATE	REQUESTED BY	PHONE / FAX	EMAIL
01/14/20	HOWARD CIN		HCIN@EBDA,ORG
EXP. DATE	SHIP VIA	SHIP POINT	INSTRUCTIONS
01/15/20	UPS GRND	BUCKLES-SMITH - SANTA CLARA	TERMS
			1% 10DAYSN30

LINE NO.	PRODUCT AND DESCRIPTION	QTY. QUOTED	UNIT PRICE	PRICE U/M	AMOUNT (NET)
***** ROCKWELL FIELD SERVICE ENGINEER TICKET #: 4008105961 ENGINEER: SERVICE DATE: ***** CUSTOMER WOULD LIKE FACTORY COMMISSIONING FOR VFD. ***** ESTIMATE ONLY, ANYTHING BEYOND QUOTATION WILL REQUIRE ADDITIONAL PAYMENT. *****					
1	ALBSTDPRODUCTSUPSCHDBOT STANDARD CALLOUT RATE M-F 7AM-6PM	8	236.00000	E	1888.00
2	ALBCSOSSTDTRVL-DBOT CALLOUT TRAVEL RATE TO-FROM CUSTOMER SITE STANDARD TRAVEL RATE: THIS HOURLY CHARGE WILL BE APPLIED TO BILLABLE ONSITE SERVICE DELIVERED BY A ROCKWELL AUTOMATION FIELD SERVICE PROFESSIONAL AND SHALL BE DETERMINED BY THE SERVICE PROFESSIONAL'S ACTUAL ROUND TRIP TRAVEL TIME FROM POINT OF ORIGIN TO CUSTOMER DESTINATION AND BACK. QUOTED TRAVEL CHARGES ARE ESTIMATES ONLY, AND WILL BE BILLED AS INCURRED. IF THE MOST LOCAL RESOURCE IS NOT AVAILABLE, ROCKWELL AUTOMATION WILL DISPATCH THE NEAREST QUALIFIED FIELD SERVICE PROFESSIONAL TO RESPOND TO THE REQUEST. UPON REQUESTS TO LIMIT ADDITIONAL TRAVEL COSTS, ROCKWELL AUTOMATION CAN DISPATCH THE FIRST AVAILABLE LOCAL FIELD SERVICE PROFESSIONAL. IF DESIRED, PLEASE ALERT YOUR BUCKLES-SMITH CONTACT, AND NOTE THIS REQUEST ON YOUR PURCHASE ORDER, OR E-MAIL DOCUMENTATION.	5	198.00000	E	990.00
TOTAL					2878.00
QUOTE TOTAL					2878.00
AUTHORIZED BY		PHONE / FAX		EMAIL	
DANIEL RODRIGUEZ		559 264-7700 X 1204 / 559-486-1952		DRODRIGUEZ@BUCKLES-SMITH.COM	
					PAGE 1 LAST PAGE
Buckles-Smith Terms and Conditions located at <a href="http://www.buckles-smith.com/TNC.aspx">http://www.buckles-smith.com/TNC.aspx</a>					

**EAST BAY DISCHARGERS COMMISSION**  
EAST BAY DISCHARGERS AUTHORITY  
ALAMEDA COUNTY, CALIFORNIA

RESOLUTION NO. 20-01

INTRODUCED BY \_\_\_\_\_

**RESOLUTION AUTHORIZING THE GENERAL MANAGER TO ISSUE A PURCHASE ORDER TO BUCKLES-SMITH IN THE AMOUNT OF \$23,429 FOR A REFURBISHED VARIABLE FREQUENCY DRIVE AND FIELD SERVICE FOR EFFLUENT PUMP NO. 6 AT THE ALVARADO EFFLUENT PUMP STATION**

**WHEREAS**, the East Bay Dischargers Authority requested quotes from Buckles-Smith for a refurbished Variable Frequency Drive (VFD) and field service for Effluent Pump No. 6 at AEPS; and

**WHEREAS**, staff has determined that Effluent Pump No. 6 at AEPS is critical to meet EBDA system reliability and that repairing its VFD is necessary; and

**WHEREAS**, staff has determined that the quotes from Buckles-Smith are qualified, responsive and responsible quotes; and

**WHEREAS**, Buckles-Smith is the only authorized Allen-Bradley/Rockwell Automation distributor and service provider in Alameda County and has provided EBDA with excellent service; and

**WHEREAS**, the Operations & Maintenance Committee has recommended approval of a purchase order to Buckles-Smith.

**NOW, THEREFORE BE IT RESOLVED**, the Commission of the East Bay Dischargers Authority hereby accepts the quotes from Buckles-Smith.

**BE IT FURTHER RESOLVED**, the General Manager is hereby authorized to issue a purchase order on behalf of the Authority in the amount of \$23,429 to Buckles-Smith in accordance with the accepted quotes.

**SAN LORENZO, CALIFORNIA, MARCH 19, 2020, ADOPTED BY THE FOLLOWING VOTE:**

**AYES:**  
**NOES:**  
**ABSENT:**  
**ABSTAIN:**

\_\_\_\_\_  
**CHAIR**  
**EAST BAY DISCHARGERS COMMISSION**

**ATTEST:** \_\_\_\_\_  
**GENERAL MANAGER**  
**EAST BAY DISCHARGERS AUTHORITY**  
**EX OFFICIO SECRETARY**