



**ANTELOPE VALLEY-EAST KERN WATER AGENCY  
 ANTELOPE VALLEY-EAST KERN WATER AGENCY FINANCING AUTHORITY  
 REGULAR BOARD MEETING AGENDA  
 TUESDAY, APRIL 13, 2021 AT 5:30 PM**

**Teleconference: (669) 900-6833; ID No. 8 9 4 3 5 7 2 7 6 5 7 #; PASSCODE: 0**

**Video Conference:**

<https://us02web.zoom.us/j/89435727657?pwd=ak1XbmprdfBUQnRZOWszWU91VHdyUT09>

***\*\*Please mute audio at all times unless speaking\*\****

**1. CALL TO ORDER**

- 2. ROLL CALL:** Division 7 – Gary Van Dam \_\_\_\_\_; Division 6 – Audrey T. Miller \_\_\_\_\_;  
 Division 5 – Robert Parris \_\_\_\_\_; Division 4 – George M. Lane \_\_\_\_\_; Division 1 –  
 Shelley Sorsabal \_\_\_\_\_; Division 3 – Frank Donato \_\_\_\_\_; Division 2 – Keith Dyas \_\_\_\_\_

**OFFICERS:** General Manager – Dwayne Chisam; Attorney – Jim Markman/Tilden Kim;  
 Board Secretary/Treasurer – Holly Hughes

**3. ADOPTION OF AGENDA**

- 4. PUBLIC COMMENTS AND PERIOD OPEN TO THE PUBLIC** – This portion of the agenda allows an individual the opportunity to address the Board on any item regarding Board business that is not on the agenda. Please identify yourself when addressing the board. Without taking action or entering dialogue with the public, Board members may ask clarifying questions about topics posed by the public. Your matter may be referred to Agency staff.

- a. **VOLUNTARY PUBLIC ROLL-CALL VIA TELECONFERENCE** – If any member of the public on the teleconference/video conference wishes to identify themselves as present for this meeting, please do so for the record/minutes.

- 5. CONSENT CALENDAR – ACTION ITEMS** – The public and board shall have an opportunity to comment on any action item(s) on the Consent Calendar as the Consent Calendar is considered collectively by the Board of Directors prior to action being taken.

			Page
5(a-1)	Approve Minutes of the Regular Board Meeting of March 9, 2021	Board Order 5(a-1)	5
5(a-2)	Approve Minutes of the Regular Board Meeting of March 23, 2021	Board Order 5(a-2)	9

**5. CONSENT CALENDAR – ACTION ITEMS – (Continued)**

**Page**

5(a-3)	Accept and file the Check Register Lists from March 13, 2021 through April 2, 2021 (Finance Committee Review – 4/12/21)	Board Order 5(a-3)	15
5(a-4)	Accept and file the Agency Monthly Activities Report for the Month Ending March 31, 2021	Board Order 5(a-4)	25

**6. ITEM(S) FOR CONSIDERATION AND POSSIBLE ACTION**

**a. Finance Committee (FD/SS/KD) 4/12/21**

**Page**

6(a-1)	Consideration and possible action to approve a purchase order with Farm Pump & Irrigation to rebuild Quartz Hill WTP Backwash Pump No. 1 (Capital Project No. ER21-01) and Rosamond WTP Central Feed Pump No. 4 (Capital Project No. ER21-08) in the amount not-to-exceed \$108,177.51 (Budgeted; Operations Manager Bozigian)	Board Order 6(a-1)	29
6(a-2)	Consideration and possible action to approve a purchase order with R&B Automation for the Fairmont 60-inch Slide Gate Repair and Actuator Replacement (Capital Project No. ER-21-19) in the amount not-to-exceed \$39,856.65 (Budgeted; Operations Manager Bozigian)	Board Order 6(a-2)	35

**b. Delta Conveyance & Negotiation Committee (SS/KD/FD) 4/1/21**

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6(b-1)	Consideration and possible action on term sheet with Santa Clara Valley Water District for Short-Term Pilot Water Banking Program (Assistant General Manager Knudson)	Board Order 6(b-1)	39
6(b-2)	Consideration and possible action on wheeling agreement with Boron Community Services District to serve the Air Force Research Lab (No Budget Impact; Assistant General Manager Knudson)	Board Order 6(b-2)	45

**c. Capital Improvement Program Committee (FD/AM/KD) 4/8/21**

**Page**

6(c-1)	Consideration and possible action on awarding a contract to Nicholas Construction, Inc. for the Westside Water Bank Recharge Pipelines Improvement Project (Capital Project No. 21-04) in the amount not-to-exceed \$4,650,584.00 (Budgeted; Engineering Manager Livesay)	Board Order 6(c-1)	49
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c. Capital Improvement Program Committee (FD/AM/KD) 4/8/21(continued)			Page
6(c-2)	Consideration and possible action on professional services agreement with MC Engineering for construction management services for the Westside Water Bank Recharge Pipelines Improvement Project (Capital Project No. 21-04) in the amount not-to-exceed \$193,182.50 (Budgeted; Engineering Manager Livesay)	Board Order 6(c-2)	53
6(c-3)	Consideration and possible action on Amendment No. 2 with MC Engineering for office engineering services during construction for the Westside Water Bank Recharge Pipelines Improvement Project (Capital Project No. 21-04) in the amount not-to-exceed \$68,680.50 (Budgeted; Engineering Manager Livesay)	Board Order 6(c-3)	55

**7. GENERAL MANAGER’S REPORT ON WATER SUPPLY, PROJECTS, AND PROGRAM**

**8. DIRECTORS REPORTS**

**9. ATTORNEY REPORT**

**10. REQUEST FOR FUTURE AGENDA ITEMS**

**11. CLOSED SESSION**

a. *Possible* Closed Session, Conference with Legal Counsel – Litigation, to which the local agency is a party pursuant to Government Code Section §54956.9(d)(1), three cases: *Diamond Farming Company vs. Palmdale Water District and Bolthouse, Inc. vs. Palmdale Water District and Los Angeles County Waterworks District No. 40 vs. Diamond Farming Company, Et Al*; one case to discuss ongoing Adjudication Principal’s Mediation Efforts.

b. *Possible* Closed session pursuant to Government Code Section 54956.8  
Conference with Real Property Negotiators

Property: APN’s: 3275-021-003, 3275-021-004, 3275-021-008, 3275-021-009, 3275-021-011, 3275-021-015, 3275-021-016, 3275-021-027, 3275-021-028, 3275-021-030, 3275-021-035, 3275-021-038, 3275-021-039, and 3275-021-040.

Agency Negotiator: General Manager Dwayne Chisam

Negotiating parties: AVEK and Ariel and Edna Braza, Marco and Estela Segui; Abraham L and Francisca T. Castillo; Mohammadnejat Davoodian, Kobra Sofavi, Bill Chuan, Kelly Yip, Arley Wolf, Benigno G Tuazon; Hector Lopez, Maura Lopez, Armando Funes, Ruth Funes; Man Leung Ng, Quang Thanh Su, Ellen Tam Su, Wing Kit Law, Steve B Phui, Nhi M. Vong-Phui; Jumayde N Paayas and Editha T Paayas; Raquel Sisayan LLC; Raquel Sisayan LLC, Steven G Johnson and Stephanie A Johnson; Elizabeth Y Tan, Maria Isabella T Santos, Juan Emanuel T Santos; Frederick C Tochterman and Ceclia C Tochterman, Ya Ping Wang and Chun Hong Wang; Danny C Vidamo and Aida S Vidamo.

Under negotiation: Price and terms of payment for possible purchase

c. *Possible* Closed Session - Conference with Legal Counsel – Existing Litigation, to which the local agency is a party pursuant to Government Code Section 54956.9(d)(1), one case, *CV Communities, LLC v. Antelope Valley-East Kern Water Agency*, Los Angeles County Superior Court Case No. 20STCV10953.

**12. CLOSED SESSION ANNOUNCEMENTS**

**13. ADJOURN TO A REGULAR BOARD MEETING SCHEDULED FOR TUESDAY, APRIL 27, 2021  
AT 5:30 P.M.**

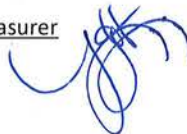
**Note:** The Board reserves the right to discuss and/or act on all the above agenda items.

**NOTICES**

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning (661) 943-3201 or writing to Antelope Valley-East Kern Water Agency at 6450 West Avenue N, Palmdale, CA 93551. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that Agency staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the Agency to provide the requested accommodation.

A complete agenda packet containing all accompanying reports for this agenda is available by contacting the Board Secretary-Treasurer at [hhughes@avek.org](mailto:hhughes@avek.org) or (661) 943-3201. Board meetings are subject to audio recording.

Posted: April 9, 2021 at 1 p.m. by Holly Hughes, Board Secretary-Treasurer



**RECOMMENDED BOARD ORDER 5(a-1)**

To the Board of Directors

**FOR BOARD ACTION**

**MINUTES OF THE REGULAR BOARD MEETING  
OF MARCH 9, 2021**

The Board of Directors adopted the following board order on  
April 13, 2021:

That the Minutes of the Regular Board Meeting of March 9, 2021, be  
approved as presented.

Motion by \_\_\_\_\_

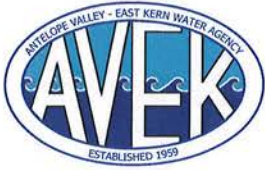
Second by \_\_\_\_\_

Carried \_\_\_\_\_

BOARD ORDER 5(a-1)

04-13-21





**ITEM 1.** The regular meeting of the Board of Directors of the Antelope Valley-East Kern Water Agency and the Antelope Valley-East Kern Water Agency Financing Authority met via teleconference and video conference (not in-person in response to the COVID-19 directive). The meeting was called to order by President **Dyas** at 5:30 p.m.

**ITEM 2. ROLL CALL – MEMBERS PRESENT via TELECONFERENCE:**

Division 7 – Gary **Van Dam**  
Division 6 – Audrey **Miller**  
Division 5 – Robert **Parris**  
Division 1 – Shelley **Sorsabal** [5 :31 p.m.]  
Division 3 – Frank **Donato** (Vice President)  
Division 2 – Keith **Dyas** (President)

**NOT PRESENT:**

Division 4 – George **Lane**

**OFFICERS PRESENT:**

Dwayne **Chisam**, General Manager  
Tilden **Kim**, Attorney – Richards, Watson, & Gershon [PRESENT via TELECONFERENCE]  
Holly **Hughes**, Board Secretary-Treasurer

**NOTES: STAFF PRESENT:**

Matt **Knudson**, Jon **Bozgian**, Justin **Livesay**, and Pam **Clark**

Due to the teleconference, all votes cast during this meeting were taken via roll-call.

**OTHERS PRESENT via TELECONFERENCE:**

The following names and numbers appeared on the ZOOM meeting roster (in addition to the names of directors and general counsel) during the teleconference meeting: (661) 272-0015; (661) 433-1487; (661) 433-1038; (661) 609-1287; (661) 965-3626; Dennis **LaMoreaux**; Jim **Gardner**; John **Joyce**; Justin **Livesay**; Kari **Eskridge**; NERD Aerotech News - **Alisha**; Randall **Sancho**; R. **Gomez**; and others. As many as 23 various participants were noted on the conference call at one time and this number fluctuated throughout the meeting.

**ITEM 3. ADOPTION OF AGENDA:**

**ORDERED:** On motion by **Parris**, second by **Miller**, the current agenda was adopted as presented. **Roll Call Voting: 5-0-0-2; Lane** and **Sorsabal** not present; **Carried**.

**ITEM 4. PUBLIC COMMENTS AND PERIOD OPEN TO THE PUBLIC:**

4(a-1) **VOLUNTARY PUBLIC ROLL-CALL VIA TELECONFERENCE:** Vince **Dino** identified himself representing Palmdale Water District; and John **Joyce** identified himself as representing various news publications. John **Ukkestad** introduced himself as representing White Fence Farms.

**ITEM 5. NEW BUSINESS: ITEM(S) FOR CONSIDERATION AND POSSIBLE ACTION:**

5(a-1) Consideration and possible action on Letter of Support for Palmdale Water District's Bureau of Reclamation WaterSMART Grant Application (General Manager Chisam). Dennis **LeMoreaux** of Palmdale Water District addressed the board requesting a letter of support to the Bureau of Reclamation for their WaterSMART 2021 Water and Energy Efficiency Advanced Metering Infrastructure Program. A draft letter of support was contained in the board packet for review and consideration.

**ORDERED:** On motion by **Parris**, second by **Sorsabal**, to approve the draft letter of support for Palmdale Water District's Bureau of Reclamation WaterSMART Grant Application as presented and recommended. **Roll Call Voting: 6-0-0-1; Lane** not present; **Carried**.

**ITEM 6. CONSENT CALENDAR – ACTION ITEMS** – The public and board shall have an opportunity to comment on any action item(s) on the Consent Calendar as the Consent Calendar is considered collectively by the Board of Directors prior to action being taken.

6(a-1) Approve Minutes of the Regular Board Meeting of January 26, 2021

6(a-2) Approve Minutes of the Regular Board Meeting of February 9, 2021



6(a-3) Accept and file the Check Register Lists from February 13, 2021 through February 26, 2021 (Finance Committee Review – 3/8/21)

6(a-4) Approve Water Supply Fee Deposit Agreements for advance payment of applicable fees (Finance Committee Review – 3/8/21)

6(a-5) Accept and file the Agency Activities Report for February 2021

6(a-6) Authorize staff to file Notice of Completion for the Rehabilitation of Six (6) Agency Turnouts (CP-20-03) (Finance Committee Review – 3/8/21)

6(a-7) Approve Press Release “George Lane Returns to Serve as AVEK Director” (Public Information Committee Review 3/1/21)

**ORDERED:** On motion by **Miller**, second by **Sorsabal**, the seven (7) consent calendar items were all approved as presented. **Roll Call Voting: 6-0-0-1; Lane** not present; **Carried.**

**ITEM 7. ITEM(S) FOR CONSIDERATION AND POSSIBLE ACTION**

**a. Finance Committee (FD/SS/KD) 03/08/21**

7(a-1) Consideration and possible action to approve a Purchase Order with Miracle Machinery for the Removal and Disposal of Spent Coagulant from the Quartz Hill Water Treatment Plant (\$80,000; Budgeted; Operations Manager Bozigian)

**ORDERED:** On motion by **Parris**, second by **Sorsabal**, to award a contract to Miracle Machinery in the not-to-exceed amount of \$80,000.00 for the removal and disposal of spent coagulant at the Quartz Hill Water Treatment Plant and authorizing the general manager to execute an agreement with Miracle Machinery for same, as presented and recommended. **Roll Call Voting: 6-0-0-1; Lane** not present; **Carried.**

**b. Public Information Committee (GL/KD/GV) 03/01/21**

7(b-1) Consideration and Possible Action on Renewing Professional Services Agreement for Technical Writer (General Manager Chisam)

**ORDERED:** On motion by **Miller**, second by **Donato**, to approve Amendment No. 1 to the Agreement for Professional Services with Technical Writer Alisha Semchuck and authorize the general manager to execute the amendment with Alisha Semchuck for same as presented and recommended. **Roll Call Voting: 6-0-0-1; Lane** not present; **Carried.**

**ITEM 8. GENERAL MANAGER'S REPORT ON WATER SUPPLY, PROJECTS, AND PROGRAMS:**

General Manager **Chisam** provided an update on the status of the Agency. The Northern California State Weather Forecast for the next 10 days was provided. Current storage for Lake Oroville Reservoir was reported along with the San Luis Reservoir level.

Water Treatment Plant Water Flow - totals for both conventional and geopurification were reported at 24.9 MGD with conventional treatment at 13.3 MGD and geopurification deliveries at 11.6 MGD. Westside banking recharge was OFF and the Eastside banking facility was OFF; Upper Amargosa Recharge was also OFF. Total current recharge rate was 0 AFD. A new water banking graphic was introduced, showing a total of 95,675 AF in AVEK Groundwater storage as of January 1, 2021. Water deliveries were also shown; including 2021 estimates vs. actual.

Water Quality Updates included first quarter 2021 THM compliance samples in. THM's remained below AVEK's internal goal of 64 ppb.

Operations and Maintenance updates were discussed, including winter plant maintenance projects being completed; Phillips Lab / Rocket Site Pump Station progressing with completion expected during the current month of March. Capital Improvement/replacement projects are being identified for the 2021/2022 fiscal budget.

COVID-19 Response and Compliance Plan reporting – continuing to observe protocols. No new confirmed cases reported.

Upcoming events, conferences and meetings included: AV Watermaster meeting scheduled for 3/24/21 at 10 a.m. The General Manager's schedule for the next two weeks was also stated.

**ITEM 9. DIRECTORS REPORTS:** There were no reports made by any of the directors.

**ITEM 10. ATTORNEY REPORT:** There was no report made by Attorney Kim.

**ITEM 11. REQUEST FOR FUTURE AGENDA ITEMS:** There were none.

**ITEM 12. CLOSED SESSION:** General Manager **Chisam** stated that there was no reason to go into closed session for the three (3) items listed as follows:



- a. (NO) Closed Session, Conference with Legal Counsel – Litigation, to which the local agency is a party pursuant to Government Code Section §54956.9(d)(1), three cases: *Diamond Farming Company vs. Palmdale Water District and Bolthouse, Inc. vs. Palmdale Water District and Los Angeles County Waterworks District No. 40 vs. Diamond Farming Company, Et Al*; one case to discuss ongoing Adjudication Principal’s Mediation Efforts
- b. (NO) Closed session pursuant to Government Code Section 54956.8  
Conference with Real Property Negotiators

Property: APN’s: 3275-021-003, 3275-021-004, 3275-021-008, 3275-021-009, 3275-021-011, 3275-021-015, 3275-021-016, 3275-021-027, 3275-021-028, 3275-021-030, 3275-021-035, 3275-021-038, 3275-021-039, 3275-021-040, and 3275-002-011.

Agency Negotiator: General Manager Dwayne Chisam

Negotiating parties: AVEK and Ariel and Edna Braza, Marco and Estela Segui; Abraham L and Francisca T. Castillo; Mohammadnejat Davoodian, Kobra Sofavi, Bill Chuan, Kelly Yip, Arley Wolf, Gabriel T Fabella, Julia R Fabella, Emmanuel Fabella, Inez Gatmaitan-Fabella, Remedios Balleza, Benigno G Tuazon; Martin Allen Hamilton, Hector Lopez, Maura Lopez, Armando Funes, Ruth Funes; Anthony James Mcgrane, Man Leung Ng, Quang Thanh Su, Ellen Tam Su, Wing Kit Law, Steve B Phui, Nhi M. Vong-Phui; Jumayde N Paayas and Editha T Paayas; Raquel Sisayan LLC; Raquel Sisayan LLC, Steven G Johnson and Stephanie A Johnson; Elizabeth Y Tan, Maria Isabella T Santos, Juan Emanuel T Santos; Frederick C Tochterman and Ceclia C Tochterman, Ya Ping Wang and Chun Hong Wang; Danny C Vidamo and Aida S Vidamo.

Under negotiation: Price and terms of payment for possible purchase

- c. (NO) Closed Session - Conference with Legal Counsel – Existing Litigation, to which the local agency is a party pursuant to Government Code Section 54956.9(d)(1), one case, CV Communities, LLC v. Antelope Valley-East Kern Water Agency, Los Angeles County Superior Court Case No. 20STCV10953.

ITEM 13. **CLOSED SESSION ANNOUNCEMENTS:** Not applicable.

ITEM 14. **ADJOURN TO A REGULAR BOARD MEETING SCHEDULED FOR TUESDAY, MARCH 23, 2021 AT 5:30 P.M.**

**ORDERED:** On motion by Sorsabal, second by Parris, the meeting was adjourned at 6:01 p.m.; Roll Call Voting: 6-0-0-1; Lane not present. Carried.



\_\_\_\_\_  
Holly Hughes, Board Secretary-Treasurer

APPROVED BY THE BOARD OF DIRECTORS:

\_\_\_\_\_  
Date

\_\_\_\_\_  
President



**RECOMMENDED BOARD ORDER 5(a-2)**

To the Board of Directors

**FOR BOARD ACTION**

**MINUTES OF THE REGULAR BOARD MEETING  
OF MARCH 23, 2021**

The Board of Directors adopted the following board order on  
April 13, 2021:

That the Minutes of the Regular Board Meeting of March 23, 2021, be  
approved as presented.

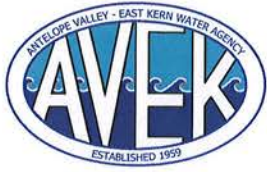
Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

BOARD ORDER 5(a-2)

04-13-21



**ITEM 1.** The regular meeting of the Board of Directors of the Antelope Valley-East Kern Water Agency and the Antelope Valley-East Kern Water Agency Financing Authority met via teleconference and video conference (not in-person in response to the COVID-19 directive). The meeting was called to order by President **Dyas** at 5:30 p.m.

**ITEM 2.** ROLL CALL – MEMBERS PRESENT via TELECONFERENCE:

Division 7 – Gary **Van Dam**  
Division 6 – Audrey **Miller**  
Division 5 – Robert **Parris**  
Division 4 – George **Lane** [present in-person]  
Division 1 – Shelley **Sorsabal**  
Division 3 – Frank **Donato** (Vice President) [5 :31 p.m.]  
Division 2 – Keith **Dyas** (President)

OFFICERS PRESENT:

Dwayne **Chisam**, General Manager  
James **Markman**, Attorney – Richards, Watson, & Gershon [PRESENT via TELECONFERENCE]  
Holly **Hughes**, Board Secretary-Treasurer

**NOTES:** STAFF PRESENT:

Matt **Knudson**, Jon **Bozigian**, Justin **Livesay**, Jordan **Wray**, and Pam **Clark**

Due to the teleconference, all votes cast during this meeting were taken via roll-call.

OTHERS PRESENT via TELECONFERENCE:

The following names and numbers appeared on the ZOOM meeting roster (in addition to the names of directors and general counsel) during the teleconference meeting: (661) 433-1487; (661) 272-0015; (661) 256-2889; (661) 609-1287; (714) 366-3886; John **Joyce**; NERD Aerotech News – **Alisha**; **R. Gomez**; **Chad Reed**; **Kari Eskridge**; **Russ Bryden**; **Eric O’Connell**; **C. Townsend**; **Matt Payne**; **Randall Sancho**; **Gregory Wood**; **Andrew Werner**; and others. As many as 29 various participants were noted on the conference call at one time and this number fluctuated throughout the meeting.

**ITEM 3.** ADOPTION OF AGENDA:

ORDERED: On motion by **Sorsabal**, second by **Parris**, the current agenda was adopted as presented. **Roll Call Voting: 7-0-0-0; Carried.**

**ITEM 4.** PUBLIC COMMENTS AND PERIOD OPEN TO THE PUBLIC: None.

4(a-1) VOLUNTARY PUBLIC ROLL-CALL VIA TELECONFERENCE: Vince **Dino**; John **Ukkestad**; Byron **Glennan**; and **Chad Reed**.

**ITEM 5.** NEW BUSINESS: ITEM(S) FOR CONSIDERATION AND POSSIBLE ACTION:

5(a-1) Accept and File 2020 Annual Water Quality Reports for Los Angeles County and Kern County (Presentation by Laboratory Manager **Wray**). The annual Water Quality Reports can be found on our website for easy customer access. The results are also uploaded to the State Water Resources Control Board (SWRCB) Drinking Water Information Clearing House (DRINC) portal. Highlights of the results included; (1) zero positive routine bacteriological samples from the distribution system; (2) 100% of monthly samples met EPA Turbidity Performance Standards; (3) satisfied EPA Groundwater Rule for minimum chlorine residual leaving the clearwell; and (4) met all state and federal requirements for regulated contaminants in 2020.

ORDERED: On motion by **Sorsabal**, second by **Miller**, to accept and file the 2020 Annual Water Quality Reports for Los Angeles County and Kern County, in compliance with the Safe Drinking Water Act Amendments of 1996, as presented and recommended. **Roll Call Voting: 7-0-0-0; Carried.**

**ITEM 6.** CONSENT CALENDAR – ACTION ITEMS – The public and board shall have an opportunity to comment on any action item(s) on the Consent Calendar as the Consent Calendar is considered collectively by the Board of Directors prior to action being taken.

6(a-1) Approve Minutes of the Regular Board Meeting of February 23, 2021

6(a-2) Accept and file the Check Register Lists from February 27, 2021 through March 12, 2021 (F/C Review – 3/22/21)

6(a-3) Accept and file the Treasurer’s Report for the Month Ending February 28, 2021 (F/C Review – 3/22/21)



6(a-4) Approve Water Supply Fee Deposit Agreements for advance payment of applicable fees (F/C Review – 3/22/21)

**ORDERED:** On motion by **Sorsabal**, second by **Parris**, the four (4) consent calendar items were all approved as presented. **Roll Call Voting: 6-0-0-1; Lane** not present; **Carried.**

**ITEM 7. ITEM(S) FOR CONSIDERATION AND POSSIBLE ACTION**

**a. New Projects Funding Source/Grants Committee (RP/SS/GV) 03/15/21**

7(a-1) Consideration and Possible Action on Townsend Public Affairs Consultant Contract Amendment #3 (General Manager **Chisam**). Eric **O'Connell** of Townsend Public Affairs addressed the board regarding their services and accomplishments, along with a proposed 6-month work plan moving forward. VP/Director **Donato** expressed his concerns regarding our total investment made to date vs. results. Amendment No. 3 provides for extending the Professional Services Agreement from 3/1/21 through 8/31/21; reducing the monthly fee to \$1,000 per month; total contract amount of \$6,000; contract may be cancelled at anytime with 7 days written notice.

**ORDERED:** On motion by **Parris**, second by **Sorsabal**, to approve Amendment No. 3 to the Townsend Public Affairs Professional Services Agreement, extending the term period from 3/1/21 to 8/31/21 and reducing the monthly fee to \$1,000 per month and authorizing the general manager to execute Amendment No. 3 as presented and recommended. **Roll Call Voting: 7-0-0-0; Carried.**

**b. Delta Conveyance Committee ad-hoc (SS/KD/FD) 03/17/21**

7(b-1) Consideration and Possible Action on Sanborn, LLC and Daylight, LLC Access and Utility Easements and Associated Purchase and Sale Agreement for a Solar Facility and Authorize the General Manager to Execute same (Assistant General Manager **Knudson**). AGM **Knudson** referred the directors to Page 100 in the agenda packet for complete details of this discussion. He stated that the Agency was first approached by Terra-Gen regarding this request. Request is for an access and utility easement for a new solar facility near Edwards AFB. Names on the easements will be "Daylight" and "Sanborn." Approval of the easement documents is in addition to a separate Purchase and Sale Agreement (PSA) to cover a one-time payment to the Agency in the net amount of \$216,660. AVEK Agency general counsel has reviewed the proposed easements and PSA. Director **Lane** inquired about future use of the easement if not being used – and would it revert back? AGM **Knudson** said he would confirm with legal on potential future liability exposure. President **Dyas** asked that approval be contingent on an abandonment clause.

**ORDERED:** On motion by **Sorsabal**, second by **Donato**, to approve the proposed Utility Easements and Purchase and Sale Agreement for the granting of Access and Power Line Easements for the solar facility to Terra-Gen, LLC [parent company for Sanborn, LLC and Daylight, LLC]; and authorizing the general manager to execute said Easements and Purchase and Sale Agreement, ensuring that there is an abandonment clause provision in place, as presented and recommended. **Roll Call Voting: 7-0-0-0; Carried.**

7(b-2) Consideration and Possible Action on Accepting Proposal from WestWater Research, LLC for Assisting the Agency with Marketing Surplus Table A Water Supplies and Authorize the General Manager to Execute Professional Services Agreement for same (not-to-exceed \$134,000; Budgeted) (Assistant General Manager **Knudson**). In most years, AVEK water supplies are surplus to AVEK customer demands of approximately 45,000 AF. Consideration is being sought regarding the option to sell/transfer surplus Table A after all local customer demands and water banking goals are achieved, every year with approval of the board. AVEK has received 3 proposals for consulting services. Recommendation is to award a contract to the consulting firm of WestWater Research for the amount not-to-exceed \$134,000, per their proposal reviewed and discussed.

**ORDERED:** On motion by **Sorsabal**, second by **Parris**, to accept the proposal submitted by WestWater Research, LLC for assisting the Agency with marketing surplus Table A water supplies in the not-to-exceed amount of \$134,000 and authorizing the general manager to execute a Professional Services Agreement with WestWater Research, LLC for same as presented and recommended. **Roll Call Voting: 7-0-0-0; Carried.**

**c. Adjudication/Watermaster Committee ad-hoc (RP/FD/GL)**

7(c-1) Provide Guidance to AVEK Representative for Antelope Valley Watermaster Meeting and Agenda of 3/24/21 (Assistant General Manager **Knudson**). AGM **Knudson** discussed the current AV Watermaster agenda for the meeting scheduled for the following day. He discussed transfer applications that were to be discussed, along with moving water from the Westside Water Bank.

**ITEM 8. GENERAL MANAGER'S REPORT ON WATER SUPPLY, PROJECTS, AND PROGRAMS:**

General Manager **Chisam** provided an update on the status of the Agency. The Northern California State Weather Forecast for the next 10 days was provided. Current storage for Lake Oroville Reservoir was reported along with the San Luis Reservoir level. Graphs for the State weather indicate that this is one of the driest years on record thus far.

Water Treatment Plant Water Flow - totals for both conventional and geopurification were reported at 28.6 MGD with conventional treatment at 16.4 MGD and geopurification deliveries at 12.2 MGD. Westside banking recharge was 2 AFD and the Eastside banking facility was OFF; Upper Amargosa Recharge was also OFF. Total current recharge rate was 2 AFD



Water Quality Updates included ELAP accreditation renewed through 2023; THM's remained below AVEK's internal goal of 64ppb; Updating sample siting plans with the SWRCB Division of Drinking Water for AVEK systems; and Annual Water Quality Reports completed.

Operations and Maintenance updates were discussed, including winter plant maintenance projects being completed; Phillips Lab / Rocket Site Pump Station progressing; treatment chemical proposals due by 4/5/21; Miracle Machinery will begin spent coagulant removal at the QHWTP at the end of March.

COVID-19 Response and Compliance Plan reporting – continuing to observe protocols. No new confirmed cases reported.

Upcoming events, conferences and meetings included: AV Watermaster meeting scheduled for 3/24/21 at 10 a.m. The General Manager's schedule for the next two weeks was also stated, with GM vacation the first full week of April.

GM Chisam also announced that the SWP allocation was reduced from 10% to 5%.

**ITEM 9.** **DIRECTORS REPORTS:** There were no reports made by any of the directors.

**ITEM 10.** **ATTORNEY REPORT:** Attorney Markman updated the board on the status of the adjudication Willis Class appeals and that there was more to be discussed on this during closed session.

**ITEM 11.** **REQUEST FOR FUTURE AGENDA ITEMS:** There were none.

**ITEM 12.** **CLOSED SESSION:** General Manager Chisam stated that there was reason to go into closed session for Item No. 12(a) listed as follows:

- a. (YES) Closed Session, Conference with Legal Counsel – Litigation, to which the local agency is a party pursuant to Government Code Section 54956.9(d)(1), three cases: *Diamond Farming Company vs. Palmdale Water District and Bolthouse, Inc. vs. Palmdale Water District and Los Angeles County Waterworks District No. 40 vs. Diamond Farming Company, Et Al*; one case to discuss ongoing Adjudication Principal's Mediation Efforts
- b. (NO) Closed session pursuant to Government Code Section 54956.8  
Conference with Real Property Negotiators

Property: APN's: 3275-021-003, 3275-021-004, 3275-021-008, 3275-021-009, 3275-021-011, 3275-021-015, 3275-021-016, 3275-021-027, 3275-021-028, 3275-021-030, 3275-021-035, 3275-021-038, 3275-021-039, 3275-021-040, and 3275-002-011.

Agency Negotiator: General Manager Dwayne Chisam

Negotiating parties: AVEK and Ariel and Edna Braza, Marco and Estela Segui; Abraham L and Francisca T. Castillo; Mohammadnejat Davoodian, Kobra Sofavi, Bill Chuan, Kelly Yip, Arley Wolf, Gabriel T Fabella, Julia R Fabella, Emmanuel Fabella, Inez Gatmaitan-Fabella, Remedios Balleza, Benigno G Tuazon; Martin Allen Hamilton, Hector Lopez, Maura Lopez, Armando Funes, Ruth Funes; Anthony James Mcgrane, Man Leung Ng, Quang Thanh Su, Ellen Tam Su, Wing Kit Law, Steve B Phui, Nhi M. Vong-Phui; Jumayde N Paayas and Editha T Paayas; Raquel Sisayan LLC; Raquel Sisayan LLC, Steven G Johnson and Stephanie A Johnson; Elizabeth Y Tan, Maria Isabella T Santos, Juan Emanuel T Santos; Frederick C Tochterman and Ceclia C Tochterman, Ya Ping Wang and Chun Hong Wang; Danny C Vidamo and Aida S Vidamo.

Under negotiation: Price and terms of payment for possible purchase

- c. (NO) Closed Session - Conference with Legal Counsel – Existing Litigation, to which the local agency is a party pursuant to Government Code Section 54956.9(d)(1), one case, CV Communities, LLC v. Antelope Valley-East Kern Water Agency, Los Angeles County Superior Court Case No. 20STCV10953.

**ORDERED:** On motion by Parris, second by Sorsabal, the meeting was adjourned to closed session at 6:47 p.m. to hear Item 12(a); **Roll Call Voting: 6-0-0-1; Lane not present; Carried.**

**ORDERED:** On motion by Sorsabal, second by Miller, the meeting was reconvened to open session at 6:53 p.m.; **Roll Call Voting: 6-0-0-1; Lane not present; Carried.**

**ITEM 13.** **CLOSED SESSION ANNOUNCEMENTS:** There were no announcements made as a result of closed session.

**ITEM 14.** **ADJOURN TO A REGULAR BOARD MEETING SCHEDULED FOR TUESDAY, APRIL 13, 2021 AT 5:30 P.M.**

**ORDERED:** On motion by Parris, second by Sorsabal, the meeting was adjourned at 6:55 p.m.; **Roll Call Voting: 6-0-0-1; Lane not present. Carried.**



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Holly Hughes, Board Secretary-Treasurer

**DRAFT**

APPROVED BY THE BOARD OF DIRECTORS:

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Date

President

DRAFT



**RECOMMENDED BOARD ORDER 5(a-3)**

To the Board of Directors

**FOR BOARD ACTION**

**CHECK REGISTER LISTS**

The Board of Directors adopted the following board order on April 13, 2021:

That the check register lists for the period of March 13, 2021 through April 2, 2021, be approved and accepted for filing as presented.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 5(a-3)**

04-13-21

AVEK Water Agency  
 Check List  
 For the Period From March 13, 2021 to April 02, 2021

*REVIEWED*  
 4/8/21  
 m.k.

Check #	Payee	Explanation	Approved By:	Amount
<b><u>DWR CONTRACT &amp; WATER DELIVERIES</u></b>				
1	80150	Department of Water Resources	Monthly Variable O.M.P.&R Charges	Monthly - GM Approved \$ 256,485.00
<b><u>MONTHLY</u></b>				
2	80100	Xerox Financial Services	Copier Lease Charges - Administration #2 Upstairs	Monthly - GM Approved \$ 523.52
3	80105	Southern CA Edison	Electricity/Pumping - Upper Amargosa	Monthly - GM Approved \$ 64.87
4	80106	AnSer formerly: All Access Message Center	Answering Service	Monthly - GM Approved \$ 72.00
5	80107	AT&T	Phone - AWTP	Monthly - GM Approved \$ 172.46
6	80108	Broadvoice Business	VOIP Phones - All Sites	Monthly - GM Approved \$ 1,107.90
7	80109	Canon Financial Services, Inc.	Copier Lease & Printing Charges - Administration #1 Mail Room	Monthly - GM Approved \$ 387.56
8	80112	Frontier Communications	Phone - Administration	Monthly - GM Approved \$ 69.54
9	80114	T-Mobile	Director Communication Device	Monthly - GM Approved \$ 55.00
10	80115	Waste Management of Antelope Valley	Waste Disposal - QHWTP	Monthly - GM Approved \$ 91.45
11	80116	WEX Bank - Enterprise Fleet Management	Gasoline/Diesel - All Sites	Monthly - GM Approved \$ 7,082.21
12	80117	Southern CA Edison	Electricity/Pumping - 320th/EW19/RG1/RG3/WSSP2 Shop	Monthly - GM Approved \$ 6,723.17
13	80118	Southern CA Edison	Electricity/Pumping - BR1/BR2/ES2/ES3/ES4/SNIP PS	Monthly - GM Approved \$ 23,426.35
14	80121	Antelecom, Inc.	Internet Service	Monthly - GM Approved \$ 187.90
15	80122	AT&T	Phone - RWTP	Monthly - GM Approved \$ 219.20
16	80126	Avadine	Latis Software Product License - April 2021	Monthly - BoD Approved Agreement \$ 1,100.00
17	80128	Aramark formerly AmeriPride Uniform Services	Uniforms - All Sites	Monthly - GM Approved \$ 956.82



AVEK Water Agency  
Check List  
For the Period From March 13, 2021 to April 02, 2021

	Check #	Payee	Explanation	Approved By:	Amount
<b>MONTHLY cont.</b>					
18	80134	California Tool & Welding Supply	Equipment Maintenance - RWTP	Monthly - GM Approved	\$ 74.25
19	80136	Coffee Break Service, Inc.	Kitchen Supplies	Monthly - GM Approved	\$ 268.99
20	80142	Federal Express Corporation	Shipping Charges	Monthly - GM Approved	\$ 37.37
21	80148	Hydrex Pest Control, Inc.	Building Maintenance - Administration	Monthly - GM Approved	\$ 329.00
22	80152	Eurofins Eaton Analytical, Inc.	Outside Services - Lab	Monthly - GM Approved	\$ 350.00
23	80159	Wells Fargo Vendor Financial Services - Kyocera Lease	Copier Lease Charges - Administration #1 Old Lab / Administration #2 New Lab	Monthly - GM Approved	\$ 427.80
24	80162	MCI	Long Distance Phone - RWTP	Monthly - GM Approved	\$ 30.24
25	80163	Omidi Enterprises	IT Services	P.O. #21-0087 - GM Approved	\$ 402.50
26	80166	Southern CA Edison	Electricity/Pumping - C5/C8/C9	Monthly - GM Approved	\$ 248.12
27	80167	PFM Asset Management LLC	Managed Account Fees - February 2021	Monthly - GM Approved	\$ 1,974.69
28	80168	Rodrigo Antonio Gracia dba Rodloc Security Systems	Building Maintenance - WWB	Monthly - GM Approved	\$ 180.00
29	80171	Sparkletts	Supplies - Lab	Monthly - GM Approved	\$ 297.32
30	80175	TPx Communications	Fiber Internet Service	Monthly - GM Approved	\$ 1,121.09
31	80178	United Parcel Service	Shipping Charges	Monthly - GM Approved	\$ 22.47
32	80182	Waste Management - Kern County	Waste Disposal - RWTP	Monthly - GM Approved	\$ 185.43
33	80183	Waste Management of Antelope Valley	Waste Disposal - WWB	Monthly - GM Approved	\$ 119.18
34	80184	Waste Management of Antelope Valley	Waste Disposal - EWTP	Monthly - GM Approved	\$ 178.69
35	80185	Waste Management of Antelope Valley	Waste Disposal - QHWTP	Monthly - GM Approved	\$ 192.53

AVEK Water Agency  
Check List  
For the Period From March 13, 2021 to April 02, 2021

	Check #	Payee	Explanation	Approved By:	Amount
<b>BOARD APPROVED</b>					
36	80101	Best Best & Krieger LLP	Professional Services - Through February 2021	Finance Committee 03/22/2021	\$ 2,337.80
37	80102	Brownstein Hyatt Farber Schreck, LLP	Professional Services - Through February 2021	Finance Committee 03/22/2021	\$ 2,391.09
38	80137	Charles P. Crowley Company, Inc.	Fixed Asset BIR20-09 Phillips Lab Rehab	P.O. #20-0293 - BoD Approved	\$ 51,070.80
39	80103	Richards, Watson & Gershon	Professional Services - Through February 2021	Finance Committee 03/22/2021	\$ 29,064.64
40	80104	State Water Contractors Authority	SWC 2021 Dry Year Water Transfer Agreement	BoD Approved Agreement	\$ 25,000.00
41	80111	Core BTS, Inc.	IT Services - February 2021	Monthly - BoD Approved Agreement	\$ 4,500.00
42	80113	Maddox Industrial Transformer, LLC	Fixed Asset EN21-07 Step-Up Transformer AWTP	P.O. #20-0292 - Board Meeting 10/13/2020	\$ 26,629.31
43	80120	Alisha L. Semchuck	Public Information Consultant	BoD Approved Contract	\$ 1,500.00
44	80127	Antelope Valley State Water Cont. Association	USGS 2020/2021 Groundwater Monitoring Program Agreement	BoD Approved Agreement	\$ 29,285.00
45	80147	Homer	In-Ground Transfer of Banked Supplies in the Willow Springs Water Bank to AVEK	BoD Approved Agreement	\$ 380,495.50
46	80151	Eco Services Operations Corp.	Chemicals - Alum	BoD Approved Chemical Budget	\$ 15,668.19
47	80156	JCI Jones Chemicals, Inc.	Chemicals - Sodium Hypochlorite	BoD Approved Chemical Budget	\$ 4,360.79
48	80158	Kennedy/Jenks Consultants	Fixed Asset CP20-10 SNIP Phase II Final Design	BoD Approved Agreement	\$ 31,306.25
49	80158	Kennedy/Jenks Consultants	Fixed Asset CP20-11 RWTP-SNIP Intertie	BoD Approved Agreement	\$ 4,916.25

AVEK Water Agency  
Check List  
For the Period From March 13, 2021 to April 02, 2021

Check #	Payee	Explanation	Approved By:	Amount
<b>BOARD APPROVED cont.</b>				
50	80170	Sites Project Joint Powers Authority	Sites Project Participation Pass-Thru Cost Reimbursed by Tejon	BoD Approved Agreement \$ 19,104.81
51	80186	Water Systems Consulting, Inc.	Professional Services through February 2021 - Urban Water Management Plan	BoD Approved Agreement \$ 14,182.50
<b>GM APPROVED</b>				
<b>Administration</b>				
52	80133	Bohns Printing	Printing Charges	GM Approved \$ 109.50
53	80160	Kyocera Document Solutions West	Copier Charges	GM Approved \$ 9.00
54	80172	Sterling Computer Products	Copier Charges	GM Approved \$ 432.55
55	80180	Vanguard Cleaning Systems	Janitorial Supplies	GM Approved \$ 36.05
<b>Lab</b>				
56	80154	Hach Company	Chemicals/Equipment - Lab	P.O. #21-0080 - GM Approved \$ 3,964.23
57	80173	Thomas Scientific	Glassware/Supplies - Lab	P.O. #21-0053/#21-0081 - GM Approved \$ 805.61
<b>Operations &amp; Maintenance</b>				
58	80110	CARB/PERP	Generator Registration Fees	Annually - GM Approved \$ 1,470.00
59	80119	Airgas USA, LLC	Other Supplies - Maintenance Dept.	GM Approved \$ 215.70
60	80123	AutoZone	Other Supplies - Maintenance Dept.	GM Approved \$ 43.71
61	80124	AV Action Air, Inc.	Fixed Asset BIR20-09 Phillips Lab Rehab	P.O. #20-0321 - GM Approved \$ 9,400.00
62	80124	AV Action Air, Inc.	Fixed Asset EN21-03 AC Unit Install MTF	P.O. #20-0325 - GM Approved \$ 10,400.00
63	80125	AV Battery Mart	Equipment Maintenance - EW23/EW24	GM Approved \$ 218.96
64	80129	Bernard D. Clarke dba Backflow Prevention Device	Equipment Maintenance - LV Feeder/S. Feeder	GM Approved \$ 917.46
65	80130	Bakersfield Electric Motor Repair Inc.	Equipment Maintenance - LVPS	P.O. #21-0060 - GM Approved \$ 1,333.99

AVEK Water Agency  
Check List  
For the Period From March 13, 2021 to April 02, 2021

Check #	Payee	Explanation	Approved By:	Amount
<b>GM APPROVED cont.</b>				
66	80130	Bakersfield Electric Motor Repair Inc.	Equipment Maintenance - LVPS/MPS/CFPS/SNIP PS	P.O. #21-0070 - GM Approved \$ 545.58
67	80131	James Bernardi	Education Reimbursement - D2/T3 License Renewal - Per BoD Approved Policy	GM Approved \$ 200.00
68	80132	Bill's Landscaping, Inc.	Landscape Repairs - QHWTP	GM Approved \$ 135.00
69	80135	Coast Compressor Company	Equipment Maintenance - EWTP/QHWTP/RWTP	P.O. #21-0069 - GM Approved \$ 6,326.54
70	80138	Desert Industrial Supply	Equipment Maintenance - QHWTP/WWB	GM Approved \$ 791.85
71	80139	Consolidated Electrical Dist.	Fixed Asset EN21-03 AC Unit Install MTF	GM Approved \$ 252.89
72	80139	Consolidated Electrical Dist.	Fixed Asset EN21-03 AC Unit Install MTF	GM Approved \$ 43.99
73	80139	Consolidated Electrical Dist.	HVAC Maintenance - Admin2	GM Approved \$ 103.78
74	80139	Consolidated Electrical Dist.	Equipment Maintenance - C8/C9	GM Approved \$ 14.46
75	80139	Consolidated Electrical Dist.	Equipment Maintenance - WWB	GM Approved \$ 107.20
76	80139	Consolidated Electrical Dist.	Equipment Maintenance - WWB	GM Approved \$ 68.99
77	80140	Linda Beggs dba Desert Lock Company	Fixed Asset Door Lock Replacement QHWTP	P.O. #21-0044 - GM Approved \$ 11,670.20
78	80141	Dig Safe Board c/o Underground Service	Underground Services	GM Approved \$ 26.71
79	80143	FPS	Equipment Maintenance - QHWTP/RWTP	P.O. #20-0118 - GM Approved \$ 1,950.00
80	80144	Get Hooked Crane Service	Fixed Asset EN21-07 Step-Up Transformer AWTP	P.O. #21-0078 - GM Approved \$ 956.50
81	80145	Harbor Freight Tools	Building Maintenance - WWB	GM Approved \$ 153.29



AVEK Water Agency  
Check List  
For the Period From March 13, 2021 to April 02, 2021

	Check #	Payee	Explanation	Approved By:	Amount
<b>GM APPROVED cont.</b>					
82	80146	Paul Hickman	Education Reimbursement - Water Treatment Exam Preparation - Per BoD Approved Policy	GM Approved	\$ 499.98
83	80149	Karl's Hardware Boron	Other Supplies - Maintenance Dept.	GM Approved	\$ 22.49
84	80153	Grainger	Equipment Maintenance - EWTP	GM Approved	\$ 262.25
85	80153	Grainger	Small Tools - Maintenance Dept.	P.O. #21-0068 - GM Approved	\$ 1,900.85
86	80153	Grainger	Equipment Maintenance - EWTP	P.O. #21-0067 - GM Approved	\$ 129.21
87	80153	Grainger	Fixed Asset EN21-09 Large Tools	P.O. #21-0052 - GM Approved	\$ 797.12
88	80153	Grainger	Equipment Maintenance - QHWTP	P.O. #21-0074 - GM Approved	\$ 1,573.04
89	80154	Hach Company	Fixed Asset ER21-22 Replace Two CCB Chlorine Analyzers	P.O. #21-0017 - GM Approved	\$ 4,171.96
90	80155	Core & Main LP	Equipment Maintenance - WWB	P.O. #21-0034 - GM Approved	\$ 514.35
91	80155	Core & Main LP	Fixed Asset BIR21-08 FPL Turnout Rehab	P.O. #21-0057 - GM Approved	\$ 17,250.83
92	80155	Core & Main LP	Equipment Maintenance - RWTP	P.O. #21-0046 - GM Approved	\$ 955.78
93	80155	Core & Main LP	Fixed Asset BIR21-08 FPL Turnout Rehab	P.O. #21-0063 - GM Approved	\$ 2,957.99
94	80155	Core & Main LP	Equipment Maintenance - QHWTP	GM Approved	\$ 44.76
95	80157	Karls Hardware, Inc.	Equipment Maintenance - Phillips Lab	GM Approved	\$ 131.87
96	80161	Leslie's Poolmart, Inc.	Chemicals - Sodium Hypochlorite	GM Approved	\$ 104.94
97	80164	Patton Sales Corp.	Fixed Asset ER21-11 Replace EWTP NTU Meters	GM Approved	\$ 190.23

AVEK Water Agency  
Check List  
For the Period From March 13, 2021 to April 02, 2021

	Check #	Payee	Explanation	Approved By:	Amount
<b>GM APPROVED cont.</b>					
98	80165	R & B Automation, Inc.	Fixed Asset BIR21-12 Leona Valley Feeder Mainline Valve Actuator Replacement	P.O. #21-0016 - GM Approved	\$ 13,790.18
99	80165	R & B Automation, Inc.	Fixed Asset ER21-19 Fairmont Slide Gate Repair	P.O. #20-0278 - GM Approved	\$ 7,110.00
100	80165	R & B Automation, Inc.	Fixed Asset EN21-02 Automate WWR Valve RWTP	P.O. #20-0310 - GM Approved	\$ 3,347.50
101	80165	R & B Automation, Inc.	Fixed Asset ER21-12 Replace Two Filter EFF Valves EWTP	P.O. #20-0309 - GM Approved	\$ 6,300.00
102	80165	R & B Automation, Inc.	Fixed Asset ER21-09 Replace Two Filter EFF Valves RWTP	P.O. #20-0308 - GM Approved	\$ 21,989.10
103	80169	RSI Petroleum Products	Diesel - WWB	GM Approved	\$ 1,300.28
104	80174	The Tire Store	Legacy Vehicle Maintenance - Vehicle #24/WWB	GM Approved	\$ 15.00
105	80176	Underground Service Alert/SC	Underground Services	GM Approved	\$ 80.95
106	80177	Universal Electronic Alarms, Inc.	Equipment Maintenance - Admin2	P.O. #20-0337 - GM Approved	\$ 3,481.00
107	80177	Universal Electronic Alarms, Inc.	Equipment Maintenance - Admin3	P.O.#21-0013 - GM Approved	\$ 685.00
108	80179	USA Blue Book	Small Pumps - QHWTP	P.O. #21-0030/#21-0079 - GM Approved	\$ 1,546.83
109	80181	Wade Shorrock	Mileage Reimbursement - WWB	GM Approved	\$ 40.32
110	80187	Zee Medical Service Co.	Safety Supplies - RWTP	GM Approved	\$ 83.56
	Total				\$ 1,090,958.66

AVEK Water Agency  
 Check List  
 For the Period From March 13, 2021 to April 02, 2021  
 High Desert Water Bank Enterprise Fund Account

REVIEWED  
 4/8/21  
 m-x

Check #	Payee	Explanation	Approved By:	Amount
1162	ADT Security Services - HDWB	Building Security Service - HDWB Billing Period: 03/25/2021 to 04/24/2021	Monthly - GM Approved	\$ 51.99
1163	Hughes Network Systems, LLC	Internet - HDWB	Monthly - GM Approved	\$ 92.70
1164	Southern CA Edison	Electricity/Pumping - HDWB CW1	Monthly - GM Approved	\$ 605.74
1165	Waste Management of Antelope Valley	Waste Disposal - HDWB	Monthly - GM Approved	\$ 72.07
Total				\$ 822.50

AVEK Water Agency  
 Check Register  
 For the Period From March 13, 2021 to April 02, 2021  
 High Desert Water Bank Capital Program Account - MET

REVIEWED  
 4/8/21  
 M.X

Check #	Payee	Explanation	Approved By:	Amount
1072	Murphy & Evertz	HDWB Professional Services - February 2021	Finance Committee 03/22/2021	\$ 10,064.47
1073	Kennedy/Jenks Consultants	HDWB Professional Services - Thru February 26, 2021	BoD Approved Agreement	\$ 20,706.65
Check 1074 Voided Due to Printing Error - Reissued on Check 1075				
1075	Pacific Coast Well Drilling	Progress Pay #2 - HDWB Pilot Recovery Well Drilling	BoD Approved Agreement	\$ 281,580.00
Total				\$ 312,351.12



**RECOMMENDED BOARD ORDER 5(a-4)**

To the Board of Directors

**FOR BOARD ACTION**

**AGENCY MIONTHLY ACTIVITIES REPORT – MARCH 2021**

The Board of Directors adopted the following board order on April 13, 2021:

To accept and file the Agency Monthly Activities Report for the month ending March 31, 2021, as presented and recommended.

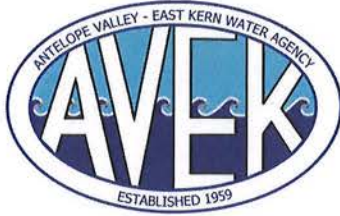
Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 5(a-4)**

04-13-21



# March 2021 Activities Report

Antelope Valley-East Kern Water Agency

**Date:** 4/6/2021 *m.k.*  
**To:** Board of Directors  
**From:** Dwayne Chisam, General Manager  
**Re:** March 2021 Activities Report

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## Summary

The following is a report to the Board of Directors of activities through March 2021. It is organized in alignment with AVEK's 5-Year Strategic Plan Goals. The purpose is to provide regular, general updates of activities that are specific to key objectives on a monthly basis. A Summary of activities for March 2021 is provided below.

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### Groundwater Basin Stewardship

- Continued with land acquisition for the High Desert Water Bank (HDWB)
- Presented and provided status update on Engineering, Field Work, and Construction for HDWB
- Began drilling the first of four pilot recovery wells and the monitoring well for HDWB
- Conducted zone sampling for the pilot hole for the first recovery well at HDWB
- Finalizing draft geotechnical report for HDWB
- Submitted final Master Plan Site Layout and Conveyance Facilities Technical Memoranda for HDWB
- Held a teleconference with Department of Water Resources (DWR) to discuss coordination of proposed new turnout for HDWB



### Water Reliability

- Prepared stakeholder list and outreach materials for the formation of a Local Hazard Mitigation Plan (LHMP) Public Advisory Committee (PAC)
- Conducted testing on Phillips Lab / Rocket Site Pump Station and continued hypochlorite installation
- Identified Capital Improvement projects for the 2021-2022 fiscal budget
- Installed a 480 to 4160 volt step-up transformer at the Acton Pump Station
- Began spent coagulant removal at the Quartz Hill Water Treatment Plant (QHWTP)
- Filed Notice of Completion (NOC) for the Rehabilitation of Six (6) Agency Turnouts
- Developing the 2020 Urban Water Management Plan (UWMP)



### Water Quality

- Renewal of Environmental Laboratory Accreditation Program (ELAP) through 2023
- Updating sample siting plans with the State Water Resources Control Board (SWRCB) Division of Drinking Water for AVEK systems
- Completed and presented Annual Water Quality Reports for Los Angeles County and Kern County
- Maintained THM's below the internal goal of 64 ppb
- Maintained all state and federal water quality standards
- Received first quarter THM compliance sampling results



### Financial Integrity

- Approved Water Supply Fee Deposit Agreements for advance payment of applicable fees
- Delivered the Treasurer's Report for month ending February 28, 2021
- Approved a contract with WestWater Research, LLC to assist with marketing the Agency's surplus Table A water supplies
- Completed a purchase and sale agreement with Sanborn, LLC and Daylight, LLC for access and utility easements for a solar facility
- Extended a contract with Townsend Public Affairs to provide legislative advocacy on behalf of the Agency



### Human Resources Stewardship

- Continued to implement COVID-19 protocols
- Facilitated AB1234 ethics training recertification for 2 Directors and Staff



### Communications

- Distributed Press Release announcing the Division 4 Director appointment
- Delivered the Monthly Activities Report for February 2021
- Completed the Draft 2020 Annual Report
- Completed the Q1 2021 Employee Newsletter
- Posted a notice inviting bids for the Westside Water Bank Recharge Pipeline Project
- Provided a Letter to Palmdale Water District (PWD) in support of their WaterSMART grant application to the Bureau of Reclamation
- Renewed a Professional Services Agreement with technical writer Alisha Semchuck
- Met with Staff from the California Foundation on the Environment and the Economy (CFEE) to plan a hosted event and tour of AVEK facilities
- Engaged with State Water Contractors (SWC) on relevant topics

## Recap of Agenda Items

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### Board Approved Agenda Items in March 2021

- Appointment to fill vacancy for Division 4 of the Board of Directors
- Minutes of the Regular Board Meetings of January 26, 2021, February 9, 2021, and February 23, 2021
- Check Register Lists covering the period from February 13, 2021 through March 12, 2021
- Treasurer's Report for the month ending February 28, 2021
- Water Supply Fee Deposit Agreements for advance payment of applicable fees
- Monthly Activities Report for February, 2021
- Filed NOC for the Rehabilitation of 6 Agency Turnouts
- Press release announcing Division 4 Director appointment
- Purchase order with Miracle Machinery for the removal of spent coagulant from the QHWTP
- Renewal of Professional Services Agreement with technical writer Alisha Semchuck
- Annual Water Quality Reports for Los Angeles County and Kern County
- Contract Amendment with consultant Townsend Public Affairs
- Sanborn, LLC and Daylight, LLC access and utility easements and associated Purchase and Sale Agreement for a solar facility
- Proposal from WestWater Research, LLC for assisting the Agency with marketing its surplus Table A water supplies
- Guidance to AVEK representative for AV Watermaster Meeting and Agenda of 3/24/21

### Items in progress in March 2021 (Committee Reviewed and / or Recommended)

- SWC Energy Committee updates on Assembly Bill 49 and Energy Roadmap
- Valley Water Term Sheet for pilot water banking program
- Boron Community Services District (CSD) Wheeling Agreement

### Upcoming and Future Items for Board Consideration

- Westside Water Bank (WWB) Underground Piping Construction and Construction Management Contracts
- Purchase order to replace backwash pump at QHTWP and motor and central feed pump at Rosamond Water Treatment Plant (RWTP)
- Draft 2020 Annual Report
- Draft 1<sup>st</sup> Quarter 2021 Customer Newsletter
- Press release announcing insurance premium refund check received from JPIA
- Mercury Public Affairs proposal for Agency redistricting
- UWMP
- Holman Capital Presentation
- Water System Master Plan
- Strategic Plan updates
- Compensation Study
- Water Service Agreements
- Repair of 60" Farimont Turnout
- Approval of treatment chemical suppliers for 2021/2022 fiscal year

**RECOMMENDED BOARD ORDER 6(a-1)**

To the Board of Directors

**FOR BOARD ACTION**

**APPROVE PURCHASE ORDER w/ FARM PUMP & IRRIGATION  
NTE 108,177.51 to REBUILD QHWTP BACKWASH PUMP #1  
AND ROSAMOND WTP CENTRAL FEED PUMP #4**

The Board of Directors adopted the following board order on April 13,  
2021:

To approve the proposals received from Farm Pump and Irrigation to  
rebuild QHWTP Backwash Pump #1 and Rosamond WTP central pump #4  
for an amount not-to-exceed \$108,177.51, as presented and recommended.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 6(a-1)**

04-13-21





# STAFF REPORT

To: Board of Directors

Date: March 23, 2021

From: Dwayne Chisam, General Manager

Prepared By: Jon Bozigian, Operations Manager

Reviewed By: Matthew Knudson, AGM *m.k.*

Subject: Capital Projects ER21-01 & ER21-08

Meeting Dates: April 12, 2021 (Finance) April 13, 2021 (Board) Attachment(s):  YES  NO

## Recommendation:

Staff is requesting that the Board approve the proposals received from Farm Pump & Irrigation to rebuild:

- Quartz Hill #1 Backwash Pump (Capital Project ER21-01)
- Rosamond #4 Central Feeder Pump (Capital Project ER21-08)

## Background:

The 2020/2021 Capital Project budget included rebuilding both of these pumps and motors that were originally installed 40+ years ago. RFP's (which included cut sheets and scope of work narrative) were sent to four pump companies. Staff ultimately received two proposals:

- **Farm Pump & Irrigation: ER21-01 @ \$48,721.82 / ER21-08 @ \$59,455.69**
- Bakersfield Well & Pump: ER21-01 @ \$68,638.00 / ER21-08 @ \$75,000.00
- Best Drilling & Pump: Quote to pull and inspect only. N/A
- Precision Hydro: Quote to pull and inspect only. N/A

## Budget Breakdown:

The approved Capital Budget for these projects are as follows:

- ER21-01: \$110,000.00
- ER21-08: \$70,000.00
- Total: \$180,000.00
- **Under-Budget amount: \$71,822.00**

## Supporting Documents

- Farm Pump & Irrigation Proposal
- Bakersfield Well & Pump Proposal
- Cost Analysis Spreadsheet



Farm Pump and Irrigation Co.  
 535 N. Shafter Avenue  
 P.O. Box 1477  
 Shafter, California 93263  
 Office: 661-746-3376  
 Fax: 661-746-1510

Date: 2.18.2021  
 Salesman:  
 Job No.: ESTIMATE  
 Well No.:  
 Location: ROSAMOND PLANT  
 CENTRAL FEEDER PUMP #4

Customer: ANTELOPE VALLEY - EAST KERN WATER AGENCY  
 Mailing Address:

Well Dia.: _____ in.	Pump Setting: _____ 22 ft.	Motor Efficiency: _____ 93 %
SWL: _____ ft.	Total Head: _____ 414 ft.	Wire to Water Efficiency: _____ 78.12 %
Draw Down: _____ ft.	Capacity: _____ 3500 GPM	Pump Speed: _____ 1770 RPM
Pumping Level: _____ ft.	Bowl Efficiency: _____ 85 %	
AGH: _____ ft.	Lab Horsepower: _____ 430.48 HP	Volts: _____ V
Pipeline Losses: _____ ft.	Shaft HP Loss: _____ 3 HP	Phase: _____
Field Head: _____ ft.	Field BHP: _____ 433.48 HP	Thrust Capacity: _____ Lbs.
Column Losses: _____ 2 ft.	Field Eff: _____ 84.00 %	Thrust Load: _____ Lbs.

DESCRIPTION		PRICE
1	LOT WATER LUBRICATED LINE SHAFT BEARINGS REPAIR MATERIALS	\$377.78
2	REPLACEMENT SS LINE SHAFTS	\$1,777.78
1	FLOWSERVE 3 STAGE 18EKH BOWL ASSEMBLY	\$17,624.62
1	SET PACKING BOX REPAIR MATERIALS	\$544.44
1	LOT MOTOR REPAIR MATERIALS (SIGHT GLASSES AND SYNTHETIC OIL)	\$509.23
1	SET MOTOR BEARINGS	\$6,389.23
15'	12" (2 PIECES, .330 WALL) THREADED COLUMN ASSEMBLIES COATED AND LINED WITH EPOXY	\$5,469.23
1	LOT ESTIMATED FREIGHT AND MATERIALS TO COMPLETE INSTALLATION	\$714.29
<b>OUTSIDE LABOR/SERVICES:</b>		
	MOTOR SHOP TO DISASSEMBLE, CLEAN, CHECK AND REASSEMBLE MOTOR WITH NEW BEARINGS	\$6,670.30
<b>FPI LABOR:</b>		
	MACHINING TIME	
	SHOP LABOR FOR ASSEMBLY, CLEANING AND REASSEMBLY	
	FIELD LABOR FOR REMOVAL AND INSTALLATION	
<b>NOTE: ELECTRICAL DISCONNECT AND RECONNECT TO BE DONE BY AVEK PERSONNEL.</b>		
Materials & Outside Services Total:		\$40,076.89
7.25% Sales Tax:		\$2,421.98
Labor:		\$16,956.82
Net Total:		\$59,455.69





Farm Pump and Irrigation Co.  
 535 N. Shafter Avenue  
 P.O. Box 1477  
 Shafter, California 93263  
 Office: 661-746-3376  
 Fax: 661-746-1510

Date: 2.17.2021  
 Salesman:  
 Job No.: ESTIMATE  
 Well No.:  
 Location: QUARTZ HILL PLANT  
 BACKWASH BOOSTER REPAIR ESTIMATE

Customer: ANTELOPE VALLEY - EAST KERN WATER AGENCY  
 Mailing Address:

# ESTIMATE

Well Dia.: _____ in.	Pump Setting: _____ 27 ft.	Motor Efficiency: _____ 91 %
SWL: _____ ft.	Total Head: _____ 58 ft.	Wire to Water Efficiency: _____ 69.79 %
Draw Down: _____ ft.	Capacity: _____ 5200 GPM	Pump Speed: _____ 1770 RPM
Pumping Level: _____ ft.	Bowl Efficiency: _____ 82 %	Volts: _____ V
AGH: _____ ft.	Lab Horsepower: _____ 92.88 HP	Phase: _____
Pipeline Losses: _____ ft.	Shaft HP Loss: _____ 3 HP	Thrust Capacity: _____ Lbs.
Field Head: _____ ft.	Field BHP: _____ 95.88 HP	Thrust Load: _____ Lbs.
Column Losses: _____ 2 ft.	Field Eff: _____ 76.70 %	

DESCRIPTION	PRICE
1 LOT WATER LUBRICATED LINE SHAFT BEARINGS REPAIR MATERIALS	\$555.56
2 REPLACEMENT SS LINE SHAFTS	\$1,777.78
1 FLOWSERVE SINGLE STAGE 20ENL BOWL ASSEMBLY WITH SS IMPELLER	\$18,016.92
1 SET PACKING BOX REPAIR MATERIALS	\$544.44
1 LOT MOTOR REPAIR MATERIALS (SIGHT GLASSES AND SYNTHETIC OIL)	\$130.77
1 SET MOTOR BEARINGS	\$1,283.08
15' 16" (2 PIECES, .330 WALL) THREADED COLUMN ASSEMBLIES COATED AND LINED WITH FUSION BONDED EPOXY	\$7,010.77
<b>OUTSIDE LABOR/SERVICES:</b>	
MOTOR SHOP TO DISASSEMBLE, CLEAN, CHECK AND REASSEMBLE MOTOR WITH NEW BEARINGS	\$1,352.00
<b>FPI LABOR:</b>	
MACHINING TIME	
SHOP LABOR FOR ASSEMBLY, CLEANING AND REASSEMBLY	
FIELD LABOR FOR REMOVAL AND INSTALLATION	
<b>NOTE: ELECTRICAL DISCONNECT AND RECONNECT TO BE DONE BY AVEK PERSONNEL.</b>	
Materials & Outside Services Total:	\$30,671.32
7.25% Sales Tax:	\$2,213.69
Labor:	\$15,836.82
<b>Net Total:</b>	<b>\$48,721.82</b>

**Bakersfield Well & Pump Co.**

7212 Fruitvale Avenue  
Bakersfield, CA 93308

To: Antelope Valley-East Kern Water Agency

Quote #1

AVEK

Quote Date:

16-Mar-21

**QUOTE**

Jon Bozigian

Pre-Job Meeting:

661 816-3453

**Job Description:**

**VTB Pumps Repairs**

Item #	Bid Item Description	Qty	Units	Unit Bid Price	Qty This Period	Period Total	Qty to Date	Total to Date
	<b>Quartz Hill Backwash Pump - 480volt</b>							
1	Travel, Hydro-crane remove 100hp VTB pump	1	LS	\$ 5,600.00	1	\$ 5,600.00	1	\$ 5,600.00
2	Shop- disassemble for inspection & provide report	1	LS	\$ 1,200.00	1	\$ 1,200.00	1	\$ 1,200.00
3	Pressure wash, wire-brush & clean reusable pump components	1	LS	\$ 1,500.00	1	\$ 1,500.00	1	\$ 1,500.00
4	Flowsolve Pumps 20EPL-2 stage bowl assembly 5,200gpm @ 58' tdh, 1185rpm	1	Ea	\$ 39,022.00	1	\$ 39,022.00	1	\$ 39,022.00
5	New shaft bearings	1	Ea	\$ 2,637.00	1	\$ 2,637.00	1	\$ 2,637.00
6	100hp GE, 460v/60Hz/3ph, 1175rpm, VHS - Frame #6287P20 - S/N LMJ1117383 - <b>Motor Repair.</b>	1	Ea	\$ 3,879.00	1	\$ 3,879.00	1	\$ 3,879.00
7	Shop - reassemble VTB pump and paint	1	LS	\$ 1,800.00	1	\$ 1,800.00	1	\$ 1,800.00
8	Misc: SS nuts & bolts, adaptations, headshaft, paint	1	LS	\$ 5,500.00	1	\$ 5,500.00	1	\$ 5,500.00
9	Travel, reinstall VTB pump & startup	1	LS	\$ 7,500.00	1	\$ 7,500.00	1	\$ 7,500.00
								\$ 68,638.00
	<b>Rosamond Central Feeder Pump (4160v)</b>							
10	Travel, Hydro-crane remove 450hp VTB pump	1	LS	\$ 6,400.00	1	\$ 6,400.00	1	\$ 6,400.00
11	Shop- disassemble for inspection & provide report	1	LS	\$ 1,200.00	1	\$ 1,200.00	1	\$ 1,200.00
12	Pressure wash, wire-brush & clean reusable pump components	1	LS	\$ 1,500.00	1	\$ 1,500.00	1	\$ 1,500.00
13	National Pump H16MC-5 stage bowl assembly 3,500gpm @ 412' tdh, 1770 rpm	1	Ea	\$ 21,750.00	1	\$ 21,750.00	1	\$ 21,750.00
14	New shaft bearings	1	Ea	\$ 1,500.00	1	\$ 1,500.00	1	\$ 1,500.00
15	New epoxy lined and coated flanged column pipe	1	Ea	\$ 11,820.00	1	\$ 11,820.00	1	\$ 11,820.00
16	450hp GE, 4160v/60Hz/3ph, 1770rpm, VHS - Frame #6326P24 - S/N 77-2500-9 - <b>Motor Repair</b>	1		\$ 14,430.00	1	\$ 14,430.00	1	\$ 14,430.00
17	Shop - reassemble VTB pump and paint	1	LS	\$ 2,400.00	1	\$ 2,400.00	1	\$ 2,400.00
18	Misc: SS nuts & bolts, adaptations, headshaft, paint	1	LS	\$ 6,500.00	1	\$ 6,500.00	1	\$ 6,500.00
19	Travel, reinstall VTB pump & startup	1	LS	\$ 7,500.00	1	\$ 7,500.00	1	\$ 7,500.00
								\$ 75,000.00
	<b>Rosamond S.N.I.P. Pump</b>							
20	Travel, Hydro -crane remove 800hp VTB pump - building roof hatch	1	LS	\$ 7,500.00	1	\$ 7,500.00	1	\$ 7,500.00
21	Shop- disassemble for inspection, submit report & repairs estimate.	1	LS	\$ 1,500.00	1	\$ 1,500.00	1	\$ 1,500.00

**TOTALS**

**\$ 152,638.00**

**\$ 152,638.00**

Prepared By: \_\_\_\_\_  
Kirk Mckindley Date

Signed By: \_\_\_\_\_  
John C. Zimmerer Date

Approved By: \_\_\_\_\_  
Date

**Capital Project ER21-01 (Quartz Hill #1 Backwash Pump) Budgeted: \$110,000**

Farm Pump & Irrigation	\$48,721.82
Bakersfield Well & Pump	\$68,638.00

**Capital Project ER21-08 (Rosamond #4 Central Feed Pump) Budgeted: \$70,000**

Farm Pump & Irrigation	\$59,455.69
Bakersfield Well & Pump	\$75,000.00



**RECOMMENDED BOARD ORDER 6(a-2)**

To the Board of Directors

**FOR BOARD ACTION**

**APPROVE PURCHASE ORDER WITH R&B AUTOMATION  
NTE \$39,856.65 FOR SLIDE GATE REPAIR**

The Board of Directors adopted the following board order on April 13, 2021:

To approve the proposal received from R&B Automation in the not-to-exceed amount of \$39,856.65 for the Fairmont 60" slide gate repair and actuator replacement , as presented and recommended.

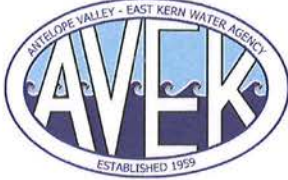
Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 6(a-2)**

04-13-21



# STAFF REPORT

To: Board of Directors

Date: March 29, 2021

From: Dwayne Chisam, General Manager

Prepared By: Jon Bozigian, Operations Manager

Reviewed By: Matthew Knudson, AGM *m.k.*

Subject: Capital Project ER21-19

Meeting Dates: April 12, 2021 (Finance) April 13, 2021 (Board) Attachment(s):  YES  NO

## Recommendation:

Staff is requesting that the Board approve the proposal received from R&B Automation in the amount of \$39,856.65 for the following:

- Fairmont 60” slide gate repair and actuator replacement (Capital Project ER21-19).

## Background:

The 2020/2021 Capital Project budget included the repair of the 60” slide gate located on the California Aqueduct at 170<sup>th</sup> Street West, (Capital Project ER21-19). This gate has fallen into disrepair and will not seal adequately when closed. R&B Automation fabricated ‘stop-logs’ out of galvanized steel to be placed upstream of the slide gate. This enabled them to expose the broken parts that will need to be machined and replaced. The inoperative valve actuator (installed in 1975) will be replaced with a new AUMA unit. (Note that R&B Automation is the West Coast distributor for these actuators). This project would be considered ‘sole source/proprietary’ in accordance with the Agency Purchasing Policy.

The Capital Project budget also includes replacement of the 60” valve located 200 ft. downstream of the slide gate, (Capital Project ER21-18).

## Budget Breakdown:

The approved Capital Budget for these projects are as follows:

- ER21-19: \$50,000
- ER21-18: \$120,000
- R&B Automation Proposal: \$39,856.65
- Previous expenditures against this project (‘stop-log’ fabrication and installation): \$25,540.00.
- **Total budgeted: \$170,000.00**
- **Total charged against these projects thus far, including current proposal: \$65,396.65.**
- **Anticipated cost to complete Project ER21-18: \$40,000.**

## Supporting Documents

- R&B Automation Proposal



**R&B Automation, Inc.**  
 PO Box 892470  
 Temecula, CA 92589-2470  
 CSLB No. 958126  
 Phone Number: 951-693-0170  
 Fax Number: 951-693-0190

# Quote

Date	Quote Number
3/26/2021	7110

Terms	RBA Project No.
Net 30	

**Name / Address**

Antelope Valley-East Kern Water Agency  
 6500 W. Avenue N.  
 Palmdale, CA 93551

FOB	Delivery
Temecula	Complete

Description	Qty	Cost	Total
Attention: Jon Bozigian Project: Fairmont Repair / Install of new equipment  Materials needed to replace and repair existing gate valve structure at Fairmont Facility. Includes actuator, floor stands, SS enclosure, covers stem & stem nuts.  Field Service labor to repair existing valve structure at the Fairmont Facility. This includes removal of old actuator equipment and replacing with all new. Attempt of repair on customers frozen gate will be done during this time.	1	20,691.00	20,691.00T
	1	17,200.00	17,200.00

	<b>Subtotal</b>	\$37,891.00
	<b>Sales Tax (9.5%)</b>	\$1,965.65
	<b>Total</b>	<b>\$39,856.65</b>

We are pleased to submit our quotation covering the items above. If we can be of further assistance, please do not hesitate to call upon us. \*\*\*This quote is valid for 30 days\*\*\*





**RECOMMENDED BOARD ORDER 6(b-1)**

To the Board of Directors

**FOR BOARD ACTION**

**APPROVE TERM SHEET WITH SANTA CLARA VALLEY WATER DISTRICT FOR SHORT-TERM WATER PILOT WATER BANKING PROGRAM**

The Board of Directors adopted the following board order on April 13, 2021:

To approve a term sheet for short-term pilot water banking program between AVEK and Santa Clara Valley Water District (“Valley Water”) for up to \$15,000 Acre-Feet of banked/stored imported SWP water; and authorize the Agency general manager to execute agreements necessary to fulfill terms of the attached term sheet, as presented and recommended.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 6(b-1)**

04-13-21



# STAFF REPORT

To: Board of Directors

Date: April 6, 2021

From: Dwayne Chisam, General Manager

Prepared By: Matthew Knudson, Assistant GM *m.k.*

Subject: Consideration and possible action on term sheet with Santa Clara Valley Water District for Short-Term Pilot Water Banking Program

Meeting Date: April 13, 2021    Agenda Items: 6 (b-1)    Attachment(s):  YES     NO

## **Recommendations:**

The Delta Conveyance & Negotiations Committee and staff recommend the Board approve the following:

1. Term Sheet for short-term pilot water banking program between AVEK and Santa Clara Valley Water District (Valley Water), for up to 15,000 Acre-Ft of banked/stored imported SWP water; and
2. Authorize the Agency General Manager to execute agreements necessary to fulfill terms of the attached Term Sheet.

## **Background:**

Valley Water and AVEK are interested in developing a long-term water banking program that will provide water reliability benefits to Valley Water and revenue to AVEK. The long-term program will be structured utilizing the AVEK/MWD model developed for the High Desert Water Bank. As an interim step toward developing a long-term program, the parties believe it prudent to implement a relatively small and short-term pilot program. The objective of the pilot program is to demonstrate the feasibility of storing Valley Water's State Water Project (SWP) supplies in AVEK's facilities and returning water to Valley Water via an exchange.

The attached term sheet is not, nor is it intended to be, a binding contract between Valley Water and AVEK. Rather, the term sheet is intended to form the basis and establish the material terms for a more detailed agreement between the parties which will be drafted for signature upon mutual agreement of the necessary additional terms.

Under the proposed short-term pilot water banking program, AVEK will store up to 15,000 acre-feet of Valley Water's SWP Table A water for a term of up to five years. The water will be stored in AVEK's existing water banking facilities on an as-requested, as-available basis. Water will be delivered to AVEK through the East Branch of the California Aqueduct. Within five-years, AVEK will return 13,500 acre-feet (to account for the 10% loss/leave behind) to Valley Water via an exchange.

## **Financial Impact:**

- ~\$3,000,000 in avoided expense to AVEK (SWP Variable Delivery Charges paid by Valley for water delivered to AVEK for Banking). AVEK will take ownership of the banked/stored water upon returning 13,500 acre-feet to Valley Water via and exchange.
- Valley Water will pay \$100 per AF (2020 dollars/CPI escalated) to AVEK for the water returned to Valley Water (\$100/AF)(13,500 AF) = \$1,350,000 revenue for AVEK.

**Strategic Plan Element:**

This transfer will assist AVEK in meeting the following Strategic Plan Goals and Objectives:

- Goal 2 – Water Reliability
- Goal 3 – Financial Integrity

**Supporting Documents:**

- Proposed Term Sheet between AVEK and Valley Water District

**Proposed Short-Term Pilot Water Banking Agreement Terms**  
AVEK – Valley Water

April 2021

Pilot Program Parameters

- Program Objective: Demonstrate the feasibility of storing Valley Water’s SWP supplies in AVEK’s facilities and returning stored water to Valley Water.
- Total Storage: One-time storage of up to 15,000 AF of Valley Water’s SWP supplies.
- Storage Losses: 10 percent (one-time).
- Annual Recovery: Up to 13,500 AF during the Agreement Term until all of Valley Water’s stored water has been returned.
- Valley Water and AVEK will also enter into an agreement with DWR to provide for exchange of VW’s banked water for SWP Project Water.

Term of Banking Agreement

- Agreement Term: Begins upon mutual execution of definitive agreements, and concludes on December 31 of the fifth full calendar year thereafter.
- Automatic Term Extension: If Valley Water has requested return of stored water and AVEK has been unable to meet Valley Water’s requests, the Agreement Term will automatically extend until AVEK has returned all stored water that Valley Water has requested for return.

Pilot Program Facilities and Use Rights

- Program Facilities: AVEK may use any of AVEK’s existing water banking facilities in the Antelope Valley to satisfy its obligations under the Agreement. AVEK shall not be required to construct new facilities to support this pilot program.
- Lower Priority Use Rights: Each year during the Agreement Term, Valley Water may request that AVEK store water and/or return previously stored water. AVEK will accommodate Valley Water’s requests to the extent that sufficient capacity is available after satisfying AVEK’s water banking commitments to third parties, and after AVEK’s use of the Program Facilities for its own water reliability purposes.
- Future Facilities: AVEK and Valley Water acknowledge that Valley Water may request to transfer stored supplies under this Pilot Program for recovery from a future bank if the Parties mutually develop a new storage program.

Pilot Program Operations

- Water Storage: Valley Water will be responsible for delivering water for storage to turnouts along the East Branch of the California Aqueduct specified by AVEK. AVEK will receive and store that water in AVEK’s existing water banking facilities.
- Return of Stored Water: AVEK may choose to return stored water by direct pump-back to the California Aqueduct East Branch, or by exchange for AVEK’s SWP water. If AVEK elects to return stored water by direct pump-back, the Parties will collaborate with DWR to deliver the returned water to Valley Water as SWP project water through an operational exchange on the SWP system.



- SWP Water Exchange: The Parties will work to accommodate returns under both return mechanisms. AVEK will return to Valley Water up to 2,000 AF of water by exchange for AVEK's SWP water.

Pilot Program Costs

- SWP Variable Delivery Charges: Paid by Valley Water for water delivered to AVEK for storage and for water returned to Valley Water.
- Recharge Usage Fee: None.
- Recovery Usage Fee: Valley Water will pay \$100 per AF (in 2020 dollars), CPI escalated.
- Recovery Energy and Treatment: Reimbursement by Valley Water to AVEK of actual costs.



**RECOMMENDED BOARD ORDER 6(b-2)**

To the Board of Directors

**FOR BOARD ACTION**

**APPROVE WHEELING AGREEMENT WITH BORON COMMUNITY SERVICES DISTRICT TO SERVE EDWARDS AFB RESEARCH LABORATORY**

The Board of Directors adopted the following board order on April 13, 2021:

To approve the proposed wheeling agreement with Boron Community Services District (BCSD) to serve the Edwards AFB Research Laboratory and authorize the Agency general manager to execute same, as presented and recommended.

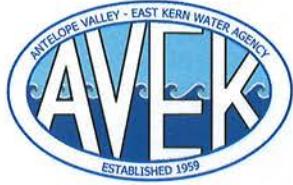
Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 6(b-2)**

04-13-21



# STAFF REPORT

<b>To:</b> Board of Directors	<b>Date:</b> April 6, 2021
<b>From:</b> Dwayne Chisam, General Manager	<b>Prepared By:</b> Matthew Knudson, Assistant GM <i>M.K.</i>
<b>Subject:</b> Consideration and possible action on wheeling agreement with Boron Community Services District to serve the Air Force Research Laboratory	
<b>Meeting Date:</b> April 13, 2021 <b>Agenda Items:</b> 6 (b-2) <b>Attachment(s):</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

**Recommendations:**

The Delta Conveyance & Negotiations Committee and staff recommend the Board approve the following:

1. Attached wheeling agreement with Boron Community Services District (BCSD) to serve the Air Force Research Laboratory; and
2. Authorize the Agency General Manager to execute same.

**Background:**

In 1996, AVEK and Boron Community Services District (BCSD) entered into an agreement to wheel water through BCSD’s water system, which was required for AVEK to provide water to the Edwards Air Force Research Laboratory (AFRL). From 1996 through 2008, AVEK supplied an average 175 AFY to the AFRL. Since 2009, no deliveries have been made to AFRL and the associated wheeling charge has not been collected or paid by AVEK.

Edwards Air Force Base has requested that AVEK commence water service to the AFRL and AVEK has reached an agreement with BCSD, which will allow AVEK to wheel water through BCSD’s water system.

The attached AVEK/BCSD Wheeling Agreement has been drafted with the following terms:

- Effective April 1, 2021 through May 31, 2031 or the date of cessation of AVEK’s water deliveries to AFRL.
- Deliveries will not exceed an average of 2 acre-feet per day.
- \$3,000 per month, increased \$100 per month for every successive twelve-month period; capped at \$4,000 per month.

**Financial Impact:**

The expenses associated with this wheeling agreement will be reimbursed by Edwards through their water supply agreement, therefor the approval of this wheeling agreement will have no financial impact on the Agency.

**Strategic Plan Element:**

This transfer will assist AVEK in meeting the following Strategic Plan Goals and Objectives:

- Goal 4 – Financial Integrity

**Supporting Documents:**

- Proposed Wheeling Agreement between AVEK and BCSD

AGREEMENT BY AND BETWEEN ANTELOPE VALLEY-EAST KERN WATER AGENCY (“AVEK”) AND BORON COMMUNITY SERVICES DISTRICT (“DISTRICT”) PROVIDING FOR THE WHEELING OF AVEK WATER THROUGH DISTRICT’S TRANSMISSION SYSTEM IN ORDER TO SERVE THE AIR FORCE RESEARCH LABORATORY LOCATED AT EDWARDS AIR FORCE BASE

A. Recitals.

(i) From 1996 through 2008, AVEK provided water service to Air Force Research Laboratory (“AFRL” hereinafter) located on Edwards Air Force Base and, in doing so, wheeled water through DISTRICT’s transmission system on terms acceptable to the parties.

(ii) AVEK has been requested to now commence service to AFRL at its location at Edwards Air Force Base (“the Site” hereinafter) and has reached agreement with DISTRICT to again allow AVEK to wheel that water through DISTRICT’s transmission system.

(iii) This Agreement contains the terms upon which the water wheeling agreement provided for herein will occur.

B. Agreement.

NOW, THEREFORE, the parties hereto agree as follows:

1. Commencing effective April 1, 2021 and continuing through May 31, 2031 or to date of the cessation of AVEK’s water deliveries to AFRL at the Site, whichever is earlier, AVEK hereby is and shall continue to be permitted to wheel water through DISTRICT’s transmission system in order to provide that water to AFRL at the Site.

2. The wheeled water referred to herein shall be moved by AVEK from DISTRICT’s turnout to the south side of DISTRICT’s transmission system where it will be received by AVEK and then transported to the Site through AVEK’s turnout facilities located adjacent to Mercury Boulevard, two miles northeast of the AFRL entrance guardhouse and directly across from the Strategic Defense Initiative Facilities at Area I-90.

3. AFRL will have 460 gallons per minute continuously available from its turnout, but, subject to availability, more than that quantity may be provided at times in order to satisfy peak demands. In no event, however, will deliveries exceed an average of two acre-feet per day during any two-month period unless additional facilities are installed, and before installing such facilities, AVEK would be required to obtain prior approval from DISTRICT.



4. In consideration of AVEK's use of DISTRICT's transmission system provided for herein, AVEK shall pay a wheeling fee to DISTRICT in the amount of \$3,000.00 per month for the months of April 2021 through March 2022. The monthly fee shall be increased in an amount of \$100.00 per month for every successive twelve (12) month period during the term hereof up to and capped at \$4,000.00 per month. For example, the applicable fee for the period for April 2023 through March 2024 shall be \$3,200.00 per month.

DISTRICT will provide a monthly invoice for payment of the subject fee and the invoice shall be due and payable by AVEK within thirty (30) days of the date of the invoice.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the dates stated below.

Dated: \_\_\_\_\_ ANTELOPE VALLEY-EAST KERN WATER AGENCY

By: \_\_\_\_\_

Dated: \_\_\_\_\_ BORON COMMUNITY SERVICES DISTRICT

By: \_\_\_\_\_

**RECOMMENDED BOARD ORDER 6(c-1)**

To the Board of Directors

**FOR BOARD ACTION**

**AWARD A CONTRACT FOR WESTSIDE WATER BANK RECHARGE  
PIPELINES IMPROVEMENT PROJECT**

The Board of Directors adopted the following board order on April 13, 2021:

To award a contract to Nicholas Construction, Inc. in the not-to-exceed amount of \$4,650,584.00 for the Westside Water Bank Recharge Pipelines Improvement Project and authorize the general manager to execute the associated agreement and subsequently issue the Notice of Award and Notice to Proceed, as presented and recommended.

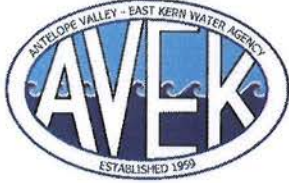
Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 6(c-1)**

04-13-21



# STAFF REPORT

To: Board of Directors	Date: April 08, 2021
From: Dwayne Chisam, General Manager	Prepared By: Justin Livesay, Engineering Manager Matthew Knudson, AGM <i>M.K.</i>
Subject: Recommendation to Award a Contract to Nicholas Construction for the Westside Water Bank Recharge Pipelines Improvement Project (Capital Project No. 21-04) in the amount not-to-exceed \$4,650,584.00	
Meeting Dates: Capital Improvement Program Committee: April 8, 2021 and Board of Directors: April 13, 2021	
Agenda Item(s):	Attachment(s): <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

### Staff Recommendation:

The Capital Improvement Program Committee and staff recommend the Board award a contract to Nicholas Construction, Inc. in the not-to-exceed amount of \$4,650,584.00 for the Westside Water Bank Recharge Pipelines Improvement Project and authorize the General Manager to execute the associated agreement and subsequently issue the Notice of Award and Notice to Proceed.

### Summary:

Approved Capital Project CP 21-04 for Fiscal Year 2020/2021 is to install underground piping for distribution of surface water for recharge at the Westside Water Bank. This project is the last permanent installation to complete the original vision of the Westside Water Bank and will relieve the ongoing costs associated with maintenance, relocation, and replacement of the above-ground aluminum piping used since the inception of the project.

In 2010 the Agency installed a turnout into the West Feeder pipeline to deliver surface water from the State Water Project to the newly graded recharge basins at the Westside Water Bank. This was a new way to store water in the Antelope Valley for future drought years. Since that time, the project has proven to be a vital tool for local resiliency for the Agency and the Antelope Valley as a whole. The project was developed by adding a connection to the SNIP pipeline to deliver recovered water into our Kern and LA County systems, eleven recovery wells, collection pipelines to transport the recovered water, and storage tanks and treatment facilities to store and disinfect the recovered supply. However, we have continued to rely upon a temporary solution to deliver the surplus surface water to the recharge basins.

Now that the project is fully developed, and staff have learned how to best form the recharge basins, it makes sense to complete the recharge side of the project with a permanent piping and discharge solution. The Board awarded a contract to design this permanent solution and authorized staff to place the project out to bid in February 2021.

Staff advertised this construction project for bid beginning on March 1, 2021 and opened bids on March 31, 2021. Ten contractors participated in the bidding process and bids are summarized as follows:

Contractor	Bid Price
Unified Field Services Corporation (Bakersfield, CA)	\$6,572,021
Norstar Plumbing & Engineering (Alta Loma, CA)	\$6,253,039
W.M. Lyles Co. (Bakersfield, CA)	\$5,980,205
Specialty Construction, Inc. (San Luis Obispo, CA)	\$5,622,236
Christensen Brothers (Apple Valley, CA)	\$5,495,579
Vido Artukovich & Son, Inc. (El Monte, CA)	\$5,397,720
Weka, Inc. (Highland, CA)	\$5,227,087
Apple Valley Construction (Apple Valley, CA)	\$4,889,543
T.E. Roberts, Inc. (Orange, CA)	\$4,662,990
Nicholas Construction, Inc. (Shafter, CA)	\$4,650,584
Engineer's Estimate	\$4,011,330

Nicholas Construction, Inc (NCI) holds a current and active Class A – General Engineering Contractor license and previously completed several projects for the Agency, including the following at the Westside Water Bank:

- WSSP-2 Turnout (2010)
- SNIP Connector Pipeline (2012)
- Westside Water Bank Phase I Well Recovery Pipelines (2013)

Staff has been satisfied with the quality of work on all projects completed by Nicholas Construction in the past.

The approved Fiscal Year 2020/2021 Capital Budget included \$4.5M for the construction of this project. Staff proposes that the amount over budget be spent from Agency reserves.

**Supporting Documents**

- Staff presentation





**RECOMMENDED BOARD ORDER 6(c-2)**

To the Board of Directors

**FOR BOARD ACTION**

**APPROVE A PROFESSIONAL SERVICES AGREEMENT FOR THE WESTSIDE WATER BANK RECHARGE PIPELINES PROJECT**

The Board of Directors adopted the following board order on April 13, 2021:

To award a contract to MC Engineering in the not-to-exceed amount of \$193,182.50 for construction management services for the Westside Water Bank Recharge Pipelines Improvement Project and authorize the general manager to execute the associated Professional Services Agreement, as presented and recommended.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 6(c-2)**

04-13-21



# STAFF REPORT

To: Board of Directors	Date: April 08, 2021
From: Dwayne Chisam, General Manager	Prepared By: Justin Livesay, Engineering Manager Matthew Knudson, AGM <i>M.K.</i>
<b>Subject:</b> Recommendation to Execute a Professional Services Agreement with MC Engineering for Construction Management for the Westside Water Bank Recharge Pipelines Improvement Project (Capital Project No. 21-04) in the amount not-to-exceed \$193,182.50	
<b>Meeting Dates:</b> Capital Improvement Program Committee: April 8, 2021 and Board of Directors: April 13, 2021	
<b>Agenda Item(s):</b>	<b>Attachment(s):</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

**Staff Recommendation:**

The Capital Improvement Program Committee and staff recommend the Board award a contract to MC Engineering in the not-to-exceed amount of \$193,182.50 for construction management services for the Westside Water Bank Recharge Pipelines Improvement Project and authorize the General Manager to execute the associated Professional Services Agreement.

**Summary:**

During construction of the Westside Water Bank Recharge Pipelines Improvement Project (CP 21-04), the Agency will need a daily presence in the field to ensure the project is built in accordance with the plans and specifications, perform inspections, coordinate and provide geotechnical testing, attend progress meetings, and ensure progress payments accurately reflect work completed. Staff solicited proposals for these services and received responses as follows:

Engineering Firm	Proposed Fee
Provost & Pritchard	No proposal
Water Systems Consulting	No proposal
Carollo Engineers	\$236,550.00
MC Engineering	\$193,182.50

Staff has been satisfied with the quality of work, responsiveness, and professionalism of MC Engineering on their work to date, and they are qualified to perform inspection services in the field during construction.

The approved Fiscal Year 2020/2021 Capital Budget included \$4.5M which will be committed to the construction of this project. Staff proposes that the amount for this service be spent from Agency reserves.

**Supporting Documents**

- Staff presentation

**RECOMMENDED BOARD ORDER 6(c-3)**

To the Board of Directors

**FOR BOARD ACTION**

**APPROVEMENT AMENDMENT No. 2 to PROFESSIONAL SERVICES  
AGREEMENT No. C-20-08 w/ MC ENGINEERING**

The Board of Directors adopted the following board order on April 13,  
2021:

To authorize the general manager to execute Amendment No. 2 to the Professional Services Agreement C-20-08 with MC Engineering, Inc. for the not-to-exceed amount of \$68,680.50 for office engineering services during construction of the Westside Water Bank Recharge Pipelines Improvement Project, as presented and recommended.

Motion by \_\_\_\_\_

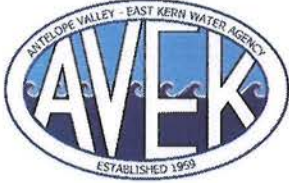
Second by \_\_\_\_\_

Carried \_\_\_\_\_


**BOARD ORDER 6(c-3)**

04-13-21





# STAFF REPORT

To: Board of Directors	Date: April 08, 2021
From: Dwayne Chisam, General Manager	Prepared By: Justin Livesay, Engineering Manager  Matthew Knudson, AGM <i>m.k.</i>
Subject: Amendment No. 2 to Professional Services Agreement C-20-08 with MC Engineering for Engineering/Design Services for the Westside Water Bank Recharge Pipelines Improvement Project (Capital Project No. 21-04) in the amount not-to-exceed \$68,680.50	
Meeting Dates: Capital Improvement Program Committee: April 8, 2021 and Board of Directors: April 13, 2021	
Agenda Item(s):	Attachment(s): <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

### Staff Recommendation:

The Capital Improvement Program Committee and staff recommend the Board authorize the General Manager to execute Amendment No. 2 to PSA C-20-08 with MC Engineering, Inc. for the not-to-exceed amount of \$68,680.50 for office engineering services during construction of the Westside Water Bank Recharge Pipelines Improvement Project.

### Summary:

During construction of the Westside Water Bank Recharge Pipelines Improvement Project (CP 21-04), the Agency will require support from the design engineer to review and approve material submittals, shop drawings, and interpret design clarifications and requests for information (RFI). This should be done by the Engineer of Record who is most familiar with the design drawings and developed the specifications, and as such, qualifies for a sole source procurement in accordance with our Purchasing Policy. MC Engineering provided a proposal for these services for \$68,680.50, which staff finds to be reasonable and appropriate for this project.

Staff has been satisfied with the quality of work, responsiveness, and professionalism of MC Engineering on their work to date, and they are qualified to perform inspection services in the field during construction.

The approved Fiscal Year 2020/2021 Capital Budget included \$4.5M which will be committed to the construction of this project. Staff proposes that the amount for these services be spent from Agency reserves.

### Supporting Documents

- Staff presentation