SPECIAL NOTICE REGARDING CORONAVIRUS DISEASE 2019 (COVID-19) AND PARTICIPATION IN PUBLIC MEETINGS

On March 4, 2020, Governor Newsom declared a State of Emergency resulting from the threat of COVID-19. Governor Newsom issued Executive Order N-25-20 (3-12-20) and Executive Order N-29-20 (3-17-20) which temporarily suspend portions of the Brown Act relative to conducting public meetings. Subsequent thereto, Governor Newsom issued Executive Order N-33-20 (3-19-20) ordering all individuals to stay at home or at their place of residence. Accordingly, it has been determined that all Board and Workshop meetings of the San Bernardino Valley Municipal Water District will be held pursuant to the Brown Act and will be conducted via teleconference. There will be no public access to the meeting venue.

REGULAR MEETING OF THE BOARD OF DIRECTORS
TUESDAY, May 5, 2020 – 2:00 P.M.

PUBLIC PARTICIPATION
Public participation is welcome and encouraged. You may participate in the May 5, 2020, meeting of the San Bernardino Valley Municipal Water District online and by telephone as follows:

Dial-in Info: 877 853 5247 US Toll-free
Meeting ID: 684 456 030
https://us04web.zoom.us/j/684456030

If you are unable to participate online or by telephone, you may also submit your comments and questions in writing for the District’s consideration by sending them to comments@sbvmwd.com with the subject line “Public Comment Item #” (insert the agenda item number relevant to your comment) or “Public Comment Non-Agenda Item”. Submit your written comments by 6:00 p.m. on Monday, May 4, 2020. All public comments will be provided to the President and may be read into the record or compiled as part of the record.

IMPORTANT PRIVACY NOTE: Participation in the meeting via the Zoom app is strongly encouraged. Please keep in mind: (1) This is a public meeting; as such, the virtual meeting information is published on the World Wide Web and available to everyone. (2) Should you participate remotely via telephone, your telephone number will be your “identifier” during the meeting and available to all meeting participants. Participation in the meeting via the Zoom app is strongly encouraged; there is no way to protect your privacy if you elect to call in to the meeting. The Zoom app is a free download.
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
380 E. Vanderbilt Way, San Bernardino, CA 92408

REGULAR MEETING OF THE BOARD OF DIRECTORS

AGENDA

2:00 AM Tuesday, May 5, 2020

CALL TO ORDER/PLEDGE OF ALLEGIANCE/ROLL CALL

1. PUBLIC COMMENT - Any person may address the Board on matters within its jurisdiction.

2. APPROVAL OF MINUTES
2.1. April 21, 2020, Meeting (Page 3)
     Minutes 042120

3. DISCUSSION AND POSSIBLE ACTION ITEMS
     Staff Memo - Consider Contract Agreement with the Gualco Group, Inc., for State Government Relations Services
     Proposal to Continue Government Relations Services

3.2. Consider Equipment Procurement for Central Feeder - East Branch Extension Intertie Project (Page 14)
     Staff Memo - Consider Procurement for Central Feeder - East Branch Extension Intertie Project
     Micro Motion Inc. Quote #4454737 Ver 2
     Pratt Co. Quote #Q-020-10667 Rev 1
     Southwest Valve and Equipment Quote #D02-2420-2

3.3. Consider Scope Enhancement with NLine Energy for Engineering Design Services - Cactus Connector Pipeline (Page 33)
     Staff Memo - Consider Scope Enhancement for Cactus Connector Pipeline
     NLine Energy Amendment #4
     Alternative Alignment Technical Memo for Cactus Pipeline
     Cactus Pipeline Alignment
3.4. Consider Procurements of Fixed Cone Valves for the Santa Ana Low Turnout Project (Page 52)
   Staff Memo - Consider Santa Ana Low Turnout Fixed Cone Valves Procurement
   Orbinox Quote
   Hartman Quote

3.5. Director Travel Request (Page 58)
   Staff Memo - Director Travel Requests 050520
   Director Navarro Travel Request - San Bernardino County Water Conference

3.6. Consider Funding Allocation for Upstairs Carpet Installation in Administration Building (Page 62)
   Staff Memo - Administration Second Floor Carpet Replacement
   Carpet Installation Quote - Gerold Construction
   Moving Services Quote - Goforth & Marti

4. REPORTS (DISCUSSION AND POSSIBLE ACTION)
   4.1. Board of Directors' Workshop - Resources, April 16, 2020 (Page 69)
        Summary Notes BOD Workshop - Resources 041620
   4.2. SAWPA Meeting Report
   4.3. Primary Representatives' Report/Directors' Activities

5. ANNOUNCEMENTS
   5.1. List of Announcements (Page 72)
        List of Announcement

6. CLOSED SESSION
   6.1. Conference with Legal Counsel — Anticipated Litigation - Possible Initiation of litigation Pursuant to Government Code §54956.9(d)(4)

7. ADJOURNMENT

PLEASE NOTE:
Materials related to an item on this Agenda submitted to the Board after distribution of the agenda packet are available for public inspection in the District’s office located at 380 E. Vanderbilt Way, San Bernardino, during normal business hours. Also, such documents are available on the District’s website at www.sbvmwd.com subject to staff’s ability to post the documents before the meeting. The District recognizes its obligation to provide equal access to those individuals with disabilities. Please contact Lillian Hernandez at (909) 387-9214 two working days prior to the meeting with any special requests for reasonable accommodation.
MINUTES
OF
THE
REGULAR BOARD MEETING
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

April 21, 2020

Directors Present: T. Milford Harrison, Paul Kielhold, Gil Navarro, Susan Longville, and June Hayes

Directors Absent: None

Staff Present: Heather Dyer, Bob Tincher, Wen Huang, Cindy Saks, Kristeen Farlow, Matt Howard, Melissa Zoba, Lillian Hernandez, and Brendan Brandt

Registered Guests:
Ronald Coats, East Valley Water District
Melody McDonald, San Bernardino Valley Water Conservation District
David Raley, San Bernardino Valley Water Conservation District
Benjamin Kelly, Western Heights Water Company
Joe Zoba, Yucaipa Valley Water District
Madeline Blua, Yucaipa Valley Water District

The regular meeting of the Board of Directors was called to order by President Harrison at 2:00 p.m. A quorum was noted present by roll-call.

President Harrison stated that before they consider public comments, the record will reflect that pursuant to the provisions of Executive Order N-29-20 issued by Governor Newsom on March 17, 2020, this meeting will be conducted by teleconference only. Please note that all actions taken by the Board at the meeting will be conducted by a roll-call vote.

Agenda Item 1. Public Comment

President Harrison stated that any member of the public wishing to make any comments to the Board may do so. Audience attendance will be recorded in the minutes based on registration information generated in the teleconference or by stating their name during this time. There were no email comments or Zoom requests to speak.

Agenda Item 2. Approval of Minutes of the April 7, 2020, Board meeting.
Director Navarro moved to approve the minutes of the April 7, 2020, Board meeting. Director Hayes seconded. The motion was unanimously adopted by a roll-call vote.

**Agenda Item 3. Discussion and Possible Action Items.**

3.1) **Consider Nominations of the Special District Election for the Regular LAFCO Special District Member.** Heather Dyer stated that on February 18, 2020, staff came to the Board to request a nomination to represent the District on the Local Agency Formation Commission (LAFCO) Special District Board. At that time, the District’s Board of Directors was supportive of nominating President Harrison. Staff submitted the nomination for President Harrison. Kimberly Cox from Mojave Water Agency was also nominated for the position. The District needs to cast their vote for the person to represent Special Districts on the LAFCO Board. Staff recommended that the District vote for President Harrison to be the representative. The ballot is due by April 27th.

   Director moved approval of voting for President Harrison to be the Local Agency Formation Commission Special District Member. Director Kielhold seconded. The motion was unanimously adopted by a roll-call vote.

3.2) **Consider Water Purchase Under Yuba Accord Dry Year Program.** Bob Tincher stated that the Yuba Accord Dry Year Purchase Program provides additional water through the State Water Project system above the District’s Table A allocation at a very reasonable price. Given the historic low water storage levels in the basin, staff recommended that the Board consider participating in this program for as much as 10,000 acre-feet of water at a total cost of approximately $2 million. There is a preliminary indication from the Department of Water Resources that the District’s amount could actually be lower depending on the number of participants. This does not include any losses through the Delta which could be between 20 percent to 30 percent. For this program a reservation does need to be made by April 24th. Staff requested the Board’s approval for the purchase of up to 10,000 acre-feet of water through the 2020 Yuba Accord Dry Year Program at a total cost of approximately $2 million.

   Director Hayes moved approval of the purchase of up to 10,000 acre-feet of water through the 2020 Yuba Accord Dry Year Program at a total cost of approximately $2 million with the exact price to be determined based on the actual amounts of water available through the program. Director Longville seconded. The motion was adopted by a 4-1 roll-call vote with Director Navarro opposing the motion since the exact total cost was unknown.

3.3) **Consider Contract Amendment to Create a Data Management System for the Yucaipa Sustainable Groundwater Management Agency.** Matt Howard stated that this item was discussed at the Policy Workshop on March 12th and staff was requested to
bring the item forward to the full Board for consideration. In 2017, the District joined local cities and water districts in the Yucaipa region to form the Yucaipa Sustainable Groundwater Management Agency (YSGMA). The YSGMA is tasked with the submission of a Groundwater Sustainability Plan (GSP) to the Department of Water Resources (DWR). One of the requirements of the YSGMA is to manage data from the various agencies and to store their data in one location. This data includes groundwater levels, streamflow measurements, groundwater production amounts, and meter reads that are collected from the agencies and will be utilized in the current development and future updates of the GSP. In December 2019, the YSGMA requested a proposal from Dudek to develop a Data Management System (DMS). Dudek is the current consultant that was selected by the YSGMA and is tasked with the creation of the GSP and recently completed the design task for the DMS. The proposal that was provided by Dudek utilized unspent funds from the DMS design task and applied them toward the DMS development costs which offset a portion of the DMS development cost resulting in a total cost to the YSGMA of $45,060. The YSGMA received and approved this proposal from Dudek to develop the DMS and requested that San Bernardino Valley Municipal Water District (SBVMWD) provide a change order to the Dudek contract for the total cost of $45,060. As SBVMWD is the contracting agency with Dudek, SBVMWD will need to amend the Dudek contract for the full amount of $45,060. Of that total amount, SBVMWD’s portion of the cost is $2,816 and SBVMWD will invoice the other YSGMA agencies for their proportionate share or a total of $42,243.

Director Navarro moved approval of authorizing the general manager to execute the contract amendment with Dudek to develop the Data Management System for the Yucaipa Sustainable Groundwater Agency for a total cost of $45,060. San Bernardino Valley Municipal Water District will invoice the other Yucaipa Sustainable Groundwater Agencies for a total of $42,243 resulting in the District’s net contribution being $2,816. Director Longville seconded. The motion was unanimously adopted by a roll-call vote.

3.4) Discuss Opportunity to Post Zoom Audio Recordings of Board Meetings and Board Workshops on the Valley District Website. Kristeen Farlow stated that this was an opportunity for the Board to discuss posting Zoom recordings of Board meetings and workshops on the District’s website. This topic was discussed at the previous Board meeting and the Board members inquired about the opportunity to post the recordings. This topic was up for consideration later in the year but given the pandemic and the executive order to refrain from public gatherings, it created an opportunity for the District to post the meeting recordings sooner than originally anticipated. This item was for discussion and to direct staff on how the Board wished to proceed. Director Navarro stated that in teleconferencing with several other agencies, he noticed that the SBVMWD’s website was far superior in quality and thanked staff for their efforts.

Director Hayes moved approval of posting the video and audio Zoom recordings on the District’s website. Director Longville seconded. The motion was unanimously adopted by a roll-call vote.
3.5) Consider Developing Standardized Process for the Board of Directors to Consider and Direct Staff Regarding Individual Board Member Requests. Heather Dyer stated that staff was approached by several Board members to try to develop a standardized process that when directors have requests for activities or informational items being placed on a workshop or any activity that would require the use of staff time or cost to the District, that the director bring that to their fellow Board members so that the Board could consider and direct staff if that is something that should be undertaken. Staff drafted a fillable form that the Board could have at their disposal and as they have items they want action on, they can fill it out and email the form to Ms. Dyer or Ms. Hernandez. Staff would fill out an estimate of time and cost it would take to accomplish the task and submit the form as a standing item on an agenda. Since it will be fully agenized, it will give the Board the opportunity to talk and discuss the activity at a workshop and give direction to the staff whether it is something the majority of the Board would like staff to pursue. The objectives are to have all of the directors understand what their fellow Board members are requesting and what staff is working on. Also, to have an estimate of the staff time that is required and to have staff be given direction by the full Board and not individual Board members. After discussion, the Board requested that a few language changes take place on the form and to create a larger box to enter their information in. Director Navarro feels that the general manager should make the decisions and not the Board of Directors. Director Kielhold stated that his understanding of state law is different than Director Navarro’s. Director Kielhold believes that the responsibility for operations of the District rests with the Board of Directors as codified in Section 71300 of the California Water Code. Director Kielhold believes that the Board has all authority of the District and delegates to the general manager any task that they wish to.

Director Kielhold moved approval of the form and its usage. Director Hayes seconded. The motion was adopted by a 4-1 roll-call vote with Director Navarro opposing the motion.

Agenda Item 4. Reports (Discussion and Possible Action Items).

4.1) Board of Directors’ Workshop – Policy, April 9, 2020. No oral report was given as a written report was included in the Board packet.

4.2) Board of Directors’ Workshop – Engineering, April 14, 2020. No oral report was given as a written report was included in the Board packet.

4.3) SAWPA Meeting Report, April 21, 2020. President Harrison reported on the following items:

   1. Approved of directing staff to execute an amendment to the Grant Agreement between SAWPA and the Department of Water Resources. This related to a grant for Riverside Public Utilities for potable and non-potable water lines that are being installed.
2. Received and filed a report on the Proposition 1 Round 1 Integrated Water Management (IRWM) Draft Funding Award.
3. The Commission decided to hold off on the Strategic Plan Facilitator Consultant Services Award of Contract until everyone can meet in person.
4. Rich Haller reported that there had been no COVID-19 illnesses in their organization.

4.4) Primary Representatives’ Reports/Directors’ Activities.

Director Longville reported that she attended the East Valley Water District meeting on April 8th and the League of Women Voters Water Committee meeting on April 14th. She stated they were organizing a caravan to support local healthcare workers and if anyone was interested in participating, to contact her for the information.

Director Hayes reported that the City of Rialto’s Wastewater Treatment Plant was progressing and Rialto Water Services and their contractor Veolia report there have been no COVID-19 illnesses in their staff. She attended the San Bernardino Valley Water Conservation District meeting on April 8th and a West Valley Water District meeting on April 16th. She had several teleconferences regarding the Groundwater Council and West Valley Water District’s possible joining the Groundwater Council. On April 17th she had a teleconference with Clarence Mansell, General Manager, West Valley Water District, on the topic and on April 18th she had a rather lengthy conversation with Director Greg Young regarding the Groundwater Council, and on April 21st she had a conference with Nadia Loukeh who is coordinating at West Valley Water District. Director Hayes believes they are close to arranging an agreement between West Valley Water District and the Groundwater Council.

Director Navarro reported that he attended the San Bernardino Valley Water Conservation District Board meeting on April 8th and later that evening a Rialto Unified School District meeting, a West Valley Water District meeting on April 9th, West Valley Water District Human Resources Committee meeting on April 13th, City of Rialto meeting on April 14th and the West Valley Water District Board meeting on April 16th. He also attended the San Bernardino Valley Water Conservation District Trust meeting on April 20th. He stated volunteers are cleaning up Seccombe Lake Park since the City of San Bernardino did not receive a requested $8.4 million in grant funding from the State of California for parks.

President Harrison reported that he virtually attended the Claremont Graduate University’s Keeping your wits and finding opportunities in times of crisis on April 9th, on April 10th he attended the Government Relations Committee of the National Habitat Conservation organization, and on April 16th he attended another session of the Claremont Graduate University and also the District’s Resources Workshop.

4.5) Operations Report. No oral report was given as a written report was included in the Board packet.
4.6) Treasurer’s Report. Director Hayes moved the following expenses for the month of March 2020. The State Water Contract Fund $8,983,700.00, Devil Canyon/Castaic Fund $104,371.00, and General Fund $1,552,199.79. President Harrison seconded. The motion was unanimously adopted by a roll-call vote.

Agenda Item 5. Announcements.

5.1) List of Announcements. None.

Agenda Item 6. Closed Session.

President Harrison adjourned the meeting to Closed Session at 3:10 p.m.

6.1) Conference with Legal Counsel – Anticipated Litigation – Possible Initiation of Litigation Pursuant to Government Code Section 56956.9(d)(4) – (2 cases).

Pursuant to Government Code Section 54957.1 President Harrison returned the meeting to Open Session at 4:15 p.m. Brendan Brandt reported that the Board discussed item 6.1. The staff and legal counsel updated the Board on the items and they were given direction but no reportable action was taken.

Agenda Item 7. Adjournment.

There being no further business, President Harrison asked for a motion to adjourn the meeting at 4:19 p.m.

    Director Hayes moved approval of adjourning the meeting. Director Longville seconded. The motion was unanimously adopted by a roll-call vote.

RESPECTFULLY SUBMITTED,

Lillian Hernandez
Board Secretary

APPROVAL CERTIFICATION
I hereby certify to approval of the foregoing Minutes of San Bernardino Valley Municipal Water District.

Secretary
Date

Lillian Hernandez
Board Secretary
DATE: May 5, 2020
TO: Board of Directors
FROM: Kristeen Farlow, Manager of Water Use Efficiency/External Affairs
SUBJECT: Consider Contract Agreement with the Gualco Group, Inc., for State Government Relations Services

Staff is requesting the Board of Directors consider a contract with the Gualco Group, Inc. (TGGI), for State Government Relations Services for 2020 – 2022. This item was discussed at the Policy Workshop on April 9, 2020 and the Directors requested staff forward the item to the next regular Board of Directors meeting for consideration.

Background
Valley District has contracted with TGGI since 1993 to support the District’s state legislative priorities and goals. TGGI provides Valley District with regular updates and reports on relevant legislation and policy efforts in Sacramento, advocates for programs and policy positions that support the District’s priorities, implements outreach specific to bills and key issues, and coordinates engagement with state legislators and key staff.

Over the years of working with TGGI, they have provided the District with significant value and insights specific to legislation that would impact the District. Around 2015, TGGI worked diligently on the legislative language regarding Redevelopment Agency (RDA) dissolution and the Pass Through Agreements. Having the recommended language included in legislation has been instrumental to the State Water Project property taxes being returned to the District. More recently, TGGI has guided the District on consideration of formal positions on legislation that may impact the District and our retailers as well as provided insights and perspectives on bond
and grant funding. TGGI has facilitated productive meetings between staff and legislators as well as participated in meetings themselves, in particular supporting the District’s legislative efforts as a State Water Contractor. Additionally, TGGI is in the midst of helping facilitate discussions with legislators related to a potential long-term solution between Valley District and the City of San Bernardino regarding Hanes Park.

The Board is asked to consider a contract with TGGI for state government relations services for January 1, 2020 – December 31, 2022, at a rate of $8,000 per month, plus reimbursable costs to be billed at actual cost. (Reimbursable expenses include, for example, travel costs when TGGI flies down to the District to make presentations to the Board of Directors, incidentals when Staff and the Directors make visits with TGGI in Sacramento to legislator’s offices, and have averages $200/month for the last two years.) In the past, the agreement with TGGI has operated on a month-to-month basis; this is the first time the District will be entering into a longer-term agreement with them.

During the term of the agreement between Valley District and TGGI, TGGI will:

- Engage in water supply and water quality legislative and regulatory matters in the California State government, with particular emphasis on the operations and financing of the State Water Project and Valley District’s investment and obligations;
- Monitor, track, gather intelligence, and advocate, as necessary and appropriate, issues and bills identified as key to the interests of Valley District;
- Provide issue and legislative tracking updates on key developments, including periodic appearances before the board of directors;
- Prepare correspondence, draft position letters, written summaries, and legislative tracking reports;
- Coordinate meetings in Sacramento as well as within the District with legislators and key staff members as requested by Valley District;
- Provide Valley District’s voice to stakeholder groups such, as the Association of California Water Agencies, the California Municipal Utilities Association, the California Special Districts Association, the Santa Ana Watershed Project Authority, and the State Water Contractors.
Fiscal Impact
The fiscal impact of the proposed contract is $8,000/month for a three-year agreement. This rate has been in place since July 2016. The District currently has the required funds available in the Consultants budget category (6360) to cover the cost of this agreement through the end of this fiscal year (June 30, 2020). The proposed monthly budget for this contract will be included within the Consultants category (6360) in future fiscal years through the end of the contract term.

Staff Recommendation
Staff recommends the Board of Directors authorize the General Manager to execute an agreement with the Gualco Group, Inc., for $8,000 month, effective immediately through December 31, 2022.

Attachments
Proposal to Continue State Government Relations Services
DATE: January 13, 2020
TO: Ms. Heather Dyer
FROM: Jackson R. Gualco, Kendra Daijogo, Robert J. Gore & Tomas Garza
RE: Proposal to Continue State Government Relations Services

Scope of Work

- Engage in water supply and water quality legislative and regulatory matters in the Executive and Legislative branches of California State government with particular emphasis on those matters that relate directly to the operations and financing of the State Water Project and Valley District’s investment and obligations to same
- Monitor, track, gather intelligence, and advocate, as necessary and appropriate, issues and bills identified as key to the interests of Valley District
- Provide timely issue and legislative tracking reports on key developments, including periodic appearances before the board of directors
- Coordinate all efforts with you and your colleagues
- Prepare correspondence, draft position letters, written summaries, and legislative tracking reports in a timely manner
- Continue to provide exclusively curated Water Whirled and Capital News & Notes
- Provide Valley District’s voice to stakeholder groups such as ACWA, CMUA, State Water Contractors, SAWPA, and CSDA

Dedicated Professionals

- Jackson R. Gualco
- Kendra Daijogo
- Robert J. Gore
- Tomas Garza
Term

Effective upon execution of a new purchase order through December 31, 2022 with the ability to extend upon mutual agreement.

Fee and Cost Reimbursement

Continue existing monthly retainer of $8,000 plus reimbursable costs to be billed at actual cost. Payments to be made within thirty days.

cc: Ms. Kristeen Farlow
DATE: May 5, 2020

TO: Board of Directors

FROM: Wen Huang, Chief Engineer
      Mike Esquer, Sr. Project Manager
      Brent Adair, Project Manager

SUBJECT: Consider Equipment Procurements for the Central Feeder - East Branch Extension Intertie Project

The purpose of this memorandum is to discuss procurement of magnetic flow meters, flow control valves, guard valves and bypass valves for the Central Feeder – East Branch Extension (CF-EBX) Intertie Project (Project). This item was discussed at the Board of Directors’ Workshop on March 10, 2020. The Directors at the workshop asked that this item be forwarded to an upcoming Board of Directors’ meeting for consideration.

Discussion:
The Project consists of construction of pipeline and appurtenances that will connect the Central Feeder pipeline to the EBX. The Central Feeder moves water from the San Bernardino Basin Area to the eastern portion of the District service area via the Redlands Pump Station. Through the Project, the Central Feeder will connect to the recently completed (2017) EBX-II pipeline to facilitate delivery to entities on the eastern end of our service area, including Yucaipa Valley Water District, South Mesa Water Company, and San Gorgonio Pass Water Agency. Following approval by the Board, Staff applied for a United States Bureau of Reclamation (USBR) grant in 2019 and has been notified that the Project has been awarded. The grant provides funds up to a total of $750,000 for the Project. Staff estimates the construction cost, including procurements, of the Project is between $1.8M and $2.2M.

Similar to the approach used previously on District Projects, advanced procurement of long-lead components for the Project is recommended as it allows for a shortened construction schedule...
for the project. Further, advanced procurement of equipment saves money because the
construction contracts allow for up to a 15% markup on equipment procured by the contractor.
This approach also allows the District ultimate control over the type and quality of components
being purchased.

Staff recommends that the following items be procured in advance:

1. **Flow Meters (24” and 42”):**

   Upon completion of the review of the specifications for both Sparling Tigermag and
   Rosemount 8750W magnetic meters, it is concluded that the accuracy of the Rosemount
   8750W meter is superior to the Sparling Tigermag. The manufacturer (Micro Motion) provided
   a quote of $39,029 for the two meters. Staff estimates tax, startup and delivery of $9,672.
   The total estimated cost of the meters is $48,701. Staff estimates the lead-time for
   procurement of up to 8-12 weeks (2 to 3 months).

2. **Guard Valves (24”, 42” and 60”):**

   Two 24”, two 42” and one 60” guard valves are needed for the facility in order to allow for
   isolation of piping, flow direction changes, and maintenance of facility meters and
   appurtenances. Typically, the District uses Henry Pratt butterfly valves for this type of
   operation. The manufacturer, Henry Pratt Co., provided a quote of $152,254 excluding tax,
   delivery and startup. It is estimated the tax, delivery and startup will be approximately
   $17,000. The total estimated cost of the guard valves is $169,254. It is estimated that the
   lead-time for the valves is up to 20-24 weeks (5 to 6 months).

3. **Flow Control Valves (24” and 42”):**

   24” and 42” flow control valves are needed at the outlet of the facility in order to allow for
   control of flow. Typically, the District uses Henry Pratt butterfly valves for this type of
   operation. The manufacturer, Henry Pratt Co., provided a quote of $50,875 excluding tax,
   delivery and startup. It is estimated the tax, delivery and startup will be $7,070. The total
   estimated cost of the flow control valves are $57,945. It is estimated that the lead-time for the
   valves is up to 20-24 weeks (5 to 6 months).

4. **Bypass Valves:**

   Two 8” and two 4” Pratt butterfly valves, and two 4” AT Controls ball valves are needed to
   allow filling of the piping prior to start of operation of the facility. The manufacturer's
   representative and manufacturer, Southwest Valve and Equipment and Henry Pratt Co.,
provided a quote of $17,243 excluding tax, delivery and startup. It is estimated the tax, delivery and startup will be $3,500. The total estimated cost of the bypass valves are $20,743 with the estimated lead-time of up to 12-16 weeks (3 to 4 months).

**Fiscal Impact:**
The estimated cost of $296,643 for the procurement is included in the approved Fiscal Year 2019-2020 General Fund Budget, under Line Item 6280 Field Improvements.

Staff estimates the overall construction cost, including procurements, of the Project is between $1.8M and $2.2M, of which $750,000 will be offset by the grant funding.

**Recommendations:**
Staff recommends that the Board of Directors authorize the General Manager to procure the following items:
1. Procurement of 24” and 42” water meters from Micro Motion Inc. for $48,701;
2. Procurement of two 24”, two 42” and one 60” guard valves from Henry Pratt Co. for $169,254;
3. Procurement of 24” and 42” flow control valves from Henry Pratt Co. for $57,945;
4. Procurement of two 8” and two 4” Pratt butterfly valves, and two 4” AT Controls ball valves from Henry Pratt Co. and Southwest Valve and Equipment for $20,743.

**Attachments:**
2. Pratt Co. Quote #Q-020-10667 Rev: 1, dated March 4, 2020
3. Southwest Valve and Equipment Quote #D02-2420-2, dated February 24, 2020
To: Mike Esquer

From: Wendy Hathaway

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Summary Of Understanding

Table Of Contents

1. Commercial Summary
2. Detailed Item Summary
3. Terms & Conditions
## Commercial Summary

**Expiration Date:** 24-Apr-20  
**Ultimate Destination:** United States  
**Shipping Terms:** Inco2010: CPT (Origin)  
**Payment Terms:** Payment due in 30 days  
**Lead Time:** 10 WEEKS ARO

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<td>RFSTARTUPADDL:MAGNETIC AND VORTEX START-UP ASSISTANCE, EACH CONSECUTIVE SENSOR</td>
<td></td>
<td>715.00</td>
<td>715.00</td>
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</tbody>
</table>

**TOTAL PRICE (USD)**: 45,578.66  
*(NOTE: Taxes not included)*
Detailed Item Summary

<table>
<thead>
<tr>
<th>Cust Line</th>
<th>Item</th>
<th>Qty</th>
<th>Units</th>
<th>Description</th>
<th>Lead Time</th>
<th>Unit Price (USD)</th>
<th>Extended Price (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Each</td>
<td>1</td>
<td>Each</td>
<td>ROEMOUNT 8750W UTILITY MAGNETIC FLOW METER SYSTEM, 24 INCH (DN600)</td>
<td>8 WEEKS ARO</td>
<td>12,107.56</td>
<td>12,107.56</td>
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</tbody>
</table>

8750WDMW1A1FPSA240CA1MR4G1DWR05Q4

- **8750W2** ROEMOUNT 8750W UTILITY MAGNETIC FLOW METER SYSTEM, 24 INCH (DN600)
- **D** Sensor Design Revision: Revision "D"
- **M** Transmitter Class: Revision 4 Electronics
- **W** Transmitter Mount: Remote Wall Mount
- **1** Transmitter Power: AC Power Supply (90 to 250VAC, 50-60Hz)
- **A** Transmitter Outputs: 4-20mA; Digital HART; Scalable Pulse
- **1** Conduit Entries: 1/2-14 NPT
- **F** Sensor Style: Flanged
- **S** Lining Material: Polyurethane
- **A** Electrode Material: 316L Stainless Steel
- **A1** Flange Type and Material: Slip-On, Raised-Face, Carbon Steel
- **M4** Transmitter Display: Local Operator Interface
- **G1** Ground Ring: 316L Stainless Steel (Qty 2)
- **R05** Submergence Protection: Potted Junction Box with 50 feet of Combo Cable/Cable Gland
- **Q4** Quality Certificate (Q4): Calibration Certificate per ISO 10474 3.1B / EN 10204 3.1
- **DW** Drinking Water Approval: NSF Drinking Water Certification

**Qty/Cfg**

<table>
<thead>
<tr>
<th>Primary Tag Type</th>
<th>Primary Tag</th>
<th>Secondary Tag</th>
<th>Calibration</th>
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<tr>
<td>1</td>
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- Flow Units: ft³/sec
- LRV for output: 3.0
- URV for output: 40.0

Totalize in 0.1 acre-feet
<table>
<thead>
<tr>
<th>Cust Line</th>
<th>Item</th>
<th>Qty</th>
<th>Units</th>
<th>Description</th>
<th>Lead Time</th>
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<tbody>
<tr>
<td>2</td>
<td>1</td>
<td>Each</td>
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<td>ROSEMOUNT 8750W UTILITY MAGNETIC FLOW METER SYSTEM, 42 INCH (DN1050)</td>
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<tr>
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<td>ROSEMOUNT 8750W UTILITY MAGNETIC FLOW METER SYSTEM, 42 INCH (DN1050)</td>
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<td>Sensor Design Revision: Revision &quot;D&quot;</td>
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<tr>
<td>D</td>
<td>MTransmitter Class: Revision 4 Electronics</td>
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<tr>
<td>M</td>
<td>WTransmitter Mount: Remote Wall Mount</td>
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<tr>
<td>1</td>
<td>1Transmitter Power: AC Power Supply (90 to 250VAC, 50-60Hz)</td>
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<tr>
<td>A</td>
<td>1Conduit Entries: 1/2-14 NPT</td>
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<td>1</td>
<td>FSensor Style: Flanged</td>
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<td>F</td>
<td>P Lining Material: Polyurethane</td>
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<tr>
<td>P</td>
<td>S Electrode Material: 316L Stainless Steel</td>
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<tr>
<td>S</td>
<td>A Electrode Type: 2 Measurement Electrodes - Standard</td>
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<tr>
<td>A</td>
<td>Flange Type and Material: Slip-On, Flat-Face, Carbon Steel</td>
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<td>Transmitter Display: Local Operator Interface</td>
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<tr>
<td>M4</td>
<td>Ground Ring: 316L Stainless Steel (Qty 2)</td>
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<tr>
<td>G1</td>
<td>Drinking Water Approval: NSF Drinking Water Certification</td>
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<tr>
<td>DW</td>
<td>Submergence Protection: Potted Junction Box with 50 feet of Combo Cable/Cable Gland</td>
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<td>R05</td>
<td>Quality Certificate (Q4): Calibration Certificate per ISO 10474 3.1B / EN 10204 3.1</td>
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<tr>
<td>Q4</td>
<td>Qty/Cfg Primary Tag Type</td>
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<td></td>
<td>Calibration Flow Units : ft3/sec</td>
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<tr>
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<td>LRV for output :</td>
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<tr>
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<td>URV for output :</td>
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<td>130.0</td>
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<tr>
<td></td>
<td>Totalize in 0.1 acre-feet</td>
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<tr>
<td>3</td>
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<td>Each</td>
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<td>MM/H:SHIPPING AND HANDLING</td>
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<td>4</td>
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<td>RF/STARTUP1:MAGNETIC AND VORTEX START-UP ASSISTANCE, FIRST SENSOR</td>
<td></td>
<td>1,275.00</td>
<td>1,275.00</td>
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<tr>
<td>5</td>
<td>1</td>
<td>Each</td>
<td></td>
<td>RF/STARTUPADDL:MAGNETIC AND VORTEX START-UP ASSISTANCE, EACH CONSECUTIVE SENSOR</td>
<td></td>
<td>715.00</td>
<td>715.00</td>
</tr>
</tbody>
</table>
The present quotation, the acceptance of an order under this quotation and the fulfilment of any contractual obligations as a consequence of the quotation, are subject to all current applicable import, export control and sanctions laws, regulations, orders and requirements, including those of the United States where applicable. However, such laws and regulations may be amended from time to time including during the processing of an order. If Emerson (The Company) should fail to receive any necessary or advisable licenses, authorizations or approvals, even arising from inaction by any relevant government authority, or if any such licenses, authorizations or approvals are denied or revoked, or if there is a change in any applicable laws, regulations, orders or requirements that would prohibit the Company from fulfilling any order, or would in the reasonable judgement of the Company otherwise expose the Company to a risk of liability under such laws, regulations, orders or requirements if it fulfilled the order, the Company shall be relieved without penalty of all obligations with respect to any order resulting from this quotation.

Product Material Compliance

For orders destined for installation in the European Union, some products on this order may be considered out of scope from European Directive 2011/65/EC. For more information on RoHS, REACH, and other laws which regulate product material content, please refer to [http://www.emerson.com/compliance](http://www.emerson.com/compliance) for up-to-date product information.

Terms & Conditions

This quote is offered subject to the terms and conditions agreement between the parties. If no agreement exists, then this quote shall be subject to Emerson Process Management's terms and conditions of sale, a copy of which can be found at the following website:
These Terms govern Emerson's quotation and any resulting Contract for Emerson to supply Goods, Documentation, Software and Services.

1. Quotation & Contract: Emerson's quotation is valid for acceptance for 30 Days after its date, unless Emerson has stated a different period or withdraws it earlier. The PO must be in writing and have no effect until Acknowledgement. Emerson is not obliged to accept any PO. If there are any conflicts, discrepancies or ambiguities, the following order of priority applies: (1) the Acknowledgment, (2) these Terms, (3) the PO and (4) Emerson's quotation.

2. Customer Duties: Customer must in a timely manner supply the information, documents and instructions Emerson reasonably needs to proceed with its Contract duties. Customer is responsible for the accuracy and completeness of such information. If Customer provides erroneous information to Emerson, Emerson is not liable for any consequences, including any wasted time, costs related to the erroneous information, or any loss or damage caused by such information, even if it is subsequently found to be erroneous.

3. Delivery:
   3.1 Delivery and Performance Periods. Delivery and Performance periods begin on Acknowledgment. All Delivery periods and dates stated are approximate. Emerson will not be liable for any damages caused by its failure to deliver or perform on time.
   3.2 Delivery Terms. Unless the Contract says otherwise, Emerson will deliver the Goods, Documentation and Software from its, its Affiliate's or third party's factory or warehouse (the point of delivery). Carriage Paid to (CPT) the place of destination named in the Contract (Incoterms® 2010). Customer will pay for freight, packing and handling at Emerson's then current rates.
   3.3 Partial Shipments. Emerson may make partial shipments. Emerson may ship batteries separately from the rest of the Goods. Hard copies of Documentation may be shipped separately from the Goods.

4. Storage. Emerson may place Goods, Documentation and Software into a third-party warehouse chosen by Emerson, at Customer's expense if Customer, by its acts or omissions, delays their shipment. On the placing Goods, Documentation and Software in the warehouse, delivery is complete and risk and title in Goods and Documentation passes to Customer. This Clause 3.4 does not apply to Goods, Documentation and Software which Emerson or its Affiliate is to export from the United States.

4. Title & Risk: Even if the Contract says otherwise and except as stated in Clauses 3.4 and 5: (a) for any Goods and Documentation which Emerson or its Affiliate is to export from the United States, title and risk of loss will pass to Customer when they pass the territorial limits of the US; (b) for all other Goods and Documentation, title will pass to the Customer on delivery and risk of loss will pass to Customer under the Incoterms® 2010 rule stated in the Contract.

5. Documentation, Software, Firmware and Intellectual Property: Emerson and other owners will each keep all rights, interest and title in their respective Documents, Software and Firmware. Customer's use of Software and Firmware is governed exclusively by the Software License Agreement with Emerson (or its Affiliate) if there is one or, in any other case, by the license terms of the copy delivered. If Software or Firmware is not governed by a separate Software License Agreement, Customer is granted a non-exclusive, royalty-free license to use that (a) Software only in conjunction with the Goods; and (b) Firmware in the Goods, only as incorporated in the Goods. In both cases, the reasonable internal business purposes. Unless the Contract says otherwise, Documentation will consist of one copy only of Emerson's, its Affiliates', or the manufacturer's standard documents in English. Emerson is only required to supply third party documents if authorized to do so by the third party. Emerson may choose to supply Documentation by hard copy, by CD-ROM or other suitable media, or by download from a website.

6. Compensation
   6.1 Prices/Rates. Unless the Contract says otherwise, the prices, Software license fees and rates (a) are fixed for Goods, Documentation and Software licenses delivered and for Services performed within the period(s) stated in the Contract; (b) exclude all taxes (such as sales, use, value added and similar taxes), duties, levies and similar charges. Emerson will invoice all these taxes, duties, levies and charges unless it has received an appropriate exemption from Customer; (c) exclude freight, packing and handling; and (d) exclude the storage, installation, start-up and maintenance of the Goods and Software.

6.2 Payment Terms. (a) Customer will pay Emerson: (i) in full without set-off, counterclaim or withholding (except deductions required by Law); (ii) in the currency of Emerson's quotation; and (iii) within 30 days of the invoice date. (b) Emerson will invoice: (i) Goods (including part shipments), Documentation and Software license fees: on delivery. (ii) Services and storage costs under Clause 3.4: monthly in arrears. (a) Customer will pay Emerson by check or direct bank transfer to the Emerson bank account stated in the Contract or invoice, paid in either case from Customer's account with a bank in Customer's country. Emerson may reject payment by any other method. (b) Customer waives the right to dispute any invoiced amount unless Customer tells Emerson of the dispute with (detailed reasons) within 10 Days from the invoice date. All undisputed amounts are payable as set out in Clause 6.2(c). (c) Emerson may end the Contract or suspend performance (including withholding shipment and suspending performance of Services) if Customer fails or, in Emerson's reasonable opinion, appears likely to fail to make payment when due under the Contract or any other contract. This action will not subject Emerson to any penalty or affect its other rights. (d) Emerson may at any time demand such security for payment as Emerson may think reasonable, and Customer will provide the security within 10 Days after the request. This action will not affect any other right of Emerson. (e) Customer must pay all expenses (including attorneys' fees) incurred by Emerson in collecting late payments, up to the maximum amounts permitted by Law.

7. Warranties:
   7.1. Emerson warrants that: Emerson will transfer title to the Goods (excluding Software and Firmware) to Customer under Clause 4; (a) Goods, Documentation and Services will conform with the Specification; (b) Goods made by Emerson or its Affiliates will, under normal use and care, be free from defects in materials or workmanship; and (c) Emerson and its Affiliates’ Personnel delivering Services are trained and will use reasonable skill and care.

7.2 Warranty Periods. Unless otherwise specified by Emerson, the warranties in Clause 7.1 apply as follows: (a) Goods: until the earlier of 12 months from the first installation or 18 months from delivery (90 days from delivery in the case of consumables and PolyBluf products). (b) Services: for 90 days from completion of the Services. (c) Goods repaired, replacement items and Services re-performed: from delivery of the replacement or completion of the repair or re-performance, for 90 days or until the end of the original warranty period (if later).

7.3 Warranty Procedure. Clause 7.3 applies if, within the warranty period, Customer discovers any non-conformity with a warranty in Clause 7.1, informs Emerson in writing and, in the case of Goods, returns the non-conforming items to Customer's cost, freight and insurance pre-paid, to the repair facility chosen by Emerson. Where this Clause applies, Emerson will, at its sole option, either: (a) correct any non-conforming Documents and Services; or (b) repair or replace non-conforming Goods FCA (Incoterms® 2010) at the repair location; or (c) instead refund the price of the
7.4 Exclusions from Warranty. (a) The warranties in Clause 7.1(b), (c), and (d) exclude and Customer will pay the cost of all repairs and replacements caused by any of the following: normal wear and use; inadequate maintenance; unsuitable power sources or environmental conditions; improper handling, storage, installation, or operation; misuse or accident caused by anybody except Emerson; a modification or repair not approved by Emerson in writing; materials or workmanship made, provided or specified by Customer; contamination; the use of unapproved parts, firmware or software; Cyber Attack; any other cause not the fault of Emerson. (b) Emerson will not pay any costs relating to non-compliance with a warranty in Clause 7.1, except where agreed in writing in advance. Unless accepted in writing by Emerson, Customer will pay: (i) all costs of dismantling, freight, reinstatement and the time and expenses of Emerson Personnel for travel under Clause 7; and (ii) all costs incurred by Emerson in correcting nonconformities for which Emerson is not responsible under Clause 7 and in examining items that comply with the warranties in Clause 7.1. (c) If Emerson relies on wrong or incomplete information supplied by Customer, all warranties are void unless Emerson agrees otherwise in writing. (d) Customer alone is responsible for the selection, maintenance and use of the Goods. (e) Resale Products carry only the warranty given by the original manufacturer. Emerson has no liability for Resale Products beyond making a reasonable commercial effort to arrange procurement and shipping of the Resale Products.

7.5 Disclaimer. The limited warranties set out in this Clause 7 are the only warranties made by Emerson and can be changed only with Emerson's signed written agreement. THE WARRANTIES AND REMEDIES IN CLAUSE 7 ARE EXCLUSIVE. THERE ARE NO REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, ABOUT MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE OR ANYTHING ELSE FOR ANY OF THE GOODS, DOCUMENTATION OR SERVICES.

8. Changes: No change to the Contract applies unless agreed in writing by Emerson and the Customer.

9. Termination:

9.1 Termination for Default and Insolvency. (a) Either party (Injured Party) may end the Contract wholly or partly by written notice to the other (Defaulting Party), if an Insolvency Event or Default Event affects the Defaulting Party. Termination under Clause 9.1 will not affect other rights of the Injured Party. (b) A Default Event occurs if any of the following conditions are met: (i) Defaulting Party breaches a material duty under the Contract; (ii) Defaulting Party sends Defaulting Party a notice identifying the breach in sufficient detail; 10 Days after receiving the notice, Defaulting Party has not corrected the breach; and (iii) if the breach cannot reasonably be corrected in 10 Days, Defaulting Party has not acted diligently to fix the breach. (c) An Insolvency Event means any of the following: (i) a meeting of creditors of Defaulting Party; (ii) a proposal for an arrangement or composition with or for the benefit of creditors of Defaulting Party; (iii) a chargeholder, receiver, administrative receiver or similar person is appointed over or takes possession of material assets of Defaulting Party; (iv) a legal enforcement process is taken (and not discharged within 5 Days) against material assets of Defaulting Party; (v) Defaulting Party stops trading or cannot pay its debts; (vi) anyone gives notice of intention to appoint an administrator, or applies to court to appoint an administrator, in relation to Defaulting Party; (vii) a petition is presented (and not discharged within 20 Days) or a resolution is passed or an order made for winding-up, bankruptcy or dissolution of Defaulting Party; (viii) a resolution similar to any of (i) to (vii) in a jurisdiction where the Defaulting Party is incorporated or resides or carries on business or has assets. (d) On termination under Clause 9.1(a), Customer will pay Emerson the price of Goods, Software, Documentation and Services already delivered. If Emerson was the Injured Party, Customer will also pay Emerson for work in progress under Emerson's then current policies and cancellation charges.

9.2 Termination for Customer Convenience: Customer may end the non-conforming item.

10. Customer Information: Emerson may use and share Customer Information in accordance with data protection Law, as necessary to fulfill the Contract and to communicate with Customer for marketing purposes, including sharing: (a) Customer Information to its suppliers, for use in product registration and support and to comply with import and export control Law; (b) Customer Information and copies of the Contract to its agents and sales representatives, as necessary to fulfill the Contract.

11. Intellectual Property Claims: In Clause 11, an Intellectual Property Claim is a claim that Goods made or Documentation produced by Emerson infringe a valid intellectual property right (including patent, copyright, design right and trade mark) of the United States or of a country where the Contract states the Goods will be used. Clause 11 applies only while Customer does all the following: (a) promptly tells Emerson in writing that an Intellectual Property Claim has been threatened or filed; (b) allows Emerson complete control of the defense and settlement of the claim; and (c) gives all reasonable help and cooperation requested by Emerson for the defense. Emerson will indemnify and defend Customer against any Intellectual Property Claim brought by legal action. Emerson will only pay any final judgment or settlement resulting from the action. If the action results in an injunction against the use of any Goods or Documentation, Emerson will, at its sole option and expense, provide a commercially reasonable alternative. This may include procuring for Customer the right to continue using the Goods or Documentation or replacing them with a non-infringing item or changing them to become non-infringing or refunding their price. Emerson will not be liable for infringement, and Customer will indemnify Emerson, in each of these cases: (a) the infringement relates to goods not made by Emerson. (b) Emerson did not design the Goods or Documentation, or Emerson did not design them for use in the way or for the purpose that infringed intellectual property rights. (c) the Customer caused the Goods or Documentation to become infringing.

12. Force Majeure: Neither party is liable for non-performance or delay due to unforeseen circumstances or causes beyond its reasonable control, including acts of God; war; armed conflict; terrorism; fire; flood; accident; weather; failure or interruption of public and private computer or telecommunication systems, networks, and infrastructure; Cyber Attacks; sabotage; strikes or labor disputes; civil disturbances or riots; governmental decisions, requests, restrictions, Law (including the denial, failure to issue or loss of export or re-export licenses); unavailability of or delays in transport; or shortage of materials or parts.

13. Export Controls and Compliance: Customer and Emerson will comply with all: (a) export, import and other trade compliance Laws of the territories in which Customer and Emerson are established, from which the Goods, Firmware, Software, Services and any technical data are supplied or shipped; and to which the Goods, Firmware, Software, Services and any technical data will be taken or eventually used; and (b) Laws against bribery, corruption and money-laundering. Customer agrees not to use, transfer, release, export or re-export any Goods, Firmware, Software, Services or Emerson-supplied technical data contrary to trade compliance Law or to any license or required government authorization. Customer will give Emerson: (a) details of financial institutions and other parties involved in the transaction; (b) details of the end-destination, end-user and end-use of the Goods, Firmware, Software, Documentation and Services; (c) all information needed by Emerson to: (i) apply for necessary export and import licenses and government authorizations and (ii) comply with Laws against bribery, corruption and money-laundering and Emerson's policies on them; and (d) any trade compliance certification or letter of assurance requested by Emerson in relation to trade compliance Law.

Neither Emerson nor Customer will engage in any activity that exposes the other party or an Affiliate to a risk of penalties under Laws forbidding improper payments, including bribes.

14. Laws and Regulations: Both parties will comply with all Laws, except to
Contract in whole or in part for its own convenience only with Emerson's written agreement and following Emerson's then current policies and cancellation charges.

9.3 Termination after 90 Days' Force Majeure: Either party may and the Contract without liability by written notice to the other if performance of the Contract is delayed or prevented by a cause listed in Clause 12 for 90 Days. Unless prevented by a cause listed in Clause 12, Customer will pay Emerson for all Goods, Documentation, Software licenses and Services delivered before the notice was given and for work in progress.

the extent a party is prohibited from doing so based upon a conflict of Laws. The Contract does not require Emerson to collect, treat, recover or dispose of anything Law treats as 'waste'. If the Law on waste requires Emerson to dispose of something it supplied, Customer will, if allowed by Law, pay Emerson to dispose of it at Emerson's standard charge. If Emerson has no standard charge, Customer will pay Emerson's costs incurred in the disposal (including handling, transport and a reasonable mark-up for overhead). Each party must ensure that its Personnel will, while on the premises of the other party, comply with the other party's reasonable site rules on HSSE that are communicated in writing to the visitor before its arrival, and with the other party's reasonable instructions relating to HSSE. Emerson objects and does not agree to the application of any governmental procurement provision to the Contract.

15. Nuclear and Medical End-use: GOODS, Firmware, SOFTWARE, DOCUMENTATION, SERVICES and THE PRODUCTS OF SERVICES SUPPLIED UNDER THE CONTRACT MUST NOT BE USED (i) IN CONNECTION WITH ANY MEDICAL, LIFE-SUPPORT OR RELATED APPLICATIONS, or (ii) UNLESS OTHERWISE AGREED IN WRITING BY BOTH PARTIES AND COMBINED WITH AN EXECUTED NUCLEAR DEFENSE & INDEMNIFICATION AGREEMENT, IN CONNECTION WITH ANY NUCLEAR OR NUCLEAR-RELATED APPLICATION(S). Regardless of whether Customer is the owner/operator of the nuclear, medical or other facility, Customer: (a) accepts all Goods, Software, Documentation, Services and products of Services with these restrictions; (b) agrees to communicate these restrictions in writing to all later buyers or users; and (c) agrees to defend and indemnify Emerson and Emerson Affiliates from all claims arising from such use of Goods, Firmware, Software, Documentation, Services and products of Services. This indemnity covers every sort of claim, including allegations of negligence, strict liability or product liability.

16. Limitation of Liability: EMERSON AND ITS AFFILIATES WILL NOT BE LIABLE FOR DAMAGES CAUSED BY DELAY IN PERFORMANCE, THE REMEDIES OF CUSTOMER STATED IN THIS CONTRACT ARE EXCLUSIVE, REGARDLESS OF THE TYPE OF THE CLAIM (WHETHER BASED IN CONTRACT, INFRINGEMENT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE), EMERSON'S AND ITS AFFILIATES' LIABILITY TO CUSTOMER AND ITS AFFILIATES WILL NEVER EXCEED THE CONTRACT PRICE. NEITHER PARTY WILL EVER BE LIABLE FOR (A) DAMAGES FOR LOSS OR CORRUPTION OF DATA, OR CYBER ATTACKS, OR (B) INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES. "CONSEQUENTIAL DAMAGES" INCLUDE BUT ARE NOT LIMITED TO LOSS OF ANTICIPATED PROFITS, REVENUE, PRODUCTION OR USE AND COSTS INCURRED INCLUDING WITHOUT LIMITATION FOR CAPITAL, FUEL AND POWER, REPLACEMENT PRODUCT AND CLAIMS OF EACH PARTY'S AFFILIATES. No action, regardless of form, relating to this Contract, may be brought more than 2 years after the claim arose.

17. Applicable Law, Disputes, Notices: Missouri law governs the Contract and its interpretation. The parties agree to exclude any effect on that law of the 1980 United Nations' Convention on Contracts for the International Sale of Goods and, so far as legally possible, any rules which might apply the laws of another jurisdiction. The State of Missouri's courts or the U.S. federal district courts in Missouri have exclusive jurisdiction over all disputes arising out of the Contract. No action, regardless of form, relating to this Contract, may be brought more than 2 years after the claim arose.

18. Entire Agreement: The Contract is the exclusive and entire agreement between the parties on its subject matter. At Acknowledgment, the Contract supersedes all previous or existing agreements, negotiations, representations and proposals, written or oral, express or implied, on that subject matter.

19. Definitions: In these Terms:
Acknowledgement is Emerson's written acceptance of the PO by means of Emerson's standard order acknowledgement form, including all text on the form and its attachments.

Affiliate of an entity is any body that entity controls, is controlled by or is under common control with. 'Control' of an entity means the direct or indirect beneficial ownership of more than half the shares, or other participating interest with the right to vote or to receive profits of that entity.

Contract is the agreement between Customer and Emerson for the supply of the Goods and any Documentation, Software and Services. The Contract consists of: Emerson's quotation, the PO, the Acknowledgement, these Terms, and all other documents contained or referred to in the agreement. (See Clause 1.3 for the order of priority of these documents.)
Material Selection

Emerson Process Management provides a variety of products with various options and configurations including materials of construction that can be expected to perform well in a wide range of applications. The product information presented is intended as a guide for the purchaser to make an appropriate selection for the application. It is the purchaser's sole responsibility to make a careful analysis of all process parameters (such as all chemical components, temperature, pressure, flow rate, contaminants, etc.), when specifying materials and options and for the particular application. Emerson Process Management is not in a position to evaluate or guarantee the compatibility of the process fluid or other process parameters with the materials and options selected.
TO:  All Bidding Contractors  

Phone: TBD  
Fax:TBD  

This quotation reflects our policy of sourcing materials in the most cost effective manner. Any requirement for a specific US content may require a revised quotation.  

We are pleased to submit the following proposal for your consideration:

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<tr>
<th>ITEM</th>
<th>QTY</th>
<th>LEAD-TIME</th>
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<td>42&quot; Flange 250B Butterfly Valve 125# Drilling, Buna Seat, DI Body, DI Disc, 17-4SS Shaft, Teflon Lined Fiberglass Backing Bearing, Auma Wormgear w/ BSN , 8 Mils Amercoat 370 Epoxy Interior, 8 Mils Amercoat 370 Epoxy Exterior, 304SS Hardware</td>
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<td>8-10 weeks</td>
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<td>$1,621.80</td>
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<td></td>
<td>Start Up Includes 1 Trip(s) and 2 Day(s) of Service, Does not include training.</td>
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Proposal Total: $223,974.22

REV 1 - 3/4/2020: Revised scope

If you have any questions regarding this proposal, please contact our local sales representative:
Southwest Valve & Equipment
714-832-1090
14081 Yorba Street #109
Tustin, CA 92780

Sincerely,
Laura Polito
Lpolito@henrypratt.com
Commercial Terms:
- **FOB Point**: Origin
- **Freight Terms**: PPA Pre-Pay & Allow
- **Payment Terms**: Net 30 Days
- **Price Validity**: 30 Days
- **Warranty**: 24 Months as defined in Terms and Conditions of Sale
- **Packaging**: Standard

Extended Warranty—Other than duration, Terms and Conditions of Sale shall apply
- ADD 2% FOR 36 MONTH WARRANTY
- ADD 3% FOR 48 MONTH WARRANTY
- ADD 5% FOR 60 MONTH WARRANTY

1. **Quoted Prices Exclude**:
   1.1 All Taxes
   1.2 Flange nuts, bolts, gaskets, anchor, mounting bolts, Victaulic couplings, Mechanical Joint Accessories, thimbles, or non-standard tags.
   1.3 Extension stems, soil pipes, valve boxes, covers, or “tee” wrenches
   1.4 Installation and start-up service, on-site training, classroom instruction.
   1.5 Hydraulic oil for cylinder operators and/or accumulator systems.
   1.6 Spare parts

2. **Clarifications**
   2.1 Hydrostatic testing will be performed using ambient water temperature
   2.2 Any additional information concerning submittals, O&M manuals, Pipe specs, etc., that were not provided at time of quote may impact price and delivery.
   2.3 The quoted list of materials included herein represents our interpretation of Plans and Specifications (as provided ) and is not guaranteed to be complete or correct. Prices are subject to change upon review of actual job specifications.
   2.4 Electronic submittals and O & M manuals will be provided in PDF electronic format. Hard copies are available upon request.
   2.5 The proposed Field Service Option includes technical support and assistance with repairs and/or installations.
   2.6 Customer is to provide safe access and a safe working environment. Additionally, the customer is to supply power, light, air source (80 PSI), all rigging including ladders, scaffolding and cranes necessary for repairs and/or installations. (Valves 30” and smaller must be removed from the line for seat removal/installation)
   2.7 Because actual service time may vary due to unforeseen circumstances, the Field Service pricing offered is an estimate only. The actual cost of the field service visit will be billed by the Henry Pratt Company.
   2.8 Henry Pratt Field Service appointments are not scheduled until receipt of a purchase order and are based on current availability of a service technician.

**CONDITIONS OF SALE**

3. **Prices are firm and proposal is valid providing**:
   3.1 Buyer’s purchase order is received within 30 days of bid opening date. If purchase order is not received within 30 days, Seller reserves the right to re-quote and adjust price and/or delivery lead time.
   3.2 Quotation assumes shipment of complete quoted material within 365 days from date of a received purchase order.
   3.3 Approved drawings, if specifically required by purchase order, are returned within thirty (30) days of submittal date, with full release to manufacturing. If approved drawings are not received within 30 days, Seller reserves the right to re-quote and adjust price and/or delivery lead time.
3.4 Henry Pratt Company’s Terms and Conditions of Sale apply to this quotation. A copy of our Terms and Conditions of Sale can be downloaded from https://www.henrypratt.com/sites/henrypratt.com/files/uploads/media/13313-terms-and-conditions-of-sale-pratt_9-10-2018_0.pdf.

3.5 Quoted shipping dates are estimates only based on shop loads and lead times of materials from outside vendors. Seller will meet quoted schedules or reflect currently schedules upon order acknowledgement. Lead time shall be mutually agreed to at the time of product release to manufacture and credit package approval by Seller. Seller shall not be responsible for delay in deliveries due to any cause beyond Seller’s reasonable control, regardless of theory of liability.

3.6 Seller shall not be liable for Buyer’s loss of profit, indirect, liquidated, incidental, or consequential damages, regardless of theory of liability. Seller’s total liability shall not exceed the unit purchase price of the products supplied. Indemnification shall be limited solely to Seller’s negligence.

3.7 This quotation is based on payment terms of Net 30 Days from date of invoice with no retainage. Payment terms are extended to customers who have completed a credit application, including credit agreement, and have been approved by our Credit Department. Payment must be made in advance of shipment for all other accounts.

ALL QUOTATIONS/PURCHASE ORDERS ARE SUBJECT TO RENEGOTATION IF DIFFERING TERMS AND CONDITIONS ARE STATED IN BUYER’S PURCHASE ORDER WHEN RECEIVED.
Southwest Valve
14081 Yorba Street #109  
Tustin, Ca. 92675
Ph. 714-832-1090  F 714-832-1091
virgil@southwestvalve.com

TO:  SBVMWD  
Attn:  Mike Esquer

<table>
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<th>SIZE</th>
<th>DESCRIPTION</th>
<th>UNIT PRICE</th>
<th>LINE TOTAL</th>
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<td>4.00</td>
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<td>$3,598.00</td>
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<td>Full Port, F10/F12 B.C., with STFE Seats, Complete with Worm Gear Operator &amp; Handwheel</td>
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<td>Model# D9-F1-0400-SGX</td>
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</table>

Quotation prepared by: Virgil Diaz
TOTAL = $3,598.00

This is a quotation on the goods named, subject to the conditions noted below:

THANK YOU FOR YOUR BUSINESS!

31
Southwest Valve Terms and Conditions of Quotation

1. Unless stated otherwise, the terms and conditions of the manufacturers listed herein will apply to this quotation.

2. All items listed are based on Southwest Valve’s interpretation of the requirements in accordance with the plans and specifications. No warranty is made regarding quantities, materials of construction or type of materials quoted.

3. Shipping dates are approximate and are based on dates provided by the manufacturers at time of bid.

4. Any materials not specifically quoted are to be supplied by others.

5. Operation, Installation and Maintenance of materials quoted are the responsibility of the owner or contractor. Unless specified otherwise, all actuators will be mounted in the manufacturers facility. Orientation of the actuators in the responsibility of the owner, contractor or client prior to release of material for fabrication.

6. Unless stated otherwise, start-up and training are not included.

7. Unless stated otherwise, sales tax, freight, fees or duties are not included.

8. Any attachments or listed documents are considered a part of this quotation.

9. We retain the right to modify this quote if any changes are made to the plans and/or specifications. Where materials listed in this quotation differ from the specifications we retain the right to offer a revised quotation.
This memorandum provides background information regarding the development of the Cactus Connector Pipeline, which will facilitate delivery of State Water Project (SWP) water from the Lytle Creek Turnout and West Valley Water District’s (WVWD) Roemer Hydroelectric Station to the Cactus Basins for recharge. A scope enhancement to the existing contract with NLine Energy for engineering and design services, pertaining to the Cactus Connector Pipeline, was discussed at the Engineering Board of Directors’ Workshop on April 14, 2020. The Directors at the workshop asked that this item be placed on an upcoming Board of Directors’ meeting for consideration.

Background
In November 2014, Valley District entered into a professional design services contract with NLine Energy for the Cactus Basin Turnout and Lytle Creek Turnout Modification Project (Project). The Project consisted of modifications to the Lytle Creek Turnout, construction of WVWD’s Roemer Hydroelectric Station, and installation of the Cactus Basins Connector Pipeline. The overall Project has been prioritized and constructed in different phases. The modifications to the Lytle Creek Turnout and the Roemer Hydroelectric Station have since been completed and are functional. The remaining Cactus Basin Connector Pipeline, which connects the tailrace of the Roemer Hydroelectric Station to a City of Rialto’s storm drain is in the final design stage and the construction is scheduled to begin in early 2021 pending completion of necessary California Environmental Quality Act (CEQA) documentation.

The purpose of the Cactus Connector Pipeline is to convey SWP water from the Devil Canyon-Azusa Pipeline via Lytle Creek Turnout to the Cactus Basins for recharge. When complete, the
Cactus Connector will connect from the newly completed WVWD Roemer Hydroelectric Station to the City of Rialto’s storm drain at W Cheshire St and N Cedar Ave, which will then flow through a series of flow control and conveyance appurtenances to the Cactus Basins.

The original design called for a tie-in location of the Cactus Connector Pipeline at N Cedar Ave and W Bohnert Ave per the discussion with the City of Rialto staff. However, upon further utility investigations, it was revealed that the storm drain on N Cedar Ave. between W Bohnert Ave and W Cheshire Avenue was never constructed, which is contrary to the records obtained from the City. Valley District then asked NLine to evaluate alternative pipeline routes and their associated costs, specifically at an alignment utilizing Ayala Ave. Based on the Pipeline Alignment Feasibility Analysis the best overall alternative that NLine Energy recommends is keeping the same alignment as original on Cedar Ave but extending the alignment by approximately 1,200 linear feet further south to W Cheshire St. Valley District staff concurs as this is the most cost effective and risk adverse alignment selection when compared to the other alternative (i.e. Ayala Ave.). A copy of their work is attached for reference (see Attachment 2). Please see Attachment 3 for a drawing of the proposed Cactus Connector Pipeline alignment.

As this work has been unforeseen and out of scope, NLine Energy is asking for additional funds to complete the design work to extend the pipeline from Bohnert Ave to W Cheshire St. It is estimated that an additional $14,564 is needed to complete the required task. Staff reviewed the detailed cost breakdowns and found the requested fees reasonable for the anticipated work.

**Fiscal Impact**
The estimated cost of $14,564 for the additional engineering and design is included in the approved Fiscal Year 2019-2020 General Fund Budget, under line item 6360 Consultants.

**Staff Recommendation**
Staff recommends the Board of Directors authorize the General Manager to execute an amendment to the professional services agreement with NLine Energy to enhance the design scope of services and increase the fees in the amount of $14,564.

**Attachments**
1. NLNline Energy Amendment #4 Request
2. SBVMWD Alternative Alignment Technical Memo for the Cactus Pipeline Project
3. Cactus Pipeline Alignment
April 2, 2020

Mr. Mike Esquer  
San Bernardino Valley Municipal Water District  
380 East Vanderbilt Way  
San Bernardino, CA  92408

Subject:  Cactus Pipeline and Flow-Split Structure – Scope and Fee proposal for Cactus Pipeline Ayala Drive Alignment Feasibility Study (Job # 1786, Amendment #4)

Dear Mr. Esquer,

The following proposal is a request for an amendment to our current contract for design development services on the Cactus Pipeline Project. The proposal is to complete the design based on the selected alignment from the Pipeline Alignment Feasibility Assessment Analysis (Study). Valley District requested NLine provide a Study to determine whether a different alignment along Ayala would be more cost effective than the originally proposed Cedar Avenue alignment. The results of the Study yielded the Cedar Avenue alignment as the preferred option over Ayala.

A. General Description of Additional Services

NLine Energy provided a study to determine the feasibility of routing the alignment of the Cactus Pipeline through Ayala Dr. rather than North Cedar Ave.  
The following work was performed:

Task 1 – Engineering Design
Task 1.1 – Pipeline Alignment Feasibility Assessment Analysis

- **Review Utility Data** - This task included coordination between NLine, D&A and SBVMWD to obtain pertinent information on existing tie-in locations and major utility crossings. The NLine team reviewed the utility information as received.
- **Establish a Conceptual Alignment** – The utility information was gathered and reviewed. Known information was plotted in a CAD drawing with the proposed conceptual pipeline alignment for the new Cactus Pipeline.
- **Hydraulic & Pipe Size Analysis** - The conceptual design was checked to ensure it worked hydraulically and passed the required flow without spilling out onto the streets above the pipe. The appropriate pipe size was selected.
• **Cost Comparison of Alignments** - Preliminary construction cost estimates for the alignment on North Cedar and the alignment on Ayala Drive were prepared to compare the alternatives and aid in the choice of a final alignment.

• **Report of Findings** - All of the results from the above tasks were compiled and organized into a short technical memorandum (TM), with a final alignment recommendation for design.

**Task 1.2 – North Cedar Ave Bohnert to Cheshire Design Services**

- **Review Utility Data** - This task included coordination between NLine, D&A and SBVMWD to obtain pertinent information on existing tie-in locations and major utility crossings. SBVMWD gathered and provided the required utility and as-built information. The NLine team reviewed the information as received.

- **Additional Pipeline Design** – Complete design through final bid documents for adding 1,200 linear feet of pipeline.

**Task 1.3 – Credit from Amendment #2 Lytle Creek Crossing Design**

- Credit for Design work not completed for the connection to the Lytle Creek Powerhouse

**Task 2 - Project Management, Coordination, QA/QC**

NLine Energy provided cross-discipline coordination, QA/QC, and project management.

**B. Fee Estimate**

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<th>Task</th>
<th>Title</th>
<th>Amt.</th>
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<td>Task 1:</td>
<td>Engineering Design</td>
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<tr>
<td></td>
<td>Feasibility Alternative Analysis</td>
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<td>North Cedar Ave – Bohnert to Cheshire Design</td>
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<td>Credit for Lytle Creek Crossing Design</td>
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Thank you for the opportunity to support Valley District.

Best Regards,

Mathew Swindle  
CEO  
NLine Energy, Inc.
January 23, 2020

Andrew Benjamin
NLine Energy, Inc.
405 Portway Ave, Suite 300
Hood River, OR 97031

Subject: Amendment #3- Cactus Pipeline Project
Ayala Drive Alternate Route Analysis and N. Cedar Ave Bohnert to Cheshire Design Services

Andrew,

The following proposal is a request for an amendment to our current contract for design development services for the SBVMWD Cactus Pipeline Project. Domenichelli & Associates (D&A) has completed a study of the feasibility of routing the alignment of the Cactus Pipeline through Ayala Drive rather than extending the pipeline further down North Cedar Ave. This study was an out of scope item. This analysis resulted in the recommended pipeline route to continue down N. Cedar from Bohnert Avenue to Cheshire Street. This amendment is for the alignment study and the added design to complete the project down to Cheshire Street.

Our scope and fee for this amendment are attached for your review.

Thank you for your consideration of this request.

Sincerely,

Joseph Domenichelli, P.E.
President, Domenichelli & Associates, Inc.
Scope of Services for:

San Bernardino Valley Municipal Water District
Cactus Pipeline Project, Ayala Drive Alternate Route Analysis and N. Cedar Ave Bohnert to Cheshire Design Services

Ayala Drive Route Feasibility Analysis

Task A1- Review Utility Data

This task includes coordination with NLine and SBVMWD to obtain pertinent information on existing tie-in locations and major utility crossings. It is assumed that SBVMWD will be gathering and providing the required utility and as-built information. D&A will review the information as received.

Task A2 – Establish a Conceptual Alignment

Once utility information is gathered and reviewed, we will plot the known information in a CAD drawing to determine a possible alignment for the new Cactus Pipeline.

Task A3 – Hydraulic & Pipe Size Analysis

The conceptual design will be checked to ensure it will work hydraulically and pass the required flow without spilling out onto the streets above the pipe. As part of this check, an appropriate pipe size will be chosen.

Task A4 – Cost Comparison of Alignments

Preliminary construction cost estimates for the alignment on North Cedar and the alignment on Ayala Drive will be prepared to compare the alternatives and aid in the choice of a final alignment.

Task A5 – Report of Findings

All of the results from the above tasks will be compiled and organized into a short technical memorandum (TM). The end goal of the TM will be to recommend a final alignment for design.

N Cedar Avenue Pipeline Extension (Bohnert to Cheshire)

Task B1- Research Utility Information Needs and Coordinate Surveying

This task includes:
Create a list of utility mapping needs including as-built drawings of storm drains at the tie-in location. SBVWD will obtain this information and provide it to D&A. D&A will review the utility data before finalizing topographic survey requirements.
Determine field survey needs for the final design of the new reach and coordinate with SBVWD who will contract with a local surveyor to obtain the design survey.

**Task B2 – Additional Pipeline Design**

This task includes complete design through final bid documents for adding 1200LF of pipeline:
- Pipeline sizing per the hydraulic calculations for the new reach
- Design new Plan and Profile sheets from information obtained in Task 1B.
FEE ESTIMATE

The estimate of fees located below is based on the scope of work provided.

Ayala Alignment Feasibility Analysis

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<td></td>
<td>Joe D</td>
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<td></td>
<td>190</td>
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<td>A1  Review Utility Data</td>
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<td>A2  Establish a Conceptual Alignment</td>
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<td>A3  Hydraulic &amp; Pipe Size Analysis</td>
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<td>A4  Cost Comparison of Alignments</td>
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<td>A5  Report of Findings</td>
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Cedar Avenue Extension Design

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<td></td>
<td>Joe D</td>
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<td>190</td>
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<td>1B  Research Utilities and Coord Surveys</td>
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<td>Subtotals</td>
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<td>2B  Additional Pipeline Design</td>
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<td>Hydraulics Calcs for New Reach</td>
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<tr>
<td>Design Plan &amp; Profile Sheets (3)</td>
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In addition to the above out of scope added fees, there is a credit for design work not completed under Amendment #2 for the connection to Lytle Creek Power Plant. This includes Task 4.b and 4.c that amount to $14,400. The total Amendment #3 request below reflect all of these changes.

### Amendment #3 Request

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<td>Fee for N Cedar Pipeline Extension Design:</td>
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<td>Credit from Amendment #2 Lytle Creek Crossing Design Task 4:</td>
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<tr>
<td><strong>Total Amendment #3 Request:</strong></td>
<td><strong>$13,240</strong></td>
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Background and Purpose

This Technical Memorandum (TM) provides the San Bernardino Valley Municipal Water District (SBVMWD) an assessment of alternative alignments of the Cactus Pipeline Project. The project is located in the City of Rialto, in San Bernardino County, California. This project includes installing pipe to convey low pressure discharge from the West Valley Water District’s Hydroelectric Station, located at the Oliver P. Roemer Water Treatment Facility (Roemer Hydro), to the City of Rialto’s storm drain system. The storm drain discharges water into the Cactus Basins south of the 210 Foothill Freeway. Two alignments with tie-ins at two different locations are being considered for this “Cactus Recharge Pipeline”. The purpose of this memorandum is to summarize the characteristics of the two alignment choices and present a cost evaluation of each to facilitate discussion and ultimately support an alignment selection.

Description of Alternatives

Figure 1 is a map of the project area showing existing facilities as well as the alternative new pipeline alignments.

The Cactus Recharge Pipeline will originate at the Roemer Hydro (point A). The first section of pipeline would be constructed parallel to North Riverside Avenue and run approximately 420 ft. in a south east direction (point B). The pipeline would then turn south west along North Cedar Avenue for approximately 800 ft. (point C), then south east again along North Apple Avenue 1100 ft. to the intersection of N. Apple Ave. and Summit Ave. (point D)

From the intersection of N. Apple Ave. and Summit Ave (point D) there are two available pipeline alignments:

- The “Cedar Alternative” is approximately 4,500 ft in length, from point D, west along Summit Ave then south on North Cedar Ave. to W Cheshire St. (point F).
- The “Ayala Alternative” is approximately 3,190 ft in length, from point D continuing along North Apple Ave. to Ayala Drive, then south along Ayala to Bohnert Ave. (point G).

The Cedar Alternative will terminate at the existing 48-inch storm drain on West Cheshire Street and the Ayala Alternative will terminate at the existing 48-inch storm drain on Bohnert Avenue. Both storm drains are under City of Rialto jurisdiction.

The pipeline alignment section from the Roemer Hydroelectric Plant to the intersection of N. Apple Ave and Summit Ave (point A to point D) is common to both the N. Cedar Ave and Ayala Dr. alignments and has no bearing on the choice between the alternates presented. Therefore, it was not considered in this analysis. Only the portions of N. Cedar and the Ayala alternatives which are not common to both are considered.
Figure 1: Cactus Recharge Pipeline - Alternative Alignment

- Existing
- New Cedar Alignment
- New Common Alignment
- New Ayala Alignment
The following tables present a summary of the characteristics of each alignment option and Appendix A provides a cost estimate comparison for each alternative.

**Evaluation of Alternatives**

<table>
<thead>
<tr>
<th>Existing Utilities</th>
</tr>
</thead>
</table>

The following utilities were contacted to determine the location of existing utilities:

1. City of Rialto
2. Kinder Morgan
3. The Metropolitan Water District of Southern California (MWD)
4. Pacific Bell (AT&T)
5. Southern California Gas Company (SoCal Gas)
6. Southern California Edison (SCE)
7. Time Warner Cable
8. West Valley Water District (WVWD)

Both alignments have similar utilities: water, gas, sewer, and communications. Kinder Morgan and MWD had existing utilities in the project area, but none in the path of either alignment.

Storm water is managed through surface runoff within curb gutters that parallel the roads and drain into existing storm drain inlets on each alignment.

The existing utilities in N. Cedar Ave. are configured such that a possible corridor for the proposed pipe alignment has been identified. However, on Ayala Ave., the information we have is very limited and the positions of existing utilities are not known to a degree sufficient to make a positive pathway determination. Based upon information we do have, it appears a pathway exists, but the uncertainty is far greater than for N. Cedar Ave.

<table>
<thead>
<tr>
<th>Cedar Ave Alignment</th>
<th>Ayala Drive Alignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility Conflicts (21 total):</td>
<td>Utility Conflicts (28 total):</td>
</tr>
<tr>
<td>- Water mains (8)</td>
<td>- Water mains (6)</td>
</tr>
<tr>
<td>- Water laterals (7)</td>
<td>- Water laterals (7)</td>
</tr>
<tr>
<td>- Sewer main (3)</td>
<td>- Sewer laterals (9)</td>
</tr>
<tr>
<td>- Sewer laterals (2)</td>
<td>- Sewer main (2)</td>
</tr>
<tr>
<td>- Communication lines (1)</td>
<td>- Gas lines (3)</td>
</tr>
</tbody>
</table>

There are fewer utility conflicts that may impact construction costs and schedule.

There are more utility conflicts that may impact construction costs and schedule. The potential for change orders is higher with this alternative with the added number of utility crossings. Potential deeper pipe construction with added shoring and utility conflicts. A contingency for the above cost impacts is included in the cost analysis.
**Traffic Impacts**

Both alignments traverse residential areas. Residential areas are accessible by multiple alternate arterial streets that would minimize direct impacts to the ingress/egress of individual homes, city services, and emergency response.

<table>
<thead>
<tr>
<th>Traffic Impacts (36 total):</th>
<th>Traffic Impacts (30 total):</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Residential Driveways (23)</td>
<td>• Residential Driveways (18)</td>
</tr>
<tr>
<td>• Municipal facility driveways (1)</td>
<td>• Municipal facility driveways (1)</td>
</tr>
<tr>
<td>• Intersection crossings (12)</td>
<td>• Intersection crossings (9)</td>
</tr>
</tbody>
</table>

Cedar Ave. is a two-lane bi-directional road that is assumed to experience moderate to light traffic; it is not considered a commercial route.

The logistics of detouring or closing roads to through traffic are expected to be simpler due to the minimal number of residents impacted and lighter traffic.

Ayala Dr. is a four-lane, bi-directional, major collector road with a center turn lane and bike paths and is used by commercial traffic, as confirmed by the City of Rialto website. Traffic load is higher than N. Cedar Ave with anticipated spikes at rush hour.

The logistics of detouring traffic or partial/full road closure are expected to be more difficult and may result in night work depending on City requirements to minimize traffic congestion.

**Construction**

Both alignments:

- Would be constructed within the paved right-of-way
- Would be installed using an open cut method that would utilize vertical shoring to minimize the construction footprint
- Would require a minimum construction footprint width of approximately 24-ft
- Contractor would be required to have all exposed trenches backfilled and plated by the end of each given day
- Have sufficient elevation change to allow for good pipe slope and velocities
- Are expected to have similar pipe diameters, with the exception that Ayala would likely have less 42” pipe due to a continuous downhill surface gradient.
Cedar Ave Alignment | Ayala Drive Alignment
---|---
This alignment is approximately 1,300 feet longer than the Ayala Drive Alignment, resulting in a longer construction phase. | This alignment should require only minimal pipe cover over the entire alignment, based upon the surface gradient. This could be negated by needing to cross an unknown utility and having to excavate deeper. Due to the nature of gravity piping, once a pipe is installed to a particular elevation, it must remain at or below this elevation.

Approx. 500-ft of alignment would have greater than 5-ft of pipe cover due to downstream increased surface elevation. This will result in additional excavation. | The rate of construction is expected to be somewhat faster as a result of simpler logistics associated with road closures.
The rate of construction is expected to be slower due to the higher level of traffic control and potentially more and deeper utility crossings. The location and depth of existing utility crossings are unknown at this time.

Road restoration costs are expected to be less per square foot due to the road type (minor road), thinner AC sections, impact to only half the road (~13-ft), minimal striping restoration (e.g. road centerline). | Road restoration costs are anticipated to be more per square foot because of the road type (e.g. major road), thicker AC section, impacts to multiple lanes, overlay requirements, re-striping requirements, and potential damage to existing curb and gutter.

Cost

Costs are based on recent bids received for similar projects and discussions with vendors. The cost of pipe installation is combined with the material cost by multiplying the material cost by 2 for minor roads. To account for increased costs associated with major road work, the material cost of pipe on major roads is multiplied by 2.5.

For pavement restoration, several assumptions were made:

- Existing pavement in both Cedar Avenue and Ayala Drive is older than 5 years and will require trench repair only.
- Existing pavement for minor roads is 4 inches thick minimum and 6 inches thick for major road (Ayala Drive).
- Pavement restoration includes only a single lane for both minor and major roads.

Anticipated Non-construction Costs

Except for the southern-most portion (1,300 ft), the utilities along the N. Cedar alignment are fairly well documented. Ground Penetrating Radar (GPR) has been used to locate and mark utilities and estimate their depths. These marks have been surveyed and a background CAD file created. The utilities in the southern portion of the alignment are expected to be minimal. The cost for performing these services as well as initial engineering has already been spent and would become a sunk cost for the Ayala alignment if chosen. If the N. Cedar alignment is chosen, additional survey for the southern 1,300ft will be required. The costs for these services are estimated to be around $10,000.
The same investigations have not been performed on the Ayala alignment; therefore, many uncertainties exist along this path. The number of uncertainties can be reduced by performing similar surveys to the above for the Ayala alignment. This will incur added costs including traffic control, engineering coordination, GPR services, and surveying. The costs for these services are anticipated to be greater than $30,000.

The cost for design services for each alternative will vary. Ayala is anticipated to be the more costly design due to the number of unknowns, such as unmarked utilities, possible deep excavations to avoid unknown obstructions, as well as extra traffic control. To reduce the risks from unknowns, the District could proceed with the utility surveys ahead of the design process and supply this information to the designer.

For the Ayala alternative, as part of the encroachment permit requirements, the City of Rialto may wish to incorporate storm drainage into the pipe installed for this project. This would entail revised hydraulics, larger diameter piping, revising pipe materials from a relatively inexpensive corrugated HDPE pipe to a much more expensive concrete pipe, as well as drain inlets and lateral piping.

The table below presents a summary of the estimated construction costs. The costs were calculated to be similar, with a difference of only $112,000.

<table>
<thead>
<tr>
<th>Alternative</th>
<th>Total Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cedar Avenue Alignment</td>
<td>$2,303,000</td>
</tr>
<tr>
<td>Ayala Drive Alignment</td>
<td>$2,415,000</td>
</tr>
</tbody>
</table>

The table below presents a summary of the estimated construction costs, including potential costs due to uncertainties. These costs increase the difference between the two options to $1,205,000. Attachment A presents the detailed probable cost estimates.

<table>
<thead>
<tr>
<th>Alternative</th>
<th>Total Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cedar Avenue Alignment</td>
<td>$2,432,000</td>
</tr>
<tr>
<td>Ayala Drive Alignment</td>
<td>$3,637,000</td>
</tr>
</tbody>
</table>

**Conclusions and Recommendations**

The N. Cedar Ave. alignment is the preferred alignment for the following reasons:

- The N. Cedar Ave. alignment has fewer traffic control issues and fewer utility crossings.
- The Ayala Drive alignment has many more utility location and obstacle uncertainties.
- Construction costs are projected to be approximately $1,205,000 less than the Ayala Alignment when uncertainties are included.
- The current lack of information for the Ayala Drive alignment results in its unit costs for some items being estimated higher than the comparative costs for N. Cedar. A 20% increase was added to the Ayala costs for piping.
- Other costs such as traffic control and engineering were estimated at a greater percentage as well.
ATTACHMENT A
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Units</th>
<th>Unit Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobilization/ Demobilization (3%)</td>
<td>1</td>
<td>LS</td>
<td>$ 51,400</td>
<td>$ 51,000</td>
</tr>
<tr>
<td>2</td>
<td>Administration, Staking, Permits, As-Builts (2.75%)</td>
<td>1</td>
<td>LS</td>
<td>$ 47,100</td>
<td>$ 47,000</td>
</tr>
<tr>
<td>3</td>
<td>Traffic Control (3%)</td>
<td>1</td>
<td>LS</td>
<td>$ 51,400</td>
<td>$ 51,000</td>
</tr>
<tr>
<td>4</td>
<td>Site Safety/Sheeting Shoring &amp; Bracing</td>
<td>4,500</td>
<td>LF</td>
<td>$ 8.00</td>
<td>$ 36,000</td>
</tr>
<tr>
<td>5</td>
<td>Water Pollution Control (1.25%)</td>
<td>1</td>
<td>LS</td>
<td>$ 21,400</td>
<td>$ 21,000</td>
</tr>
<tr>
<td>6</td>
<td>Pothole Existing Facilities</td>
<td>35</td>
<td>EA</td>
<td>$ 2,000</td>
<td>$ 70,000</td>
</tr>
<tr>
<td>7</td>
<td>36-Inch Double Wall, Corrugated, Smooth Interior</td>
<td>3,095</td>
<td>LF</td>
<td>$ 180</td>
<td>$ 557,000</td>
</tr>
<tr>
<td>8</td>
<td>42-Inch Double Wall, Corrugated, Smooth Interior</td>
<td>1,405</td>
<td>LF</td>
<td>$ 220</td>
<td>$ 309,000</td>
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<tr>
<td>9</td>
<td>Manholes (Less than 10' Depth)</td>
<td>12</td>
<td>EA</td>
<td>$ 18,000</td>
<td>$ 216,000</td>
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<tr>
<td>10</td>
<td>Manholes (Greater than 10' Depth)</td>
<td>3</td>
<td>EA</td>
<td>$ 24,000</td>
<td>$ 72,000</td>
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<td>11</td>
<td>4&quot; Pavement Restoration (T-Grind Trench)</td>
<td>58,500</td>
<td>SF</td>
<td>$ 7.50</td>
<td>$ 439,000</td>
</tr>
<tr>
<td>12</td>
<td>Type II Slurry Seal (Full Road Width)</td>
<td>144,000</td>
<td>SF</td>
<td>$ 0.35</td>
<td>$ 50,000</td>
</tr>
</tbody>
</table>

**Construction Cost**

$ 1,919,000

**Contingency**

20% $ 384,000

**Grand Total**

$ 2,303,000

---

**Other Estimated Cost Differences**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Units</th>
<th>Unit Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Traffic Control, GPR and Surveying</td>
<td>1</td>
<td>LS</td>
<td>$ 15,000</td>
<td>$ 15,000</td>
</tr>
<tr>
<td>2</td>
<td>Engineering Design (4%)</td>
<td>1</td>
<td>LS</td>
<td>$ 92,000</td>
<td>$ 92,000</td>
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</tbody>
</table>

**Construction Cost**

$ 107,000

**Contingency**

20% $ 22,000

**Subtotal**

$ 129,000

**Grand Total**

$ 2,432,000
## San Bernardino Valley Municipal Water District
### Project - Cactus Recharge Pipeline
#### Engineers Estimate of Probable Costs - Ayala Drive Alignment
December 2, 2019

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Units</th>
<th>Unit Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobilization/ Demobilization (3%)</td>
<td>1</td>
<td>LS</td>
<td>$52,100</td>
<td>$52,000</td>
</tr>
<tr>
<td>2</td>
<td>Administration, Staking, Permits, As-Builts (2.75%)</td>
<td>1</td>
<td>LS</td>
<td>$47,700</td>
<td>$48,000</td>
</tr>
<tr>
<td>3</td>
<td>Traffic Control (7%)</td>
<td>1</td>
<td>LS</td>
<td>$121,500</td>
<td>$122,000</td>
</tr>
<tr>
<td>4</td>
<td>Site Safety/Sheeting Shoring &amp; Bracing</td>
<td>3,200</td>
<td>LF</td>
<td>$10.00</td>
<td>$32,000</td>
</tr>
<tr>
<td>5</td>
<td>Water Pollution Control (1.25%)</td>
<td>1</td>
<td>LS</td>
<td>$21,700</td>
<td>$22,000</td>
</tr>
<tr>
<td>6</td>
<td>Pothole Existing Facilities</td>
<td>40</td>
<td>EA</td>
<td>$2,000</td>
<td>$80,000</td>
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<tr>
<td>7</td>
<td>36-Inch HDPE, Dbl. Wall, Corr., Smooth Interior (Minor Road)</td>
<td>590</td>
<td>LF</td>
<td>$216.00</td>
<td>$127,000</td>
</tr>
<tr>
<td>8</td>
<td>36-Inch HDPE, Dbl Wall, Corr., Smooth Interior (Ayala Drive)</td>
<td>2,100</td>
<td>LF</td>
<td>$270.00</td>
<td>$567,000</td>
</tr>
<tr>
<td>9</td>
<td>42-Inch HDPE, Dbl Wall, Corr., Smooth Interior (Ayala Drive)</td>
<td>500</td>
<td>LF</td>
<td>$330.00</td>
<td>$165,000</td>
</tr>
<tr>
<td>10</td>
<td>Manholes (Less than 10' Depth)</td>
<td>15</td>
<td>EA</td>
<td>$18,000</td>
<td>$270,000</td>
</tr>
<tr>
<td>11</td>
<td>4” Pavement Restoration (T-Grind Trench)</td>
<td>13,390</td>
<td>SF</td>
<td>$9.00</td>
<td>$121,000</td>
</tr>
<tr>
<td>12</td>
<td>6” Pavement Restoration</td>
<td>28,600</td>
<td>SF</td>
<td>$12.00</td>
<td>$343,000</td>
</tr>
<tr>
<td>13</td>
<td>Type II Slurry Seal (Full Road Width)</td>
<td>178,720</td>
<td>SF</td>
<td>$.35</td>
<td>$63,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Units</th>
<th>Unit Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Traffic Control, GPR and Surveying</td>
<td>1</td>
<td>LS</td>
<td>$30,000</td>
<td>$30,000</td>
</tr>
<tr>
<td>2</td>
<td>Change HDPE to Concrete (Additive difference)</td>
<td>1</td>
<td>LS</td>
<td>$740,000</td>
<td>$740,000</td>
</tr>
<tr>
<td>3</td>
<td>Engineering Design (8%)</td>
<td>1</td>
<td>LS</td>
<td>$193,000</td>
<td>$193,000</td>
</tr>
<tr>
<td>4</td>
<td>Sunk Survey Costs on N. Cedar</td>
<td>1</td>
<td>LS</td>
<td>$15,000</td>
<td>$15,000</td>
</tr>
<tr>
<td>5</td>
<td>Sunk Engineering Costs on N. Cedar</td>
<td>1</td>
<td>LS</td>
<td>$40,000</td>
<td>$40,000</td>
</tr>
</tbody>
</table>

- Construction Cost: $2,012,000
- Contingency: 20% $403,000
- Subtotal: $2,415,000

- Construction Cost: $1,018,000
- Contingency: 20% $204,000
- Subtotal: $1,222,000
- Grand Total: $3,637,000
Approx. Length of Pipe: 6,975 ft.
Size: 30” (525’)
Size: 36”-42” (6,450’)
Material: HDPE Double Wall, Corrugated, Smooth Interior
DATE: May 5, 2020

TO: Board of Directors

FROM: Wen Huang, Chief Engineer  
       Mike Esquer, Sr. Project Manager

SUBJECT: Consider Procurements of Fixed Cone Valves for the Santa Ana Low Turnout Project

This memorandum provides background information and proposed improvements for the Santa Ana Low Turnout Project (Project). This Project was discussed at the Board Workshop and Board Meetings in January 2018. Following the discussion with the Board, Staff was directed to execute a consulting contract for electrical engineering services and procurements of butterfly valves, flow meters, and a programmable logic control (PLC) panel for the Project. The electrical design is nearly complete and the requested procurements have been made. Upon further evaluation, Staff identified a procurement of three (3) fixed cone valves for consideration by the Board at the Engineering Workshop on April 14. At the conclusion of the discussion, the Board members in attendance directed staff to forward the procurement in the amount of $321,215 to the full Board for consideration.

Background:
The Santa Ana Low Turnout (SALTO) was constructed along with the Foothill Pipeline Phase 2 project between 1976 and 1979. The initial design of the Turnout was intended to accommodate a flow up to 288 cubic feet per second (cfs). Currently, the actual capacity of the facility is restricted to approximately 205 cfs due to the type of lining and guard valves used. In addition, this facility was designed to utilize a direct current (DC) power source, which is outdated and has made it problematic to replace the valves and instruments with the newer alternating current (AC) power requirements. The intent of this Project is to upgrade the entire electrical wiring, replace
the guard valves, flow meters, and flow control valves, and service or replace the existing fixed cone valves. Along with the improvements, the electrical controls will be placed with a new aboveground enclosure rather than in the underground vault for easier access. Upon completion of the improvements, the capacity of the facility will be increased to 250 cfs, which is closer to the original intended design flow rate and will be consistent with the intended future uses of the Turnout.

Staff has been evaluating options to either service or replace the two (2) 30 inch and one (1) 12-inch fixed cone valves. Staff first approached the Metropolitan Water District of Southern California (MWDSC) machine shop group and Industrial Valve & Equipment (IV&E) for serving/repair the three (3) valves. Upon completion of their independent assessment, MWDSC and IV&E recommended that the District consider purchasing new replacement valves because the cost for repair the existing valves would be extensive and likely cost as much as purchasing new valves.

Therefore, Staff requested proposals from Hartman Valve Corporation (District-approved Fixed Cone Valve alternative supplier) and Orbinox (recommended by MWDSC), respectively. The new fixed cone valves must be able to operate with the velocities greater than 70 feet per second (fps), provide positive shutoff capabilities, reduce the energy pressure head from approximately 100 pounds per square inch (psi) to atmospheric pressure, and meet the intended flow range of 5 cfs through 120 cfs per valve. Staff received two quotes for one 12” and two 30” fixed cone valves. Orbinox submitted a quote of $287,215 with an additional estimated $34,000 for tax, delivery & startup for a total procurement cost of approximately $321,215. Hartman Valve Corporation submitted a quote of $311,500 with an additional estimated $38,000 for tax, delivery & startup for a total procurement cost of approximately $349,500. Upon completion of the evaluation, Staff determined that both venders proposed acceptable valves that meet the operating criteria with Orbinox valves being the lower cost alternative. The estimated delivery time is approximately 36-40 weeks.

Financial Impact
The estimated cost for the procurement of approximately $321,215 is included in the approved Fiscal Year 2019-2020 General Fund Budget, Line Item 6280 Field Improvements.
**Staff Recommendations**

Staff recommends the Board of Directors authorize the General Manager to procure the fixed cone valves from Orbinox for the estimated cost of $321,215.

Attachments:

1. Orbinox Quote
2. Hartman Valve Corporation Quote
In response to your recent request we are pleased to quote the following:

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>NET UNIT PRICE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CH 12in electric + extension + pedestal + remote controller unit</td>
<td>1</td>
<td>USD 68,715.00</td>
<td>USD 68,715.00</td>
</tr>
<tr>
<td></td>
<td>HYDRAULIC WORKS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Model: CH - FIXED CONE VALVES</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Actuator: ELECTRIC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Body: 304</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gate: 304</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Seat: STAINLESS STEEL-EPDM</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Size (INCH): 12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Real working pressure: 98 psi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Design pressure: PN 10</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Body test pressure: 15 Bar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Seat test pressure: 11 Bar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Notes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Extensión + pedestal included (Aisi 304)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Remote controller unit with Wall bracket + 50 ft cables</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>CH 30in electric + extension + pedestal + remote controller unit</td>
<td>2</td>
<td>USD 109,250.00</td>
<td>USD 218,500.00</td>
</tr>
<tr>
<td></td>
<td>HYDRAULIC WORKS</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>Model: CH - FIXED CONE VALVES</td>
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<tr>
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<td>Actuator: ELECTRIC</td>
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<tr>
<td></td>
<td>Gate: 304</td>
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<tr>
<td></td>
<td>Seat: STAINLESS STEEL-EPDM</td>
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<tr>
<td></td>
<td>Size (INCH): 30</td>
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<tr>
<td></td>
<td>Real working pressure: 98 psi</td>
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<td></td>
<td>Design pressure: PN 10</td>
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<tr>
<td></td>
<td>Body test pressure: 15 Bar</td>
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<tr>
<td></td>
<td>Seat test pressure: 11 Bar</td>
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<td>Notes:</td>
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<tr>
<td></td>
<td>- Extensión + pedestal included (Aisi 304)</td>
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<tr>
<td></td>
<td>- Remote controller unit with Wall bracket + 50 ft cables</td>
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</tbody>
</table>

**REMARKS**

VALIDITY: 90 days

DELIVERY TIME: 28-30 weeks after drawing approvals. Subject to capacity, Christmas and August excluded.

TAXES: Not Included If Applicable

INCOTERM: DDP Jobsite (Delivered)

PAYMENT TERM: Net 30 days

**TOTAL** USD 287,215.00
San Bernadino Valley (SBVMWD)
Attn.:
Y/Reference: Devils Canyon SBVMWD

NOTES
Exclusions:

- Site preparation
- Truck offloading
- Installation (labor & material)
- Manufacturer's on site services
Hartman Valve Corporation
CAGE Code 3CRW1
700 Capac Ct, St. Louis MO 63125
Phone 480-216-0389
hartmanvalve@cox.net

Memo: HVC 872020

SANTA ANA LOW TURNOUT
Flanges = AWWA Class F (300#) [ALL VALVES]
Static Pressure = 150 psi [ALL VALVES]

One (1) 12"
Flow Range:
Inlet Pressure: 5 cfs @ 98 psi
Inlet Pressure: 20 cfs @ 45 psi
Outlet Pressure: Atmosphere
Max Exit Velocity = 18 fps
EMO = Rotork IQ, 3 phase, 480v Continuous Service Modulation
EMO with remote mount head and 50 ft of cable

All Stainless Steel Construction

HVC Axial Flow Control Valve
12” x 22” with conical velocity aerator for use with customer furnished stainless steel discharge liner.
Price $78,500

Two (2) 30"
Flow Range:
Inlet Pressure: 15 cfs @ 98 psi
Inlet Pressure: 120 cfs @ 45 psi
Outlet Pressure: Atmosphere
Max Exit Velocity = 18 fps
EMO = Rotork IQ, 3 phase, 480v Continuous Service Modulation
EMO with remote mount head and 50 ft of cable

All Stainless Steel Construction

HVC Axial Flow Control Valve
30” x 36” with conical velocity aerator for use with customer furnished stainless steel discharge liner.
Price $116,500 each

All valves will have cylindrical flow discharging against the outside diameter of a 90° cone bolted to the valve. This will produce aerated flow and control through the total stroke of the valve. There will be no coalesced jet flow exiting the valve. Coalesced jet flow is typical of fixed cone valves. These valves will be designed to work in conjunction with the customer furnished stainless lined discharge structure.

Price includes shipping to customer warehouse.
Payment: 50% prior to shipping, 50% 30 days after delivery.
Delivery: 40 weeks after drawing approval.

Brian Hartman
Mechanical Engineer
Hartman Valve Corporation
c) 480-216-0389
DATE: May 5, 2020
TO: Board of Directors
FROM: Heather Dyer, General Manager
SUBJECT: Director Travel Request

On March 12, 2019, the Valley District Board authorized Staff to develop a new procedure for Director Travel Requests. In an effort to provide Boardmembers with adequate time to consider a travel request, instead of making the request during Director’s Activities, a standardized form is filled out and submitted to staff at least one week prior to the meeting. A draft of the Travel Request Form was discussed at the Board of Directors Workshop on April 4, 2019. Staff finalized the form based on input from the Board and it is now available for use.

Once a travel request is received from a Director, Staff determines whether or not the type of travel actually requires Board approval (many types of Director travel are pre-approved). In the event that the travel request does require Board approval, Staff combines all the requests into a single Board action and presents it to the Board at a regular meeting for consideration. Directors will still be able to make requests orally from the dais for travel that they were not aware of one week prior to the meeting and that requires action before the next regular Board meeting.

Director Navarro is requesting to attend the San Bernardino County Water Conference on August 14, 2020, in Ontario, California. The attached forms provide the details of the travel request.

Fiscal Impact
The estimated cost of the travel expense is shown on the form. Sufficient funds are available in the approved 2019-2020 General Fund Budget in the Categories (6410 – Travel) and (6420 – Meals and Lodging) for this travel request.

Staff Recommendation
Consider attached travel request.
San Bernardino Valley Municipal Water District
Board of Directors
Request to Attend Meeting/Conference and Travel Authorization

Pursuant to the District’s Resolution on Establishing Rules and Procedures for Compensation of Directors and for Reimbursement of Directors and Staff, a Request to Attend Meeting/Conference and Travel Authorization must be completed and approved when: (check appropriate box)

☐ 1. Director is requesting to travel one (1) day in advance of an approved meeting;
☐ 2. Director is citing special circumstances where more than two (2) directors are necessary to attend ACWA;
☐ 3. Director is citing special circumstances where more than two (2) directors are necessary to attend CSDA;
☐ 4. Meetings and conferences described in Exhibit B, 2 and 3 are beyond a 100-mile radius of the District’s service area. (Exhibits A and B on back of this form)

**This form must be completed and approved by the Board in advance of departure**

A separate form must be completed for each event

<table>
<thead>
<tr>
<th>Director Name</th>
<th>Gil Navarro</th>
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<table>
<thead>
<tr>
<th>Travel Purpose and Destination</th>
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<tbody>
<tr>
<td>Name of Meeting or Conference</td>
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<tr>
<td>Date(s) of Event</td>
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<tr>
<td>Location and Site of Event</td>
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<table>
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<th>Travel Details</th>
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<td>Date of Departure</td>
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<td>Date of Return</td>
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<tr>
<td>Transportation Mode</td>
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<tr>
<td>(Check all that apply)</td>
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<thead>
<tr>
<th>Cost Estimate</th>
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<tbody>
<tr>
<td>Registration Fee</td>
</tr>
<tr>
<td>Estimated cost for Lodging, Transportation, Meals, and Other expenses</td>
</tr>
<tr>
<td>Number of days of Per Diem being requested times Rate</td>
</tr>
<tr>
<td>Are any expenses being reimbursed by a third party?</td>
</tr>
<tr>
<td>TOTAL ESTIMATED COST</td>
</tr>
</tbody>
</table>

Additional Notes (if necessary)
See attached flyer.

I hereby certify this information is true and correct.

[Signature]
Director’s Signature

4-19-2020
Date

Rev 4/2019
Registration Now Open | 2020 SBC Water Conference

From: SBC Water Conference (nicole@dandlpr.com)
To: gil4education@yahoo.com
Date: Monday, April 13, 2020, 8:44 AM PDT

Having trouble viewing this email? Click here

Registration now open...

On March 19, 2020, Governor Newsom issued an Executive Order directing all residents to stay home, except as needed to maintain continuity of operations of essential critical infrastructure sectors. On March 22, the State Public Health Officer designated the water and wastewater industry as an essential critical infrastructure.

It's true water is a essential, critical part of life and the economy!

The continued collaboration about our most precious resource will ensure that residents, business and the environment will have ample supply for years to come.

Join us August 14 as government officials, premier

Sponsorships Available

When
Friday August 14, 2020
9:00 a.m. - 1:00 p.m.
(Doors open at 7:30 a.m.)

Where
Ontario DoubleTree
water experts, business leaders and community stakeholders attend the region's largest event focused on solutions to overcome California's water challenges.

Register now to take advantage of early-bird pricing.

We hope you will join us for this solution-driven event!

---

**Early Bird Registration**

$99

*Ticket prices will increase after July 1, 2020*

**REGISTER NOW**

*Offer Expires 06/30/2020. Cancellation Policy. Deadline to cancel previously made reservations is 5 PM, FRI, AUG. 7TH. Registration not cancelled by this time including NO SHOW registrants are NON-REFUNDABLE and will be billed per company policy. A registrant can substitute another person if they cannot attend. Payment Policy. Payment must be received by event date or your registration will not be finalized and attendance will not be guaranteed.*

---

Sponsored by

[BIA Baldy View Chapter]

[San Bernardino County]

[Metropolitan Water District of Southern California]

[CADIZ]

[Imperial Valley Utilities Agency]

[Mojave Water Agency]

[Your Logo Here]

[Your Logo Here]

[Your Logo Here]

---

Desmond & Louis, Inc., 1255 West Colton Ave, #541, Redlands, CA 92374
DATE: May 5, 2020
TO: Board of Directors
FROM: Heather Dyer, General Manager
SUBJECT: Consider Funding Allocation for Upstairs Carpet Installation in Administration Building

The Board is being asked to consider allocating funds to replace the upstairs carpet at the District Administration building and authorize the General Manager to enter into a contract with Gerold Construction for installation of new carpet in the upstairs of the Administration building for $33,048.00.

**Background**
The San Bernardino Valley Municipal Water District Administration building was constructed in 2008 and the majority of the original tile and carpet floor coverings remain throughout the building. Much of the carpet has exceeded the average 7-10 year useful life for commercial grade carpet and exhibits worn traffic patterns, many stains and separating seams. Additionally, over the past 2-3 years, several interior remodeling projects have been completed to accommodate staffing changes and to improve the internal business workflow. As a result, new carpet was installed in the remodeled offices on the first floor. In early April, following the installation of new carpet in the most recent remodeled office, staff proceeded to install the same carpet in the remaining first floor offices, Board Room and conference rooms to maintain a consistent appearance throughout the first floor and address the concerns with wear as outlined above. Carpet tile was selected over broadloom (rolled carpet) for durability, ease of installation, and the ability to replace it in smaller sections, as needed, rather than being required to replace a whole room of carpet if areas should become stained or worn over time. Office renovation recently completed within the approved FY19-20 budget includes the Board Secretary office remodel, conference rooms table replacement, and carpeting the downstairs of the building. Downstairs renovation was completed
in April with minimal disruption to work productivity since staff has been working remotely as a result of the COVID-19 office closure.

Since we are still under the COVID-19 stay-at-home order for at least a portion of May this is an opportune time to complete the carpet replacement in the remainder of the Administration building while staff is working remotely. Gerold Construction provided a quote of $33,048.00 to replace the carpet in all second-floor offices, common areas and both stairwells. Additionally, we will need to hire a furniture moving company to disassemble, move, stage and reassemble all furniture and equipment during this process for a cost of $6,492.17. This project is expected to take approximately two (2) weeks to complete.

**Fiscal Impact**
The fiscal impact of the upstairs carpet replacement is $33,048. Furniture moving services will cost an additional $6,492. The cost of this renovation was not included in the approved budget for FY 2019-2020, however, there are sufficient remaining funds in the Field Improvements line item 6280 to cover the cost of the project.

**Staff Recommendation**
Staff recommends the Board authorize the General Manager to enter into a contract with Gerold Construction to install second floor carpeting for a total cost of $33,048. The fee for Goforth & Marti furniture moving services is within the General Manager’s signing authority.

**Attachments**
1) Carpet installation quote - Gerold Construction
2) Furniture moving services quote – Goforth & Marti
## Carpet Tile
- Supply and install Mohawk - Aladdin - Design Medley II - 998 Variation in upstairs hallways, conference room, Tom's office, David’s office, Chris office, Kai’s office, Matthews office, Kirstin’s office, cubical room, print room, top of stairs, Mikes office, Aarons office, Dans office, Brent’s office, sitting area, Wens office, and Bobs office.
- Cost: $22,828.00

## Carpet Roll
- Supply and install Mohawk - Scholarship II - 978 Twilight Shadow on 48 stairs total, and two middle landings for both staircases to upstairs.
- Cost: $1,920.00

## Cove Base
- Supply and install Mohawk Scholarship II - 978 Twilight Shadow cove base throughout all of upstairs where we are putting in new carpet.
- Cost: $8,300.00

**Total:** $33,048.00
Project ID / Who & Where
TOM-G/M RELOCATION QUOTE FOR SRVS-2ND FL

Date: 4/30/2020

Quotation 182733

BILL TO: 1242
SB VALLEY MUNICIPAL WATER DIST
380 EAST VANDERBILT WAY
SAN BERNARDINO CA 92408
MELISSA ZOBA Phone: (909)387-9228
Fax: (909)387-9247

SHIP TO:
SB VALLEY MUNICIPAL WATER DIST
1350 SOUTH "E" STREET
SAN BERNARDINO CA 92408
MELISSA ZOBA Phone: (909)387-9228
Fax: (909)387-9247

Product Counts: Systems 0 Desk Units 0 Tables 0 Files 0 Chairs 0 Storage 0 Ancillary 3

GRAND TOTAL $6,492.17

Product Summary / Scope of Work

G/M RELOCATION QUOTE FOR SERVICES-2ND FLOOR OFFICES

PREVAILING WAGE

SCOPE OF WORK:
TRIP 1 TO BE SCHEDULED ON TBD
SITE CONTACT: TOM MOBILE 909-266-4011

TRIP 1/DAY 1
GM TO DISASSEMBLE AND RELOCATE/STAGE 3 EA VENEER CASEGOODS PRIVATE OFFICE FURNITURE AND 1 EA AO2 SYSTEMS WORKSTATIONS INTO OPEN AREA 2ND FLOOR TEMPORARY UNTIL CARPET IS COMPLETE.

PRODUCT TO INCLUDE:
OFFICE-EMPLOYEE KAI PALENSCAR
1 EA U SHAPE AO2 WORKSTATION. (WALL MOUNT FLIPPER DOORS UNITS TO REMAIN ON WALL.)
2 EA GUEST CHAIRS, 1 EA TASK CHAIR

OFFICE EMPLOYEE MATTHEW HOWARD
1 EA VENEER DOUBLE PEDESTAL DESK WITH (GLASS TOP), SZ 72X36 WITH BBF AND FF, 1 EA BBF PEDESTAL-METAL, 1 EA 4 SHELF BOOKCASE, 36W, 1 EA VARIDESK
1 EA GUEST CHAIR, 1 EA TASK CHAIR

OFFICE-INTERN (BETWEEN MATTHEW AND TOM)
1 EA VENEER DOUBLE PEDESTAL DESK WITH (GLASS TOP), SZ 72X36 WITH BBF AND FF, 1 EA 4 SHELF BOOKCASE, 36W, 1 EA 2 DRAWER LATERAL FILE, 36W,
2 EA GUEST CHAIR, 1 EA TASK CHAIR

OFFICE EMPLOYEE TOM HOLCOMBE

Account Executive: Martha Caldera(mcaldera@gmbi.net)
Job Captain Martha Caldera(mcaldera@gmbi.net)
1 EA EXTENDED L SHAPE VENEER DESK SZ 86X36 DESK WITH 48X48 CORNER (GLASS TOP), 2 EA STORAGE CABINETS WITH BOOKCASE HUTCH 36W, 1 EA RD 42D TABLE, 4 EA GUEST CHAIRS, 1 EA MIRRA TASK CHAIR

TRIP 2/DAY 2
GM TO RETURN TO RELOCATE ABOVE LISTED FURNITURE IN ITS ORIGINAL PLACE, FROM TRIP 1. GM TO START ON PHASE 2 BY DISASSEMBLE AND RELOCATE/STAGE 6 EA PRIVATE OFFICES AND 2 EA AO2 SYSTEMS PRIVATE OFFICE DESK INTO OPEN AREA 2ND FLOOR TEMPORARY.

PRODUCT TO INCLUDE:
OFFICE EMPLOYEE CHRIS JONES
1 EA AO2 U SHAPE WORKSTATION WITH INPUT PLATFORM ON CORNER DESK, (FLIPPER DOOR STORAGE TO REMAIN IN PLACE) 1 EA 5 DRAWER LATERAL FILE 36W, 1 FF, 1 BBF
1 EA GUEST CHAIR AND 1 EA TASK CHAIR

OFFICE EMPLOYEE DAVID MCGARTHR
1 EA AO2 U SHAPE WORKSTATION WITH INPUT PLATFORM ON CORNER DESK, 1 EA 5 HIGH METAL LATERAL FILE, 2 EA 3 SHELF BOOKCASES METAL 36W, 1 EA TABLE 48X30 WITH SHELF.

OFFICE AT END OF HALL
1 EA U SHAPE VENEER DESK WIT (GLASS TOP), 2 EA 4 SHELF BOOKCASES 36W, 1 EA 3 DRAWER LATERAL FILE VENEER 36W, 1 EA 5 HIGH METAL LATERAL FILE 42W
3 EA GUEST CHAIRS, 1 EA TASK CHAIR

OFFICE EMPLOYEE AARON JONES
1 EA U SHAPE VENEER DESK/GLASS TOP) WITH VARIDESK (WOOD GRAIN), CREDENZA WITH 2 DRAWER LATERAL FILE, 1 EA 3 SHELF BOOKCASE 36W, 1 EA STORAGE CABINET WITH BOOKCASE HUTCH
2 EA GUEST CHAIRS, 1 EA TASK CHAIR

OFFICE FRONT OF OPEN AREA
1 EA U SHAPE VENEER DESK (GLASS TOP) WITH 2 DR LATERAL FILE CREDENZA, 1 EA 3 SHELF BOOKCASE 36W, 1 EA COAT RACK, 1 EA VARIDESK,
1 EA GUEST CHAIR

OFFICE EMPLOYEE BRENT ADAIR
1 EA L SHAPE VENEER DESK WITH (GLASS TOP), 1 EA 5 SHELF BOOKCASE 36W, 1 EA STORAGE CABINET WITH SHELVING 36W, 1 EA 3 SHELF BOOKCASE 36W, 1 EA 2 DRAWER LATERAL FILE 36W, 2 EA GUEST CHAIRS, 1 TASK CHAIR, 1 EA SMALL STOOL

OFFICE EMPLOYEE WEN HUANG
1 EA U SHAPE VENEER DESK WITH (GLASS TOP), DESK BOW SHAPE, ADDITIONAL 2 DRAWER LATERAL FILE, 3 EA 3 SHELF BOOKCASES, 1 EA EXTRA TALL BOOKCASE, 1 EA MEETING TABLE 48D WITH GLASS TOP,3 EA GUEST CHAIRS, 2 EA TASK CHAIRS

OFFICE EMPLOYEE ROBERT (BOB) TINCHER
1 EA L SHAPE VENEER BOW DESK WITH (GLASS TOP), WITH VARIDESK, 1 EA 2 DRAWER LATERAL 36W, 1 EA STORAGE CABINET 36WX72H, 1 EA LATERAL FILE CREDENZA, 1 EA 28D OCCASSIONAL TABLE
3 EA GUEST CHAIRS, 1 EA TASK CHAIR

TRIP 3 GM TO RETURN TO RELOCATE FURNITURE IN ITS ORIGINAL PLACE FROM TRIP 2.

INSTALL NOTES: PLEASE BE SURE TO HAVE CREW TAKE SOME FURNITURE SKATES FOR RELOCATION.

<table>
<thead>
<tr>
<th>G/M</th>
<th>Quotation # 182733</th>
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<tbody>
<tr>
<td>BOM</td>
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<td>A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Manufacturer</td>
</tr>
<tr>
<td>LOT</td>
<td>G/M SERVICES</td>
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</table>

Account Executive: Martha Caldera (mcaldera@gmbi.net)
Job Captain: Martha Caldera (mcaldera@gmbi.net)

800-686-6583  800-686-6583  Fax: 951-684-0837
G/M Business Interiors
1099 W. La Cadena Drive, Riverside CA, 92501
http://www.gmbi.net
<table>
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<tr>
<th>Description</th>
<th>Hot Rush Date</th>
<th>Non-Tax Install</th>
<th>Taxable Install</th>
<th>Freight</th>
<th>Design Fee</th>
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</thead>
<tbody>
<tr>
<td>GM SERVICES TO DISASSEMBLE/RELOCATE AND STAGE ON 2ND FLOOR OPEN AREA. TO BE COMPLETED IN 3 TRIPS</td>
<td>6,492.17</td>
<td>.00</td>
<td>.00</td>
<td>.00</td>
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TRIP 1-GM TO DISASSEMBLE AND RELOCATE/STAGE 3 EA VENEER CASEGOODS PRIVATE OFFICE FURNITURE AND 1 EA AO2 SYSTEMS WORKSTATIONS INTO OPEN AREA 2ND FLOOR TEMPORARY UNTIL CARPET IS COMPLETE.

TRIP 2-GM TO RETURN TO RELOCATE FURNITURE IN ITS ORIGINAL PLACE, FROM TRIP 1. GM TO START ON PHASE 2 BY DISASSEMBLE AND RELOCATE/STAGE 6 EA PRIVATE OFFICES AND 2 EA AO2 SYSTEMS PRIVATE OFFICE DESK INTO OPEN AREA 2ND FLOOR TEMPORARY.

TRIP 3-GM TO RETURN TO RELOCATE FURNITURE IN ITS ORIGINAL PLACE FROM TRIP 2.

BOM: See Attached Bill of Materials

Piece Count: ** Sales Tax Exempt
I have reviewed the quote, the bill of materials, the drawings (if applicable), the color cards (if applicable), and other associated exhibits for my order.

- I approve the colors, fabrics, and finishes as previously selected and correct as shown on the attached exhibit.
- I am satisfied that the product I have selected is the correct size and is suitable and will perform for its intended purpose.
- I am aware this product is manufactured to order and is not returnable to G/M or to the manufacturer.
- I understand that legal title to the product will transfer upon delivery to my commercial or residential location and all associated labor is taxable until title transfers.
- I am aware additional costs charged for inside delivery, staging, setting in place, assembly, leveling, cleaning, polishing, recycling of waste materials are separately stated and are elected as an additional contract option.
- I am aware of the grand total price of this contract as shown on this quote.
- G/M is ordering your furniture from a variety of manufacturers to be aggregated and received into our G/M operated warehouse. Once the final portion of your order has been received, a “ready to deliver” notification will be sent to you. G/M, at this point, will graciously, store your complete order for up to two weeks at no charge. If for some reason you cannot accept a timely delivery within two weeks, a quote for one month’s handling and storage shall be calculated and forwarded to you.

Approved by:

<table>
<thead>
<tr>
<th>Signature</th>
<th>Print Name/Title</th>
<th>Signed Date</th>
</tr>
</thead>
</table>

Account Executive: Martha Caldera (mcaldera@gmbi.net)
Job Captain: Martha Caldera (mcaldera@gmbi.net)

Project Designer:
DATE: May 5, 2020

TO: Board of Directors

FROM: Staff

SUBJECT: Summary of April 16, 2020 Board of Directors Workshop – Resources

The Resources Workshop convened on April 16, 2020, via Zoom teleconference. Director Hayes chaired the meeting; President Harrison and Directors Kielhold, Longville and Navarro participated in the Workshop. Heather Dyer, Cindy Saks, Bob Tincher, Wen Huang, Kristeen Farlow, and Melissa Zoba, of staff, participated in the workshop.

3. Summary of Previous Meeting

The meeting notes from the March 5, 2020, Board of Directors Workshop – Resources were reviewed. There were no additions or changes to the meeting minutes.

4.1 Discuss Water Use Efficiency and Education Update

Staff provided the Directors with an update on Water Use Efficiency and Education programs. Due to the COVID-19 pandemic, the District and the Inland Empire Resource Conservation District (IERCD) had to stop holding landscape workshops in-person and making classroom presentations. Additionally, the teacher workshop that was scheduled for May 2020 had to be canceled. However, many of these programs were able to transition to online.

The total water conservation rebate reimbursements to date are $615,871. This leaves a balance of $134,129 available for these programs through the end of the fiscal year. It is anticipated that the District will receive a number of reimbursement requests from agencies
who tend to submit their requests all at once, and not throughout the year. Vice President Kielhold asked for clarification on what is included in the description of “devices rebated.” Staff clarified that “devices” include high efficiency clothes washers, high efficiency toilets, low flow showerheads and sprinklers nozzles.

Through the work of the IERCD, 97 classroom presentations were made, reaching approximately 3,400 students. As noted, IERCD prepared a number of resources for students, parents, and teachers and they are now on the District website for water education to continue while students are doing their lessons at home. Director Hayes recommended the IERCD consider developing modules for use on Google Classroom; staff will discuss this opportunity with IERCD.

Director Longville inquired about the status of the Water Use Efficiency Assessment. Staff advised that the Request for Proposal for the Assessment was due back on April 22, 2020, and interviews of the consultants would occur in May. It is anticipated that this project will kick off in June 2020 and take approximately 12 weeks to complete. Director Navarro requested additional details about how the selected consultant will work with the retailers during the course of the project.

**Action Item(s):** This item was before the Board of Directors to receive and file.

### 4.2 Announcement of Successful State Wildlife Grant Application Funding CDFW Fish Biologist Position

Staff informed the Board that the State Wildlife Grant application was recently approved for funding by the CDFW review committee. In December 2019, the Valley District Board agreed to fund the Western Ecological Research Center, the biological studies branch of the USGS in southern California, for a total cost of $279,670 and also authorized staff to commit the USGS funding as non-federal matching funds in a California Department of Fish and Wildlife (CDFW) grant application. The application was successful and the CDFW State Wildlife Grant will provide two years of funding for a CDFW native fish staff member for San Bernardino and Riverside counties. This will be a valuable addition to the Valley District and USGS biologists that are currently working on behalf of the HCP in the Santa Ana River.

**Action Item(s):** A grant agreement will be brought to the Board at a future meeting for consideration.
4.3 Consider Accepting the U.S. Fish and Wildlife Service Recommended Award for a 2019 Section 6 Habitat Conservation Planning Grant

Staff presented a planning grant Valley District submitted on behalf of the Upper Santa Ana River Habitat Conservation Plan (HCP) that has been chosen to be funded by the US Fish and Wildlife Service. This type of grant (non-traditional section 6) provides funding through the State of California (California Department of Fish and Wildlife) to support conservation-related projects.

This grant will support 50 percent of the planning and writing of the Long-Term Management Plan associated with the implementation of the HCP. The term of the grant is one year, starting August 1, 2020, and will cost a total of $1,750,000. After reimbursement from HCP partners the District’s contribution will be approximately $350,000.

The Board of Directors was supportive of Valley District accepting this grant and providing non-federal funds in the amount of $875,000 to match the amount of the federally funded portion of the grant ($875,000).

**Action Item(s):** 1) Staff will prepare a Resolution accepting the grant award and a Matching Funds Commitment Letter for a future regular Board of Directors meeting for consideration.

5. Adjournment

**Staff Recommendation**

Receive and file.
DATE:   May 5, 2020

TO:     Board of Directors

SUBJECT:  List of Announcements

A. May 7, 2020- Board of Directors’ Workshop – Resources, 2:00 p.m. by teleconference
B. May 12, 2020 – Board of Directors’ Workshop – Engineering, 2:00 p.m. by teleconference
C. May 14, 2020 – Board of Directors’ Workshop – Policy, 2:00 p.m. by teleconference
D. May 19, 2020 – SAWPA Commission Meeting, 9:30 a.m. by teleconference
E. May 19, 2020 – Regular Board Meeting, 2:00 p.m. by teleconference