AGENDA

MEETING OF THE
SAN ANTONIO WATER SYSTEM
BOARD OF TRUSTEES
July 10, 2018, 9:00 A.M.
6th Floor Board Room #609
Administrative Offices
2800 U. S. Hwy 281 North, San Antonio, Texas 78212

1. MEETING CALLED TO ORDER.

2. Announcements.
   A. The San Antonio Water System Board of Trustees will, during the Meeting, close the Meeting and hold an Executive Session pursuant to and in accordance with Chapter 551 of the Texas Open Meetings Act. The Board of Trustees may, at any time during the Meeting, close the Meeting and hold an Executive Session for consultation with its attorneys concerning any of the matters to be considered during the Meeting pursuant to Chapter 551 of the Texas Open Meetings Act.

3. Minutes.
   A. Approval of the Minutes of the San Antonio Water System Board of Trustees Regular Board Meeting of May 1, 2018.


5. Public Comment.

SAN ANTONIO WATER SYSTEM
HANDICAPPED ACCESSIBILITY STATEMENT
The San Antonio Water System Buildings and Meeting Rooms are accessible to individuals with disabilities. Accessible visitor parking spaces as well as the accessible entrance and ramp are located at the west side main entrance of the SAWS Headquarters Building, Tower I, 2800 U.S. Highway 281 North. Individuals with disabilities in need of auxiliary aids and services, including Deaf interpreters, must request such aids and services forty-eight (48) hours prior to the meeting. For assistance, contact the Board Administrator at 210-233-3537 or 711 (Texas Relay Service for the Deaf).
CONSENT AGENDA ITEMS

Items 6 – 25

ITEMS CONCERNING THE PURCHASE OF EQUIPMENT, MATERIALS AND SUPPLIES

6. A Resolution accepting recommendations regarding the contracting for certain services, equipment, materials, and supplies, and authorizing the acceptance of bids as follows: (DOUG EVANSON – YVONNE TORRES)

A. Award of New One Time Purchases of Materials, Equipment and Services.

1. Approving a one-time purchase from Silsbee Toyota to provide: five each Toyota Tacoma pickup trucks (BuyBoard 521-16), Bid No. 18-18080, for a total of $127,415.00.

2. Approving a one-time purchase from Spectrum Biotechnologies, LLC to provide: cleaning of digester tanks at the Dos Rios Water Recycling Center, Bid No. 18-18069, Items 1 and 2, Alternates 1 and 2, for a total of $735,600.00.

B. Award of New and Renewal Annual Goods & Services Requirement Contract and Maintenance Agreements. Estimated annual purchases are based on unit prices bid. Actual totals and quantities may vary from the estimate.

1. Acceptance of the bid of Pozzi Enterprises, Inc. dba Border Construction Services to provide: annual contract for general easement and brush clearing of SAWS properties, Bid No. 18-18024, for a total of $100,000.00.

2. Acceptance of the bid of Core and Main, LP to provide: biennial contract for ductile iron pipe, Bid No. 18-0024, for a total of $297,704.00.

3. Acceptance of the single source bid of AT&T to provide: biennial contract for data and telecommunications services, Bid No. 18-18056, for a total of $1,267,627.20.

CAPITAL IMPROVEMENT CONTRACTS

PROJECTS INVOLVING IMPROVEMENTS, EXTENSIONS AND ADDITIONAL CAPACITY

Water and Sewer Line Improvements

7. A Resolution awarding a construction contract to Cruz Tec, Inc. in an amount not to exceed $1,357,226.50 in connection with the 2017 CIPP & Pipeburst Construction Contract Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)
8. A Resolution approving Change Order No. 2 in an amount not to exceed $174,486.75 to the construction contract with RCO Construction, LLC in connection with the DR 1091 - 800 N. Loop 1604 Sewer Main Contract. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

9. A Resolution approving additional funds in an amount not to exceed $305,100.14 to the professional services contract with CAS Consulting and Services, Inc. in connection with the 2018 Small and Large Diameter Condition, Capacity, and Governmental Contracts. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

Production, Transmission and Treatment Improvements

10. A Resolution awarding a purchasing contract to U.S. Water Services, Inc. in an amount not to exceed $135,409.95 for early procurement of a pressure filtration system in connection with the Central Water Integration Pipeline Project. (ANDREA BEYMER – ALISSA LOCKETT)

11. A Resolution approving additional funds in an amount not to exceed $500,000.00 to the professional services contract with Arcadis U.S., Inc. in connection with the Treatment Facilities Engineering Work Order Contract. (ANDREA BEYMER – MICHAEL MYERS)

REPLACEMENT AND ADJUSTMENT PROJECTS

Governamental Relocations and Replacements

12. A Resolution authorizing expenditures in an amount not to exceed $167,400.00 for the adjustment of water and sewer facilities by the City of San Antonio in connection with the 2017 Bond Program – Pedestrian Mobility & Streets Task Order Contract Package 5. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

13. A Resolution approving an Advance Funding Agreement with the Texas Department of Transportation; authorizing expenditures in an amount not to exceed $174,836.92 for the adjustment and replacement of water and sewer facilities by Texas Department of Transportation in connection with the Loop 368 at North New Braunfels Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

14. A Resolution approving an Advance Funding Agreement with the Texas Department of Transportation; authorizing expenditures in an amount not to exceed $11,447.68 for the removal of asbestos cement pipe by the Texas Department of Transportation in connection with the Loop 368 at North New Braunfels Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

15. A Resolution approving an Advance Funding Agreement with the Texas Department of Transportation; authorizing expenditures in an amount not to exceed $664,637.73 for the replacement of water and sewer facilities by the Texas Department of Transportation in connection with the US 87: IH-10 East to Rigsby Road Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)
16. A Resolution approving an Advance Funding Agreement with the Texas Department of Transportation; authorizing expenditures in an amount not to exceed $23,086.37 for the removal of asbestos cement pipe by the Texas Department of Transportation in connection with the US 87: IH-10 East to Rigsby Road Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

17. A Resolution approving an Interlocal Agreement and Advance Funding Agreement with the Texas Department of Transportation; authorizing expenditures in an amount not to exceed $2,374,484.85 for the adjustment of water and sewer facilities by Texas Department of Transportation in connection with the FM 1560: SH 16 to Loop 1604 Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

18. A Resolution approving an Advance Funding Agreement with the Texas Department of Transportation; authorizing expenditures in an amount not to exceed $39,413.49 for the removal of asbestos cement pipe by the Texas Department of Transportation in connection with the FM 1560: SH 16 to Loop 1604 Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

19. A Resolution approving an Interlocal Agreement with the Alamo Regional Mobility Authority; authorizing expenditures in an amount not to exceed $283,019.89 for the adjustment of water facilities by the Alamo Regional Mobility Authority in connection with the Fischer Road Phase II: IH 35 South to Somerset Road Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

EASEMENT AND REAL PROPERTY

20. A Resolution approving the acquisition of a permanent water line easement being approximately 0.505 acres from Concord Terrace LLC, and located on the north side of Sonterra Boulevard across from Sigma Road, in the northeast quadrant of Bexar County, Texas in connection with the Central Water Integration Pipeline Project in an amount not to exceed $123,600.00. (NANCY BELINSKY – BRUCE HABY)

21. A Resolution approving the acquisition of a permanent water line easement being approximately 0.202 acres from Drury Southwest Inc., and located at the northwest corner of Loop 1604 and Sigma Road, in the north central quadrant of Bexar County, Texas in connection with the Central Water Integration Pipeline Project in an amount not to exceed $174,000.00. (NANCY BELINSKY – BRUCE HABY)

22. A Resolution approving the acquisition of a permanent water line easement being approximately 0.175 acres and temporary construction easements being approximately 1.449 acres from Global Evangelism, Inc., and located at the northwest corner of Loop 1604 and Stone Oak Parkway, in the northeast quadrant of Bexar County, Texas, in connection with the Central Water Integration Pipeline Project in an amount not to exceed $382,000.00. (NANCY BELINSKY – BRUCE HABY)
23. A Resolution approving the acquisition of a permanent water line easement being approximately 0.534 acres from XJ 1869 Development, LLC, and located outside Loop 1604 north of Reagan High School, in the northeast quadrant of Bexar County, Texas in connection with the Central Water Integration Pipeline Project in an amount not to exceed $154,500.00. (NANCY BELINSKY – BRUCE HABY)

MISCELLANEOUS ITEMS

24. A Resolution awarding a services contract to Alsay Incorporated in an amount not to exceed $112,697.00 in connection with the System’s Water Well Mitigation Program. (DONOVAN BURTON – SCOTT HALTY)

25. A Resolution ratifying the actions of the Director of Contracting in executing the Letter Agreement extending the term through December 31, 2018, of the Bank Depository Agreement with Frost Bank; amending Resolution No. 13-354 by approving the extension the term of the Bank Depository Agreement with Frost Bank. (DOUG EVANSON)

ITEMS FOR INDIVIDUAL CONSIDERATION

CAPITAL IMPROVEMENT CONTRACTS

PROJECTS INVOLVING IMPROVEMENTS, EXTENSIONS AND ADDITIONAL CAPACITY

Developer Customer Contracts

26. A Resolution approving Utility Service Agreements to provide water and/or wastewater service to the tracts listed below requiring potential oversizing of mains (OVR), and/or are located outside the San Antonio Water System water and/or wastewater Certificate of Convenience and Necessity (CCN). (ANDREA BEYMER – TRACEY LEHMANN)

<table>
<thead>
<tr>
<th>No.</th>
<th>Tract Name</th>
<th>Developer</th>
<th>Acres</th>
<th>W EDUs</th>
<th>WW EDUs</th>
<th>CoSA / CoSA ETJ / Outside</th>
<th>EARZ / CZ</th>
<th>JBSA</th>
<th>Board Reason</th>
<th>W CCN</th>
<th>WW CCN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hultz Office Building (Revised)</td>
<td>Kyle Hultz</td>
<td>1.107</td>
<td>0</td>
<td>3</td>
<td>OUTSIDE</td>
<td>INSIDE</td>
<td>N</td>
<td>CCN</td>
<td>INSIDE</td>
<td>OUTSIDE</td>
</tr>
<tr>
<td>2</td>
<td>Tres Laurels Subdivision</td>
<td>Equitable Land Holdings, LLC</td>
<td>303</td>
<td>1,012</td>
<td>980</td>
<td>COSA ETJ</td>
<td>OUTSIDE</td>
<td>Y</td>
<td>OVR</td>
<td>INSIDE</td>
<td>INSIDE</td>
</tr>
<tr>
<td>3</td>
<td>Redland Plaza</td>
<td>Aamshu Inc.</td>
<td>11.063</td>
<td>159</td>
<td>160</td>
<td>COSA</td>
<td>INSIDE</td>
<td>Y</td>
<td>OVR</td>
<td>INSIDE</td>
<td>INSIDE</td>
</tr>
<tr>
<td>4</td>
<td>Living Faith Community Church</td>
<td>Living Faith Community Church</td>
<td>8.52</td>
<td>19</td>
<td>0</td>
<td>COSA ETJ</td>
<td>OUTSIDE</td>
<td>N</td>
<td>OVR</td>
<td>INSIDE</td>
<td>INSIDE</td>
</tr>
</tbody>
</table>

Total  | 323.69 | 1,190  | 1,143 |

BOARD MEETING   5                                                                       07-10-18
Water and Sewer Line Improvements

27. A Resolution awarding a construction contract to SAK Construction, LLC in an amount not to exceed $2,531,847.00 in connection with the 2018 CIPP Small Pipe Diameter Package. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

28. Briefing and deliberation regarding the Sanitary Sewer Overflow Reduction Program and a Resolution awarding a construction contract to S.J. Louis Construction of Texas, Ltd. in an amount not to exceed $30,705,920.68 in connection with the E19: Seguin Road to Nacogdoches Road, Segment 2 Project; authorizing additional expenditures in an amount not to exceed $247,451.00 to the professional services contract with Kimley-Horn and Associates, Inc. for related construction phase services. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

REPLACEMENT AND ADJUSTMENT PROJECTS

Governmental Relocations and Replacements

29. A Resolution approving reimbursement to the City of San Antonio in an amount not to exceed $1,500,000.00 for professional engineering services in connection with the 2017 – 2022 Bond Program; authorizing the President/Chief Executive Officer or his duly appointed designee to execute a Memorandum of Understanding with the City of San Antonio for the project engineering work. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

30. A Resolution approving an Interlocal Agreement and an Advance Funding Agreement with Texas Department of Transportation; authorizing expenditures in an amount not to exceed $7,073,413.09 for the adjustment of water and sewer facilities by Texas Department of Transportation in connection with the US 281: Stone Oak Parkway to Bexar/Comal County Line Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

31. BRIEFING SESSION.

A. Briefing and deliberation regarding the Vista Ridge Project

B. Briefing and deliberation regarding an overview of the Desal Operation

32. Inquiries of the Board of Trustees for future briefings and/or follow-up action.

33. The Regular Session of the July 10, 2018, Regular Board Meeting is hereby recessed to hold an Executive Session and discuss the matters listed pursuant to Section §551.071 of the Texas Open Meetings Act.
34. **EXECUTIVE SESSION.**

   A. Consultation with attorneys regarding advice on legal matters in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act, pursuant to §551.071, Texas Government Code.

35. The Regular Session of the Regular Board Meeting of July 10, 2018, is hereby reconvened.

36. **Adjournment.** THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES MEETING OF JULY 10, 2018, IS HEREBY ADJOURNED.
MINUTES

MEETING OF THE
SAN ANTONIO WATER SYSTEM
BOARD OF TRUSTEES
May 1, 2018, 9:00 A.M.
6th Floor Board Room #609
Administrative Offices
2800 U. S. Hwy 281 North, San Antonio, Texas 78212

Board Members Present:
Berto Guerra, Jr., Chairman
Ron Nirenberg, Mayor
Pat Jasso, Vice Chair
Amy Hardberger, Secretary
Pat Merritt, Assistant Secretary
David P. McGee, Trustee
Eduardo Parra, Trustee

Board Members Absent:
None

1. MEETING CALLED TO ORDER.

The meeting of the San Antonio Water System Board of Trustees was held on May 1, 2018, and called to order at 9:09 a.m. by Chairman Berto Guerra.

2. Announcements.

A. The San Antonio Water System Board of Trustees will, during the Meeting, close the Meeting and hold an Executive Session pursuant to and in accordance with Chapter 551 of the Texas Open Meetings Act. The Board of Trustees may, at any time during the Meeting, close the Meeting and hold an Executive Session for consultation with its attorneys concerning any of the matters to be considered during the Meeting pursuant to Chapter 551 of the Texas Open Meetings Act.

3. Appointment of Audit Committee Members for the San Antonio Water System Board of Trustees. (BERTO GUERRA, JR., CHAIRMAN)
Chairman Guerra stated Item 3 was the appointment of members for the Audit Committee of SAWS Board of Trustees. In February, the Board approved the appointment of Jaime Vasquez as the one non-board member to the Audit Committee. In April, two new members were appointed to the SAWS Board, Trustee Hardberger and Trustee Parra. New officers for the Board were also elected at that time. With these changes, Chairman Guerra moved to appoint Trustees Jasso, McGee and Parra to serve as members to the Audit Committee, Jaime Vasquez to continue to serve as the one non-board member, and Trustee McGee to serve as chair. Ms. Jasso seconded the motion.

After no further discussion, Item 3 was unanimously approved. Verbal voting.

Chairman Guerra thanked Trustee Merritt for serving as chair for the Audit Committee since January 2016. The Board appreciated Ms. Merritt’s work and dedication to the Audit Committee, to the Board and especially to the community.

4. Minutes.

A. Approval of the Minutes of the San Antonio Water System Board of Trustees Regular Board Meeting of March 6, 2018.

Chairman Guerra asked if there were any corrections to the minutes. Hearing none, he stated the minutes were approved as presented.

5. Ceremonial and Recognition Items.

Mike Brinkmann discussed SAWS efforts to prepare for a potential disaster in San Antonio from a hurricane coming in from the Gulf and then to assist the cities of Rockport and Port Aransas after Hurricane Harvey came ashore. SAWS participates in TexasWarn, which was an association of water agencies that provided emergency response. SAWS received a call Sunday morning through TexasWarn for assistance to both Rockport and Port Aransas. SAWS was the first water utility to respond, and the crews worked to help our neighbors. He introduced Art Smith and Scott Hamilton from the City of Rockport.

Mr. Smith stated that on the morning of August 26, the world changed as they knew it, and he wanted to take the opportunity to thank the Board and SAWS personally for the help to get the water and wastewater system back up. The people that came were truly a Godsend, and they could not have done it without the help of others through TexasWarn. This was a complete humanitarian effort and was the beautiful side of the storm.

Chairman Guerra thanked Mr. Smith and Mr. Hamilton for taking the time to make the trip and personally thank SAWS team. The Board was really proud of the team for jumping on it immediately and not asking any questions. Mr. Smith replied that the Board had a lot to be proud of with the SAWS team.

Chairman Guerra stated he would like to take a point of personal privilege to mark a very special anniversary for SAWS and the entire community. In March, the San Antonio Express-News called Robert Puente a Texas power broker and in the same article noted that he answers to 1.8 million people. A man who answers to 1.8 million bosses was not a power
broker, but rather a public servant. And that's the kind of leader Robert Puente has been at the San Antonio Water System for the past decade. It was 10 years ago on May 6, 2008, Robert was appointed Interim President and CEO of SAWS, an appointment that was made permanent later that year in November. Even in those early days, it was apparent that Robert was a very different kind of leader. If you look at him from his predecessors, he's wasn't an engineer and he wasn't a military officer, but he has proven that he was the right person at the right time. The breadth of experience that uniquely qualified him to become San Antonio Water System's leader started 16 years earlier when he was first elected to the Texas House of Representatives. What Robert accomplished for San Antonio during those 16 years in the State House, and especially the five years he served as Chairman of the House Natural Resources Committee set the tone for water policy across this great State of Texas for decades to come. Under his leadership, SAWS became a national and international example of excellence from water resource innovation and supply certainty, to water conservation and environmental sustainability.

In honor of this significant 10-year milestone, Chairman Guerra recounted a few of the amazing things SAWS accomplished during Robert Puente's decade of service to San Antonio. SAWS became the first utility in the nation to capture methane gas from wastewater treatment to be sold into the natural gas grid and used for energy. In a very politically charged atmosphere, he choreographed the successful integration of the troubled Bexar Metropolitan Water District into SAWS. A utility the size of Corpus Christi was seamlessly folded into the SAWS system without any disruption to the 94,000 homes and businesses that relied on the former BexarMet system's water service. Robert also proactively negotiated a responsible Consent Decree with the United States Environmental Protection Agency to improve the sewer system and reduce sewer spills. By brokering a settlement rather than letting enforcement actions run their course, the Consent Decree likely saved SAWS ratepayers hundreds of millions of dollars. On the water supply side, Robert helped leverage regional relationships with the cities of Schertz and Seguin to bring the new Regional Carrizo water supply online without building a new pipeline to Gonzales County. By leasing unleased capacity in the Schertz-Seguin pipeline, the alliance saved SAWS $88 million in infrastructure costs. Another partnership, was a public/private joint venture that enabled development of the 32-mile Southwest Bexar Sewer Pipeline Project. The project brought needed infrastructure to a historically low-growth area, helping to spur new business and housing opportunities. Also under Robert's leadership, SAWS achieved the highest bond rating in the utility's history. It was such a solid financial footing, SAWS was able to negotiate the most ambitious public/private utility partnership in Texas history. When completed in 2020, the Vista Ridge pipeline would be the largest non-Edwards Aquifer water supply for San Antonio providing up to 50,000 acre-feet per year to meet the demands of the growing regional economy and growing population. Even with another new water source on its way under Robert's stewardship, SAWS continued to maximize existing supplies. The Aquifer Storage and Recovery facility now held more than 160,000 acre-feet of water, ready to use during times of drought to help offset pumping restrictions on the Edwards Aquifer. That was enough water for all of San Antonio for more than six months. One of the cornerstones of the Water Management Plan during Robert's tenure has been and would continue to be conservation. SAWS daily water use per capita dropped to an all-time low of 117 gallons in 2016, thanks to innovative conservation programs such as free irrigation consultation and popular coupon programs that entice homeowners to replace a portion of their thirsty lawns with water savings plants. Another long planted seed of innovation that
finally bore fruit under Robert's leadership was desalination. Using untapped resources right under our feet, the brackish desalination plant takes salty groundwater and filters it to drinking quality, supplying up to 53,000 households each day. Robert’s fiscal responsibility included a commitment to keep water and sewer services affordable, especially for the most vulnerable members of our community. To that end, the utilities investment and affordability programs had more than doubled to more than 26,000 families in need with bill payment assistance. During Robert's watch, the commitment to San Antonio's financially vulnerable citizens extended to employees as well. This year, SAWS increased starting salaries to $14.50 per hour, providing a livable wage and enhancing the ability to recruit and retain a skilled workforce. That unwavering commitment to employees and community member well-being was just one reason SAWS was named one of the city's Top Workplaces in 2017 for the fifth time since 2011. Robert has never been afraid to roll up his sleeves to do whatever it takes to secure San Antonio's water future.

Chairman thanked Mr. Puente for the incredible things he and his team accomplished for San Antonio in the past 10 years that he served as President and Chief Executive Officer, and presented Mr. Puente with a memento of the Board’s appreciation.

Mr. Puente thanked the Board for the recognition. He stated it had been a great 10 years, and every single accolade that was in that presentation was made possible by 1,700 people that work at SAWS.

Chairman Guerra recognized and welcomed District 9 Council Member John Courage, who was in attendance.

6. Public Comment.

None

Chairman Guerra stated he would move to Item 32, Executive Session. He stated Trustee Parra was recusing himself from Item 32A. Mr. Parra confirmed.

At this point in the meeting, an Executive Session was held. The time was 9:39 a.m.

31. The Regular Session of the May 1, 2018, Regular Board Meeting is hereby recessed to hold an Executive Session and discuss the matters listed pursuant to Section §551.071 of the Texas Open Meetings Act.

32. EXECUTIVE SESSION.


B. Consultation with attorneys regarding pending litigation in Case No. 5:12-cv-00620-OLG in the United States District Court for the Western District of Texas

C. Consultation with attorneys regarding advice on legal matters in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act, pursuant to §551.071, Texas Government Code.

33. The Regular Session of the Regular Board Meeting of May 1, 2018, is hereby reconvened.

The meeting reconvened at 10:46 a.m. The Chairman stated that no decisions were made in Executive Session.

CONSENT AGENDA ITEMS

Items 7 – 23

ITEMS CONCERNING THE PURCHASE OF EQUIPMENT, MATERIALS AND SUPPLIES

7. A Resolution accepting recommendations regarding the contracting for certain services, equipment, materials, and supplies, and authorizing the acceptance of bids as follows: (DOUG EVANSON – YVONNE TORRES)

A. Award of New One Time Purchases of Materials, Equipment and Services.

1. Approving a one-time purchase from San Antonio Southwest Trailers to provide: five each trailers for tractor-loader backhoe & utility and one each 14’ tandem axle heavy-duty utility trailer, Bid No. 18-18029, Items 1 & 2, for a total of $100,925.00.

2. Approving a one-time purchase from Grande Truck Center to provide: two each 10,000 GVWR high roof, extended, 4x4 DRW cargo van conversion with installed closed circuit TV inspection system, Bid No. 18-18037, for a total of $700,710.00.

3. Approving a one-time purchase from Silsbee Ford to provide: one each 11,000 GVWR 4x4, wide and long type bed crew cab pickup truck; two each 11,000 GVWR 4x4, wide and short type bed crew cab pickup trucks; three each 11,000 GVWR two wheel drive extended cab trucks with installed service body; one each 11,000 GVWR single rear wheel 4x2 regular cab truck with installed service body and 2,000 lb. cap crane; one each 14,000 GVWR DRW 4x2, wide and long type bed extended cab pickup truck, Bid No. 18-18028, Items 1, 2, 3, 4 & 5, for a total of $385,902.00.

4. Approving a one-time purchase from Grande Truck Center to provide: four each 66,000 GVWR cab-chassis (single cab) truck with installed 10-
cubic yard, single engine, jet-vacuum sewer cleaning machine; one each 19,000 GVWR (minimum) 84” CA, 4x2 regular cab, cab-chassis with installed reinforced utility body and 6,000 lb. corner mounted crane, Bid No. 18-18036, Items A & C, for a total of $1,703,760.00.

5. Approving a one-time purchase from Santex Truck Center, Ltd. dba Kyrish Truck Center to provide: eight each 25,000 GVWR cab-chassis, 4-door, crew cab, 84” CA truck with installed aluminum utility body and 2,000 lb. crane; one each 66,000 GVWR cab-chassis with installed 8-yard on-site cement mixer (single cab), Bid No. 18-18036, Items B & D, for a total of $1,272,425.95.

6. Approving a one-time purchase from Holt Cat to provide: five each rubber track, zero turn swing mini excavator with attachments, (BuyBoard 515-16), Bid No. 18-18039, for a total of $219,750.00.

7. Approving a one-time purchase from RDO Equipment Co. to provide: one each 4x4 extend-a-boom backhoe, (BuyBoard 515-16), Bid No. 18-18040, for a total of $100,571.40.

B. Award of New and Renewal Annual Goods & Services Requirement Contract and Maintenance Agreements. Estimated annual purchases are based on unit prices bid. Actual totals and quantities may vary from the estimate.

1. Acceptance of the single source bid of Xerox Corporation to provide: biennial contract for the renewal of Xerox multifunctional high color printer maintenance (DIR-TSO-3043) Bid No. 18-9077, for a total of $152,054.56.

2. Acceptance of the bid of RFD & Associates to provide: annual contract for Oracle software licenses (DIR-TSO-2548), Bid No. 18-1310, for a total of $286,104.38.

CAPITAL IMPROVEMENT CONTRACTS
PROJECTS INVOLVING IMPROVEMENTS, EXTENSIONS AND ADDITIONAL CAPACITY

Water and Sewer Line Improvements

8. A Resolution awarding a construction contract to Cruz Tec, Inc. in an amount not to exceed $563,215.79 in connection with the Mildred 24” Sewer Outfall - DR 881 Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

9. A Resolution ratifying the actions of the Vice President of Engineering and Construction in approving Change Order No. 1 in an amount not to exceed $894,626.82 to the construction contract with SAK Construction, LLC in connection with the East Sewershed Package III Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)
10. A Resolution awarding a professional services contract to CAS Consulting and Services, Inc. in an amount not to exceed $600,000.00 in connection with the 2018 Small Diameter and Large Diameter Condition, Capacity, and Governmental Contracts. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

11. A Resolution awarding a professional services contract to Gonzalez-De La Garza & Associates, LLC in an amount not to exceed $600,000.00 in connection with the 2018 Small Diameter and Large Diameter Condition, Capacity, and Governmental Contracts. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

12. A Resolution awarding a professional services contract to LNV, Inc. in an amount not to exceed $600,000.00 in connection with the 2018 Small Diameter and Large Diameter Condition, Capacity, and Governmental Contracts. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

13. A Resolution awarding a professional services contract to Unintech Consulting Engineers, Inc. in an amount not to exceed $600,000.00 in connection with the 2018 Small Diameter and Large Diameter Condition, Capacity, and Governmental Contracts. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

14. A Resolution awarding a professional services contract to Pape-Dawson Engineers, LLC in an amount not to exceed $800,000.00 in connection with the 2018 Small Diameter and Large Diameter Condition, Capacity, and Governmental Contracts. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

15. A Resolution awarding a professional services contract to RPS Infrastructure, Inc. in an amount not to exceed $800,000.00 in connection with the 2018 Small Diameter and Large Diameter Condition, Capacity, and Governmental Contracts. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

16. A Resolution awarding a construction contract to E-Z Bel Construction, LLC in an amount not to exceed $358,296.65 in connection with the Turtle Creek No. 3 Sewer Line Relocation Project. (ANDREA BEYMER – MICHAEL MYERS)

17. A Resolution approving Change Order No. 5 in an amount not to exceed $127,522.00 to the construction contract with Archer Western Construction, LLC in connection with the 34th Street Pump Station Improvements Project; authorizing additional expenditures in an amount not to exceed $120,000.00 to the professional services contract with Tetra Tech, Inc. for additional engineering services. (ANDREA BEYMER – MICHAEL MYERS)

18. A Resolution ratifying the actions of the Vice President of Engineering and Construction in approving additional services and funds in an amount not to exceed $141,274.00 to the professional services contract with Black & Veatch Corporation in Production, Transmission and Treatment Improvements
connection with the Water Resources Integration Program, Project 2: Pump Station Project. (ANDREA BEYMER – MICHAEL MYERS)

REPLACEMENT AND ADJUSTMENT PROJECTS

Governmental Relocations and Replacements

19. A Resolution approving the expenditure of funds in the amount of $119,760.00 for the adjustment of water and sewer facilities by the City of San Antonio in connection with the 2017 Bond Program Pedestrian & Streets Mobility Projects, Package 1. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

20. A Resolution approving the expenditure of funds in the amount of $181,250.00 for the adjustment of water and sewer facilities by the City of San Antonio in connection with the 2018-2019 Task Order Contract for Flatwork and Street Improvements Package 1. (ANDREA BEYMER – GAIL HAMRICK-PIGG)

EASEMENT AND REAL PROPERTY

21. A Resolution approving the acquisition of a permanent sewer line easement being approximately 1.826 acres and a temporary construction easement being approximately 1.477 acres from LETJ Limited Partnership, a Texas Limited Partnership, and located outside Loop 410 in the vicinity of Salado Creek and Wurzbach Parkway, in the northeast quadrant of Bexar County, Texas, in connection with the E-20 Wurzbach Parkway Project in a total amount not to exceed $242,636.00. (NANCY BELINSKY – BRUCE HABY)

MISCELLANEOUS ITEMS

22. A Resolution approving an addendum to the existing software and licensing agreement with Halogen Software, Inc. in an amount not to exceed $141,960.90 for the period ending December 31, 2018 in connection with annual licenses for various Halogen Software modules and hosting. (DOUG EVANSON – SREE PULAPAKA)

23. A Resolution awarding a professional services contract to Carollo Engineers, Inc. in an amount not to exceed $219,809.00 for the period of May 7, 2018 to May 6, 2019 in connection with the 2019-2028 Impact Fee Update. (ANDREA BEYMER – TRACEY LEHMANN)

Chairman Guerra asked if there were any items in the Consent Agenda that should be pulled for individual discussion or consideration.

Ms. Merritt made a motion to approve the Consent Agenda Items 7 – 23. Mr. McGee seconded the motion.

Consent Agenda Items 7 – 23, were unanimously approved. Electronic voting. Mayor Nirenberg was not present for the vote on Consent Agenda Items 7 – 23.
ITEMS FOR INDIVIDUAL CONSIDERATION

CAPITAL IMPROVEMENT CONTRACTS

PROJECTS INVOLVING IMPROVEMENTS, EXTENSIONS AND ADDITIONAL CAPACITY

Developer Customer Contracts

24. A Resolution approving Utility Service Agreements to provide water and/or wastewater service to the tracts listed below requiring potential oversizing of mains (OVR), and/or are located outside the San Antonio Water System water and/or wastewater Certificate of Convenience and Necessity (CCN). (ANDREA BEYMER – TRACEY LEHMANN)

<table>
<thead>
<tr>
<th>No.</th>
<th>Tract Name</th>
<th>Developer</th>
<th>Acres</th>
<th>W EDUs</th>
<th>WW EDUs</th>
<th>CoSA / CoSA ETJ / Outside</th>
<th>EARZ / CZ</th>
<th>JBSA</th>
<th>Board Reason</th>
<th>W CCN</th>
<th>WW CCN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Potranco Road Apartments</td>
<td>Ranch on Potranco, LLC</td>
<td>13.94</td>
<td>136</td>
<td>122</td>
<td>COSA ETJ OUSIDE N OVR INSIDE INSIDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Eisenhower Park</td>
<td>City of San Antonio</td>
<td>323</td>
<td>30</td>
<td>8</td>
<td>COSA INSIDE N CCN OUTSIDE OUTSIDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>212 Hibiscus</td>
<td>David Lewis</td>
<td>0.53</td>
<td>1</td>
<td>0</td>
<td>OUTSIDE N CCN OUTSIDE INSIDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td><strong>337.47</strong></td>
<td><strong>167</strong></td>
<td><strong>130</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tracey Lehmann presented Item #24, Utility Service Agreements (USA) for the Potranco Road Apartments Tract, Eisenhower Park Tract, and 212 Hibiscus Tract. He discuss the year-to-date totals compared to the average over the last three years. There were approximately 600 acres more than average, water equivalent dwelling units (EDU) were on target, and wastewater EDUs were approximately 3,000 less than the average.

The Potranco Road Apartments Tract was a 14 acre multi-family development located on the far west side just off Potranco Road near Highway 211. The developer was requesting 136 water EDUs and 122 wastewater EDUs. The property was within the City of San Antonio ETJ and within SAWS water and wastewater CCNs. The project was over the Edwards Aquifer recharge zone and contributing zone, but was outside of the five-mile buffer for military bases. The project had a requirement for oversizing of a 24-inch water main. The project was in the impact fee calculations, and the developer would receive impact fee credits for their participation in the oversizing of the project. He reviewed project maps and proposed infrastructure options for the tract.

The Eisenhower Park Tract was a 323 acre existing City of San Antonio park. The park was within the city limits just off of Northwest Military Highway, north of Loop 1604 and abuts the southern boundary of Camp Bullis. The tract was within the five-mile radius and over the Edwards Aquifer recharge and contributing zone. The project was also located outside of
SAWS water and wastewater CCN. He reviewed project maps and proposed infrastructure options for the tract.

The 212 Hibiscus Tract was a half-acre residential lot just off of West Avenue. The property was not over the Edwards Aquifer recharge or contributing zones, and was outside San Antonio city limits. The property was within Castle Hills city limits. While the tract was in SAWS wastewater CCN, the developer would use septic because there was not an existing sewer main within close proximity. The anomaly of this tract was that it was in the middle of SAWS service area and outside of SAWS water CCN. He reviewed project maps and proposed infrastructure options for the tract.

Staff recommended approval of the USAs for the Potranco Road Apartments Tract, Eisenhower Park Tract, and 212 Hibiscus Tract.

Mr. Parra made a motion to approve Item 24. Ms. Merritt seconded the motion.

Ms. Jasso inquired about the communication with Joint Base San Antonio (JBSA) on the Eisenhower Park Tract. Mr. Lehmann replied that staff notified JBSA of the development and the addition of water and sewer service.

Ms. Hardberger asked for more historical information as to why some of the tracts were outside the CCN. Mr. Lehmann replied that as far as the Hibiscus Tract, there was a gap after the CCN of SAWS and BexarMet were combined. For the Eisenhower Park Tract, he assumed the city limits had changed once the park was acquired.

Mr. Parra asked if the white area that was outside SAWS CCN had water service. Mr. Lehmann responded there was water available through an 8-inch water main, but no one held the CCN to serve that area.

After no further discussion, Item 24 was unanimously approved. Electronic voting. Mayor Nirenberg was not present for the vote on Item 24.

Production, Transmission and Treatment Improvements

25. A Resolution awarding a construction contract to Associated Construction Partners, Ltd. in an amount not to exceed $6,610,000.00 in connection with the Dos Rios WRC Sludge Thickening Facility Expansion Project.

(ANDREA BEYMER – MICHAEL MYERS)

Marisa Palmer presented Item 25, the construction award for the Dos Rios Water Recycling Center (WRC) Sludge Thickening Facility Expansion Project. She discussed why wastewater was treated to produce sewage sludge thereby reducing the overall cost to dispose of the solids, and reviewed a general process flow diagram that showed how wastewater was treated at the Dos Rios facility. In general, there were two process treatments in wastewater. The liquid process stream essentially became effluent at the end of the plant that was turned in a body of water, and the solids stream that must be treated and ultimately disposed.

She noted that the solids streams from all of the WRCs were processed at Dos Rios WRC.
The solids processing was centralized at Dos Rios WRC back in 2006. In 2017, a new sludge blending tank was installed at Dos Rios WRC to allow for the complete mixing of all the sludge from these plants in order to produce a uniformed and a consistent sludge for more efficient processing. Following the tank installation, it was determined that the facility lacked sufficient solids handling capabilities for projected flows. To address this it was necessary to install additional thickening components. The installation of centrifuges would provide for this loading requirement, and also would provide for more efficient and flexible sludge thickening operations.

Arcadis U.S., Inc. was contracted under a present work order contract to develop a design for installing two centrifuges. She reviewed an aerial map of the facility and the location of the different treatment components. The project would install two centrifuges as well as supporting components that included sludge feed pumps, polymer feed system, and sump pumps. Electrical and instrumentation control panels would be provided to support the equipment, and would be housed in a modular electrical building to be constructed. Thickened sludge and subnatant pipelines would also be constructed. And lastly, system programming, integration, testing, start-up and training would be performed once the project was complete. Existing facilities would be used as much as possible. She showed a video and discussed how a centrifuge operates.

A mandatory pre-bid meeting was held to discuss the scope of work and the requirements for shutdowns as well as the need for continuous operations during the construction. Associated Construction Partners, Ltd. was deemed the lowest responsible bidder with a bid of $6,610,000.00. The bid was an 11 percent decrease from the engineer's estimate, and the construction duration was 400 days. Associated Construction Partners, Ltd. had not done work for SAWS in the past so staff did bring the contractor in to discuss and confirm the scope of work and the bid amount. In addition, reference checks were conducted and their project experience was reviewed to see that it was relevant. References were all favorable, and project work experience again was relevant.

Staff recommended the award of the construction contract to Associated Construction Partners, Ltd., and approval of funds in the amount not to exceed $6,610,000.00 for the construction of the Dos Rios WRC Sludge Thickening Facility Expansion Project.

Ms. Jasso made a motion to approve Item 25. Ms. Merritt seconded the motion.

Mr. McGee stated he assumed the purpose of the project was to mitigate future operating expenses and lower the cost of handling sludge. He asked if there was a break even analysis done. Ms. Palmer responded that additional capacity was needed. Through evaluation, staff saw that the centrifuge would not only set up for higher quality solids in the future, but there were a lot of advantages in going towards centrifuges because the polymers used a small footprint. Mr. Clouse answered that a break even analysis had not been done. The current technology was becoming older and the needed rehab would take a major financial investment. The new technology reduced the amount of water put into the digesters. The digesters were one of the most expensive components at the plant. By reducing the water put into those tanks, the future need to build more of those tanks was reduced along the way. He stated staff could provide an analysis of going from one technology to the other and the associated costs.
Mr. McGee stated he would still be supportive of the item, and thought it was pretty obvious the project would be beneficial from an operating cost standpoint. Mr. Clouse confirmed and stated the older technology actually used less energy. This was a step up in the total energy that would be used, but the tradeoff was more water back from the process and reduced digester demand.

After no further discussion, Item 25 was unanimously approved. Electronic voting. Mayor Nirenberg was not present for the vote on Item 25.

26. **A Resolution awarding a construction contract to Archer Western Construction, LLC in an amount not to exceed $18,574,200.00 in connection with the Basin Pump Station Improvements Phase II Project; authorizing additional expenditures in an amount not to exceed $338,605.00 to the professional services contract with Tetra Tech, Inc. for related design and construction phase services.**

   (ANDREA BEYMER – MICHAEL MYERS)

Mike Myers presented Item 26, the construction award for the Basin Pump Station Improvements Phase II Project. He reviewed the project location and an aerial view of the basin pump station, which was surrounded by the Olmos Basin Golf Club and a residential area on the west side. The pump station had been in service for over 60 years. Major components of the facility included six wells, a five million gallon ground storage tank, six high service pumps, disinfection system, electrical equipment, and a fluoride system. Total firm capacity for the station was over 80 million gallons per day. Phase I of the improvements focused on outdated electrical systems and was completed in January 2016. He discuss an aerial photo and the components of the facility and photos of the completed work for Phase I.

The Central Water Integration Pipeline (CWIP) would terminate at the Basin Pump Station. These improvements would help integrate the water into the system and would include rehabilitation and painting of the tank and the connection of the pipeline that was part of CWIP. Also in this project, a new sodium hypochlorite disinfection system and new building for the system would be added. All yard and well piping and valves would be replaced, existing duct banks to the existing wells would be replaced, and all the wells would be upgraded to TCEQ criteria. The pump building roof would be replaced, roof drainage would be modified, and structural repairs made to the building. Civil site improvements and upgrades to the security system would also be provided.

Two bids were received and Archer Western Construction, LLC was the low bidder with a bid of $18,574,200.00. The CWIP portion of the project was $1,269,000.00 of the total project cost and would be an O&M expense. The bid represented an 11.55 percent decrease from the engineer's estimated construction cost, and the design engineer was Tetra Tech, Inc. Total SMWVB participation was 10.5 percent. Construction duration would be 510 days. Additional funds in an amount not to exceed $338,605.00 was needed for Tetra Tech, Inc. for the design and construction phase services. Construction phase services were not originally included in the design contract due to lack of funds at that time. Construction phase services would include site visits, review of submittals, RFI, RFP, and change orders, and would provide tank rehabilitation inspection services and special inspections.
Staff recommended the award of a construction contract to Archer Western Construction, LLC for an amount not to exceed $18,574,200.00 for the Basin Pump Station Improvements Phase II Project, and additional funds to Tetra Tech, Inc. in amount not to exceed $338,605.00 for the construction and design phase services.

Mr. McGee made a motion to approve Item 26. Ms. Jasso seconded the motion.

After no further discussion, Item 26 was unanimously approved. Electronic voting. Mayor Nirenberg was not present for the vote on Item 26.

**MISCELLANEOUS ITEMS**

27. **A Resolution awarding a services contract to Genuine Parts Company dba NAPA Auto Parts in an amount not to exceed $2,115,750.00 for the period ending September 30, 2019 in connection with fleet parts management and supply services.**

*(JEFF HABY – CARLOS MENDOZA)*

Carlos Mendoza presented Item 27, a services contract for fleet parts management and supply services. Fleet currently maintains 1,300 pieces of equipment and vehicles for an approximate value of $62 million. The 2018 O&M budget to maintain all 1,300 pieces was $9 million, and the 2018 capital budget to replace equipment was $5.3 million. There were approximately 43 fleets employees and 25 active fleet parts vendor contracts that maintain 80 different vehicle and equipment manufacturers. He referenced the vehicle and equipment purchases of about $4.5 million that were approved under the Consent Agenda.

He reviewed the criteria that was developed to replace equipment that included life cycle costing, age of equipment and odometer. Life cycle costing looked at parts and labor costs as opposed to the purchase price of equipment. Equipment odometer age criteria was developed to determine if a vehicle should be repaired and assure that $15,000.00 engines were not replaced on a truck worth $5,000.00. Another important fleet metric was fleet count. Since the integration of BexarMet, the fleet count was reduced by over 300 pieces of equipment.

Over the last three years, big improvements had been made to the fleet management program. He discussed an increase in work order productivity by 17 percent or 1,800 work orders. Highly skilled fleet technicians were hired and fleet maintenance outsourcing was reduced, which saved quite a bit of money. Over the same time period, maintenance expenditures were reduced by over $640,000.00 or 30 percent. By reducing outsourcing, the work was kept in-house at a much cheaper price and a more efficient turn time. Another key area of improvement was parts availability. One opportunity was vendor managed fleet parts. This concept was growing fast in fleet management in the United States. The vendor would set up part inventories on-site tailored for specific fleet needs. Staff visited Texas cities like Fort Worth, Denton and Garland with vendor managed fleet parts. All were experiencing parts availability metrics of at least 90 percent on demand. He compared SAWS current parts availability metrics for light duty with other Texas cities. SAWS was about 45 percent on demand, after two days it increased to 68 percent, 74 percent after three days, but 26 percent after three days. One of the leading factors for vendor managed fleet parts was leveraging
the buying power and parts network of a national vendor. Staff currently managed 25 different vendors and this caused delays in parts procurement. This concept would open the market for more of the parts vendors here in San Antonio, across the state, and even in the United States. He discussed how parts availability would impact the service availability and down time for critical equipment such as backhoes and concrete trucks. Cities like Chicago, Fort Worth, Kansas City, and Sacramento all utilized vendor managed fleet parts and were among the top leading fleets in the United States. He pointed out that SAWS was recognized as a Notable Fleet in 2018. Staff would like to be one of the leading fleets, and he thought vendor managed fleet parts would help SAWS get there.

He discussed how a vendor managed fleet parts would be implemented at SAWS. The vendor would establish an inventory on-site at the Eastside Operations Center. The fleet parts inventory would be tailored to the needs and dedicated exclusively to SAWS. The concept eliminated the need for parts inventory investment. SAWS would not pay for parts until it crossed the parts counter to the fleet technicians. It would eliminate long delivery times from multiple vendors and would lower parts costs in some instances. SAWS would have access to the parts networks across the United States and locally, and these parts would be managed by ASC certified personnel. The most efficient way to bring vendor managed fleet parts to SAWS was to exercise an interlocal agreement with the City of Fort Worth. The City of Fort Worth had extensive experience with vendor managed fleet parts with ten plus years. The City of Fort Worth contract was competitively bid, and on April 17, 2017, Fort Worth entered into a contract with Genuine Parts Company, doing business as NAPA Auto Parts. The contract with NAPA expires on September 30, 2018, with extensions that take the contract to 2022, and the contract had a cooperative purchasing clause. Based on estimated annual fleet parts purchases, staff was requesting an amount not to exceed $2,115,750.00 for a period of 17 months with up to three one-year extensions with Board approval. The breakdown of the $2.1 million was about $1.6 million for parts, $375,000.00 for fleet parts management, and $90,000.00 for motor fuel and lubricants.

Staff recommended the services contract with Genuine Parts Company doing business as NAPA Auto Parts in the amount not to exceed $2,115,750.00 for fleet parts management and supply services. The contract term was from May 2018 to September 2019 with up to three one-year extensions with Board approval.

Mr. Parra made a motion to approve Item 27. Ms. Hardberger seconded the motion.

Mr. Parra asked if the contract was equivalent to the amount of money that would be spent anyway, but a different mechanism that would improve efficiency. Mr. Mendoza confirmed.

Ms. Jasso inquired about whether the fleet staff were SAWS employees and whether the employees needed additional training. Mr. Mendoza replied the fleet employees were SAWS employees. Technology changed faster in the automotive industry than it did in the medical field. SAWS had to keep up with training for the fleet technicians. Otherwise, the alternative was outsourcing that work at a much higher price.

Ms. Hardberger inquired about going to the independent vendors versus going to the central vendors, and to what extent would staff still shop around. Mr. Mendoza replied that SAWS currently did business with 25 different vendors for various fleet parts. NAPA would be
used to go through those vendors to locate the part, if NAPA did not have the part on hand. NAPA would have buying power across the United States and with different dealerships to get the part in a timely fashion.

Ms. Hardberger asked what percentage of parts were not easily found with the original 25 vendors. Mr. Mendoza responded that 9,000 of the 12,000 work orders were corrective maintenance and 3,000 were preventative maintenance. Fleet did a good job of keeping oil filters and air filters on hand, but were spinning their wheels getting parts in for the corrective maintenance items. Customers were waiting at least two to three days at a minimum.

Chairman Guerra inquired about the inventory normally managed in the fleet service department. Mr. Mendoza replied the only inventory was for preventative maintenance such as oil filters and air filters. The inventory was about $100,000.00. The services contract would include $1.6 million for parts, $375,000.00 for personnel, and $90,000.00 for motor oil and lubricants.

Chairman Guerra asked about what parts would be added to the inventory. Mr. Mendoza replied SAWS maintained 80 different manufacturers so there were various types of DOT codes. Right now, the finance system of record was used to order parts and the parts numbers were not tracked. The vendor managed fleet parts would build their intelligence over time and built the inventory as part of the process.

Mr. Clouse explained the costs would be about the same as in the past. The difference was the $375,000.00 management fee that would be paid to NAPA to manage not only the existing inventory, but to provide the service to get those parts that were hard to get. Fleet’s goal was not to expand the number of units on the road, but to find a way to get those vehicles out of the shop and back in the field much quicker. This was a new business model for SAWS. Staff went to other facilities to see how it worked. The contract was for a short period to allow staff to determine if it would benefit SAWS before extending the contract period.

Chairman Guerra inquired about how the $2 million inventory would be managed especially for parts that were never used. Mr. Mendoza replied one of the first things NAPA would do was inventory current parts and then NAPA would purchase that inventory from SAWS. Staff would work with NAPA on the inventory throughout the year, but for the most part NAPA could sell parts to another city.

After no further discussion, Item 27 was unanimously approved. Electronic voting. Mayor Nirenberg and Trustee McGee were not present for the vote on Item 27.

28. BRIEFING SESSION.

A. Briefing and deliberation regarding the Vista Ridge Project

Donovan Burton gave a briefing on the Vista Ridge Project. On the supply side, Garney, the project company, was ahead of schedule. In January 2020, testing would begin for production by April 2020. The project was 18 wells, potentially 19 wells that would feed through 142 miles of pipeline, three pump stations, and the terminus facility where the
project company would turn the water over to SAWS. The project company’s capital cost was just under $930 million.

He discussed the status of the project. On the 142 miles of pipelines, the project company had about 50 miles installed, and were actually working with four different crews. There was a crew working in Bexar County, two other crews working about midway, and then a crew working in the well field and the high service pump station. The pipe was 54-inch to 60-inch pipe, but mostly 60-inch pipe. About 90 percent of the well field collection pipe was installed. There were nine Carrizo wells and nine Simsboro wells in the well field. About seven Simsboro wells were complete and about eight Carrizo wells were complete. The well field would feed into the high service pump station at the top of the pipeline. The station would have cooling towers, four very large pumps, and a four million gallon concrete storage tank. The high service pump station was about 20 percent complete, with the storage tank being complete. Intermediate Pump Station No. 1 (IPS1) was around the Elgin area, and included a four million gallon concrete tank. The tank was about 75 percent complete, and the pumps were in place as well as some well field piping. The IPS1 site was about 15 percent complete. IPS2 was in Guadalupe County, between New Braunfels and Seguin. IPS2 included another four million gallon tank that was about 50 percent complete. IPS2 was about 10 percent complete overall. The terminus facility was where the water would be turned over to SAWS. On the terminus site, the project company started the construction of their 10 million gallon concrete tank. The Board approved the construction of SAWS 10 million gallon concrete tank at the last Board meeting so that would be starting soon. The facility would include calcium addition facilities, disinfection, solids handling, and was about five percent complete. He reviewed the project timeline for SAWS integration project and the major component under the integration project.

Another responsibility SAWS had was setting up the electrical service. Staff was working with three different electric co-ops, Bluebonnet, GVEC and CPS Energy. Staff was negotiating with the co-ops to get rates as low as possible, not only the electric rates but also the installation rates for the infrastructure. He reviewed the timeline for each of the co-ops and each portion of the project. Each of these components would be done by January 2020.

The other major initiative was the selection of the operating service provider. This would be the next important decision making process within the project. It would determine who would operate the project for the next 30 years. The project company was going through that process now, and would bring a selection to SAWS on who they think should be the operator. Staff was obviously looking through those, and would bring information to the Board in the early fall for consent or not to the selection of the operating service provider.

Ms. Hardberger asked for an update on the sale of water from the Vista Ridge Project. Mr. Burton replied there had been a lot of interest of different parties up and down the pipeline. Through the discussion with the Board, some key things were identified that included working in partnership with these communities on conservation. He stated he needed to put together some basic terms for the Board to review probably within the next month or two.

Ms. Hardberger encouraged that from a timeline perspective in terms of short-term versus long-term contracts and what the plan was for unintended consequences on the short-term contracts. She stated a conversation on conservation would be helpful. Mr. Burton replied
that conservation was a very important part.

Ms. Merritt asked if SAWS would be able to control how the water was used, once the water was sold. Mr. Burton replied not directly. There could be some contractual obligations with various cities or utilities. The issues and difficulty would come with enforcement. SAWS does not have any enforcement in the City of San Marcos, for example. Some contractual measures could be put in place, but that would be the only sort of hammer that could be used.

B. Briefing and deliberation regarding Quarterly Financial and Investment Reports

Mary Bailey provided a briefing on the financial results for the first quarter of 2018. The financial results were very positive for the first three months of the year, despite the fact that operating revenues were $6.2 million unfavorable to budget. Favorable variances in non-operating income, operating expenses and interest expense more than offset the unfavorable variance in operating revenues. As a result, the increase in net position before capital contributions was $15.7 million, which was more than triple the $5 million that had been projected through the budget for the first quarter. Billed usage for the first quarter was nearly 6 percent less than budget, but was only down one percent from this time last year. The first quarter was somewhat wet and cool, which had an impact on water usage. The trend was expected to begin reversing in May as the temperatures start to heat up and people begin to water their lawns. The increase in operating revenues of about $5.9 million was primarily due to the increase in rates in January. While billed water usage was down from budget, the new residential average winter consumption for the next 12 months finalized at 5,188 gallons on average. This was slightly less than what had been projected in the budget of 5,192 gallons, but was 2.5 percent less than the current winter average of 5,223 gallons. The cooler weather and more rain during the winter average period certainly helped influence the average, but customers were very conscious of their water use during the winter average period. Operating expenses before depreciation were $8 million favorable or 10 percent favorable to budget, largely due to timing differences in certain contractual services, materials and supplies. Operating expenses before depreciation were $3 million more this time last year. The primary drivers for this increase was salary and benefits were capitalized in terms of costs, interest and debt-related expenses were also favorable to budget by about $6.9 million, primarily due to the timing of planned debt expenses. The budget assumed that all debt was issued on January 1, and debt really was not issued last year. Staff worked last week on debt expenses and issued about $210 million bonds. Some of that would take out existing debt, and would include about $72 million in new money that would be used for capital projects. Impact fees and plant contributions were also very strong during the first quarter, exceeding both budgets. Customer growth had been about 1.6 percent since last year, which was in line with budget projections.

SAWS financial position continued to show improvement year over year. The increase in net position of $254 million over the last 12 months and particularly the $79 million increase in unrestricted net position were certainly indications of improvement. Unrestricted investments increased $78 million during the last 12 months, and increases in unrestricted investments were generally utilized to cash fund capital projects in order to minimize debt issues. Capital assets increased $173 million compared to this time last year, while outstanding debt decreased $75 million with the new bond issue.
SAWS financial metrics continued to show improvements. The debt coverage ratio at the end of March of 1.91 times improved slightly from the end of 2017. The target for this metric was 1.75 times. This metric along with days cash on hand were probably the two most important metrics supporting SAWS AA+ bond rating. Days cash on hand increased slightly from the end of 2017. As more unrestricted cash resources were used to fund CIP, the metric would start to move closer to the goal of 300 plus days.

Phyllis Garcia reviewed the quarterly investment report as required by the Texas Public Funds Investment Act. At the end of the first quarter, total investments were approximately $941 million, and were up from the prior quarter mainly due to the positive financial results as well as accumulation of funds to pay a debt service payment on May 15. Earnings for the quarter totaled $3.3 million and the overall portfolio yield was 1.5 percent.

The majority of the portfolio was invested in U.S. Agency Securities in the form of discount notes and coupon notes, with the remaining funds invested in Treasury securities, investment pools and money market funds. The portfolio was invested in a diverse number of issuers, totaling 10 in all, with the highest concentration in Federal Home Loan Bank.

The benchmark for the portfolio was a six-month and one-year Treasury. As of the end of March, the portfolio was unfavorable to the benchmark. The treasury rates were based on a particular day, while the SAWS portfolio yield was based on the holdings over the entire quarter, which did not change as rapidly as the Treasury rates. SAWS portfolio reacted slower to changes in interest rates, which was favorable in a declining interest rate environment but unfavorable in the rising interest rate environment. During the quarter, the six-month Treasury increased 21 basis points, while the one-year Treasury increased 36 basis points, and the SAWS portfolio increased 1 basis point.

She reviewed the short and intermediate yield curve. Last year, the short-term rates continued to increase and it was expected that the rates would continue to increase throughout 2018. As required by the SAWS Investment Policy, all bank deposits were collateralized. SAWS continued to utilize its earnings credit to offset bank fees, with the earning credit being 1.8 percent at the end of the quarter.

Overall, SAWS portfolio was in compliance with the SAWS Investment Policy. All transactions were made in accordance with SAWS investment strategies, and the portfolio was invested per its objectives in order of priority of legality, safety, liquidity, diversification, and finally, yield.

29. **President/Chief Executive Officer’s Report.**

A. **Texas Water 2018**

Mr. Puente discussed the AWWA water conference that was held every year in different Texas cities. Texas Water 2018 was held in San Antonio. Obviously, SAWS was very involved. There were over 5,000 attendees. Alissa Lockett was the co-chair and host committee chair for the program. SAWS had many participants that included an exhibit booth, volunteers and presenters. Tours were held at several of SAWS facilities, Dos Rios WRC, Market Street Pump Station and H2Oaks Center. The Market Street Pump Station had
been online for over 100 years and provided service for the entire area. It was also the first station in the U. S. that could be operated by computers.

Mr. Puente stated he was the keynote speaker, however, SAWS had numerous other employees speak on various water topics, which included Adam Conner, Lynne Christopher, Greg Wukasch, Karen Guz, and Saqib Shirazi. Staff also won a Watermark Award for different campaigns, Waterful campaign and Garden SA, and received honorable mention for overall newsletter and 2018 safety calendar.

Several employees were recognized for their efforts. Robert Herrera and Joanna Trevino, who actually saved the life of an individual caught in a burning car and used their water truck to put out the fire, were recognized. Lance Rothe received the Emerging Leader Award. SAWS also participated in the conference exhibits, and the booth was not a typical booth. He discussed a photo of SAWS booth and the theme behind the exhibit. Trustee Parra also attended the conference and stopped by the booth to visit with staff. He commented on the conference logo that was used throughout the conference and on any kind of mailing or advertisement, and recognized Brian Wilkie, who designed the conference logo.

Mr. Parra added that the conference was fantastic, and he congratulated the water tapping teams. Mr. Puente stated the teams would be recognized next month.

Chairman Guerra thanked Mr. Parra for participating and Mr. Puente for providing the report on SAWS efforts.

30. **Inquiries of the Board of Trustees for future briefings and/or follow-up action.**

Mr. Puente asked for a report from Ms. Jasso on the parade route. Ms. Jasso stated the parade was wonderful. She participated on the SAWS float along with her granddaughter. Ms. Hardberger commented on the suggestions for next year’s parade and to have more people participate.

34. **Adjournment.**

The San Antonio Water System Board of Trustees Meeting of May 1, 2018, is hereby adjourned.

The San Antonio Water System Board of Trustees Meeting of May 1, 2018, adjourned at 12:05 p.m.

______________________________
Berto Guerra, Jr., Chairman

**ATTEST:**

______________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees  
FROM: Robert R. Puente, President/Chief Executive Officer  
SUBJECT: Acceptance of Bids for Services, Equipment, Materials and Supplies  

The attached resolution accepts bids and awards contracts for services, equipment and supplies as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>This Board Meeting</th>
<th>Year-to-Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of Contracts (SMWB)</td>
<td>Estimated Amount (SMWB)</td>
</tr>
<tr>
<td>A. Award of New One Time Purchases of Materials, Equipment or Services</td>
<td>2</td>
<td>863,015.00</td>
</tr>
<tr>
<td>B. Award of New and Renewal of Annual Goods &amp; Services Requirements Contracts and Maintenance Agreements</td>
<td>3</td>
<td>1,665,331.20</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>2,528,346.20</td>
</tr>
<tr>
<td>SMWB Purchasing Contracts (percentage)</td>
<td>20.00%</td>
<td>3.96%</td>
</tr>
</tbody>
</table>

SMWB Purchasing Contracts (percentage)

Approved:  
Robert R. Puente  
President/Chief Executive Officer

Reviewed:  
Marisol V. Robles  
SMWB Program Manager
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES ACCEPTING BIDS AND AWARDING CONTRACTS FOR THE PROCUREMENT OF CERTAIN SERVICES, EQUIPMENT, MATERIALS AND SUPPLIES; AUTHORIZING EXPENDITURES TO PROCURE THE SAID SERVICES, EQUIPMENT, MATERIALS AND SUPPLIES; AUTHORIZING THE DIRECTOR OF THE PURCHASING DIVISION, OR HER DESIGNEE, TO EXECUTE DOCUMENTS RELATED THERETO; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Director of the Purchasing Division of the San Antonio Water System (the "System") has recommended certain bids be accepted, certain contracts be awarded, and certain other actions be taken to procure services, equipment, materials and supplies which are necessary for the operation of the System; and

WHEREAS, the said recommendations are fully set out in "Attachment I" which is attached hereto and made a part hereof, and said recommendations have been approved by the System’s President/Chief Executive Officer; and

WHEREAS, the appropriate bidding procedures regarding the procurement of goods and services have been adhered to in the compiling of the attached recommendations, as reflected in administrative records supporting this resolution; and

WHEREAS, funds are available in the System’s budget to pay for the required services, equipment, materials and supplies; and

WHEREAS, the Board of Trustees of the San Antonio Water System desires (i) to accept the bids and award the contracts as recommended, (ii) to authorize from available funds of the System the expenditures necessary to carry out the recommended procurements, and (iii) to authorize the Director of the Purchasing Division or her designee to execute all contracts and other documents necessary to carry out the recommended procurements; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That the bids are accepted and the contracts are awarded for procurement of the services, equipment, materials and supplies listed in Attachment I, as recommended by the Director of the Purchasing Division.

2. That the expenditure of the necessary funds from the appropriate budget fund of the System for the procurement of the said services, equipment, materials and supplies is hereby authorized.
3. That the Director of the Purchasing Division, or her designee, is hereby authorized to notify bidders of the acceptance of bids, to execute contracts and other documents, and to carry out all other actions necessary to procure the said services, equipment, materials and supplies.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this the 10th day of July, 2018

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary
Award of New One Time Purchases of Materials, Equipment or Services

A. The following items will establish price and delivery for the one time purchase of Materials, Equipment and Services. These items are included in the current budget. Payment will be made from the applicable fund.

<table>
<thead>
<tr>
<th>VENDOR</th>
<th>DESCRIPTION</th>
<th>ITEM NO(s.)</th>
<th>ESTIMATED TOTAL PURCHASES</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silsbee Toyota</td>
<td>One Time Purchase of Five (5) each Toyota Tacoma Pickup Trucks (BuyBoard 521-16) Bid No. 18-18080</td>
<td>All</td>
<td>$127,415.00</td>
<td>This is a one time purchase of five (5) each Toyota Tacoma Pickup Trucks. These trucks are being purchased to be assigned to the Conservation Department. SAWS Technical Field Investigators will use these trucks in conducting irrigation consultations for SAWS external customers. These trucks are being purchased through the Local Government Purchasing Cooperative (BuyBoard 521-16)</td>
</tr>
<tr>
<td>Spectrum Biotechnologies, LLC</td>
<td>Cleaning of Digester Tanks at the Dos Rios Water Recycling Center Bid No. 18-18069</td>
<td>Items 1 &amp; 2 Alternates 1 &amp; 2</td>
<td>$735,600.00</td>
<td>This contract will be utilized for the Cleaning of Digester Tanks at the Dos Rios Water Recycling Center. These tanks are used at the treatment plant to process more than 700,000 gallons of wastewater sludge daily. The digesters require cleaning to remove the inert material/debris which can clog the system rendering the digester inoperable. Alternates 1 &amp; 2 are additional tanks to be cleaned. Staff has chosen not to award Alternate 3.</td>
</tr>
</tbody>
</table>

$863,015.00

*Indicates vendor is an SMWB, unless otherwise noted vendor is non minority.
Award of New and Renewal Annual Goods & Services Requirement Contracts and Maintenance Agreements

B. The following items will establish estimated quantities, unit price and delivery for the Service and Supply Contracts and their extensions. These items are included in the current budget. Payment will be made from the applicable fund. Estimated annual purchase is based on unit price bid; actual total and quantities, may vary from the estimate.

<table>
<thead>
<tr>
<th>VENDOR</th>
<th>DESCRIPTION</th>
<th>NO(s)</th>
<th>PURCHASES</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pozzi Enterprises, Inc. dba Border Construction Services (SBE)</td>
<td>Annual Contract for General Easement and Brush Clearing &amp; Related Properties Bid No. 18-18024</td>
<td>All</td>
<td>$ 100,000.00</td>
<td>This is a new contract. This contract will be utilized by System for the easement and brush clearing of properties and right of ways for various areas maintained by the System. This contract will be effective Date of Award (July 10, 2018) through September 30, 2019. If determined that an extension is favorable to System, price and service considered, the award includes the availability of four (4) additional one-year options to extend as provided for, and approved in future year's budgets.</td>
</tr>
<tr>
<td>2. Core and Main, LP</td>
<td>Biennial Contract for Ductile Iron Pipe Bid No. 18-0024</td>
<td>All</td>
<td>$ 297,704.00</td>
<td>This is a new contract. This contract will be utilized by System for the purchase of ductile iron pipe for the warehouse inventory on an as needed basis. This product will be used for crews to repair water supply lines. This contract will be effective Date of Award (July 10, 2018) through May 31, 2020. If determined that an extension is favorable to System, price and service considered, the award includes the availability of three (3) additional one-year options to extend as provided for, and approved in future year's budgets.</td>
</tr>
<tr>
<td>3. AT&amp;T</td>
<td>Biennial Contract for Data and Telecommunications Services Bid No. 18-18056</td>
<td>All</td>
<td>$ 1,267,627.20</td>
<td>This is a new contract. This contract will be utilized by System to provide network connectivity from the Payment centers, Service centers, Treatment Plants, and H2Oaks to our datacenters at Headquarters and back up datacenter at CPSE's ECHO location along with the high speed direct connection between the HQ and ECHO datacenters. It also includes our primary and backup SIP connections which handle all of our in and outbound phone calls. This contract will be effective Date of Award (July 10, 2018) through December 31, 2023. If determined that an extension is favorable to System, price and service considered, the award includes the availability of two (2) additional one-year options to extend as provided for, and approved in future year's budgets.</td>
</tr>
</tbody>
</table>

$ 1,665,331.20

*Indicates vendor is an SMWB unless otherwise noted vendor is non minority.

Board Date: July 10, 2018
BID 18-18080
Purchase of Toyota Tacomas
Local Government Purchasing Cooperative (BuyBoard) #521-16

This is a new one-time purchase awarded utilizing the Local Government Purchasing Cooperative, or BuyBoard #521-16. This purchase will be for five Toyota Tacomas.

The Local Government Purchasing Cooperative solicited Request for Proposals (RFP) to include the purchase of various types of Trucks. Specifically, the RFP stated “Because individual members require different equipment, supplies, and/ or services, the Proposal Invitation was a request for the base price of each vehicle plus associated fees, a discount off of catalog or pricelist for all options and upgrades, not-to-exceed hourly labor rates for installation and repair and per mile delivery fees.” The contract allows for purchases to be made by a Cooperative member at any time during the contract term of December 1, 2016 through November 30, 2019. Awarded vendors had to be approved by the manufacturer to sell, install, and service the brand of equipment submitted, and had to support this with an approval letter from each manufacturer. Specifically, in the state of Texas, an awarded vendor must have a Franchise Motor Vehicle Dealer Certificate for the Texas Department of Motor Vehicles. Additionally, awarded vendors had to meet multiple other criteria as defined in the RFP. The prices received are as follows:

<table>
<thead>
<tr>
<th>Toyota Sequoia</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Base Price</td>
</tr>
<tr>
<td>B. Published Options [Itemize each below]</td>
</tr>
<tr>
<td>Toyota Tacoma Ext Cab</td>
</tr>
<tr>
<td>2.7 Liter 4 CYL Engine</td>
</tr>
<tr>
<td>Power Windows/ Locks</td>
</tr>
<tr>
<td>Rear View Camera</td>
</tr>
<tr>
<td>Utility Package (Deletes Rear Seats)</td>
</tr>
<tr>
<td>Total of B. Published Options</td>
</tr>
<tr>
<td>C. Unpublished Options [Itemize each below, not to exceed 25%]</td>
</tr>
<tr>
<td>4&quot; MPower Surface MT LEDS</td>
</tr>
<tr>
<td>RKI C56 LP Toolbox</td>
</tr>
<tr>
<td>EJ Ward Canceiver System</td>
</tr>
<tr>
<td>Window Tint</td>
</tr>
<tr>
<td>Total of C. Unpublished Options</td>
</tr>
<tr>
<td>D. Additional delivery charge (300 miles @ $1.75/mile)</td>
</tr>
<tr>
<td>E. Subtotal Per Vehicle</td>
</tr>
<tr>
<td>F. Quantity Ordered - 5</td>
</tr>
<tr>
<td>G. BUYBOARD Administrative Fee ($400 per purchase order)</td>
</tr>
<tr>
<td>H. Total Purchase Price Including BuyBoard Fee</td>
</tr>
</tbody>
</table>
## SAN ANTONIO WATER SYSTEM
P. O. BOX 2449
SAN ANTONIO, TEXAS 78298-2449

### TABULATION OF BIDS

**Cleaning Digester Tanks at the Dos Rios WRC**

**TIME & DATE:** 3:00 p.m., June 1, 2018

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION AND APPROXIMATE QUANTITY</th>
<th>LUMP SUM</th>
<th>ADD ALTERNATE - Cleaning for Digester</th>
<th>LUMP SUM</th>
<th>ADD ALTERNATE - Cleaning for Digester</th>
<th>LUMP SUM</th>
<th>ADD ALTERNATE - Cleaning for Digester (Total Volume of Digester)</th>
<th>LUMP SUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lump Sum - Cleaning for Digester - The total amount for furnishing all labor, materials, tools, equipment, dewatering, transportation, disposal and incidentals required for the cleaning of digesters in accordance with the contract documents, complete in place</td>
<td>183,900.00</td>
<td>337,500.00</td>
<td>644,663.70</td>
<td>1,212,168.63</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Lump Sum - Cleaning for Digester - The total amount for furnishing all labor, materials, tools, equipment, dewatering, transportation, disposal and incidentals required for the cleaning of digesters in accordance with the contract documents, complete in place</td>
<td>183,900.00</td>
<td>337,500.00</td>
<td>511,008.35</td>
<td>1,212,168.63</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>ADD ALTERNATE - Cleaning for Digester - The total amount for furnishing all labor, materials, tools, equipment, dewatering, transportation, disposal and incidentals required for the cleaning of digesters in accordance with the contract documents, complete in place</td>
<td>536,324.00</td>
<td>450,000.00</td>
<td>710,673.63</td>
<td>1,212,168.63</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Terms

| Net | 30 days |
| Net | 30 days |
| Net | 30 days |
| Net | 30 days |

**LOW BIDDER**

*LOW BIDDER WERE E-MAILED TO AND/OR PICKED UP BY:

- Ace Pipe
- American Process Group Inc.
- Amprocess Group
- Barco Pump
- Beneficial Reuse
- Bis-Nomic
- Brenford
- Danail Water
- Debris Removal Solutions

**BID INVITATIONS WERE E-MAILED TO AND/OR PICKED UP BY:**

- Spectrum Biotechnologies, LLC
- Synagro of Texas-CDR, Inc.
- American Process Group, Inc.
- Renda Environmental, Inc.
- Intera Hydro
- Renda Environmental Inc.
- Spectrum Biotechnologies, LLC
- Synagro of Texas-CDR, Inc.
- Tapling Group
- Tervita

- Demandstar
- SAWYellow Pages
SAN ANTONIO WATER SYSTEM
P. O. BOX 2449
SAN ANTONIO, TEXAS 78298-2449

TABULATION OF BIDS

**Annual Contract for General Easement and Brush Clearing & Related Properties**

(Date of Reward to September 30, 2019)

3:00 p.m., May 24, 2018

**ITEM NO.** | **DESCRIPTION AND APPROPRIATE QUANTITY** | **UNIT** | **PRICE** | **TOTAL** | **SUBTOTAL** | **ADDITIONAL SERVICES** | **TOTAL** | **EXTENSION 1** | **EXTENSION 2** | **EXTENSION 3** | **EXTENSION 4** | **Terms** | **Delivery Days**
---|---|---|---|---|---|---|---|---|---|---|---|---|---
8 hours Chainsaw | | 18.00 | 11.00 | 1.00 | | | **SUBTOTAL** | **TOTAL** | **100,000.00** | **100,000.00** | **100,000.00** | **100,000.00** | **Net 30 days** | **1% 10 days** | **Net 30 days**

*LOW BIDDER

BIDS WERE E-MAILED TO AND/OR PICKED UP BY:

- Bartek TX
- BB Tree Trimming
- Border Construction
- Canopy Tree Service
- Cdw Consultant
- DirtBoys Inc
- DirtBoysa
- Edward Tij
- Horton Horticulture

Hunter Demolitions & Wrecking Corp
DirtBoysa

Ramos Demolition

Demandstar

Saws Web

*LOW BIDDER
SAN ANTONIO WATER SYSTEM
P. O. BOX 2449
SAN ANTONIO, TEXAS 78298-2449

TABULATION OF BIDS

Annual Contract for General Easement and Brush Clearing & Related Properties

(Date of Reward to September 30, 2019)

3:00 p.m., May 24, 2018

<table>
<thead>
<tr>
<th>ITEM &amp; QUANTITY</th>
<th>UNIT PRICE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>650,000 SF Light Clearing</td>
<td>$0.03</td>
<td>$19,500.00</td>
</tr>
<tr>
<td></td>
<td>$0.07</td>
<td>$45,500.00</td>
</tr>
<tr>
<td></td>
<td>$0.12</td>
<td>$78,000.00</td>
</tr>
<tr>
<td>650,000 SF Heavy Clearing</td>
<td>$0.05</td>
<td>$32,500.00</td>
</tr>
<tr>
<td></td>
<td>$0.10</td>
<td>$65,000.00</td>
</tr>
<tr>
<td></td>
<td>$0.18</td>
<td>$117,000.00</td>
</tr>
<tr>
<td>20 YD Trash Hauling</td>
<td>$25.00</td>
<td>$500.00</td>
</tr>
<tr>
<td></td>
<td>$675.00</td>
<td>$13,500.00</td>
</tr>
<tr>
<td></td>
<td>$275.00</td>
<td></td>
</tr>
<tr>
<td>SUBTOTAL</td>
<td>$52,500.00</td>
<td>$124,000.00</td>
</tr>
<tr>
<td></td>
<td>$200,500.00</td>
<td></td>
</tr>
</tbody>
</table>

UNIT HOURLY RATE: The Contractor will provide personnel and equipment on a per hour basis for those situations that do not fit the standard per unit pricing as determined by the county.

<table>
<thead>
<tr>
<th>8 hours</th>
<th>UNIT PRICE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supervisor - Regular Hour</td>
<td>$50.00</td>
<td>$400.00</td>
</tr>
<tr>
<td></td>
<td>$29.00</td>
<td>$232.00</td>
</tr>
<tr>
<td></td>
<td>$36.00</td>
<td>$288.00</td>
</tr>
<tr>
<td>Supervisor - Overtime Hour</td>
<td>$75.00</td>
<td>$600.00</td>
</tr>
<tr>
<td></td>
<td>$43.50</td>
<td>$348.00</td>
</tr>
<tr>
<td></td>
<td>$54.00</td>
<td>$432.00</td>
</tr>
<tr>
<td>Crew Leader - Regular Hour</td>
<td>$37.50</td>
<td>$300.00</td>
</tr>
<tr>
<td></td>
<td>$25.00</td>
<td>$200.00</td>
</tr>
<tr>
<td></td>
<td>$26.00</td>
<td>$208.00</td>
</tr>
<tr>
<td>Crew Leader - Overtime Hour</td>
<td>$56.25</td>
<td>$450.00</td>
</tr>
<tr>
<td></td>
<td>$37.50</td>
<td>$300.00</td>
</tr>
<tr>
<td></td>
<td>$39.00</td>
<td>$312.00</td>
</tr>
<tr>
<td>Laborer - Regular Hour</td>
<td>$22.00</td>
<td>$176.00</td>
</tr>
<tr>
<td></td>
<td>$21.00</td>
<td>$168.00</td>
</tr>
<tr>
<td></td>
<td>$18.00</td>
<td>$144.00</td>
</tr>
<tr>
<td>Laborer - Overtime Hour</td>
<td>$33.00</td>
<td>$264.00</td>
</tr>
<tr>
<td></td>
<td>$31.50</td>
<td>$252.00</td>
</tr>
<tr>
<td></td>
<td>$27.00</td>
<td>$216.00</td>
</tr>
<tr>
<td>Equipment Operator - Regular Hour</td>
<td>$35.00</td>
<td>$280.00</td>
</tr>
<tr>
<td></td>
<td>$26.00</td>
<td>$208.00</td>
</tr>
<tr>
<td></td>
<td>$16.00</td>
<td>$128.00</td>
</tr>
<tr>
<td>Equipment Operator - Overtime Hour</td>
<td>$52.50</td>
<td>$420.00</td>
</tr>
<tr>
<td></td>
<td>$39.00</td>
<td>$312.00</td>
</tr>
<tr>
<td></td>
<td>$24.00</td>
<td>$192.00</td>
</tr>
<tr>
<td>Rubber Tired Front End Loader</td>
<td>$125.00</td>
<td>$1,000.00</td>
</tr>
<tr>
<td></td>
<td>$62.00</td>
<td>$496.00</td>
</tr>
<tr>
<td></td>
<td>$16.00</td>
<td>$128.00</td>
</tr>
<tr>
<td>Rubber Tired Backhoe</td>
<td>$125.00</td>
<td>$1,000.00</td>
</tr>
<tr>
<td></td>
<td>$50.00</td>
<td>$400.00</td>
</tr>
<tr>
<td></td>
<td>$21.88</td>
<td>$175.04</td>
</tr>
<tr>
<td>Clearing Tractor with Flail</td>
<td>$150.00</td>
<td>$1,200.00</td>
</tr>
<tr>
<td></td>
<td>$87.00</td>
<td>$696.00</td>
</tr>
<tr>
<td></td>
<td>$21.00</td>
<td>$168.00</td>
</tr>
<tr>
<td>Clearing Tractor with Mower</td>
<td>$150.00</td>
<td>$1,200.00</td>
</tr>
<tr>
<td></td>
<td>$52.00</td>
<td>$416.00</td>
</tr>
<tr>
<td></td>
<td>$16.00</td>
<td>$128.00</td>
</tr>
<tr>
<td>Disc Chipper</td>
<td>$100.00</td>
<td>$800.00</td>
</tr>
<tr>
<td></td>
<td>$71.00</td>
<td>$568.00</td>
</tr>
<tr>
<td></td>
<td>$8.00</td>
<td>$64.00</td>
</tr>
<tr>
<td>Damp Truck</td>
<td>$85.00</td>
<td>$680.00</td>
</tr>
<tr>
<td></td>
<td>$100.00</td>
<td>$800.00</td>
</tr>
<tr>
<td></td>
<td>$12.00</td>
<td>$96.00</td>
</tr>
<tr>
<td>Pickup Truck</td>
<td>$20.00</td>
<td>$160.00</td>
</tr>
<tr>
<td></td>
<td>$24.00</td>
<td>$192.00</td>
</tr>
<tr>
<td></td>
<td>$8.00</td>
<td>$64.00</td>
</tr>
</tbody>
</table>
**SAN ANTONIO WATER SYSTEM**

**P. O. BOX 2449**

**SAN ANTONIO, TEXAS 78298-2449**

**TABULATION OF BIDS**

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION AND APPROXIMATE QUANTITY</th>
<th>UNIT PRICE</th>
<th>TOTAL</th>
<th>UNIT PRICE</th>
<th>TOTAL</th>
<th>UNIT PRICE</th>
<th>TOTAL</th>
<th>UNIT PRICE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4&quot; DI Pipe, &quot;Fastite&quot; Joint, Gauge Full Length, Class 150, SAWS #14733</td>
<td>15.62</td>
<td>1,562.00</td>
<td>15.47</td>
<td>1,547.00</td>
<td>16.55</td>
<td>1,655.00</td>
<td>17.00</td>
<td>1,700.00</td>
</tr>
<tr>
<td>2</td>
<td>6&quot; DI Pipe, &quot;Fastite&quot; Joint</td>
<td>10.77</td>
<td>1,077.00</td>
<td>11.59</td>
<td>1,159.00</td>
<td>11.41</td>
<td>1,141.00</td>
<td>11.70</td>
<td>1,170.00</td>
</tr>
<tr>
<td>3</td>
<td>8&quot; DI Pipe, &quot;Fastite&quot; Joint</td>
<td>14.18</td>
<td>1,418.00</td>
<td>14.92</td>
<td>1,492.00</td>
<td>15.02</td>
<td>1,502.00</td>
<td>15.45</td>
<td>1,545.00</td>
</tr>
<tr>
<td>4</td>
<td>12&quot; DI Pipe, &quot;Fastite&quot; Joint</td>
<td>23.33</td>
<td>2,333.00</td>
<td>24.47</td>
<td>2,447.00</td>
<td>24.72</td>
<td>2,472.00</td>
<td>25.40</td>
<td>2,540.00</td>
</tr>
<tr>
<td>5</td>
<td>16&quot; DI Pipe, &quot;Fastite&quot; Joint</td>
<td>33.48</td>
<td>3,348.00</td>
<td>35.13</td>
<td>3,513.00</td>
<td>35.48</td>
<td>3,548.00</td>
<td>36.50</td>
<td>3,650.00</td>
</tr>
<tr>
<td>6</td>
<td>20&quot; DI Pipe, &quot;Fastite&quot; Joint</td>
<td>45.63</td>
<td>4,563.00</td>
<td>48.20</td>
<td>4,820.00</td>
<td>48.36</td>
<td>4,836.00</td>
<td>49.75</td>
<td>4,975.00</td>
</tr>
<tr>
<td>7</td>
<td>24&quot; DI Pipe, &quot;Fastite&quot; Joint</td>
<td>54.74</td>
<td>5,474.00</td>
<td>57.91</td>
<td>5,791.00</td>
<td>58.02</td>
<td>5,802.00</td>
<td>59.70</td>
<td>5,970.00</td>
</tr>
</tbody>
</table>

**MANUFACTURER BRAND**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>Total Group 1 TOTAL</td>
<td>148,852.00</td>
<td>157,077.00</td>
<td>157,735.00</td>
<td>162,150.00</td>
</tr>
<tr>
<td></td>
<td>Total For 2 Years TOTAL</td>
<td>297,704.00</td>
<td>314,154.00</td>
<td>315,470.00</td>
<td>324,300.00</td>
</tr>
</tbody>
</table>

**EXTENSION 1**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>148,852.00</td>
<td>157,077.00</td>
<td>157,735.00</td>
<td>162,150.00</td>
<td>178,594.00</td>
</tr>
</tbody>
</table>

**EXTENSION 2**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>148,852.00</td>
<td>157,077.00</td>
<td>157,735.00</td>
<td>162,150.00</td>
<td>178,594.00</td>
</tr>
</tbody>
</table>

**EXTENSION 3**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>148,852.00</td>
<td>157,077.00</td>
<td>157,735.00</td>
<td>162,150.00</td>
<td>178,594.00</td>
</tr>
</tbody>
</table>

**Terms**

<table>
<thead>
<tr>
<th>Net</th>
<th>Net</th>
<th>Net</th>
<th>Net</th>
<th>Net</th>
<th>Net</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 days</td>
<td>30 days</td>
<td>30 days</td>
<td>30 days</td>
<td>30 days</td>
<td>30 days</td>
</tr>
</tbody>
</table>

**Delivery Days**

<table>
<thead>
<tr>
<th>7-10 days</th>
<th>10-15 days</th>
<th>10 days</th>
</tr>
</thead>
</table>

*BID INVITATIONS WERE E-MAILED TO AND/OR PICKED UP BY:*

- Act Pipe & Supply
- Aquaworks Pipe & Supply
- AY McDonald
- Core and Main, LP
- Corix
- Ferguson
- Fortiline
- HD Supply Waterworks
- Hydropro Solutions
- KLP Commercial
- LKL Commercial
- Morrison Supply
- Ms Tealine Pipe
- Municipal Water Works Supply
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
- Demandstar
- SAWS Website
- Supply
- Waterworks
- Works
BID NO. 18-18056
60 MONTH CONTRACT FOR DATA AND TELECOMMUNICATIONS SERVICES
SINGLE SOURCE

This contract will be utilized by System to provide network connectivity from the Payment centers, Service centers, Treatment plants, and H2Oaks to our datacenters at HQ and back up datacenter at CPSE’s ECHO location along with the high speed direct connection between the HQ and ECHO datacenters. It also includes our primary and backup Session Initiation Protocol (SIP) connections which handle all of our in and outbound phone calls.

These services are currently being provided by three separate contracts, but by combining and modernizing the services we will be able to take advantage of enhanced quality of service and monitoring options as well as realize a cost saving of $245,006.40 per year and $1,225,032.00 over the 60 month base term.

Four bids were received, but only one respondent bid on all of the services being requested in the bid document. Two bids were submitted on the SAWS Price Schedule, but the bidders did not bid on all of the items and are being deemed non-responsive. One bid was submitted with information on pricing, but it was not submitted on the requested form and it did not contain a price for each service requested and is therefore being deemed non-responsive.

AT&T proposed to use their Texas Department of Information Resources (DIR) contract for the SIP services, therefore the SIP services in the amount of $7,196.00 per month will be paid directly to DIR in accordance with DIR-TEX-AN-NG-CTSA-005, or subsequent DIR as modified. The Ethernet services in the amount of $13,931.12 per month will be paid directly to AT&T.

<table>
<thead>
<tr>
<th>Bid 18-18056 Services</th>
<th>Current Price Per Month</th>
<th>Bid 18-18056 Price Per Month</th>
<th>Cost Savings</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIR-SIP Trunk</td>
<td>$ 1,748.32</td>
<td>$ 1,748.32</td>
<td>$ -</td>
</tr>
<tr>
<td>DIR-SIP Concurrent Call Path</td>
<td>$ 5,447.68</td>
<td>$ 5,447.68</td>
<td>$ -</td>
</tr>
<tr>
<td>AT&amp;T Ethernet</td>
<td>$ 34,348.32</td>
<td>$ 13,931.12</td>
<td>$ 20,417.20</td>
</tr>
</tbody>
</table>

| Total Monthly Cost           | $ 41,544.32             | $ 21,127.12                  | $ 20,417.20  |
| 60 Month Term                | $ 2,492,659.20          | $ 1,267,627.20               | $ 1,225,032.00 |
| Ext 1 (12 Months)            | $ 498,531.84            | $ 253,525.44                 | $ 245,006.40  |
| Ext 2 (12 Months)            | $ 498,531.84            | $ 253,525.44                 | $ 245,006.40  |
| Base & Ext Total             | $ 3,489,722.88          | $ 1,774,678.08               | $ 1,715,044.80 |

This contract will be effective July 10, 2018 and the 60 month service will begin upon System’s acceptance of the installation and begin on that date. If determined that an extension is favorable to the System, price and service considered, the award includes the availability of two (2) additional one-year options to extend as provided for, and approved for in future years budgets.

Award amount for the base 60 month term is $1,267,627.20, and $253,525.44 per year for each extension option.
TO: San Antonio Water System Board of Trustees  
FROM: Gail Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction  
THROUGH: Robert R. Puente, President/Chief Executive Officer  
SUBJECT: AWARD OF CONSTRUCTION CONTRACT IN CONNECTION WITH THE 2017 CIPP & PIPEBURST CONSTRUCTION CONTRACT PROJECT  

Board Action Date: July 10, 2018  

SUMMARY AND RECOMMENDATION:  
The attached resolution awards a construction contract to Cruz Tec, Inc., a local, MBE-Hispanic firm, in the amount of $1,357,226.50 in connection with the 2017 CIPP & Pipeburst Construction Contract Project.  

- The contract that is the subject of the attached resolution will, if approved, authorize work that is required by the Consent Decree for the 2017 CIPP & Pipeburst Construction Contract Project between the San Antonio Water System, the United States of America, and the State of Texas that was lodged in the United States District Court for the Western District of Texas on July 23, 2013.  
- This contract will be used to rehabilitate sewer mains in need of repair based on condition assessment.  
- This contract will be for the rehabilitation of approximately 7,798 feet of 8-inch to 18-inch Cured-In-Place Pipe (CIPP) and Pipe Bursting. Additionally, the manholes will be rehabilitated.  
- Cruz Tec, Inc. has submitted the lowest responsible bid of $1,357,226.50.  

Staff recommends that the Board approve this resolution.  

FINANCIAL IMPACT:  
The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. This project is included in the Wastewater Core Business budget line item. The amount is $1,357,226.50 for wastewater related construction work under job number 17-4549.
SUPPLEMENTARY COMMENTS:

Merrick & Company prepared the bid proposal and specifications for the project. The engineer’s estimated construction cost was $1,312,330.38.

A bid opening was held on June 5, 2018, at 2:00 PM. The following bids were submitted:

<table>
<thead>
<tr>
<th>Bidder</th>
<th>Bid Amount</th>
<th>Local/SMWVB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineer’s Estimate</td>
<td>$1,312,330.38</td>
<td></td>
</tr>
<tr>
<td>Cruz Tec, Inc.*</td>
<td>$1,357,226.50</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>PM Construction &amp; Rehab, LLC</td>
<td>$1,645,641.30</td>
<td>Non-Local/Non-SMWVB</td>
</tr>
<tr>
<td>Texas Pride Utilities, LLC</td>
<td>$1,758,333.00</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Layne Inliner, LLC</td>
<td>$2,161,531.50</td>
<td>Non-Local/Non-SMWVB</td>
</tr>
</tbody>
</table>

*Lowest Responsible Bidder

The bid amount represents a 3.4 percent increase from the Engineer’s estimated construction cost.

Additionally, the overall SMWVB analysis is shown in the following table:

<table>
<thead>
<tr>
<th>2017 CIPP &amp; Pipeburst Construction Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cruz Tec, Inc.</td>
</tr>
<tr>
<td>SMWVB Analysis – Board Award</td>
</tr>
<tr>
<td>SBE</td>
</tr>
<tr>
<td>MBE – African American</td>
</tr>
<tr>
<td>MBE – Asian</td>
</tr>
<tr>
<td>MBE – Hispanic</td>
</tr>
<tr>
<td>MBE – Other</td>
</tr>
<tr>
<td>WBE – Minority</td>
</tr>
<tr>
<td>WBE – Non-Minority</td>
</tr>
<tr>
<td>SMWVB Total</td>
</tr>
</tbody>
</table>

Gail Hamrick-Pigg, P.E.  
Director  
Pipelines  

Andrea L.H. Beymer, P.E.  
Vice President  
Engineering and Construction
Award of Construction Contract
2017 CIPP & Pipeburst Construction Contract

APPROVED:

[Signature]

Robert R. Puente
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A CONSTRUCTION CONTRACT TO CRUZ TEC, INC. IN THE AMOUNT OF $1,357,226.50 IN CONNECTION WITH THE 2017 CIPP & PIPEBURST CONSTRUCTION CONTRACT; APPROVING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED $1,357,226.50 FROM THE SYSTEM’S PROJECT FUND FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A CONSTRUCTION CONTRACT WITH CRUZ TEC, INC., AND TO PAY CRUZ TEC, INC. AN AMOUNT NOT TO EXCEED $1,357,226.50 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, this contract will be used to rehabilitate sewer mains in need of repair based on condition assessment; and

WHEREAS, the San Antonio Water System (the “System”) has solicited bids for the project work; and

WHEREAS, Cruz Tec, Inc., a local, MBE-Hispanic firm, is declared the lowest responsible bidder and has submitted the low responsible bid of $1,357,226.50 for the project work; and

WHEREAS, System funds in the amount of $1,357,226.50 are required for the project work; and

WHEREAS, the total amount of $1,357,226.50 is available from the System’s Project Fund for the project work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a construction contract to Cruz Tec, Inc. in the amount of $1,357,226.50 in connection with the 2017 CIPP & Pipeburst Construction Contract, (ii) to approve the expenditure of funds and make available an amount not to exceed $1,357,226.50 from the System’s Project Fund, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a construction contract with Cruz Tec, Inc., and to pay Cruz Tec, Inc. an amount not to exceed $1,357,226.50 for the project work; now, therefore:
BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That a construction contract in the amount of $1,357,226.50 is hereby awarded to Cruz Tec, Inc. in connection with the 2017 CIPP & Pipeburst Construction Contract.

2. That the expenditure of funds in an amount not to exceed $1,357,226.50 for the project work is hereby approved and made available from the System’s Project Fund.

3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a construction contract with Cruz Tec, Inc., and to pay Cruz Tec, Inc. an amount not to exceed $1,357,226.50 in connection with the 2017 CIPP & Pipeburst Construction Contract.

4. It is officially found, determined, and declared that the meeting at which this resolution is adopted was open to the public, and that the public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

__________________________________________
Berto Guerra, Jr., Chairman

ATTEST:

__________________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Gail A. Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVAL OF CHANGE ORDER NO. 2 IN CONNECTION WITH THE DR 1091-800 N. LOOP 1604 SEWER MAIN CONTRACT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution approves Change Order No. 2 in the amount of $174,486.75 payable to RCO Construction, LLC in connection with the DR 1091-800 N. Loop 1604 Sewer Main Contract.

- On June 6, 2017, the System’s Board of Trustees, by Resolution No. 17-122 authorized a construction contract with RCO Construction, LLC (the “Contractor”) in the total amount of $697,947.00 for the project work in connection with the DR 1091-800 N. Loop 1604 Sewer Main Contract.

- The DR 1091-800 N. Loop 1604 Sewer Main Contract involves construction within the Edwards Aquifer Recharge Zone (EARZ) via open cut, and jack and bore construction methods for approximately 572 feet of pipes ranging from 8-inch to 24-inch in diameter, associated manhole replacement and rehabilitation.

- During construction, it was determined that an existing 12-inch transmission CPS gas pipeline and a 4-inch service gas pipeline near proposed Manhole B1 and Manhole A4 were closer to the proposed sewer main than shown on the plans.

- Due to safety concerns, the proposed sewer pipeline alignment was modified to move farther away from the gas pipelines. This change requires special trench shoring to be installed for an excavation depth of approximately 25 feet.

- Change Order No. 1 established line items of demobilization and remobilization and required no additional funds.

- Change Order No. 2, in a total amount not to exceed $174,486.75, provides for the costs associated with the special shoring and associated efforts.

Staff recommends that the Board approve this resolution.
FINANCIAL IMPACT:

The Project Fund will finance this additional expenditure included in the CY 2018 Capital Improvement Program. This project is included in the Wastewater Core Business budget line item. The amount is $174,486.75 for Change Order No. 2 and funds will be transferred from the 2018 Owner Controlled Construction Changes line item. The job number is 16-5520.

The authorization and contract amounts for this project are as follows:

<table>
<thead>
<tr>
<th>Contract:</th>
<th>Amount Authorized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Contract Amount (Resolution No. 17-122)</td>
<td>$697,947.00</td>
</tr>
<tr>
<td>Change Order No. 1</td>
<td>0.00</td>
</tr>
<tr>
<td>Proposed Change Order No. 2</td>
<td>174,486.75</td>
</tr>
<tr>
<td>Revised Contract Amount</td>
<td>$872,433.75</td>
</tr>
</tbody>
</table>

The revised contract amount for the System’s work as a result of all change orders is $872,433.75, which represents an increase of 25 percent from the original contract amount.

SUPPLEMENTARY COMMENTS:

The original completion date for this contract was October 31, 2017. As a result of the previous change orders and this change order, which adds a total of 372 days, the contract has been extended and the completion date is November 7, 2018.

Gail A. Hamrick-Pigg, P.E.  
Director  
Pipelines

Andrea L.H. Beymer, P.E.  
Vice President  
Engineering and Construction

APPROVED:

Robert R. Puente  
President/Chief Executive Officer

Attachments:
1. Project Area Map  
2. Project Site Map
SAN ANTONIO WATER SYSTEM
PROJECT AREA MAP
ATTACHMENT I

LEGEND
★ PROJECT SITE
EDWARDS RECHARGE ZONE

DR 1091 - 800 N. LOOP 1604 SEWER MAIN
EAST OF SIGMA DRIVE
SANITARY SEWER PLANS (EARZ)
SAN ANTONIO WATER SYSTEM
PROJECT SITE MAP
ATTACHMENT II

DR 1091 - 800 N. LOOP 1604 SEWER MAIN
EAST OF SIGMA DRIVE
SANITARY SEWER PLANS (EARZ)

LEGEND
- PROJECT LIMITS
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING CHANGE ORDER NO. 2 IN THE AMOUNT OF $174,486.75 FOR THE ADDITIONAL PROJECT WORK IN CONNECTION WITH DR 1091 - 800 N. LOOP 1604 SEWER MAIN CONTRACT; AMENDING RESOLUTION NO. 17-122 BY APPROVING AN ADDITIONAL AMOUNT NOT TO EXCEED $174,486.75 BE MADE AVAILABLE AND EXPENDED FROM THE SYSTEM’S PROJECT FUND FOR THE ADDITIONAL PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE CHANGE ORDER NO. 2, AND TO PAY RCO CONSTRUCTION, LLC AN ADDITIONAL AMOUNT NOT TO EXCEED $174,486.75 FOR ADDITIONAL PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, on June 6, 2017, the Board of Trustees, by Resolution No. 17-122, authorized a construction contract with RCO Construction, LLC in the amount of $697,947.00 in connection with the project work; and

WHEREAS, DR 1091 - 800 N. Loop 1604 Sewer Main Contract (the “Project”) was identified by the Operations Department as in very poor condition including areas within the Edwards Aquifer Recharge Zone (EARZ). These sewer mains will be replaced using the open cut, and jack and boring methods.

WHEREAS, additional System funds in an amount not to exceed $174,486.75 are required in connection with the project work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve Change Order No. 2 in an amount not to exceed $174,486.75 payable to RCO Construction, LLC in connection with the DR 1091 - 800 N. Loop 1604 Sewer Main Contract, (ii) to amend Resolution No. 17-122 by approving an additional amount not to exceed $174,486.75 be made available and expended from the System’s Project Fund for the additional project work, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute Change Order No. 2 and to pay an additional amount not to exceed $174,486.75 to RCO Construction, LLC for additional project work; now, therefore:
BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That Change Order No. 2 in an amount not to exceed $174,486.75 payable to RCO Construction, LLC in connection with the DR 1091 - 800 N. Loop 1604 Sewer Main Contract is hereby approved.

2. That Resolution No. 17-122 is hereby amended by authorizing an additional amount not to exceed $174,486.75 payable to RCO Construction, LLC in connection with the DR 1091 - 800 N. Loop 1604 Sewer Main Contract.

3. That an additional amount not to exceed $174,486.75 is hereby made available and is to be expended from the System’s Project Fund.

4. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute Change Order No. 2, and to pay RCO Construction, LLC an additional amount not to exceed $174,486.75 for additional project work in connection with the DR 1091 - 800 N. Loop 1604 Sewer Main Contract.

5. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

6. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid, or ineffective.

7. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

____________________________
Berto Guerra, Jr., Chairman

ATTEST:

____________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Gail A. Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVAL OF ADDITIONAL SERVICES AND FUNDS FOR PROFESSIONAL SERVICES IN CONNECTION WITH THE 2018 SMALL AND LARGE DIAMETER CONDITION, CAPACITY, AND GOVERNMENTAL CONTRACTS

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution amends Resolution No. 18-106 by authorizing additional services and funds to an existing professional services contract with CAS Consulting and Services, Inc., a local, MBE-Asian firm, in an amount not to exceed $305,100.14 for additional engineering design services in connection with the 2018 Small and Large Diameter Condition, Capacity, and Governmental Contracts for services needed for the W-6 Western Watershed Relief Line - Upper Segment Project (the “Project”).

- The contract that is the subject of the attached resolution will, if approved, authorize work that is required by the Consent Decree between the San Antonio Water System (the “System”), the United States of America, and the State of Texas that was lodged in the United States District Court for the Western District of Texas on July 23, 2013.

- This project was identified in the Comprehensive Wastewater Master Plan developed by the System’s Master Planning Division. The project will replace sewer pipe that requires additional capacity.

- The Project consists of approximately 29,000 feet of 90-inch wastewater pipeline running from a point near the intersection of Old Pearsall Road and Military Drive and continuing northwest along Military Drive to the intersection of Military Drive and US Highway 90 then proceeding east along US Highway 90 to a point in the vicinity of the intersection of South Callaghan Road and US Highway 90.

- Previous W-6 Western Watershed Relief Line – Upper Segment Project alignments involved traversing Lackland or Port San Antonio in closer proximity to the existing sewer pipeline. However, those alignments encountered environmental issues and presented significant liability concerns to the System that made the project unfeasible. The alignment under investigation will mitigate environmental issues and liability concerns, thus enabling the System to move forward with this critical project and efforts to meet its obligations.
under the EPA Consent Decree.

• By Resolution No. 18-106, passed and approved on May 1, 2018, the System’s Board of Trustees approved a professional services contract in the amount of $600,000.00 with CAS Consulting and Services, Inc. in connection with the 2018 Small and Large Diameter Condition, Capacity, and Governmental Contracts.

• Professional services including project management, engineering analysis, engineering design, and field investigations will be provided. The purpose of this work is to evaluate the Military Drive alignment to verify its feasibility, gather necessary additional field data, and then develop 30 percent design. To accomplish this, professional engineering basic services are required in the amount of $828,565.14. Additionally, supplemental services are required for subsurface utility engineering (SUE) and environmental investigation (Phase II ESA) in the amount of $76,535.00. Total funds requested are $905,100.14. This total exceeds the $600,000.00 currently available in the 2018 Small Diameter and Large Diameter Condition, Capacity, and Governmental Contract with CAS Consulting and Services, Inc. This resolution therefore requests additional funds be added to the current contract with CAS Consulting and Services, Inc. in the amount of $305,100.14.

• CAS Consulting and Services, Inc. submitted a proposal in the amount of $905,100.14 to perform the engineering services.

• Additional funding in the amount of $305,100.14 is available from the System Project Fund and can be added to the current contract with CAS Consulting and Services, Inc.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The work is included in the Wastewater Core Business, Main Replacement – sewer budget line item. The amount is $305,100.14 for wastewater related engineering services. The job number is 18-4510. The revised authorization for this contract is as follows:

<table>
<thead>
<tr>
<th></th>
<th>Amount Authorized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Contract Amount</td>
<td>$600,000.00</td>
</tr>
<tr>
<td>Proposed Additional Funds</td>
<td>$305,100.14</td>
</tr>
<tr>
<td>Revised Contract Amount</td>
<td>$905,100.14</td>
</tr>
</tbody>
</table>

As a result of the additional funds, the new contract amount is $905,100.14. This represents a 50.9 percent increase in the System’s original contract amount.
Approval of Additional Services and Funds

2018 Small and Large Diameter Condition, Capacity, and Governmental Contracts

Gail A. Hamrick-Pigg, P.E.
Director
Pipelines

Vice President
Engineering and Construction

Robert R. Puente
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM'S BOARD OF TRUSTEES APPROVING ADDITIONAL SERVICES AND EXPENDITURES TO THE EXISTING PROFESSIONAL SERVICES CONTRACT WITH CAS CONSULTING AND SERVICES, INC. IN AN AMOUNT NOT TO EXCEED $305,100.14 FOR A TOTAL AUTHORIZATION AMOUNT NOT TO EXCEED $905,100.14 FROM THE SYSTEM'S PROJECT FUND IN CONNECTION WITH THE 2018 SMALL AND LARGE DIAMETER CONDITION, CAPACITY, AND GOVERNMENTAL CONTRACTS FOR SERVICES NEEDED FOR THE W-6 WESTERN WATERSHED RELIEF LINE - UPPER SEGMENT PROJECT; APPROVING THAT AN AMOUNT NOT TO EXCEED $305,100.14 BE MADE AVAILABLE AND EXPENDED FROM THE SYSTEM'S PROJECT FUND FOR THE ADDITIONAL ENGINEERING SERVICES; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE AN AMENDMENT TO THE EXISTING PROFESSIONAL SERVICES CONTRACT WITH CAS CONSULTING AND SERVICES, INC. AND TO PAY CAS CONSULTING AND SERVICES, INC. AN ADDITIONAL AMOUNT NOT TO EXCEED $305,100.14 FOR ADDITIONAL ENGINEERING SERVICES; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the 2018 Small and Large Diameter Condition, Capacity, and Governmental Contracts were identified in the Comprehensive Wastewater Master Plan developed by the San Antonio Water System’s (the “System”) Master Planning Division to replace mains that require rehabilitation or additional capacity; and

WHEREAS, the System’s Board of Trustees by Resolution No. 18-106, adopted May 1, 2018, awarded an engineering services contract to CAS Consulting and Services, Inc. and authorized the expenditure of $600,000.00 for engineering design services; and

WHEREAS, additional engineering design services are required to complete the design and construction of the Project; and

WHEREAS, additional funding to the existing professional services contract with CAS Consulting and Services, Inc. in an amount not to exceed $305,100.14 is required for
additional engineering services; and

WHEREAS, an amount not to exceed $305,100.14 is available from the System’s Project Fund for the additional engineering services; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve additional services and funds to the existing professional services contract with CAS Consulting and Services, Inc. in an amount not to exceed $305,100.14, for a total authorization not to exceed $905,100.14 in connection with the 2018 Small and Large Diameter Condition, Capacity, and Governmental Contracts for services needed for the W-6 Western Watershed Relief Line - Upper Segment Project, (ii) to make available an amount not to exceed $305,100.14 from the System’s Project Fund for the additional engineering services, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute an amendment to the professional services contract with CAS Consulting and Services, Inc., and to pay CAS Consulting and Services, Inc. an amount not to exceed $305,100.14 for the additional engineering services; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That Resolution No. 18-106 is hereby amended for additional engineering services to the existing professional services contract with CAS Consulting and Services, Inc. in an amount not to exceed $305,100.14, to an amended total authorization of $905,100.14 in connection with the 2018 Small and Large Diameter Condition, Capacity, and Governmental Contracts for services needed for the W-6 Western Watershed Relief Line - Upper Segment Project.

2. That an amount not to exceed $305,100.14 is hereby made available and is to be expended from the System’s Project Fund for additional engineering services related to the project work.

3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute an amendment to the professional services contract with CAS Consulting and Services, Inc., and to pay CAS Consulting and Services, Inc. an amount not to exceed $305,100.14 for the additional engineering services.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid, or ineffective.
6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10\textsuperscript{th} day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Alissa R. Lockett, P.E., Director, Vista Ridge Integration, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: AWARD OF A PURCHASING CONTRACT FOR EARLY PROCUREMENT OF A PRESSURE FILTRATION SYSTEM IN CONNECTION WITH THE CENTRAL WATER INTEGRATION PIPELINE PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution awards a purchasing contract to U.S. Water Services, Inc. in an amount not to exceed $135,409.95 for early procurement of a pressure filtration system in connection with the Central Water Integration Pipeline Project.

- The San Antonio Water System (the “System”) entered into a Water Transmission and Purchase Agreement on November 4, 2014 with Vista Ridge, LLC to provide and deliver an alternate water supply to the System through the Vista Ridge Regional Supply Project (VRRSP). The Central Water Integration Pipeline Project (the “Project”) will deliver water from the VRRSP to integration points within the System’s distribution system.

- The Project consists of approximately 15 miles of new and existing transmission main beginning at the Vista Ridge terminus site in north Bexar County to the Basin Pump Station with intermediate drop-off points at Bitters and Maltsberger Pump Stations.

- To expedite the construction schedule for the Vista Ridge terminus water treatment plant, equipment packages with long lead times for manufacture and delivery are being procured early to allow engineering review of submittals to begin prior to award of the construction contract.

- U.S. Water Services, Inc. submitted the lowest, responsible bid of $135,409.95, and the general contractor for the Vista Ridge terminus water treatment plant will be responsible for authorizing release for manufacture, coordinating delivery, installation, and start-up.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2017 Capital Improvement Program in the Water Delivery Core Business, Central Water Integration Pipeline (CWIP) project.
Award of Purchasing Contract for Early Procurement of Pressure Filtration System – Central Water Integration Pipeline Project

budget line. The purchasing contract is for an amount not to exceed $135,409.95 under job number 18-8616 for the CWIP Terminus Treatment Facility.

SUPPLEMENTARY COMMENTS:

This purchasing contract is limited to the bid amount for Item No. 2 – Submittal Preparation. The bid amount for Item No. 1 – Pressure Filter System will be included as an allowance in the construction contract for the Vista Ridge terminus water treatment plant. This early procurement contract includes a Security Bond that requires the supplier to hold their price for the equipment until award of the construction contract.

Alissa R. Lockett, P.E.
Director
Vista Ridge Integration

Andrea L.H. Beymer, P.E.
Vice President
Engineering and Construction

Robert R. Puente
President/Chief Executive Officer

Attachment:
1. Bid Tab
# ATTACHMENT 1

## BID TAB

**SAN ANTONIO WATER SYSTEM**

P. O. BOX 2440  
SAN ANTONIO, TEXAS 78206-2440  

**TABULATION OF BIDS**

** Purpose:** Purchase of Pressure Filter System for the Central Water Integration Pipeline Project

** Time:** 3:00 p.m., June 27, 2018

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION AND APPROXIMATE QUANTITY</th>
<th>U.S. Water Services, Inc.</th>
<th>Westech Engineering, Inc.</th>
<th>Lowest Division of WRT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>12270 4th St. NE St. Michael, MN 55376</td>
<td>500 S. West Temple Salt Lake, UT 84115</td>
<td>2825 Franklin Canyon Rd, CA 90722</td>
</tr>
<tr>
<td>1</td>
<td>1 LS Pressure Filter System ^</td>
<td>UNIT PRICE TOTAL 2,708,199.00</td>
<td>2,797,000.00</td>
<td>3,838,000.00</td>
</tr>
<tr>
<td></td>
<td>TOTAL COST ASIGNED TO GENERAL CONTRACTOR</td>
<td>TOTAL 2,708,199.00</td>
<td>2,797,000.00</td>
<td>3,838,000.00</td>
</tr>
<tr>
<td>2</td>
<td>Submittal Preparation Cost (5% of the cost for Line Item No. 1) ^</td>
<td>UNIT PRICE TOTAL 135,400.95</td>
<td>110,850.00</td>
<td>191,000.00</td>
</tr>
<tr>
<td></td>
<td>TOTAL COST PAID BY SAWS</td>
<td>TOTAL 135,400.95</td>
<td>110,850.00</td>
<td>191,000.00</td>
</tr>
<tr>
<td></td>
<td>ITEM 1 &amp; 2 TOTAL COST</td>
<td>TOTAL 2,843,608.95</td>
<td>2,907,850.00</td>
<td>4,029,000.00</td>
</tr>
</tbody>
</table>

**Terms:**

- Net 30 days
- Net 30 days
- Net 30 days

**Delivery Days:**

- May 1, 2019 to July 31, 2019
- May 1, 2019 to July 31, 2019
- May 1, 2019 to July 31, 2019

*BID INVITATIONS E-MAILED TO AND OR PICKED UP BY:

- Demandstar
- SAWS Website
- Lowest Division of WRT
- Newman Regency Group
- US Water Services, Inc.
- Westech Engineering, Inc.
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A PURCHASING CONTRACT TO U.S. WATER SERVICES, INC. IN THE AMOUNT OF $135,409.95 FOR EARLY PROCUREMENT OF A PRESSURE FILTRATION SYSTEM IN CONNECTION WITH THE CENTRAL WATER INTEGRATION PIPELINE PROJECT; APPROVING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED $135,409.95 FROM THE SYSTEM’S PROJECT FUND; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A PURCHASING CONTRACT WITH U.S. WATER SERVICES, INC., AND TO PAY U.S. WATER SERVICES, INC. AN AMOUNT NOT TO EXCEED $135,409.95 FOR EARLY PROCUREMENT OF A PRESSURE FILTRATION SYSTEM; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Central Water Integration Pipeline Project will deliver water from the Vista Ridge Regional Supply Project to integration points within the distribution system and consists of approximately 15 miles of new and existing transmission main beginning at the Vista Ridge terminus site in north Bexar County to the Basin Pump Station with intermediate drop-off points at Bitters and Maltzberger Pump Stations; and

WHEREAS, to expedite the construction schedule for the Vista Ridge terminus water treatment plant, equipment packages with long lead times for manufacture and delivery are being procured early to allow engineering review of submittals to begin prior to award of the construction contract; and

WHEREAS, U.S. Water Services, Inc. submitted the lowest, responsible bid of $135,409.95 for the early procurement of a pressure filtration system; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a purchasing contract to U.S. Water Services, Inc. in the amount of $135,409.95 for early procurement of a pressure filtration system in connection with the Central Water Integration Pipeline Project, (ii) to approve the expenditure of funds and make available an amount not to exceed $135,409.95 from the System’s Project Fund, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a contract with U.S. Water Services, Inc. and to pay U.S. Water Services, Inc. an amount not to exceed $135,409.95 for the pre-purchase of a pressure filtration system; now, therefore:
BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That a purchasing contract in the amount of $135,409.95 is hereby awarded to U.S. Water Services, Inc. for early procurement of a pressure filtration system in connection with the Central Water Integration Pipeline Project.

2. That the expenditure of funds in an amount not to exceed $135,409.95 is hereby approved and made available from the System’s Project Fund.

3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a purchasing contract with U.S. Water Services, Inc. and to pay U.S. Water Services, Inc. an amount not to exceed $135,409.95 for early procurement of a pressure filtration system in connection with the Central Water Integration Pipeline Project.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_______________________________
Berto Guerra, Jr., Chairman

ATTEST:

_______________________________
Amy Hardberger, Secretary
AGENDA ITEM NO. 11

TO: San Antonio Water System Board of Trustees

FROM: Michael L. Myers, P.E., Director, Plants and Major Projects, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVAL OF ADDITIONAL SERVICES AND FUNDS FOR PROFESSIONAL SERVICES IN CONNECTION WITH THE TREATMENT FACILITIES ENGINEERING WORK ORDER CONTRACT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution amends Resolution No. 18-005 by authorizing additional services and funds to an existing professional services contract with Arcadis U.S., Inc., a local, non-SMWVB firm, in an amount not to exceed $500,000.00 for professional engineering services in connection with the Treatment Facilities Engineering Work Order Contract.

- The San Antonio Water System (the “System”) routinely hires engineering consultants to design most Capital Improvement Program (CIP) projects for water production and transmission, heating and cooling, building, recycle, and wastewater collection and treatment facilities through the Request for Qualifications process; however, assistance is required to meet unspecified CIP projects that are identified as urgent or projects with limited/relatively small scope of services.

- The use of design engineering work order contracts allows these projects to be assigned as soon as they are identified. This practice ensures that the System is able to meet the requested expedited design schedules.

- Projects are assigned to the contract on a work order basis as they are identified. The scope of services and fees are negotiated for each project prior to authorization to proceed.

- By Resolution No. 18-005, passed and approved on January 9, 2018, the System’s Board of Trustees approved a professional services contract in the amount of $700,000.00 with Arcadis U.S., Inc. in connection with the Treatment Facilities Engineering Work Order Contract.

- Additional engineering design services are required to complete the work that exceed the current capacity of the existing contract. This work is associated with the improvements to the tertiary filters and replacement of the ultraviolet disinfection system at the Medio Creek Water Recycling Center (WRC).
Approval of Additional Services and Funds
Treatment Facilities Engineering Work Order Contract

- Additional funding in the amount of $500,000.00 is available from the System's Project Fund, and can be added to the current contract with Arcadis U.S., Inc.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2017 Capital Improvement Program. The work is included in the Wastewater Core Business, Treatment Facilities Engineering Work Order Contract budget line item. The amount is $500,000.00 for the additional wastewater engineering work. The job number is 18-6502.

The revised authorization for this project is as follows:

<table>
<thead>
<tr>
<th></th>
<th>Amount Authorized</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Contract Amount (Resolution No. 18-005)</td>
<td>$700,000.00</td>
</tr>
<tr>
<td>Proposed Additional Funds</td>
<td>$500,000.00</td>
</tr>
<tr>
<td>Revised Contract Amount</td>
<td>$1,200,000.00</td>
</tr>
</tbody>
</table>

As a result of the additional funds, the new contract amount is $1,200,000.00. This represents an increase of 71.43 percent to the System's original contract amount.

Michael L. Myers, P.E.
Director
Plants and Major Projects

Robert R. Puente
President/Chief Executive Officer

Andrea L.H. Beymer, P.E.
Vice President
Engineering and Construction

APPROVED:
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING ADDITIONAL SERVICES AND EXPENDITURES TO THE EXISTING PROFESSIONAL SERVICES CONTRACT WITH ARCADIS U.S., INC. IN AN AMOUNT NOT TO EXCEED $500,000.00 FROM THE SYSTEM'S PROJECT FUND IN CONNECTION WITH THE TREATMENT FACILITIES ENGINEERING WORK ORDER CONTRACT; APPROVING THAT AN AMOUNT NOT TO EXCEED $500,000.00 BE MADE AVAILABLE AND EXPENDED FROM THE SYSTEM'S PROJECT FUND FOR THE ADDITIONAL ENGINEERING SERVICES; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE AN AMENDMENT TO THE EXISTING PROFESSIONAL SERVICES CONTRACT WITH ARCADIS U.S., INC., AND TO PAY ARCADIS U.S., INC. AN ADDITIONAL AMOUNT NOT TO EXCEED $500,000.00 FOR ADDITIONAL ENGINEERING SERVICES; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the San Antonio Water System (the “System”) routinely hires engineering consultants to design most Capital Improvement Program (CIP) projects for water production and transmission, heating and cooling, building, recycle, and wastewater collection and treatment facilities through the Request for Qualifications process; however, assistance is required to meet unspecified CIP projects that are identified as urgent or projects with limited/relatively small scope of services; and

WHEREAS, the System’s Board of Trustees (the “Board”) by Resolution No. 18-005, adopted January 9, 2018, originally approved the expenditure of $700,000.00 for professional services contract with Arcadis U.S., Inc. in connection with the Treatment Facilities Engineering Work Order Contract; and

WHEREAS, additional funding for Arcadis U.S., Inc. is needed for the additional professional engineering services for the improvements to the tertiary filters and replacement of the ultraviolet disinfection system at the Medio Creek Water Recycling Center (WRC); and

WHEREAS, additional funding to the existing professional services contract with Arcadis U.S., Inc. in an amount not to exceed $500,000.00 are required for Arcadis U.S., Inc. to provide additional professional engineering services; and
WHEREAS, the required amount of $500,000.00 is available from the System’s Project Fund for the additional engineering services; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve additional services and expenditures to the existing professional services contract with Arcadis U.S., Inc. in an amount not to exceed $500,000.00, for a total authorization not to exceed $1,200,000.00 in connection with the Treatment Facilities Engineering Work Order Contract, (ii) to make available an amount not to exceed $500,000.00 from the System’s Project Fund for the additional engineering services, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute an amendment to the existing professional services contract with Arcadis U.S., Inc., and to pay Arcadis U.S., Inc. an additional amount not to exceed $500,000.00 for the additional engineering services in connection with the project work; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That Resolution No. 18-005 is hereby amended to provide additional engineering services and expenditures to the existing professional services contract with Arcadis U.S., Inc. in an amount not to exceed $500,000.00 to an amended total authorization of $1,200,000.00 in connection with the Treatment Facilities Engineering Work Order Contract.

2. That an amount not to exceed $500,000.00 is hereby made available and is to be expended from the System’s Project Fund for the additional engineering services related to the project work.

3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute an amendment to the existing professional services contract with Arcadis U.S., Inc., and to pay Arcadis U.S., Inc. an amount not to exceed $500,000.00 for additional engineering services related to the project work.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase, or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.
PASSED AND APPROVED this 10th day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

______________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Gail Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: AUTHORIZATION TO REIMBURSE THE CITY OF SAN ANTONIO IN CONNECTION WITH THE 2017 BOND PROGRAM – PEDESTRIAN MOBILITY & STREETS TASK ORDER CONTRACT PACKAGE 5

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to reimburse the City of San Antonio (the “City”) in an amount not to exceed $167,400.00 for the joint construction of water and sewer facility adjustments in connection with the 2017 Bond Program – Pedestrian Mobility & Streets Task Order Contract Package 5.

- The City plans to apply this contract citywide to improve sidewalks, curbs, driveway approaches and other items required due to site conditions to accomplish the project in connection with the 2017 Bond Program – Pedestrian Mobility & Streets Task Order Contract Package 5 for Transportation and Capital Improvements. The City’s work is estimated to cost $2,256,948.00.

- Existing water valve box covers, water meter boxes, fire hydrants, manhole covers, sewer cleanouts and other impacted appurtenances within the project boundaries may require adjustment to match the final grade of the new pavement.

- Bid item quantities for the adjustments were included in the City’s bid documents. Funds for this work will be reimbursed to the City as payments to the contractor are made.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental – Water Category, and Governmental Water Replacements budget line item. The amount is $92,400.00 for water work. The job number is 18-5028.

The wastewater work is included in the Wastewater Core Business, Governmental Wastewater
Category, and Governmental Wastewater Replacements budget line item. The amount is $75,000.00 for sewer work. The job number is 18-5524.

**SUPPLEMENTARY COMMENTS:**

The City received ten bids for this project on March 20, 2018. The lowest qualified, responsive bidder for this project is Pinnacle Concrete Construction, LLC, a local, MBE-Hispanic contractor. City Council approved the construction contract on May 17, 2018 and construction is expected to begin July 2018. Time allowed for total construction is 540 calendar days. The request for reimbursement is requested after City Council approved the award of the construction contract to ensure that the contract is awarded, to determine which contractor was awarded the project, to give the System’s staff time to review the bids and establish the reimbursement amount based on the awarded bid.

**APPROVED:**

Gail Hamrick-Pigg, P.E.  
Director  
 Pipelines

Andrea L.H. Beymer, P.E.  
Vice President  
Engineering and Construction

Robert R. Puente  
President/Chief Executive Officer
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING THE EXPENDITURE OF FUNDS IN THE AMOUNT OF $167,400.00 FOR THE ADJUSTMENT OF WATER AND SEWER FACILITIES BY THE CITY OF SAN ANTONIO IN CONNECTION WITH THE 2017 BOND PROGRAM – PEDESTRIAN MOBILITY & STREETS TASK ORDER CONTRACT PACKAGE 5; APPROVING AN AMOUNT NOT TO EXCEED $167,400.00 BE MADE AVAILABLE AND EXPENDED FROM THE SYSTEM’S PROJECT FUND FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO PAY THE CITY OF SAN ANTONIO AN AMOUNT NOT TO EXCEED $167,400.00 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the City of San Antonio (the “City”) will construct street improvements in connection with the 2017 Bond Program – Pedestrian Mobility & Streets Task Order Contract Package 5; and

WHEREAS, the 2017 Bond Program – Pedestrian Mobility & Streets Task Order Contract Package 5 will require the adjustment of certain water and sewer facilities of the San Antonio Water System (the “System”); and

WHEREAS, the City has received a bid for the project work from Pinnacle Concrete Construction, LLC in an amount not to exceed $167,400.00 and this bidder has been determined to be the lowest responsible bidder; and

WHEREAS, System funds in an amount not to exceed $167,400.00 are required for the project work; and

WHEREAS, the total amount of $167,400.00 is available from the System’s Project Fund for the project work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve the expenditure of funds in an amount not to exceed $167,400.00 for the adjustment of water and sewer facilities by the City of San Antonio in connection with the 2017 Bond Program – Pedestrian Mobility & Streets Task Order Contract Package 5, (ii) to approve and make available an amount not to exceed $167,400.00 from the System’s Project Fund to reimburse the City of San Antonio for the project work, and (iii) to authorize the President/Chief Executive Officer or his
duly appointed designee to pay an amount not to exceed $167,400.00 to the City of San Antonio for the project work; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That the expenditure of funds in an amount not to exceed $167,400.00 for the adjustment of water and sewer facilities by the City in connection with the 2017 Bond Program – Pedestrian Mobility & Streets Task Order Contract Package 5 is hereby approved.

2. That an amount not to exceed $167,400.00 to reimburse the City for the project work costs is hereby made available and is to be expended from the System's Project Fund.

3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to pay the City an amount not to exceed $167,400.00 for the adjustment of water and sewer facilities by the City in connection with the 2017 Bond Program – Pedestrian Mobility & Streets Task Order Contract Package 5.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase, or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffectual, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Gail A. Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVING AN ADVANCE FUNDING AGREEMENT AND AUTHORIZING EXPENDITURES TO THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE LOOP 368 AT NORTH NEW BRAUNFELS PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to execute an Advance Funding Agreement with the Texas Department of Transportation (TxDOT) and authorizes expenditures to TxDOT in an amount not to exceed $174,836.92 for the joint construction of water and sewer facility adjustments and replacements in connection with the Loop 368 at North New Braunfels Project.

- TxDOT intends to remove Old Rittiman Road and add a right-turn lane to transition from westbound to northbound on the Loop 368 at North New Braunfels Project in the area illustrated on the attached maps. The roadway cost estimate is $1,137,592.00 for the TxDOT work.

- Due to the proposed TxDOT’s improvements of the Loop 368 at North New Braunfels Project, the existing water mains within the project limits, constructed in 1941, require replacement to meet current San Antonio Water System (the “System”) standards.

- The existing sewer mains within the project limits, constructed between 1957 and 1985, require adjustment to avoid conflicts with proposed TxDOT improvements.

- The water replacement work will consist of approximately 72 feet of 8-inch through 10-inch water main.

- The sewer adjustment work will consist of approximately 215 feet of 18-inch sanitary sewer main.

- Funds authorized for this project will be transferred to TxDOT following the San Antonio Water System’s Board of Trustees approval and execution of the Advance Funding Agreement in an amount not to exceed $174,836.92.
Approval of an Advance Funding Agreement and Expenditure of Funds to the Texas Department of Transportation for the Loop 368 at North New Braunfels Project

- The bid opening is scheduled for August 2018.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental - Water Category, and Governmental Water Replacements budget line item. The amount is $41,980.29 for water work. The job number is 17-5145.

The sewer work is included in the Wastewater Core Business, Governmental - Wastewater Category, and Governmental Wastewater Replacements budget line item. The amount is $132,856.63 for sewer work. The job number is 17-5626.

Gail A. Hamrick-Pigg, P.E.  
Director  
 Pipelines  

Andrea L.H. Beymer, P.E.  
Vice President  
Engineering and Construction

Robert R. Puente  
President/Chief Executive Officer

Attachments:  
1. Project Area Map  
2. Project Site Map
LOOP 368 AT NORTH NEW BRAUNFELS

LEGEND

- PROJECT LIMITS
RESOLUTION NO.
OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING AN ADVANCE FUNDING AGREEMENT WITH THE TEXAS DEPARTMENT OF TRANSPORTATION AND AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE THE ADVANCE FUNDING AGREEMENT FOR THE ADJUSTMENT AND REPLACEMENT OF WATER AND SEWER FACILITIES BY THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE LOOP 368 AT NORTH NEW BRAUNFELS PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED $174,836.92 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, the Texas Department of Transportation (TxDOT) intends to remove Old Rittiman Road and add a right-turn lane to transition from westbound to northbound on the Loop 368 at North New Braunfels Project; and

WHEREAS, the Loop 368 at North New Braunfels Project will require the adjustment and replacement of certain water and sewer facilities (the “project work”) of the San Antonio Water System (the “System”); and

WHEREAS, TxDOT has requested that the System execute an Advance Funding Agreement and advance funds for the project work costs; and

WHEREAS, System funds in an amount not to exceed $174,836.92 are required for the project work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve an Advance Funding Agreement with TxDOT for the adjustment and replacement of water and sewer facilities in connection with the Loop 368 at North New Braunfels Project and to authorize the President/Chief Executive Officer or his duly appointed designee to execute the Advance Funding Agreement; and (ii) to authorize the expenditure of funds in an amount not to exceed $174,836.92 for the project work; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

...
1. That an Advance Funding Agreement with TxDOT is hereby approved and the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute the Advance Funding Agreement with TxDOT in connection with the Loop 368 at North New Braunfels Project.

2. That the expenditure of funds in an amount not to exceed $174,836.92 for the adjustment and replacement of water and sewer facilities by TxDOT in connection with the Loop 368 at North New Braunfels Project is hereby authorized.

3. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid, or ineffective.

5. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Gail A. Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVING AN ADVANCE FUNDING AGREEMENT AND AUTHORIZING EXPENDITURES FOR THE REMOVAL OF ASBESTOS PIPE TO THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE LOOP 368 AT NORTH NEW BRAUNFELS PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to execute an advance funding agreement with the Texas Department of Transportation (TxDOT) and authorizes expenditures to TxDOT in the amount not to exceed $11,447.68, for the removal, handling and disposal of the San Antonio Water System’s (the “System”) abandoned asbestos cement pipe in connection with the Loop 368 at North New Braunfels Project.

- TxDOT intends to construct the Loop 368 at North New Braunfels Project as illustrated on the attached maps.

- The System’s joint bid work includes the adjustment of an existing water main. The water work requires that portions of the existing water main that are composed of asbestos cement materials be abandoned in place. This pipe can be managed in place if it is not in conflict with proposed construction. However, if it must be removed, special handling and disposal procedures are required.

- TxDOT revised its policy for the handling of certain materials on construction projects for joint bid utilities. The new policy requires all utilities to obtain a separate environmental contractor to remove, handle and dispose of the certain materials within TxDOT’s right-of-way.

- In order not to delay the current projected construction schedule, TxDOT has obtained the services of SWS Environmental Services to remove, handle and dispose of approximately 104 feet of asbestos cement pipe. The System agreed to provide advance funding to cover the costs of this additional work.

- The water work will consist of the removal, handling and disposal of approximately 104 feet of abandoned asbestos cement water main.
Approval of an Advance Funding Agreement and Authorize the Expenditure of Funds to the Texas Department of Transportation Loop 368 at North New Braunfels Project

- TxDOT requires that an Advance Funding Agreement be executed for the removal of asbestos cement pipe. Funds authorized for this project will be transferred to TxDOT following Board approval and execution of the Advance Funding Agreement.

- TxDOT received a proposal on June 14, 2018, from SWS Environmental Services.

Staff recommends that the Board approve this resolution.

**FINANCIAL IMPACT:**

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental – Water Category, and Governmental Water Replacements budget line item. The amount is $11,447.68 for water work. The job number is 17-5145.

**APPROVED:**

Gail A. Hamrick-Pigg, P.E.  
Director  
 Pipelines

Andrea L.H. Beymer, P.E.  
Vice President  
Engineering and Construction

Robert R. Puente  
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
LOOP 368 AT NORTH NEW BRAUNFELS

LEGEND

★ PROJECT SITE

EDWARDS AQUIFER RECHARGE ZONE
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING AN ADVANCE FUNDING AGREEMENT WITH THE TEXAS DEPARTMENT OF TRANSPORTATION AND AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE THE ADVANCE FUNDING AGREEMENT FOR THE REMOVAL, HANDLING AND DISPOSAL OF ABANDONED ASBESTOS CEMENT PIPE BY THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE LOOP 368 AT NORTH NEW BRAUNFELS PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED $11,447.68 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Texas Department of Transportation (TxDOT) proposes to construct the Loop 368 at North New Braunfels Project; and

WHEREAS, the Loop 368 at North New Braunfels Project will require the removal, handling and disposal of abandoned asbestos cement pipe of the San Antonio Water System (the “System”); and

WHEREAS, it is anticipated that during construction, approximately 104 feet of abandoned asbestos cement pipe will need to be removed due to conflicts with TxDOT’s construction work (the “project work”); and

WHEREAS, the removal, handling and disposal of asbestos cement pipe requires a qualified environmental contractor to perform the project work; and

WHEREAS, TxDOT has obtained the services of SWS Environmental Services; and

WHEREAS, TxDOT has requested that the System execute an Advance Funding Agreement and advance funds for the project work costs; and

WHEREAS, System funds in the amount of $11,447.68 are required for the project work; and
WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve an Advance Funding Agreement with TxDOT for the removal, handling and disposal of abandoned asbestos cement pipe by TxDOT in connection with the Loop 368 at North New Braunfels Project and to authorize the President/Chief Executive Officer or his duly appointed designee to execute the Advance Funding Agreement, and (ii) to authorize the expenditure of System funds in an amount not to exceed $11,447.68 for the project work; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That an Advance Funding Agreement with TxDOT is hereby approved and the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute the Advance Funding Agreement with TxDOT in connection with the Loop 368 at North New Braunfels Project.

2. That the expenditure of funds in an amount not to exceed $11,447.68 for the removal, handling and disposal of abandoned asbestos cement pipe by TxDOT in connection with the Loop 368 at North New Braunfels Project is hereby authorized.

3. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551 Government Code.

4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid, or ineffective.

5. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Gail Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVING AN ADVANCE FUNDING AGREEMENT AND AUTHORIZING EXPENDITURES TO THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE US 87: IH-10 EAST TO RIGSBY ROAD PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to execute an Advance Funding Agreement with the Texas Department of Transportation (TxDOT) and authorizes expenditures to TxDOT in an amount not to exceed $664,637.73 for the joint construction of water and sewer facility replacement in connection with the US 87: IH-10 East to Rigsby Road Project.

- TxDOT intends to reconstruct street and drainage improvements, along the US 87: IH-10 East to Rigsby Road Project in the area illustrated on the attached maps. The TxDOT roadway and drainage cost estimate is $2,806,002.00 for the TxDOT work.

- Due to the proposed TxDOT’s improvements of US 87: IH-10 East to Rigsby Road Project, the existing water mains that were constructed between 1967 through 2005, require replacements to meet current San Antonio Water System (the “System) standards.

- The existing sewer mains that were constructed in 1969 require replacement to meet current System standards.

- The water replacement work will consist of approximately 2,006 feet of 6-inch, 12-inch and 16-inch water main and appurtenances.

- The sewer replacement work will consist of approximately 669 feet of 8-inch sewer main and appurtenances.

- Funds authorized for this project will be transferred to TxDOT following San Antonio Water System’s Board approval and execution of the Advance Funding Agreement in an amount not to exceed $664,637.73.

- The bid opening is scheduled for September 2018.
Approval of an Advance Funding Agreement and Authorize the Expenditure of Funds to the Texas Department of Transportation US 87: IH-10 East to Rigsby Road Project

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental – Water Category, and Governmental Water Replacements budget line item. The amount is $578,071.22 for water work. The job number is 17-5121.

The sewer work is included in the Wastewater Core Business, Governmental – Wastewater Category, and Governmental Water Replacements budget line item. The amount is $86,566.51 for sewer work. The job number is 17-5601.

Gail Hamrick-Pigg, P.E.  Andrea L.H. Beymer, P.E.
Director  Vice President
Pipelines  Engineering and Construction

APPROVED:

Robert R. Puente
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING AN ADVANCE FUNDING AGREEMENT WITH THE TEXAS DEPARTMENT OF TRANSPORTATION AND AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE THE ADVANCE FUNDING AGREEMENT FOR THE REPLACEMENT OF WATER AND SEWER FACILITIES BY THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE US 87: IH-10 EAST TO RIGSBY ROAD PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED $664,637.73 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Texas Department of Transportation (TxDOT) intends to reconstruct of street and drainage improvements on the US 87: IH-10 East to Rigsby Road Project; and

WHEREAS, the US 87: IH-10 East to Rigsby Road Project will require the replacements of certain water and sewer facilities (the “project work”) of the San Antonio Water System (the “System”); and

WHEREAS, TxDOT has requested that the System execute an Advance Funding Agreement and advance funds for the project work costs; and

WHEREAS, System funds in an amount not to exceed $664,637.73 are required for the Project Work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve an Advance Funding Agreement with TxDOT for the replacement of water and sewer facilities in connection with the US 87: IH-10 East to Rigsby Road Project and to authorize the President/Chief Executive Officer or his duly appointed designee to execute the Advance Funding Agreement; and (ii) to authorize the expenditure of funds in an amount not to exceed $664,637.73 for the project work; now, therefore:
BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That an Advance Funding Agreement with TxDOT is hereby approved and the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute the Advance Funding Agreement with TxDOT in connection with the US 87: IH-10 East to Rigsby Road Project.

2. That the expenditure of funds in an amount not to exceed $664,637.73 for the replacement of water and sewer facilities by TxDOT in connection with the US 87: IH-10 East to Rigsby Road Project is hereby authorized.

3. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

5. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_________________________________
Amy Hardberger, Secretary
AGENDA ITEM NO. 16

TO:                  San Antonio Water System Board of Trustees

FROM:               Gail Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH:            Robert R. Puente, President/Chief Executive Officer

SUBJECT:            APPROVING AN ADVANCE FUNDING AGREEMENT AND AUTHORIZING EXPENDITURES FOR THE REMOVAL OF ASBESTOS PIPE TO THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE US 87: IH-10 EAST TO RIGSBY ROAD PROJECT

Board Action Date:  July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to execute an advance funding agreement with the Texas Department of Transportation (TxDOT) and authorizes expenditures to TxDOT in an amount not to exceed $23,086.37, for the removal, handling and disposal of the San Antonio Water System’s (the “System”) abandoned asbestos cement pipe in connection with the US 87: IH-10 East to Rigsby Road Project.

- TxDOT intends to construct the US 87: IH-10 East to Rigsby Road Project as illustrated on the attached maps.

- The System’s joint bid work includes the replacement of water mains. The water work requires that some of the existing water mains that are composed of asbestos cement materials be abandoned in place. This pipe can be managed in place if it is not in conflict with proposed construction. However, if it must be removed, special handling and disposal procedures are required.

- TxDOT revised its policy for the handling of certain materials on construction projects for joint bid utilities. The new policy requires all utilities to obtain a separate environmental contractor to remove, handle and dispose of the certain materials within TxDOT’s right-of-way.

- In order not to delay the current projected construction schedule, TxDOT has obtained the services of SWS Environmental Services to remove, handle and dispose of approximately 195 feet of asbestos cement pipe. The System agreed to provide advance funding to cover the costs of this additional work.

- The water work will consist of the removal, handling and disposal of approximately 195 feet of abandoned asbestos cement water main.
Approval of an Advance Funding Agreement and Authorize the Expenditure of Funds to the Texas Department of Transportation
US 87: IH-10 East to Rigsby Road Project

- TxDOT requires that an Advance Funding Agreement be executed for the removal of asbestos cement pipe. Funds authorized for this project will be transferred to TxDOT following Board approval and execution of the Advance Funding Agreement.

- TxDOT received a proposal on February 20, 2018, from SWS Environmental Services.

Staff recommends that the Board approve this resolution.

**FINANCIAL IMPACT:**

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental – Water Category, and Governmental Water Replacements budget line item. The amount is $23,086.37 for water work. The job number is 17-5121.

Gal Hamrick-Pigg, P.E.
Director
Pipelines

Andrea L.H. Beamer, P.E.
Vice President
Engineering and Construction

Robert R. Puente
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
US 87: IH-10 EAST TO RIGSBY ROAD

LEGEND
- PROJECT LIMITS
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING AN ADVANCE FUNDING AGREEMENT WITH THE TEXAS DEPARTMENT OF TRANSPORTATION AND AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE THE ADVANCE FUNDING AGREEMENT FOR THE REMOVAL, HANDLING AND DISPOSAL OF ABANDONED ASBESTOS CEMENT PIPE BY THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE US 87 (ROLAND AVE.): IH-10 EAST TO RIGSBY ROAD PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED $23,086.37 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Texas Department of Transportation (TxDOT) proposes to construct the US 87: IH-10 East to Rigsby Road Project; and

WHEREAS, the US 87: IH-10 East to Rigsby Road Project will require the removal, handling and disposal of abandoned asbestos cement pipe of the San Antonio Water System (the “System”); and

WHEREAS, it is anticipated that during construction, approximately 195 feet of abandoned asbestos cement pipe will need to be removed due to conflict with TxDOT’s construction work (the “project work”); and

WHEREAS, the removal, handling and disposal of asbestos cement pipe requires a qualified environmental contractor to perform the project work; and

WHEREAS, TxDOT has obtained the services of SWS Environmental Services; and

WHEREAS, TxDOT has requested that the System execute an Advance Funding Agreement and advance funds for the project work costs; and

WHEREAS, System funds in an amount not to exceed $23,086.37 are required for the project work; and
WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve an Advance Funding Agreement with TxDOT for the removal, handling and disposal of abandoned asbestos cement pipe by TxDOT in connection with the US 87: IH-10 East to Rigsby Road Project and to authorize the President/Chief Executive Officer or his duly appointed designee to execute the Advance Funding Agreement, and (ii) to authorize the expenditure of System funds in an amount not to exceed $23,086.37 for the project work; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That an Advance Funding Agreement with TxDOT is hereby approved and the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute the Advance Funding Agreement with TxDOT in connection with the US 87: IH-10 East to Rigsby Road Project.

2. That the expenditure of funds in an amount not to exceed $23,086.37 for the removal, handling and disposal of abandoned asbestos cement pipe by TxDOT in connection with the US 87: IH-10 East to Rigsby Road Project is hereby authorized.

3. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551 Government Code.

4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid, or ineffective.

5. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Gail A. Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVING AN INTERLOCAL AGREEMENT AND ADVANCE FUNDING AGREEMENT AND AUTHORIZING EXPENDITURES TO THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE FM 1560: SH 16 TO LOOP 1604 PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to execute an Advance Funding Agreement with the Texas Department of Transportation (TxDOT) and authorizes expenditures to TxDOT in an amount not to exceed $2,374,484.85 for the joint construction of water and sewer facility adjustments in connection with the FM 1560: SH 16 to Loop 1604 Project. It further approves the execution of an Interlocal Agreement.

- TxDOT intends to expand to a two lane roadway into a four lane roadway with raised medians and bike lanes along the FM 1560: SH 16 to Loop 1604 Project in the area illustrated on the attached maps. The TxDOT roadway and drainage cost estimate is $12,934,566.00 for the TxDOT work.

- Due to these roadway expansion improvements within the FM 1560: SH 16 to Loop 1604 Project, the existing water mains constructed between 1975 through 2017 require adjustments to avoid conflicts with proposed TxDOT improvements.

- The existing sewer facilities within the project limits that were constructed between 1999 through 2009 also required adjustment to avoid conflicts with proposed TxDOT improvements.

- The water adjustment work consists of approximately 4,121 feet of 12-inch through 24-inch water mains.

- The sewer adjustment work consists of approximately 3,292 feet of 8-inch through 15-inch sewer mains.

- It is anticipated that approximately 56.92 percent of the sewer adjustment work will be eligible for reimbursement through the Federal Utility and State Utility Procedures. This percentage of the sewer work is eligible for reimbursement due to relocation from an
existing San Antonio Water System (the “System”) easement. The remaining 43.08 percent of the sewer work and 100 percent of the water work is to be funded by the System.

- TxDOT requires that an Interlocal Agreement be executed for utility adjustments that are eligible for reimbursement by State law. The Interlocal Agreement will authorize TxDOT to reimburse the System for a total amount of $556,725.25. Reimbursement includes $426,709.25 for construction cost, $55,511.00 for consultant service fees, and $74,505.00 for the System’s staff costs for a total amount of $556,725.25. In addition, this agreement will also reimburse the System for easement land rights that TxDOT is purchasing in an estimated amount not to exceed $118,600.00.

- The System work will be performed as part of a joint bid with TxDOT and the $426,709.25 will be paid directly by TxDOT for the construction of the sewer work that is eligible for reimbursement. The System will pay for the engineering and System services for the project and TxDOT will reimburse a portion of the services at the completion of the project in the amount of $130,016.00.

- Funds authorized for this project will be transferred to TxDOT following Board approval and the execution of the Advance Funding Agreement in an amount not to exceed $2,374,484.85.

- In summary, TxDOT requires execution of an Interlocal Agreement for reimbursement of $556,725.25 of the work and execution of an Advance Funding Agreement for the System payment of $2,374,484.85 for the remaining work.

- The bid opening is scheduled for August 2018.

Staff recommends that the Board approve this resolution.

**FINANCIAL IMPACT:**

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental – Water Category, and Governmental Water Replacements budget line item. The amount is $2,036,590.26 for water work. The job number is 14-5011.

The sewer work is included in the Wastewater Core Business, Governmental – Wastewater Category, and Governmental Wastewater Replacements budget line item. The amount is $337,894.59 for sewer work. The job number is 14-5511.
Approval of an Interlocal Agreement and Advance Funding Agreement
And Expenditure of Funds to the Texas Department of Transportation for the
FM 1560: SH 16 to Loop 1604 Project

Gail A. Hamrick-Pigg, P.E.
Director
 Pipelines

APPROVED:

Robert R. Puente
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING AN INTERLOCAL AGREEMENT AND AN ADVANCE FUNDING AGREEMENT WITH THE TEXAS DEPARTMENT OF TRANSPORTATION AND AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE THE INTERLOCAL AGREEMENT AND ADVANCE FUNDING AGREEMENT FOR THE ADJUSTMENT OF WATER AND SEWER FACILITIES BY THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE FM 1560: SH 16 TO LOOP 1604 PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED $2,374,484.85 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Texas Department of Transportation (TxDOT) intends to reconstruct the FM 1560: SH 16 to Loop 1604 Project; and

WHEREAS, the FM 1560: SH 16 to Loop 1604 Project will require the adjustment of certain water and sewer facilities ("the project work") of the San Antonio Water System (the "System"); and

WHEREAS, it is anticipated that 56.92 percent of the project work costs of the sewer adjustment work is eligible for reimbursement through the Federal Utility and State Utility Procedures; and

WHEREAS, reimbursement includes the estimated amounts of $426,709.25 for construction cost, $55,511.00 for consultant service fees, and $74,505.00 for the System’s staff costs for a total amount of $556,725.25; and

WHEREAS, in addition, reimbursement for easement land rights in an estimated amount not to exceed of $118,600.00; and

WHEREAS, TxDOT requested that the System enter into an Interlocal Agreement for the reimbursement by TxDOT of the reimbursable project work costs and execute an Advance Funding Agreement, and for the System to advance funds for the remaining non-reimbursable project work costs; and

WHEREAS, System funds in an amount not to exceed $2,374,484.85 are required under the Advance Funding Agreement for the project work; and
WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve an Interlocal Agreement and an Advance Funding Agreement with TxDOT for the adjustment of water and sewer facilities in connection with the FM 1560: SH 16 to Loop 1604 Project and to authorize the President/Chief Executive Officer or his duly appointed designee to execute the Interlocal Agreement and Advance Funding Agreement, and (ii) to authorize the expenditure of funds in an amount not to exceed $2,374,484.85 for the project work; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That an Interlocal Agreement and Advance Funding Agreement with TxDOT are hereby approved and the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute the Interlocal Agreement and Advance Funding Agreement with TxDOT in connection with the FM 1560: SH 16 to Loop 1604 Project.

2. That the expenditure of funds for the Advance Funding Agreement in an amount not to exceed $2,374,484.85 for the adjustment of water and sewer facilities by TxDOT in connection with the FM 1560: SH 16 to Loop 1604 Project is hereby authorized.

3. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision hereof is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid, or ineffective.

5. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Gail A. Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVING AN ADVANCE FUNDING AGREEMENT AND AUTHORIZING EXPENDITURES FOR THE REMOVAL OF ASBESTOS PIPE TO THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE FM 1560: SH 16 TO LOOP 1604 PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to execute an advance funding agreement with the Texas Department of Transportation (TxDOT) and authorizes expenditures to TxDOT in an amount not to exceed $39,413.49 for the removal, handling and disposal of the San Antonio Water System’s (the “System”) abandoned asbestos cement pipe in connection with the FM 1560: SH 16 to Loop 1604 Project.

- TxDOT intends to construct the FM 1560: SH 16 to Loop 1604 Project as illustrated on the attached maps.

- The System’s joint bid work includes the adjustment of water mains. The water work requires that some of the existing water mains that are composed of asbestos cement materials be abandoned in place. This pipe can be managed in place if it is not in conflict with proposed construction. However, if it must be removed, special handling and disposal procedures are required.

- TxDOT revised its policy for the handling of certain materials on construction projects for joint bid utilities. The new policy requires all utilities to obtain a separate environmental contractor to remove, handle and dispose of the certain materials within TxDOT’s right-of-way.

- In order not to delay the current projected construction schedule, TxDOT has obtained the services of SWS Environmental Services to remove, handle and dispose of approximately 375 feet of asbestos cement pipe. The System agreed to provide advance funding to cover the costs of this additional work.

- The water work will consist of the removal, handling and disposal of approximately 375 feet of abandoned asbestos cement water main.
Approval of an Advance Funding Agreement and Authorize the Expenditure of Funds to the Texas Department of Transportation FM 1560: SH 16 to Loop 1604 Project

- TxDOT requires that an Advance Funding Agreement be executed for the removal of asbestos cement pipe. Funds authorized for this project will be transferred to TxDOT following Board approval and execution of the Advance Funding Agreement.

- TxDOT received a proposal on May 24, 2018, from SWS Environmental Services.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental – Water Category, and Governmental Water Replacements budget line item. The amount is $39,413.49 for water work. The job number is 14-5011.

Gail A. Hamrick-Pigg, P.E.  
Director  
Pipelines

APPROVED:

Robert R. Puente  
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
SAN ANTONIO WATER SYSTEM
PROJECT SITE MAP
ATTACHMENT II

LEGEND

PROJECT LIMITS

Edwards Aquifer Recharge Zone

FM 1560: SH 16 TO LOOP 1604
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING AN ADVANCE FUNDING AGREEMENT WITH THE TEXAS DEPARTMENT OF TRANSPORTATION AND AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE THE ADVANCE FUNDING AGREEMENT FOR THE REMOVAL, HANDLING AND DISPOSAL OF ABANDONED ASBESTOS CEMENT PIPE BY THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE FM 1560: SH 16 TO LOOP 1604 PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED $39,413.49 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Texas Department of Transportation (TxDOT) proposes to construct the FM 1560: SH 16 to Loop 1604 Project; and

WHEREAS, the FM 1560: SH 16 to Loop 1604 Project will require the removal, handling and disposal of abandoned asbestos cement pipe of the San Antonio Water System (the “System”); and

WHEREAS, it is anticipated that during construction, approximately 375 feet of abandoned asbestos cement pipe will need to be removed due to conflict with TxDOT’s construction work (the “project work”); and

WHEREAS, the removal, handling and disposal of asbestos cement pipe requires a qualified environmental contractor to perform the project work; and

WHEREAS, TxDOT has obtained the services of SWS Environmental Services; and

WHEREAS, TxDOT has requested that the System execute an Advance Funding Agreement and advance funds for the project work costs; and

WHEREAS, System funds in an amount not to exceed $39,413.49 are required for the project work; and

WHEREAS, the total amount of $39,413.49 is available from the System’s Project Fund for the project work; and
WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve an Advance Funding Agreement with TxDOT for the removal, handling and disposal of abandoned asbestos cement pipe by TxDOT in connection with the FM 1560: SH 16 to Loop 1604 Project and to authorize the President/Chief Executive Officer or his duly appointed designee to execute the Advance Funding Agreement, and (ii) to authorize the expenditure of funds in an amount not to exceed $39,413.49 for the project work; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That an Advance Funding Agreement with TxDOT is hereby approved and the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute the Advance Funding Agreement with TxDOT in connection with the FM 1560: SH 16 to Loop 1604 Project.

2. That the expenditure of funds in an amount not to exceed $39,413.49 for the removal, handling and disposal of abandoned asbestos cement pipe by TxDOT in connection with the FM 1560: SH 16 to Loop 1604 Project is hereby authorized.

3. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551 Government Code.

4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid, or ineffective.

5. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees
FROM: Gail A. Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction
THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVING AN INTERLOCAL AGREEMENT AND AUTHORIZING EXPENDITURES TO THE ALAMO REGIONAL MOBILITY AUTHORITY IN CONNECTION WITH THE FISCHER ROAD PHASE II: IH 35 SOUTH TO SOMERSET ROAD PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to execute an Interlocal Agreement with the Alamo Regional Mobility Authority (the “Authority”) and authorizes expenditures to the Authority in an amount not to exceed $283,019.89 for the joint construction of water facility adjustments in connection with the Fischer Road Phase II: IH 35 South to Somerset Road Project.

- The Authority proposes to construct street and drainage improvements in the area illustrated on the attached maps. The Authority’s improvement work was bid and the cost is $3,406,601.28.

- Due to the reconstruction and improvements with the Fischer Road Phase II: IH 35 South to Somerset Road Project, the existing water mains that were installed from 1997 through 2002 require adjustment to avoid conflicts with the Authority’s street and drainage improvements.

- There are no sewer facilities within the project limits that require adjustment or replacement; therefore, there is no sewer work on this project.

- The water work will consist of the adjustment of approximately 250 feet of 12-inch and 16-inch water main.

- The Authority approved the bid of Dean Word Co., Ltd. for construction of this project on May 16, 2018. As part of joint bidding, advanced approval for funding and for the execution of an Interlocal Agreement is required by the Authority prior to issuing a notice to proceed on construction.

- Funds as determined by the amount bid will be transferred to the Authority following the execution of the Interlocal Agreement.
Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental – Water Category, and Governmental Water Replacements budget line item. The amount is $283,019.89 for water work. The job number is 17-5016.

APPROVED:

Robert R. Puente
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
FISCHER ROAD PHASE II
(IH35S TO SOMERSET ROAD)

LEGEND
- Fischer Road Phase II: IH 35 South to Somerset Road
- PROJECT LIMITS
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING AN INTERLOCAL AGREEMENT WITH THE ALAMO REGIONAL MOBILITY AUTHORITY AND AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE THE INTERLOCAL AGREEMENT FOR THE ADJUSTMENT OF WATER FACILITIES BY THE ALAMO REGIONAL MOBILITY AUTHORITY IN CONNECTION WITH THE FISCHER ROAD PHASE II: IH 35 SOUTH TO SOMERSET ROAD PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED $283,019.89 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, Alamo Regional Mobility Authority (the “Authority”) proposes to construct the Fischer Road Phase II: IH 35 South to Somerset Road Project; and

WHEREAS, the Fischer Road Phase II: IH 35 South to Somerset Road Project will require the adjustments of certain water facilities (the “project work”) of the San Antonio Water System (the “System”); and

WHEREAS, the Authority has requested that the System execute an Interlocal Agreement and pay for the System’s share of the project work costs; and

WHEREAS, System funds in an amount not to exceed $283,019.89 are required for the project work; and

WHEREAS, the total amount of $283,019.89 is available from the System’s Project Fund for the project work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve an Interlocal Agreement with the Authority for the adjustments of water facilities by the Authority in connection with the Fischer Road Phase II: IH 35 South to Somerset Road Project and to authorize the President/Chief Executive Officer or his duly appointed designee to execute an Interlocal Agreement, and (ii) to authorize the expenditure of funds in an amount not to exceed $283,019.89 for the System’s share of the project work; now, therefore:
BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF
TRUSTEES:

1. That an Interlocal Agreement with the Authority substantially in the form of the agreement
attached hereto is hereby approved and the President/Chief Executive Officer or his duly appointed
designee is hereby authorized to execute the Interlocal Agreement with the Authority in connection
with the Fischer Road Phase II: IH 35 South to Somerset Road Project.

2. That the expenditure of funds in an amount not to exceed $283,019.89 for the adjustments
of water facilities by the Authority in connection with the Fischer Road Phase II: IH 35 South to
Somerset Road Project is hereby approved.

3. It is officially found, determined and declared that the meeting at which this resolution is
adopted was open to the public, and that public notice of the time, place, and subject matter of the
public business to be conducted at such meeting, including this resolution, was given to all as
required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason
held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon
any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective,
the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted
without the portion held to be unconstitutional, illegal, invalid, or ineffective.

5. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_________________________________
Amy Hardberger, Secretary
This Interlocal Agreement (the “Agreement”) is made and entered into this __________ day of __________, 2018, by and between the ALAMO REGIONAL MOBILITY AUTHORITY, a political subdivision of the State of Texas (“AUTHORITY”), and the SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, a political subdivision of the State of Texas (“SAWS”) (also, individually, a “Party” or, collectively, the “Parties), pursuant to the Interlocal Cooperation Act, Chapter 791 of the Government Code.

PURPOSE

1.01 The purpose of this Agreement is to facilitate the AUTHORITY’s improvement of the Fischer Road Phase II: IH 35 South to Somerset Road (the “Project”) by including certain necessary SAWS adjustments and installations in the AUTHORITY’s Specifications for the Project, thus assuring the coordination of the AUTHORITY’s road and drainage improvements with SAWS’s adjustments and installations.

1.02 As part of its Project development activities, the Authority will include in its procurement of construction services the development and construction of the SAWS Work (as defined below).

SERVICES

2.01 The AUTHORITY agrees to include in the AUTHORITY Specifications for the Project the plans and specifications for SAWS Water Job No. 17-5016 (the “SAWS Work”), which SAWS has prepared and delivered to the AUTHORITY, and is incorporated by reference herein, and to contract for the performance of SAWS Work.

2.02 Immediately after tabulating all of the bids received for the Project, the AUTHORITY will notify SAWS in writing of the name of the contractor selected by the AUTHORITY for the Project (the “Contractor”) and the bid amount for the SAWS Work (the “Original Bid”). SAWS acknowledges that the Contractor selected by the AUTHORITY for the Project may not be the proposer which offered the lowest bid on the SAWS Work.

2.03 The AUTHORITY agrees to use its best efforts to enforce all of its rights and remedies against the Contractor for the SAWS Work.

2.04 The AUTHORITY agrees to allow SAWS access to the Project site to (i) inspect and witness testing of the SAWS Work and to determine if the SAWS Work is in conformity with the plans, specifications and special provisions applicable thereto and is in good working order, and (ii) verify all quantities used in connection with the SAWS Work, the AUTHORITY does not guarantee the performance of the Contractor in the performance of the SAWS Work, and SAWS will be responsible for inspecting and accepting the SAWS Work.
3.01 Not later than fifteen (15) days after the execution of the Agreement by SAWS, SAWS shall deliver to the AUTHORITY good and sufficient funds (the “Funds”) for the Original Bid and a fifteen percent (15%) contingency (the “Contingency”). The Funds to be provided by SAWS are further described in Exhibit A attached hereto.

3.02 For materials and construction used in the SAWS Work, SAWS agrees to pay to the AUTHORITY the amount of Two Hundred Eighty-Three Thousand, Nineteen Dollars and Eighty-Nine Cents ($283,019.89), which includes the Original Bid amount and the Contingency.

3.03 If the cost of performing the SAWS Work exceeds the Original Bid, the following provisions shall apply:

(a) Contractor-Initiated Change Orders. Use of the Contingency. In the event the AUTHORITY receives a proposed change order from the Contractor indicating that additional funds exceeding the Original Bid will be needed for SAWS Work, the AUTHORITY will notify SAWS in writing of the proposed change order. Unless SAWS objects within ten (10) business days of receipt of the written notification of the proposed change order, the AUTHORITY will proceed with SAWS Work and utilize the Contingency for payment to the Contractor. If the event the amount of the proposed change order exceeds the Contingency amount, the AUTHORITY will authorize work up to the amount of the available Contingency and will authorize the remaining work once a commitment, in writing, is received from an authorized representative of SAWS that the required additional funding (in excess of the available Contingency amount) will be remitted to the AUTHORITY prior to such time that payment for the work is due to the Contractor.

(b) SAWS-Initiated Change Orders. If change orders are requested by SAWS under this Agreement, SAWS will submit a change order request to the AUTHORITY, including all necessary documentation to prepare the change order.

(c) Authority-Initiated Change Orders. If the AUTHORITY requires a change order that affects the SAWS Work, the change order will be submitted to SAWS staff for approval. Notwithstanding the time period to reject a proposed change order under subsection (a), SAWS staff agrees to use good faith efforts to respond to change orders within ten (10) business days after SAWS staff’s receipt of request, or such additional period of time as may be reasonably necessary under the circumstances based on the complexity of the change order. SAWS staff is under no obligation to approve any change orders, and in no event shall SAWS be responsible for costs or expenses under Authority-Initiated Change Orders that are not approved by SAWS staff.

(d) If a SAWS Initiated Change Order or an Authority-Initiated Change Order results in total costs exceeding the amount stated in §3.02, the AUTHORITY will send copies of invoices covering the additional amounts authorized by a change order approved by SAWS staff, and SAWS shall pay the AUTHORITY the additional amounts in the
approved change order within fifteen (15) days after the approval of the Board of Trustees, unless further time is required for Board action to appropriate funds. In the event Board action is needed, SAWS agrees to present the request at the next regular or special Board meeting.

3.05. Not later than fifteen (15) days after the AUTHORITY’s final recapitulation with the Contractor, the AUTHORITY will refund SAWS for any surplus Funds.

3.06 The Parties acknowledge that the financial commitments stated in this Agreement are independent of the necessary operating and maintenance expenses that are SAWS’s responsibilities.

**SAWS’S RESPONSIBILITY**

4.01 SAWS agrees to accept full responsibility for inspection and acceptance of work performed as the SAWS Work, and acknowledges that the AUTHORITY is not responsible for the quality or performance of the SAWS Work by the Contractor.

4.02 Following Substantial Completion of SAWS Work, SAWS shall be responsible for all costs associated with operating and maintaining SAWS Work. Substantial Completion is the date, certified by the AUTHORITY, the AUTHORITY’s design professional and SAWS (including SAWS design professional) that the Contractor has reached that stage of completion when SAWS and the AUTHORITY accept use of SAWS Work for its intended purposes, recognizing that certain punch-list and/or clean-up items that do not preclude use of the SAWS Work for its intended purpose may be required.

**ENTIRE AGREEMENT**

5.01 This Agreement, along with the specifications for the SAWS Work, supersedes any and all other agreements, either oral or in writing, and no other agreement, statement, or promise relating to the subject matter of this Agreement that is not contained herein shall be valid or binding.

**ATTORNEY’S FEES**

6.01 If any action at law or in equity is brought to enforce or interpret the provisions of this Agreement, to the extent allowed by law, the prevailing Party shall be entitled to reasonable attorney’s fees in addition to any other relief to which the prevailing Party may be entitled.

**TEXAS LAW TO APPLY**

7.01 This Agreement is performable in Bexar County, Texas and the validity of any of its terms or provisions, as well as the rights and duties of the Parties, shall be governed by the laws of the State of Texas.
SEVERABILITY

8.01 If any one or more of the provisions contained in the Agreement is for any reason be held to be invalid, illegal, or unenforceable in any respect, that invalidity, illegality, or unenforceability will not affect any other provision and this Agreement will be construed as if the invalid, illegal, or unenforceable provision had never been contained herein.

AMENDMENT

9.01 No amendment, supplementation, modification, or alteration of the terms hereof will be binding unless it is in writing, dated subsequent to the date hereof and duly executed by the Parties.

THIRD PARTY BENEFICIARY

10.01 SAWS shall be considered a third party beneficiary under the AUTHORITY’s contract for the Project; provided, however, that prior to final completion of the work under the contract for the Project, SAWS shall not enforce any remedies against the Contractor without the prior written consent of the AUTHORITY, which consent may be withheld if the AUTHORITY reasonably believes that enforcement would have an adverse effect on final completion of the Project. Prior to final completion of the work under the contract for the Project, the AUTHORITY shall cooperate in the prosecution of any action against the Contractor, to the extent consistent with the terms of the Project Contract Documents, which SAWS may reasonably determine to be necessary to undertake in connection with the SAWS Work done by the Contractor or its subcontractors.

INDEMNIFICATION

11.01 The AUTHORITY agrees to include SAWS in the list of parties being indemnified by the Contractor, so that SAWS receives the benefit of all indemnities under the contract documents with respect to the SAWS Work. Neither party to this Agreement waives, or intends to waive, their governmental immunity in connection with this Agreement, the Project, or the SAWS Work.

INSURANCE

12.01 In all contracts entered into by the AUTHORITY for SAWS Work, the AUTHORITY shall include provisions reflecting:

(a) With regard to insurance coverage during the construction phase of the Project, the AUTHORITY shall require all consultants, contractors, subcontractors and suppliers to maintain insurance coverage limits that are sufficient to compensate the AUTHORITY and SAWS for their respective interests in the Project with regard to any liability a third party may have due to the services, equipment, or materials provided for construction of the Project. SAWS shall be named as an additional insured on all policies naming the AUTHORITY as an additional insured. The AUTHORITY shall provide SAWS with copies of the completed Certificates of Insurance which Certificates shall be completed by an agent authorized to bind the named underwriters and their companies to the coverage limits and termination provisions shown thereon. SAWS reserves the right to
review the insurance requirements during the effective period of this Agreement, and any extension or renewal hereof, and to modify insurance coverage and limits when deemed necessary and prudent by SAWS’s Risk Manager based upon changes in statutory law or court decisions. If SAWS requests a coverage modification which results in an increased cost, SAWS shall be responsible for the increased cost and the AUTHORITY shall have no obligation to request a coverage modification until SAWS submits payment to cover the increased cost. The AUTHORITY will not allow any modifications to the insurance coverage through which SAWS may incur increased risks.

(b) The AUTHORITY shall require the Contractor to maintain statutory worker’s compensation insurance for all of their employees with a waiver of subrogation in favor of the AUTHORITY and SAWS.

(c) The AUTHORITY will require the Contractor, and any subcontractors to provide all statutorily-required payment and performance bonds at no additional cost to the Parties. On services for which performance bonds are not statutorily required, the AUTHORITY shall determine whether to require performance bonds.

CURRENT REVENUES

13.01 In accordance with Section 791.011(d)(3) of the Texas Government Code, the party paying for the performance of governmental functions or services, if any, must make those payments from current revenues available to the paying party.

EXECUTED IN DUPLICATE ORIGINALS, EACH OF WHICH WILL HAVE FULL FORCE AND EFFECT ON THIS _________ DAY OF ______________________, 2018.

ALAMO REGIONAL MOBILITY AUTHORITY SAN ANTONIO WATER SYSTEM

By: _____________________________________________ By: ______________________________
    David Smith                              Robert R. Puente
    Executive Director                       President/Chief Executive Officer
Exhibit “A”
Bid Amount and Funds Committed by SAWS

<table>
<thead>
<tr>
<th>Cost Category</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Main Adjustments(^1)</td>
<td>$246,104.25</td>
</tr>
<tr>
<td>Contingency (15% of Construction)</td>
<td>$36,915.64</td>
</tr>
<tr>
<td><strong>Total SAWS Contribution =</strong></td>
<td><strong>$283,019.89</strong></td>
</tr>
</tbody>
</table>

1. Approx. 170 LF of 12-inch DI Water Pipe & 80 LF of 16-inch PVC Water Pipe
TO: San Antonio Water System Board of Trustees

FROM: Bruce A. Haby, Manager, Corporate Real Estate, and Nancy Belinsky, Vice President and General Counsel

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: AUTHORIZATION TO PURCHASE A PERMANENT WATER LINE EASEMENT FOR THE CENTRAL WATER INTEGRATION PIPELINE PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the purchase of one permanent water line easement containing approximately 0.505 acres (the “Easement”) for the Central Water Integration Pipeline Project (the “Project”). It also authorizes the expenditure of $123,600.00 for the Easement.

- San Antonio Water System (SAWS) has entered into the Water Transmission and Purchase Agreement with Vista Ridge, LLC to provide and deliver an alternate water supply to the System through the Vista Ridge Regional Supply Project. The Project will deliver water from the Vista Ridge Regional Supply Project to integration points within the distribution system.

- The Project consists of approximately 15 miles of new and existing transmission main beginning at the proposed pump station located at the Vista Ridge terminus facility in north central Bexar County to the Basin Pump Station with intermediate drop-off points at the Bitters and Maltsberger Pump Stations.

- Pipeline Segment 5-1, one of the portions of new transmission main, consists of approximately 10,300 feet of 54-inch diameter steel water main from the terminus facility to the intersection of South Loop 1604 frontage road and Voigt Drive where the pipeline will connect to an existing 48-inch diameter ductile iron water main.

- The property on which the Easement is located is owned by Concord Terrace, LLC (the “Owner”).

- SAWS’ offer of $123,600.00 was based on an appraisal from Eckmann Groll, Inc., dated April 5, 2018. SAWS and the Owner have agreed on a purchase amount of $123,600.00 for the Easement.

Staff recommends that the Board approve this resolution.
Authorization to Purchase an Easement
Central Water Integration Pipeline Project

FINANCIAL IMPACT:

The Project Fund will incur acquisition costs and possible legal fees associated with the acquisition of the land rights necessary for this Project. Funding for these land rights are found in the CY 2016 Capital Improvement Program. The project work is included in the Water Delivery Core Business, Central Water Integration Pipeline Project budget line.

The total amount is $123,600.00 for the acquisition of the Easement.

Bruce A. Haby
Manager
Corporate Real Estate

Nancy Belinsky
Vice President and General Counsel

Robert R. Puente
President/Chief Executive Officer
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM (THE “SYSTEM”) BOARD OF TRUSTEES APPROVING THE ACQUISITION OF A PERMANENT WATER LINE EASEMENT BEING APPROXIMATELY 0.505 ACRES FROM CONCORD TERRACE, LLC, AND LOCATED ON THE NORTH SIDE OF SONTERRA BOULEVARD ACROSS FROM SIGMA ROAD, IN THE NORTHEAST QUADRANT OF BEXAR COUNTY, TEXAS (THE “EASEMENT”), FOR THE CENTRAL WATER INTEGRATION PIPELINE PROJECT (THE “PROJECT”) IN AN AMOUNT NOT TO EXCEED $123,600.00; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the System has determined that acquisition of the Easement, being depicted in Attachment I and more particularly described in Attachment II, both attached hereto and incorporated herein for all purposes, is necessary for the Project; and

WHEREAS, the property on which the Easement is located is owned by Concord Terrace, LLC (the “Owner”); and

WHEREAS, the Owner has agreed to grant the Easement to the System for the sum of $123,600.00; and

WHEREAS, funds in an amount not to exceed $123,600.00 are available in the Project Fund for the purchase of the Easement; and

WHEREAS, the San Antonio Water System Board of Trustees desires to (i) approve the acquisition of the Easement for the Project, and (ii) authorize the expenditure of funds in an amount not to exceed $123,600.00 for the acquisition of the Easement; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That the acquisition of the Easement, in substantially the form attached as Attachment II, for the Project, is hereby approved.

2. That the expenditure from the Project Fund in the CY 2016 Capital Improvement Program, Water Delivery Core Business, Central Water Integration Pipeline Project budget line item in a total amount not to exceed $123,600.00 for the acquisition of the Easement is hereby approved, made available and is to be expended from the Project Fund.
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute all documents necessary to effectuate the acquisition of the Easement and to pay an amount not to exceed $123,600.00 to the Owner (or any other party shown on a title report or commitment as having an interest in the real property) for the acquisition of the Easement.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

__________________________
Berto Guerra, Jr., Chairman

ATTEST:

__________________________
Amy Hardberger, Secretary

Attachments:
I   Aerial Map
II  Permanent Easement Agreement
NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER’S LICENSE NUMBER.

PERMANENT EASEMENT – WATER
(Sub-Surface)

STATE OF TEXAS

§

COUNTY OF BEXAR

§

KNOW ALL MEN BY THESE PRESENTS

THAT, CONCORD TERRACE, LLC, a Delaware limited liability company, hereinafter referred to as "Grantor", whether one or more, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, to Grantor in hand paid by the SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, Bexar County, Texas, has given, granted, sold, conveyed, and dedicated, and by these presents, does give, grant, sell, convey, and dedicate unto the CITY OF SAN ANTONIO, a Texas Municipal Corporation, for the use, benefit and control of the said SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, herein referred to as “Grantee”, as such and their successors in office appointed by the City Council of the said City of San Antonio as provided in Ordinance No. 75686, adopted at a regular meeting of said council, April 30, 1992, and subject to the terms and provisions of said ordinance, an easement to construct, reconstruct, realign, inspect, patrol, maintain, operate, use and, remove and replace water lines and facilities, and appurtenances thereto, in, on, over and through the lands located in Bexar County, Texas as follows:

Being 0.505 acres (21,988 sq. ft.) tract of land being out of Lot 4, Block 51, NCB 19221, of the Terrace at Concord Park Subdivision, as recorded in Volume 9562, Page 13 of the Deed and Plat Records of Bexar County, Texas, and being more particularly described and depicted in Exhibits "A" and "B" attached hereto and made a part hereof (the "Easement Area");

For the purpose of using said Easement Area for any and all things necessary for the construction, reconstruction, realignment, inspection, patrol, maintenance, operation, repair, addition, removal and/or replacement of the lines, facilities and appurtenances to be placed within the above described permanent Easement Area. The Grantee expressly agrees that it will remove from said land all surplus material and will cause said land to be left as nearly as possible in the condition as it existed prior to the construction of said improvements.

Grantee shall limit its activities under this easement to the subsurface of the Easement Area and all construction activities shall be via boring. Notwithstanding the foregoing, Grantee may place a vibration monitor on the surface of the Easement Area and may access, use and excavate the surface of the Easement Area during the initial construction period, but in any event not later than January 31, 2020, for the purpose of boring for and/or filling voids encountered under the

- 1 -
Easement Area. In the event a void is encountered that Grantee determines must be filled, unless such void constitutes an emergency (as reasonably determined by Grantee), Grantee will use good faith efforts to schedule such filling with advance notification to Grantor. If such filling requires that Grantee bore through the existing driveway located on Grantor’s property, as shown on Exhibit “C” attached hereto, Grantee shall use good faith efforts to perform such filling on a weekend or other non-business day.

Grantee agrees that the water pipeline to be constructed within the Easement Area shall be buried to a depth of not less than twenty feet (20’) from the current surface grade to the top of the pipe, provided, however, Grantee shall not be responsible for restoring such depth in the event Grantor or a third party alters the grade and/or elevation of the Easement Area. Grantor agrees that any drilling, excavation or construction of piers or footings in the Easement Area may not exceed ten feet (10’) in depth from current grade without Grantee’s consent, which Grantee may give or withhold in its sole discretion.

TO HAVE AND TO HOLD the above described easement and rights unto the said Grantee, its successors and assigns, until the use of said easement shall be abandoned.

And Grantor does hereby bind itself, its legal representatives, successors and/or assigns to warrant and forever defend all and singular the above described easement and rights unto the said Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

This Easement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument.

Signature on following page
EXECUTED effective this 5th day of June, 2018

Grantor:

Concord Terrace LLC, a Delaware limited liability company

By: Concord LLC, its member

By:

Name: James H. Eny Jr.
Title: Manager

STATE OF TEXAS §
COUNTY OF Dallas §

This instrument was acknowledged before me, on this 5th day of June, 2018, by James H. Eny Jr., the Manager of Concord LLC, the member of Concord Terrace LLC, a Delaware limited liability company, on behalf of said limited liability company.

B A GAINEE
Notary Public

Notary Public
Consent, Joinder and Subordination by Lender

The undersigned, NATIONWIDE LIFE INSURANCE COMPANY, an Ohio corporation, hereby joins in the execution of this water easement to evidence its consent and agreement to the terms and provisions hereof, and to confirm and agree that any and all liens held by the undersigned, whether by Deed of Trust, reservation in a deed, constitutional, contractual or otherwise, are subject and subordinate to the terms and provisions of this water easement, as the same may be amended or modified from time-to-time. Without limiting the preceding general statement, it is agreed that the following liens are hereby subordinated to the terms of this Easement: “Deed of Trust”, dated May 18, 2015, filed of record in Volume 17241, Page 2394, of the Official Public Records of Bexar County, Texas.

NATIONWIDE LIFE INSURANCE COMPANY, an Ohio corporation

By: ________________________________

[Signature]

Jennifer Fargo, Trustee

STATE OF TEXAS  
COUNTY OF [ ]

This instrument was acknowledged before me on this _____ day of ____________, 2018, by Jennifer Fargo, Trustee of Nationwide Life Insurance Company, an Ohio corporation, on behalf of said corporation.

______________________________
Notary Public
EXHIBIT “A”

METES AND BOUNDS DESCRIPTION

OF A 0.505 ACRE TRACT (21,988 Sq. Ft.)

(VARIABLE WIDTH PERMANENT WATER EASEMENT)

A 0.505 acres, (21,988 Sq. Ft.) tract of land being out of Lot 4, Block 51, NCB 19221, of the Terrace at Concord Park Subdivision, as recorded in Volume 9562, Page 13 of the Deed and Plat Records of Bexar County, Texas. Said 0.505 acre tract being more fully described as follows with the bearings for this survey being based on the North American Datum of 1983 (CORS 1996), from the Texas Coordinate System established for the South Central Zone:

NOTE: ALL BEARINGS AND COORDINATES ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4202), NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT. ALL DISTANCE AND COORDINATES SHOWN ARE GRID;

BEGINNING, at a point on the north line of said Lot 4 and the south line of Lot 2, Block 5, of the Regan High School Subdivision, as recorded in Volume 8483, Page 60 of the Deed and Plat Records of Bexar County, Texas, for the northeast corner of this tract, (N: 13772600.14, E: 2132284.89), from which a found 1/2 inch iron rod and bears N 89° 34' 03" E, a distance of 206.66 feet;

1.) THENCE, Departing the south line of said lot 2, and the north line of said lot 4, across said Lot 4, the following calls and distances:

2.) With a curve to the left, said curve having a radius of 1389.76 feet, a delta of 03° 08' 30", a length of 16.21 feet, a chord bearing and distance of S 20° 59' 28" E, a distance of 16.21 feet, to a point;

3.) S 22° 33' 13" E, a distance of 686.81 feet to a point, for the point of curvature for a curve to the right;

4.) Said curve to the right having a radius of 1013.40 feet, a delta of 19° 00' 28", length of 336.19 feet, a chord bearing and distance S 13° 03' 29" E, 334.65 feet to a point on the north right-of-way line of East Sonterra Boulevard, a variable width right-of-way, and the south line of said Lot 4, for the southeast corner of this tract;

5.) THENCE, with the north right-of-way line of said East Sonterra Boulevard, and the south line of said Lot 4, with a curve to the right, said curve having a radius of 1278.02 feet, a delta of 00° 53' 48", a length of 20.00 feet, a chord bearing and distance of S 86° 50' 34" W, 20.00 feet to a point, for the southwest corner of this tract;

6.) THENCE, Departing the north right-of-way line of said East Sonterra Boulevard, and the south line of said Lot 4, across said Lot 4, the following calls and distances:
7.) THENCE, with a curve to the left, said curve having a radius of 993.40 feet, a
delta of 18°59'59'"; a length of 329.42 feet, a chord bearing and distance of N
13°03'43" W, 327.91 feet to a point;

8.) N 22°33’43” W, a distance of 686.81 feet to a point, for the point of curvature of
a curve to the right;

9.) Said curve to the right having a radius of 1409.76 feet, a delta of 03°23’24’’; a
length of 83.41 feet, a chord bearing and distance of N 20°52’01” W, 83.40 feet to
a point on the south line of said Lot 2 and the north line of said Lot 4, for the
northwest corner of this tract;

10.) THENCE, N 87°34’15” E, with the south line of said Lot 2 and the north line of
said Lot 4, a distance of 20.90 feet to the Point of Beginning;

Containing 0.505 acres of land more or less in the City of San Antonio, Bexar
County, Texas.

Said tract being described in accordance with a survey made on the ground and an
exhibit map prepared by Gonzalez De La Garza.

This the 5th day of March, 2018, A.D.

Lyndon Nance
Registered Professional Land Surveyor
Texas Registration Number 620
TO:    San Antonio Water System Board of Trustees
FROM:  Bruce A. Haby, Manager, Corporate Real Estate, and Nancy Belinsky, Vice President and General Counsel
THROUGH: Robert R. Puente, President/Chief Executive Officer
SUBJECT:  AUTHORIZATION TO PURCHASE A PERMANENT WATER LINE EASEMENT FOR THE CENTRAL WATER INTEGRATION PIPELINE PROJECT

Board Action Date:  July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the purchase of one permanent water line easement containing approximately 0.202 acres (the “Easement”) for the Central Water Integration Pipeline Project (the “Project”). It also authorizes the expenditure of $174,000.00 for the Easement.

- San Antonio Water System (SAWS) has entered into the Water Transmission and Purchase Agreement with Vista Ridge, LLC to provide and deliver an alternate water supply to the System through the Vista Ridge Regional Supply Project. The Project will deliver water from the Vista Ridge Regional Supply Project to integration points within the distribution system.

- The Project consists of approximately 15 miles of new and existing transmission main beginning at the proposed pump station located at the Vista Ridge terminus facility in north central Bexar County to the Basin Pump Station with intermediate drop-off points at Bitters and Maltsberger Pump Stations.

- Pipeline Segment 5-1, one of the portions of new transmission main, consists of approximately 10,300 feet of 54-inch diameter steel water main from the terminus facility to the intersection of South Loop 1604 frontage road and Voigt Drive where the pipeline will connect to an existing 48-inch diameter ductile iron water main.

- The property on which the Easement is located is owned by Drury Southwest, Inc. (the “Owner”).

- SAWS’ offer of $164,700.00 was based on an appraisal from Eckmann Groll, Inc., dated February 28, 2018. SAWS and the Owner have agreed on a purchase amount of $174,000.00 for the Easement.

Staff recommends that the Board approve this resolution.
FINANCIAL IMPACT:

The Project Fund will incur acquisition costs and possible legal fees associated with the acquisition of the land rights necessary for this Project. Funding for these land rights are found in the CY 2016 Capital Improvement Program. The project work is included in the Water Delivery Core Business, Central Water Integration Pipeline Project budget line.

The total amount is $174,000.00 for the acquisition of the Easement.

Bruce A. Haby  
Manager  
Corporate Real Estate

Nancy Belinsky  
Vice President and General Counsel

Robert R. Puente  
President/Chief Executive Officer
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM (THE “SYSTEM”) BOARD OF TRUSTEES APPROVING THE ACQUISITION OF A PERMANENT WATER LINE EASEMENT BEING APPROXIMATELY 0.202 ACRES FROM DRURY SOUTHWEST, INC., AND LOCATED AT THE NORTHWEST CORNER OF LOOP 1604 AND SIGMA ROAD, IN THE NORTH CENTRAL QUADRANT OF BEXAR COUNTY, TEXAS (THE “EASEMENT”), FOR THE CENTRAL WATER INTEGRATION PIPELINE PROJECT (THE “PROJECT”) IN AN AMOUNT NOT TO EXCEED $174,000.00; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the System has determined that acquisition of the Easement, being depicted in Attachment I and more particularly described in Attachment II, both attached hereto and incorporated herein for all purposes, is necessary for the Project; and

WHEREAS, the property on which the Easement is located is owned by Drury Southwest, Inc. (the “Owner”); and

WHEREAS, the Owner has agreed to grant the Easement to the System for the sum of $174,000.00; and

WHEREAS, funds in an amount not to exceed $174,000.00 are available in the Project Fund for the purchase of the Easement; and

WHEREAS, the San Antonio Water System Board of Trustees desires to (i) approve the acquisition of the Easement for the Project, and (ii) authorize the expenditure of funds in an amount not to exceed $174,000.00 for the acquisition of the Easement; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That the acquisition of the Easement, in substantially the form attached as Attachment II, for the Project, is hereby approved.

2. That the expenditure from the Project Fund in the CY 2016 Capital Improvement Program, Water Delivery Core Business, Central Water Integration Pipeline Project budget line item in a total amount not to exceed $174,000.00 for the acquisition of the Easement is hereby approved, made available and is to be expended from the Project Fund.
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute all documents necessary to effectuate the acquisition of the Easement and to pay an amount not to exceed $174,000.00 to the Owner (or any other party shown on a title report or commitment as having an interest in the real property) for the acquisition of the Easement.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

Attachments:
I   Aerial Map
II  Permanent Easement Agreement
NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER’S LICENSE NUMBER.

PERMANENT EASEMENT – WATER

STATE OF TEXAS

COUNTY OF BEXAR

THAT, DRURY SOUTHWEST, INC., a Missouri corporation, hereinafter referred to as "Grantor", whether one or more, for and in consideration in the amount of Ten Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, to Grantor in hand paid by the SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, Bexar County, Texas, has given, granted, sold, conveyed, and dedicated, and by these presents, does give, grant, sell, convey, and dedicate to the CITY OF SAN ANTONIO, a Texas Municipal Corporation for the use, benefit, and control of the said SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, herein referred to as “Grantee”, as such and their successors in office appointed by the City Council of the said City of San Antonio as provided in Ordinance No. 75686, adopted at a regular meeting of said council, April 30, 1992, and subject to the terms and provisions of said ordinance, a non-exclusive easement to construct, reconstruct, realign, inspect, patrol, maintain, operate, repair, add, remove and replace underground water lines and appurtenances thereto, in, on, over and through the lands located in Bexar County, Texas as follows:

Being 0.202 acres (8,782.8 sq. ft.) tract of land being out of Lot 3, Block 1, NCB 17428, of the Metropolitan Business Park, Unit – 6 Subdivision, as recorded in Volume 9509, Page 224 of the Land and Plat Records of Bexar County, Texas, and being more particularly described and depicted in Exhibits "A" and "B" attached hereto and made a part hereof (the “Easement Area”);

For the purpose of using said Easement Area for any and all things necessary for the construction, reconstruction, realignment, inspection, patrol, maintenance, operation, repair, addition, removal and/or replacement of the lines, facilities and appurtenances to be placed below the above described permanent Easement Area. The Grantee expressly agrees that it will remove from said land all surplus material and will cause said land to be left as nearly as possible in the condition as it existed prior to the construction of said improvements.

Grantee covenants and agrees that the initial construction, and any subsequent repair and replacement, of the water pipeline in the Easement Area shall occur via boring and not via trench or other open-cut method. Notwithstanding the foregoing, Grantee may use, bore or trench the surface of the Easement Area in the event of one of two enumerated emergencies: (i) the extraction of tunneling personnel in the event such personnel become trapped or struck under the Easement Area and (ii) the filling of any voids encountered under the Easement Area.
Together with the right of ingress and egress over said Easement Area for the purpose of inspecting, patrolling and maintaining said lines, facilities and appurtenances, and for the emergency use provided for above, provided, however, except as provided above in the event of the enumerated emergencies, Grantee shall not park vehicles or store equipment on the surface of the Easement Area; the right to relocate said lines, facilities and appurtenances within said Easement Area; the right to remove from said lands any building or other structure placed there following the effective date of this easement; and the right of exercise of all other rights hereby granted; and Grantor expressly covenants and agrees for itself, its legal representatives, successors and/or assigns, that (i) no building or structure of any kind will be placed on said Easement Area and that removal of any building or structure placed on said Easement Area shall be at Grantor expense and (ii) Grantor will not change, or cause to be changed, the grade of the Easement Area, by fill or excavation, by more than two (2) feet without the prior written consent of Grantee, and that the removal and/or correction of such grade change made without Grantee’s consent shall be at Grantor expense.

Grantee shall provide Grantor with a certificate of commercial general liability insurance for Grantee’s general contractor prior to commencement of initial construction. Grantee shall use commercially reasonable efforts to cause its general contractor to add Grantor as additional insured on such commercial general liability policy.

By acceptance of this easement, Grantee accepts the Easement Area in its AS-IS, WHERE IS CONDITION. Grantee agrees to release Grantor from any liability for bodily injury resulting from the condition of the premises upon which the Easement Area is located.

TO HAVE AND TO HOLD the above described easement and rights unto the said Grantee, its successors and assigns, until the use of said easement shall be abandoned.

And Grantor does hereby bind itself, its legal representatives, successors and/or assigns to warrant and forever defend all and singular the above described easement and rights unto the said Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

This Easement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument.

Signature on following page
EXECUTED effective this ______________ day of ________________, 2018

Grantor:

Drury Southwest, Inc., a Missouri corporation

By: ________________________________
   Name: ____________________________
   Title: ____________________________

STATE OF ____________ §
COUNTY OF ____________ §

This instrument was acknowledged before me this ______________ day of ________________, 2018, by __________________________, the ____________ officer of Drury Southwest, Inc., a Missouri corporation, on behalf of same.

________________________________________
Notary Public
Consent, Joinder and Subordination by Lender

The undersigned, LAREDO NATIONAL BANK, hereby joins in the execution of this water easement to evidence its consent and agreement to the terms and provisions hereof, and to confirm and agree that any and all liens held by the undersigned, whether by Deed of Trust, reservation in a deed, constitutional, contractual or otherwise, are subject and subordinate to the terms and provisions of this water easement, as the same may be amended or modified from time-to-time. Without limiting the preceding general statement, it is agreed that the following liens are hereby subordinated to the terms of this Easement: (i) “Deed of Trust”, dated December 15, 2005, filed of record in Volume 11839, Page 2427, of the Official Public Records of Bexar County, Texas, and (ii) “U.C.C.”, signed on December 18, 2015, filed of record in Volume 11839, Page 2446, of the Official Public Records of Bexar County, Texas.

THE LAREDO NATIONAL BANK

By: _________________________________________

Name: _________________________________________

Title: _________________________________________

STATE OF TEXAS §
COUNTY OF ____________ §

This instrument was acknowledged before me on this _____ day of _____________, 2018, by ____________________________, the ______________________ of Laredo National Bank, on behalf of said bank.

______________________________
Notary Public
EXHIBIT “A”
METES AND BOUNDS DESCRIPTION
OF A 0.202 ACRE TRACT (8,782.8 Sq. Ft.)
(25-FOOT WIDE PERMANENT WATER EASEMENT)

A 0.202 acres, (8,782.8 Sq. Ft.) tract of land being out of Lot 3, Block 1, NCB 17428, of the Metropolitan Business Park, Unit – 6 Subdivision, as recorded in Volume 9509, Page 224 of the Deed and Plat Records of Bexar County, Texas. Said 0.202 acre tract being more fully described as follows with the bearings for this survey being based on the North American Datum of 1983 (CORS 1996), from the Texas Coordinate System established for the South Central Zone:

NOTE: ALL BEARINGS AND COORDINATES ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4202), NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT. ALL DISTANCES AND COORDINATES SHOWN ARE GRID;

BEGINNING, at a found 1/2 inch iron rod at the west end of the northwest cutback line of at the intersection of the north right-of-way line of Loop 1604, a variable width right-of-way, and the west right-of-way line of Sigma Road, a variable width right-of-way, on the south line of said Lot 3, for the southeast corner of this tract, (N: 13769827.56, W: 2132926.94);

1.) THENCE, with the north right-of-way line of said Loop 1604 and the south line of said Lot 3, the following calls and distances:

2.) With a curve to the left having a radius of 2893.8 feet, a delta of 02°46’37”, a length of 140.25 feet, a chord bearing and distance of S 78°21’12” W, 140.24 feet to a point,

3.) S 76°57’53” W, a distance of 190.52 feet to a point, for the southeast corner of Lot 5, Block 1 of the Twin Oaks Office Park Subdivision, recorded in Volume 9562, Page 1 of the Deed and Plat Records of Bexar County, Texas, the southwest corner of Lot 3 and the southwest corner of this tract;

4.) THENCE, N 14°17’21” W, departing said Loop 1604, with the east line of said Lot 5 and the west line of said Lot 3, a distance of 25.00 feet to a point, for the northwest corner of this tract;

5.) THENCE, across said Lot 3 the following calls and distances:

6.) N 76°57’53” E, a distance of 191.07 feet to a point for the point of curvature of a curve to the right,

7.) Said curve to the right having a radius of 2918.79 feet, a delta of 03°16’11”, a length of 166.57 feet, a chord bearing and distance of N 78°35’59” E, 166.54 feet, to a point on the west right-of-way line of said Sigma Road, for the northeast corner of this tract;
8.) THENCE, with the west right-of-way line of said Sigma Road, the following calls and distances:

9.) S 06°44'01" E, a distance of 1.43 feet to a point, for the point of curvature of a curve to the right,

10.) Said curve to the right having a radius of 25.00 feet, a delta of 86°37'21"", a length of 37.80 feet, a chord bearing and distance of S 36°34'10" W, 34.30 feet to the Point of Beginning;

Containing 0.202 acres of land more or less in the City of San Antonio, Bexar County, Texas.

Said tract being described in accordance with a survey made on the ground and an exhibit map prepared by Gonzalez De La Garza.

This the 13th day of February, 2018, A.D.

Lyndon Nance
Registered Professional Land Surveyor
Texas Registration Number 6206
TO: San Antonio Water System Board of Trustees

FROM: Bruce A. Haby, Manager, Corporate Real Estate, and Nancy Belinsky, Vice President and General Counsel

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: AUTHORIZATION TO PURCHASE A PERMANENT WATER LINE EASEMENT AND TEMPORARY CONSTRUCTION EASEMENTS FOR THE CENTRAL WATER INTEGRATION PIPELINE PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the purchase of a permanent water line easement containing approximately 0.175 acres and temporary construction easements containing approximately 1.449 acres (the “Easements”) for the Central Water Integration Pipeline Project (the “Project”). It also authorizes the expenditure of $382,000.00 for the Easements.

- San Antonio Water System (SAWS) has entered into the Water Transmission and Purchase Agreement with Vista Ridge, LLC to provide and deliver an alternate water supply to the System through the Vista Ridge Regional Supply Project. The Project will deliver water from the Vista Ridge Regional Supply Project to integration points within the distribution system.

- The Project consists of approximately 15 miles of new and existing transmission main beginning at the proposed pump station located at the Vista Ridge terminus facility in north central Bexar County to the Basin Pump Station with intermediate drop-off points at Bitters and Maltzberger Pump Stations.

- Pipeline Segment 5-1, one of the portions of new transmission main, consists of approximately 10,300 feet of 54-inch diameter steel water main from the terminus facility to the intersection of South Loop 1604 frontage road and Voigt Drive where the pipeline will connect to an existing 48-inch diameter ductile iron water main.

- The property on which the Easements are located is owned by Global Evangelism, Inc. (the “Owner”), generally known as Cornerstone Church, led by Pastor John Hagee.

- SAWS’ offer of $382,000.00 was based on an appraisal from Eckmann Groll, Inc., dated June 6, 2018. SAWS and the Owner have agreed on a purchase amount of $382,000.00 for the Easements.
Authorization to Purchase Easements  
Central Water Integration Pipeline Project

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will incur acquisition costs and possible legal fees associated with the acquisition of the land rights necessary for this Project. Funding for these land rights are found in the CY 2016 Capital Improvement Program. The project work is included in the Water Delivery Core Business, Central Water Integration Pipeline Project budget line.

The total amount is $382,000.00 for the acquisition of the Easements.

Bruce A. Haby  
Manager  
Corporate Real Estate

Nancy Belinsky  
Vice President and General Counsel

APPROVED:

Robert R. Puente  
President/Chief Executive Officer
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM (THE “SYSTEM”) BOARD OF TRUSTEES APPROVING THE ACQUISITION OF A PERMANENT WATER LINE EASEMENT BEING APPROXIMATELY 0.175 ACRES AND TEMPORARY CONSTRUCTION EASEMENTS BEING APPROXIMATELY 1.449 ACRES FROM GLOBAL EVANGELISM, INC., AND LOCATED AT THE NORTHWEST CORNER OF LOOP 1604 AND STONE OAK PARKWAY, IN THE NORTHEAST QUADRANT OF BEXAR COUNTY, TEXAS (COLLECTIVELY, THE “EASEMENTS”), FOR THE CENTRAL WATER INTEGRATION PIPELINE PROJECT (THE “PROJECT”) IN AN AMOUNT NOT TO EXCEED $382,000.00; AUTHORIZING THE PRESIDENT/CEO TO NEGOTIATE THE EASEMENT DOCUMENTS; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the System has determined that acquisition of the Easements, being depicted in Attachment I and more particularly described in Attachment II, both attached hereto and incorporated herein for all purposes, is necessary for the Project; and

WHEREAS, the property on which the Easements are located is owned by Global Evangelism, Inc. (the “Owner”); and

WHEREAS, the Owner has agreed to grant the Easements to the System for the sum of $382,000.00; and

WHEREAS, funds in an amount not to exceed $382,000.00 are available in the Project Fund for the purchase of the Easement; and

WHEREAS, the San Antonio Water System Board of Trustees desires to (i) approve the acquisition of the Easements for the Project, (ii) authorize the President/Chief Executive Officer to negotiate the documents for acquisition of the Easements (“Easement Documents”), and (iii) authorize the expenditure of funds in an amount not to exceed $382,000.00 for the acquisition of the Easements; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That the acquisition of the Easement, in substantially the form attached as Attachment II, for the Project, is hereby approved.
2. That the expenditure from the Project Fund in the CY 2016 Capital Improvement Program, Water Delivery Core Business, Central Water Integration Pipeline Project budget line item in a total amount not to exceed $382,000.00 for the acquisition of the Easements is hereby approved, made available and is to be expended from the Project Fund.

3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to negotiate the Easement Documents and execute all documents necessary to effectuate the acquisition of the Easements and to pay an amount not to exceed $382,000.00 to the Owner (or any other party shown on a title report or commitment as having an interest in the real property) for the acquisition of the Easements.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

Attachments:
I  Aerial Map
II  Legal description of the Easements
NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER’S LICENSE NUMBER.

PERMANENT EASEMENT – WATER

STATE OF TEXAS §
COUNTY OF BEXAR §

THAT, GLOBAL EVANGELISM, INC, a Texas corporation, hereinafter referred to as ”Grantor”, whether one or more, for and in consideration in the amount of Ten Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, to Grantor in hand paid by the SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, Bexar County, Texas, has given, granted, sold, conveyed, and dedicated, and by these presents, does give, grant, sell, convey, and dedicate unto the CITY OF SAN ANTONIO, a Texas Municipal Corporation for the use, benefit and control of the said SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, herein referred to as “Grantee”, as such and their successors in office appointed by the City Council of the said City of San Antonio as provided in Ordinance No. 75686, adopted at a regular meeting of said council, April 30, 1992, and subject to the terms and provisions of said ordinance, an easement to construct, reconstruct, realign, inspect, patrol, maintain, operate, repair, add, remove and replace water lines and facilities, and appurtenances thereto, in, on, over and through the lands located in Bexar County, Texas as follows:

A 0.175 acres, (7,639 Sq. Ft.) tract of land being out of Lot 2, Block 1, NCB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County Texas, said land being more particularly described and/or depicted in Exhibits "A" and "B" attached hereto and made a part hereof;

For the purpose of using said Easement Area for any and all things necessary for the construction, reconstruction, realignment, inspection, patrol, maintenance, operation, repair, addition, removal and/or replacement of the lines, facilities and appurtenances to be placed within the above described permanent Easement Area. The Grantee expressly agrees that it will remove from said land all surplus material and will, except for the presence of any at-grade and above ground facilities and appurtenances constructed by Grantee, cause said land to be left as nearly as possible in the condition as it existed prior to the construction of said improvements.

Together with the right of ingress and egress over said Easement Area and over Grantor’s adjoining lands for the purpose of constructing, reconstructing, realigning inspecting, patrolling, maintaining, operating, repairing, adding and removing said lines, facilities and appurtenances; the right to relocate said lines, facilities and appurtenances within said Easement Area; the right to remove from said lands all trees and parts thereof, or other obstructions, which may interfere with the exercise of the rights granted hereunder; and the right of exercise of all other rights hereby
granted; and Grantor expressly covenants and agrees for itself, its legal representatives, successors and/or assigns, that (i) no building or structure of any kind will be placed on said Easement Area and that removal of any building or structure placed on said Easement Area shall be at Grantor expense and (ii) Grantor will not change, or cause to be changed, the grade of the Easement Area, by fill or excavation, by more than two (2) feet without the prior written consent of Grantee, and that the removal and/or correction of such grade change made without Grantee’s consent shall be at Grantor expense.

TO HAVE AND TO HOLD the above described easement and rights unto the said Grantee, its successors and assigns, until the use of said easement shall be abandoned.

And Grantor does hereby bind itself, its legal representatives, successors and/or assigns to warrant and forever defend all and singular the above described easement and rights unto the said Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

This Easement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument.

EXECUTED effective this ______________ day of ______________, 2018

GLOBAL EVANGELISM, INC., a Texas corporation

By:

______________________________________

Name: ____________________
Title: _____________________

STATE OF TEXAS §

COUNTY OF ____________ §

This instrument was acknowledged before me on this ______ day of ______________, 2018, by

__________________________, the ______________________________ of Global Evangelism, Inc., a Texas corporation, on behalf of same.

________________________________________

Notary Public
EXHIBIT “A”

METES AND BOUNDS DESCRIPTION

OF A 0.175 ACRE TRACT (7,639 Sq. Ft.)

(VARIABLE WIDTH PERMANENT WATER EASEMENT)

A 0.175 acre, (7,639 Sq. Ft.) tract of land being out of Lot 2, Block 1, NCB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County, Texas. Said 0.175 acre tract being more fully described as follows with the bearings for this survey being based on the North American Datum of 1983 (CORS 1996), from the Texas Coordinate System established for the South Central Zone:

NOTE: ALL BEARINGS AND COORDINATES ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (1202), NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT. ALL DISTANCES AND COORDINATES SHOWN ARE GRID;

BEGINNING, at a point (N: 13769446.0, E: 2129769.9), from which a found type 2 concrete highway monument on the south line of said Lot 2, and the north right-of-way line of Loop 1604, a variable width right-of-way, bears S 06°48’05” E, a distance of 14.00 feet and S 83°11’55” W, 117.20 feet, a second found type 2 concrete highway monument bears S 06°48’05” E, a distance of 14.00 feet, and N 83°11’55” E, a distance of 82.50 feet:

1.) THENCE, Across said Lot 2, the following calls and distances:
2.) N 04°30’47” W, a distance of 56.46 feet to a point, for the northwest corner of this tract,
3.) N 85°29’13” E, a distance of 176.30 feet to a point on the west right-of-way line of Stone Oak Parkway, a variable width right-of-way, for the northeast corner of this tract;
4.) THENCE, along a curve to the right having a radius of 185.00 feet, a delta of 26°34’05”, a length of 85.78 feet, a chord bearing and distance of S 47°28’53” W, 85.02 feet to a point, for the southeast corner of this tract;
5.) THENCE, S 83°11’55” W, departing the west right-of-way line of said Stone Oak Parkway, a distance of 103.09 feet to the Point of Beginning;

Containing 0.175 acres of land more or less in the City of San Antonio, Bexar County, Texas.

Said tract being described in accordance with a survey made on the ground and an exhibit map prepared by Gonzalez De La Garza.

This the 27th day of April, 2018, A.D.

Lyndon Vance
Registered Professional Land Surveyor
Texas Registration Number 6206
NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER’S LICENSE NUMBER.

TEMPORARY CONSTRUCTION EASEMENT - WATER

STATE OF TEXAS §
COUNTY OF BEXAR §

KNOW ALL MEN BY THESE PRESENTS

THAT, GLOBAL EVANGELISM, INC, a Texas corporation, hereinafter referred to as "GRANTOR", for and in consideration in the amount of TEN DOLLARS ($10.00), and other valuable consideration the receipt and sufficiency of which is hereby acknowledged, to GRANTOR in hand paid by the SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, Bexar County, Texas, has GIVEN, GRANTED, SOLD, CONVEYED, and DEDICATED, and by these presents, does GIVE, GRANT, SELL, CONVEY, and DEDICATE unto the CITY OF SAN ANTONIO, a Municipal Corporation for the use, benefit, and control of the said SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, herein referred to as “Grantee”, as such and their successors in office appointed by the City Council of the said City of San Antonio as provided in Ordinance No. 75686, adopted at a regular meeting of said council, April 30, 1992 and subject to the terms and provisions of said ordinance, an easement over, across and upon the following described lands, for construction, storage and staging of materials and/or equipment for installation of water lines, facilities and appurtenances thereto:

Tract A:
A 0.428 acres, (18,656 Sq. Ft.) tract of land being out of Lot 2, Block 1, NCB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County Texas, said land being more particularly described and/or depicted in Exhibits "A" and "B" attached hereto and made a part hereof;

Tract B:
A 0.836 acres, (36,426 Sq. Ft.) tract of land being out of Lot 2, Block 1, NCB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County Texas, said land being more particularly described and/or depicted in Exhibits "C" and "D" attached hereto and made a part hereof;

Tract C:
A 0.140 acres, (6,116 Sq. Ft.) tract of land being out of Lot 2, Block 1, NCB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County Texas, said land being more particularly described and/or depicted in Exhibits "E" and "F" attached hereto and made a part hereof;
Tract D:
A 0.045 acres, (1,969 Sq. Ft.) tract of land being out of Lot 2, Block 1N CB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County Texas, said land being more particularly described and/or depicted in Exhibits "G" and "H" attached hereto and made a part hereof;

For the purpose of using the said temporary construction easement area for any and all things necessary for the construction of the aforesaid water lines, facilities and appurtenances. In further consideration of this grant, said GRANTEE expressly agrees that it will remove from said land all surplus material and will cause said land to be left as nearly as possible in its condition as it existed prior to the construction of said improvements. The temporary construction easement shall expire at the completion of construction of the aforesaid improvements, demobilization and restoration work.

Together with the right of ingress and egress over said temporary construction easement area; and GRANTOR expressly covenants and agrees for itself, its legal representatives, successors and/or assigns, that, during the term of this temporary construction easement, no building or other obstruction of any kind will be placed by or for GRANTOR or its legal representatives, successors and/or assigns, within said temporary construction easement area.

NOTWITHSTANDING THE FOREGOING, (I) THE USE OF TRACT B SHALL BE LIMITED TO WEEKDAYS ONLY (BUT DURING SUCH PERIOD GRANTEE SHALL INSTALL TEMPORARY BARRICADES) AND (II) THE USE OF TRACTS C AND D SHALL BE LIMITED TO INGRESS AND EGRESS AND GRANTEE SHALL NOT STORE OR STAGE VEHICLES OR MATERIALS IN SUCH AREAS.

TO HAVE AND TO HOLD the above described easement and rights unto the said GRANTEE, its successors and assigns, until the expiration of this temporary construction easement according to its terms.

And GRANTOR does hereby bind itself, its legal representatives, successors and/or assigns to warrant and forever defend all and singular the above described easement and rights unto the said GRANTEE, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof.

Signature on following page
EXECUTED effective this ____________ day of ______________, 2018

GLOBAL EVANGELISM, INC., a Texas corporation

By:

____________________________________
Name: __________________
Title: _____________________

STATE OF TEXAS §
COUNTY OF _____________ §

This instrument was acknowledged before me on this ______ day of ______________, 2018, by
______________, the ______________________ of Global Evangelism, Inc., a Texas
corporation, on behalf of same.

________________________________________
Notary Public
EXHIBIT “A”
METES AND BOUNDS DESCRIPTION
OF A 0.428 ACRE TRACT (18,656 Sq. Ft.)
(VARIABLE WIDTH TEMPORARY CONSTRUCTION EASEMENT)

A 0.428 acres, (18,656 Sq. Ft.) tract of land being out of Lot 2, Block 1, NCB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County, Texas. Said 0.428 acre tract being more fully described as follows with the bearings for this survey being based on the North American Datum of 1983 (CORS 1996), from the Texas Coordinate System established for the South Central Zone:

NOTE: ALL BEARINGS AND COORDINATES ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4202), NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT. ALL DISTANCES AND COORDINATES SHOWN ARE GRID;

BEGINNING, at a point on the south line of said Lot 2, and the north right-of-way line of Loop 1604, a variable width right-of-way, (N: 13769.734, E: 2129288.9), from which a found type 2 concrete highway monument bears S35°11’55” E, a distance of 46.98 feet;

1.) THENCE, departing the north line of said Lot 2, and the north right-of-way line of Loop 1604, across said Lot 2 the following calls and distances:

2.) N 16°0’36” W, a distance of 120.00 feet to a point,

3.) N 84°10’07” E, a distance of 292.82 feet to a point, on the west right-of-way line of Stone Oak Parkway, a variable width right-of-way;

4.) With a curve to the right having a radius of 185.00 feet, a delta of 21°47’06’’, a length of 70.34 feet, a chord bearing and distance of S 05°03’15” W, 69.92 feet to a point;

5.) THENCE, departing the west right-of-way line of said Stone Oak Parkway, and the east of said Lot 2, across said Lot 2 the following calls and distances:

6.) S 85°29’13” W, a distance of 170.00 feet to a point,

7.) S 04°30’47” E, a distance of 70.48 feet to a point, on the north right-of-way line of said Loop 1604;

8.) THENCE, S 83°11’55” W, a distance of 69.67 feet to the Point of Beginning:
Containing 0.428 acres of land more or less in the City of San Antonio, Bexar County, Texas.

Said tract being described in accordance with a survey made on the ground and an exhibit map prepared by Gonzalez De La Garza.

This the 27th day of March, 2018, A.D.

Lyndon Nance
Registered Professional Land Surveyor
Texas Registration Number 6206
METES AND BOUNDS DESCRIPTION
OF A 0.836 ACRE TRACT (36,426 Sq. Ft.)
(VARIABLE WIDTH TEMPORARY CONSTRUCTION ACCESS EASEMENT)

A 0.836 acres, (36,426 Sq. Ft.) tract of land being out of Lot 2, Block 1, NCB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County, Texas. Said 0.836 acre tract being more fully described as follows with the bearings for this survey being based on the North American Datum of 1983 (CORS 1996), from the Texas Coordinate System established for the South Central Zone:

NOTE: ALL BEARINGS AND COORDINATES ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4202), NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT. ALL DISTANCES AND COORDINATES SHOWN ARE GRID;

BEGINNING, at a point, (N: 13769624.1, E: 21292273.9), from which a found type 2 concrete highway monument bears S 16°07’36”E, a distance of 208.98 feet, and S 83°11’55” W, a distance of 46.98 feet;

1.) THENCE, across said Lot 2, the following calls and distances:

2.) N 85°53’18” E, a distance of 236.96 feet to a point,

3.) N 05°49’25” W, a distance of 126.02 feet to a point,

4.) S 05°50’18” W, a distance of 85.00 feet to a point on the west right-of-way line of Stone Oak Parkway, a variable width right-of-way;

5.) THENCE, with the west right-of-way line of said Stone Oak Parkway, the following calls and distances:

6.) S 83°11’55” W, a distance of 139.75 feet to a point,

7.) With a curve to the right having a radius of 185.00 feet, a delta of 18°15’02”, a length of 58.93 feet, a chord bearing and distance of S 25°04’19” W, 58.68 feet to a point;

8.) THENCE, departing the west right-of-way line of said Stone Oak Parkway, and the east of said Lot 2, across said Lot 2 the following calls and distances:
9.) N 84°10’02” E, a distance of 292.82 feet to a point,

10.) N 16°07’36” W, a distance of 88.58 feet to the Point of Beginning;

Containing 0.836 acres of land more or less in the City of San Antonio, Bexar County, Texas.

Said tract being described in accordance with a survey made on the ground and an exhibit map prepared by Gonzalez De La Garza.

This the 27th day of March, 2018, A.D.

Lyndon Nance
Registered Professional Land Surveyor
Texas Registration Number 6206
Project: Central Water Pipeline Integration Project
SAWS PARCEL No.: P17-240-TB
Page: 5 of 7

Exhibit "E"

METES AND BOUNDS DESCRIPTION
OF A 0.140 ACRE TRACT (6,116 Sq. Ft.)
(VARIABLE WIDTH TEMPORARY CONSTRUCTION EASEMENT)

A 0.140 acres, (6,116 Sq. Ft.) tract of land being out of Lot 2, Block 1, NCB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County, Texas. Said 0.140 acre tract being more fully described as follows with the bearings for this survey being based on the North American Datum of 1983 (CORS 1996), from the Texas Coordinate System established for the South Central Zone:

NOTE: ALL BEARINGS AND COORDINATES ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4202), NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT. ALL DISTANCES AND COORDINATES SHOWN ARE GRID;

BEGINNING, at a point, (N: 13769422.6, E: 2129259.2), from which a found type 2 concrete highway monument bears S 83°11’55” W, a distance of 173.36 feet;

1.) THENCE, across said Lot 2 the following calls and distances:
   2.) N 16°07’36” W, a distance of 210.00 feet to a point,
   3.) N 85°53’13” E, a distance of 29.88 feet to a point,
   4.) S 16°07’36” E, a distance of 200.00 feet to a point,
   5.) S 83°11’55” W, a distance of 29.62 feet to the Point of Beginning;

Containing 0.140 acres of land more or less in the City of San Antonio, Bexar County, Texas.

Said tract being described in accordance with a survey made on the ground and an exhibit map prepared by Gonzalez De La Garza.

This the 27th day of March, 2018, A.D.

Lyndon Nance
Registered Professional Land Surveyor
Texas Registration Number 6206
METES AND BOUNDS DESCRIPTION
OF A 0.045 ACRE TRACT (1,969 Sq. Ft.)
(VARIABLE WIDTH TEMPORARY ACCESS EASEMENT)

A 0.045 acres, (1,969 Sq. Ft.) tract of land being out of Lot 2, Block 1, NCB 16331, of the Cornerstone Church Subdivision, as recorded in Volume 9637, Page 30 of the Deed and Plat Records of Bexar County, Texas. Said 0.045 acre tract being more fully described as follows with the bearings for this survey being based on the North American Datum of 1983 (CORS 1996), from the Texas Coordinate System established for the South Central Zone:

NOTE: ALL BEARINGS AND COORDINATES ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (4202), NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT. ALL DISTANCES AND COORDINATES SHOWN ARE GRID;

BEGINNING, at a point, (N: 13769777.5, E: 1295388.8), on the west right-of-way line of Stone Oak Parkway, a variable width right-of-way, from which a found type 2 concrete highway monument bears S 05°24′18″ E, a distance of 5,779 feet;

1.) THENCE, across said Lot, the following calls and distances:
2.) S 82°35′09″ W, a distance of 85.00 feet to a point,
3.) N 05°49′25″ W, a distance of 209.3 feet to a point,
4.) N 82°35′09″ E, a distance of 84.99 feet to a point, on the west right-of-way line of said Stone Oak Parkway;
5.) THENCE, S 05°50′17″ E, a distance of 23.18 feet to the Point of Beginning;

Containing 0.045 acres of land more or less in the City of San Antonio, Bexar County, Texas.

Said tract being described in accordance with a survey made on the ground and an exhibit map prepared by Gonzalez De La Garza.

This the 27th day of March, 2018, A.D.

Lyndon Nance
Registered Professional Land Surveyor
Texas Registration Number 6206
TO: San Antonio Water System Board of Trustees
FROM: Bruce A. Haby, Manager, Corporate Real Estate, and Nancy Belinsky, Vice President and General Counsel
THROUGH: Robert R. Puente, President/Chief Executive Officer
SUBJECT: AUTHORIZATION TO PURCHASE A PERMANENT WATER LINE EASEMENT FOR THE CENTRAL WATER INTEGRATION PIPELINE PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the purchase of one permanent water line easement containing approximately 0.534 acres (the “Easement”) for the Central Water Integration Pipeline Project (the “Project”). It also authorizes the expenditure of $154,500.00 for the Easement.

- San Antonio Water System (SAWS) has entered into the Water Transmission and Purchase Agreement with Vista Ridge, LLC to provide and deliver an alternate water supply to the System through the Vista Ridge Regional Supply Project. The Project will deliver water from the Vista Ridge Regional Supply Project to integration points within the distribution system.

- The Project consists of approximately 15 miles of new and existing transmission main beginning at the proposed pump station located at the Vista Ridge terminus facility in north central Bexar County to the Basin Pump Station with intermediate drop-off points at Bitters and Maltsberger Pump Stations.

- Pipeline Segment 5-1, one of the portions of new transmission main, consists of approximately 10,300 feet of 54-inch diameter steel water main from the terminus facility to the intersection of South Loop 1604 frontage road and Voigt Drive where the pipeline will connect to an existing 48-inch diameter ductile iron water main.

- SAWS requires the acquisition of real property, being the Easement, which starts at the southern right of way of Huebner Road and terminates at the northern boundary of the Reagan High School Subdivision in north central San Antonio, Bexar County, Texas for the construction of the Project.

- The property on which the Easement is located is owned by XJ 1869 Development, LLC (the “Owner”).
SAWS’ offer of $154,500.00 was based on an appraisal from Eckmann Groll, Inc., dated February 28, 2018. SAWS and the Owner have agreed on a purchase amount of $154,500.00 for the Easement.

Staff recommends that the Board approve this resolution.

**FINANCIAL IMPACT:**

The Project Fund will incur acquisition costs and possible legal fees associated with the acquisition of the land rights necessary for this Project. Funding for these land rights are found in the CY 2016 Capital Improvement Program. The project work is included in the Water Delivery Core Business, Central Water Integration Pipeline Project budget line.

The total amount is $154,500.00 for the acquisition of the Easement.
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM (THE “SYSTEM”) BOARD OF TRUSTEES APPROVING THE ACQUISITION OF A PERMANENT WATER LINE EASEMENT BEING APPROXIMATELY 0.534 ACRES FROM XJ 1869 DEVELOPMENT, LLC, AND LOCATED OUTSIDE LOOP 1604 JUST NORTH OF REAGAN HIGH SCHOOL, IN THE NORTHEAST QUADRANT OF BEXAR COUNTY, TEXAS (THE “EASEMENT”), FOR THE CENTRAL WATER INTEGRATION PIPELINE PROJECT (THE “PROJECT”) IN AN AMOUNT NOT TO EXCEED $154,500.00; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the System has determined that acquisition of the Easement, being depicted in Attachment I and more particularly described in Attachment II, both attached hereto and incorporated herein for all purposes, is necessary for the Project; and

WHEREAS, the property on which the Easement is located is owned by XJ 1869 Development, LLC (the “Owner”); and

WHEREAS, the Owner has agreed to grant the Easement to the System for the sum of $154,500.00; and

WHEREAS, funds in an amount not to exceed $154,500.00 are available in the Project Fund for the purchase of the Easement; and

WHEREAS, the San Antonio Water System Board of Trustees desires to (i) approve the acquisition of the Easement for the Project, and (ii) authorize the expenditure of funds in an amount not to exceed $154,500.00 for the acquisition of the Easement; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That the acquisition of the Easement, in substantially the form attached as Attachment II, for the Project, is hereby approved.

2. That the expenditure from the Project Fund in the CY 2016 Capital Improvement Program, Water Delivery Core Business, Central Water Integration Pipeline Project budget line item in a total amount not to exceed $154,500.00 for the acquisition of the Easement is hereby approved, made available and is to be expended from the Project Fund.
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute all documents necessary to effectuate the acquisition of the Easement and to pay an amount not to exceed $154,500.00 to the Owner (or any other party shown on a title report or commitment as having an interest in the real property) for the acquisition of the Easement.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

______________________________
Berto Guerra, Jr., Chairman

ATTEST:

______________________________
Amy Hardberger, Secretary

Attachments:
I Aerial Map
II Permanent Easement Agreement
20-FOOT PROPOSED PERMANENT WATER EASEMENT

CENTRAL WATER INTEGRATION PIPELINE PROJECT
SEGMENT 5-1

ATTACHMENT I
NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER’S LICENSE NUMBER.

PERMANENT EASEMENT – WATER LINE

STATE OF TEXAS §

COUNTY OF BEXAR §

KNOW ALL MEN BY THESE PRESENTS

THAT, XJ 1869 DEVELOPMENT LLC, a Texas limited liability company, hereinafter referred to as "Grantor", whether one or more, for and in consideration of the amount of Ten Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, to Grantor in hand paid by the SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, Bexar County, Texas, has given, granted, sold, conveyed, and dedicated, and by these presents, does give, grant, sell, convey, and dedicate unto the CITY OF SAN ANTONIO, a Texas Municipal Corporation for the use, benefit and control of the said SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES, herein referred to as “Grantee”, as such and their successors in office appointed by the City Council of the said City of San Antonio as provided in Ordinance No. 75686, adopted at a regular meeting of said council, April 30, 1992, and subject to the terms and provisions of said ordinance, an easement to construct, reconstruct, realign, inspect, patrol, maintain, operate, repair, add, remove and replace one underground water main line and facilities solely related to such underground water main line, under and through the lands located in Bexar County, Texas as follows:

A 0.534 of one acre, or 23,218 square feet or more or less, easement located on a 19,400 acre tract conveyed to XJ Development LLC in deed recorded in Volume 17692, Page 1024 of the Official Records of Real Property of Bexar County, Texas, in New City Block (N.C.B.) 19221 of the City of San Antonio, Bexar County, Texas. Said 0.534 of an acre tract being more particularly described and depicted in Exhibits "A" and "B" attached hereto and made a part hereof (the “Easement Area”);

Together with the right of ingress and egress over said Easement Area for constructing, reconstructing, realigning, inspecting, patrolling, maintaining, operating, repairing, adding and removing said underground water main line and facilities solely related to such underground water main line and the right to relocate such water main line and related facilities within said Easement Area.

By acceptance of this Easement, Grantee agrees that (i) construction of all water lines, facilities and appurtenances shall be via underground boring, (ii) Grantee’s right of ingress and egress over the Easement Area shall be limited to the period(s) of construction, (iii) Grantee shall bury all water lines, facilities and appurtenances to a depth of not less than fifty feet (50’) below current grade, and (iv) Grantee will remove from said land all surplus material and will cause said land to
be left as nearly as possible in the condition as it existed prior to the construction of the underground water main line and will repair any damage to any improvements located thereon caused by Grantee or its agents or contractors.

Subject to the next sentence, Grantor reserves for Grantor and Grantor’s heirs, successors, and assigns the right to use all of the surface and all or part of the Easement Area as long as such use by Grantor and Grantor’s heirs, successors, and assigns does not interfere with the underground main water line or its related facilities, and the right to convey to others the right to use all of the surface and all or part of the Easement Area as long as such further conveyance is subject to the terms of this easement. Grantor expressly covenants and agrees for itself, its legal representatives, successors and assigns that no piers, footings or foundations will be placed or excavation made at a depth greater than forty feet (40’) below current grade.

TO HAVE AND TO HOLD the above described easement and rights unto the said Grantee, its successors and assigns, until the use of said easement shall be abandoned.

And Grantor does hereby bind itself, its legal representatives, successors and/or assigns to warrant and forever defend all and singular the above described easement and rights unto the said Grantee, its successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to all instruments in any, appearing in the official public records of Bexar County, Texas, that affect such lands, to the extent that they are valid and effective as of this date, the mere reference thereto shall not be deemed to impose or reinstate them to the extent that they are not valid and effective as of the date of this easement, and further, to the extent that any such claim arises by, through, or under Grantor, and otherwise.

This Easement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same instrument.

EXECUTED effective the 21st day of MAY, 2018.

Grantor:

XJ 1869 Development LLC, a Texas limited liability company

By: __________________________

Robert E. Schlortt, III, Manager
STATE OF TEXAS

COUNTY OF BEXAR

This instrument was acknowledged before me on this 31\textsuperscript{st} day of May, 2018, by Robert E. Schlottt, III, Manager of \textbf{XJ 1869 Development LLC.}, a Texas limited liability company, on behalf of same.

\begin{center}
\textbf{Karen Jameson}
\end{center}

\begin{center}
Notary Public
\end{center}
FIELD NOTES
for a 0.534 Acre (22,240 square foot)
(20-Foot Permanent Water Easement)

A 0.534 of an acre, or 22,240 square feet more or less, easement located on a 19.400 acre tract
coyoned to XJ 1869 Development LLC in deed recorded in Volume 17692, Page 1024 of the
Official Public Records of Real Property of Bexar County, Texas, in River City Block (N.C.B.)
19221 of the City of San Antonio, Bexar County, Texas. Said 0.534 of an acre tract being more
fully described as follows, with bearings based on the Texas Coordinate System established for
the South Central Zone from the North American Datum of 1983 NAD 83 (NA2011) epoch
2010.00;

COMMENCING: At a found metal nail and washer marked “Pape-Dawson” at the southeast corner
of Huebner Road, a 110-foot public right-of-way, dedicated in Stono Oak High
School Unit 1 Subdivision, recorded in Volume 9536, Page 92 of the Deed and Plat
Records of Bexar County, Texas, in the northeast corner of said 19.400 acre tract
and at a north corner of Lot 2, Block 1, N.C.B. 17605, Reagan High School
Subdivision recorded in Volume 9562, Page 60 of the Deed and Plat Records of
Bexar County, Texas;

THENCE: S 78°37'53" E, with the south right-of-way line of said Huebner Road and the north
line of said 19.400 acre tract, a distance of 1017.75 feet to the POINT OF
BEGINNING of hereto described easement;

THENCE: S 78°37'53" E, continuing with said line, a distance of 20.00 feet to a point;

THENCE: S 11°22'07" W, departing the south right-of-way line of said Huebner Road, over
and across said 19.400 acre tract, a distance of 1158.20 feet to a point on a northeast
line of said Lot 2;

THENCE: S 80°39'23" W, with said line, a distance of 21.38 feet to a point;

THENCE: N 11°22'07" E, departing a northeast line of said Lot 2, over and across said 19.400
acre tract, a distance of 1165.76 feet to the POINT OF BEGINNING, and
containing 0.534 of an acre in the City of San Antonio, Bexar County, Texas. Said
easement being described in accordance with an exhibit prepared under job number
7117-09 by Pape-Dawson Engineers, Inc.
TO: San Antonio Water System Board of Trustees

FROM: Scott R. Halty, Director, Resource Protection and Compliance, and Donovan S. Burton, Vice President, Water Resources and Governmental Relations

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: AWARD OF A CONTRACT AS PART OF THE WATER WELL MITIGATION PROGRAM TO PROVIDE DIAGNOSTIC AND WELL CONSTRUCTION SERVICES FOR PRIVATE SMALL CAPACITY WELLS

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution awards a contract in the amount of $112,697.00 to Alsay Incorporated to provide diagnostic and well construction services to mitigate the hydrologic effects of San Antonio Water System (SAWS) programs on private small capacity water wells near the SAWS Aquifer Storage and Recovery (ASR) project area.

• In 1996, SAWS began its investigation of potential sites for an ASR project to assist in management of its water supply. Through detailed investigations, the South Bexar County ASR site was selected.

• The SAWS Board of Trustees (the “Board”) approved a Carrizo Aquifer Mitigation policy to provide for protection of the Carrizo aquifer in South Bexar County, development of a mitigation program, and remediation of private water wells affected by fluctuating water levels associated with the operation of the ASR project by Resolution No. 02-077 in February 2002. On November 19, 2002, by Resolution No. 02-364, the Board approved an Aquifer Protection and Management Agreement with the Evergreen Underground Water Conservation District to provide further assurances that SAWS will properly manage this resource and will provide mitigation of any water level-related effects of the ASR project.

• In addition to the ASR mitigation program, the Board has approved two additional policies, the Trinity Aquifer Policy approved in February 2001 by Resolution 01-040, and the Regional Carrizo Aquifer Policy approved in August 2005 by Resolution 05-329. These policies call for the mitigation of adverse water level impacts to private water wells in the vicinity of, and impacted by, these SAWS projects.

• To date, mitigation contracts have been utilized to investigate 317 water wells. Of the wells investigated, 110 were not eligible for mitigation, 7 are in the process of being mitigated, 30 require further investigation, and 170 were mitigated. Mitigation was completed through the drilling of 84 replacement wells, the lowering of 53 pumps, and the
connection of 18 homes to our water system. Mitigation was not required for 15 of the wells after further investigation.

- Within the ASR project area, SAWS staff has identified one small capacity well that needs to be replaced, three small capacity wells that need to be mitigated, one well that can be replaced by connecting the homeowner to our system, producing a cost savings in return, and two wells that need to be plugged. In addition, it is estimated that there are small capacity water wells beyond these identified for which diagnostics and mitigation will need to be performed.

- To enable SAWS to continue to accomplish mitigation of water level impacts occurring from SAWS projects, staff requires the services of a contractor to accomplish well diagnostics and well services for small capacity water wells. This new contract will be used for the continuation of mitigation efforts, and its scope is consistent with previous contracts awarded since the initiation of the Board’s mitigation policies.

- Work orders will be issued for each individual project task based on pre-defined items of work and unit cost. The cost for each project work order will be charged against the total contract amount. This process allows for quicker response time and reduces overall cycle time.

- Alsay Incorporated has submitted the lowest responsible and responsive bid of $112,697.00.

Staff recommends that the Board approve this resolution.

**FINANCIAL IMPACT:**

This is an operating and maintenance expenditure. The SAWS job number for this project is 18-0111. The services will be paid from the System Fund budgeted in the 2018 Budget (Company: 1000, Accounting Unit: 5043100, Account: 511312, Total 2018 amount: $112,697.00).

**SUPPLEMENTARY COMMENTS:**

An invitation for bid was issued on March 23, 2018. A bid opening was held on April 17, 2018 at 10:00 A.M. The following bids were received:

<table>
<thead>
<tr>
<th>Bidder</th>
<th>Bid Amount</th>
<th>Local/SMWVB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Estimate</td>
<td>$ 95,000.00</td>
<td></td>
</tr>
<tr>
<td>Alsay Incorporated*</td>
<td>$ 112,697.00</td>
<td>Local/Non-SMWVB</td>
</tr>
</tbody>
</table>

*Lowest Responsible Bid
Contract duration is until funds are exhausted or November 16, 2018, whichever comes first. The contract period shall not extend past November 16, 2018.

Scott R. Haity
Director
Resource Protection and Compliance

Donovan S. Burton
Vice President
Water Resources and Governmental Relations

Robert R. Puente
President/Chief Executive Officer
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A CONTRACT TO ALSAY INCORPORATED IN THE AMOUNT OF $112,697.00 AS PART OF THE SYSTEM’S WATER WELL MITIGATION PROGRAM TO PROVIDE DIAGNOSTIC AND WELL SERVICES FOR PRIVATE SMALL CAPACITY WATER WELLS; AUTHORIZING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED $112,697.00 FROM THE SYSTEM FUND FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A CONTRACT WITH ALSAY INCORPORATED, AND TO PAY ALSAY INCORPORATED AN AMOUNT NOT TO EXCEED $112,697.00 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the San Antonio Water System (the “System”) has approved a Carrizo Aquifer Mitigation Policy and entered into an Aquifer Protection and Management Agreement with the Evergreen Underground Water Conservation District to protect and manage the resource and provide for remediation of potential impacts of the Aquifer Storage and Recovery (ASR) project; and

WHEREAS, the System has approved other water projects that may necessitate mitigating project area small capacity wells and has identified multiple wells for which diagnostic work, and possibly mitigation work, need to be performed; and

WHEREAS, the System requires the services of a qualified well service firm to actively support the mitigation program; and

WHEREAS, System staff has, in accordance with applicable statutory requirements, solicited bids from firms regarding diagnostic services and pump services for private small capacity water wells; and

WHEREAS, Alsay Incorporated was determined to be the lowest responsible bidder for an amount of $112,697.00; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a contract to Alsay Incorporated in the amount of $112,697.00 for project work in connection with the System’s Water Well Mitigation Program, (ii) to approve the expenditure of funds and make available an amount not to exceed $112,697.00 from the System Fund for the project work, (iii) to
authorize the President/Chief Executive Officer or his duly appointed designee to execute a contract with Alsay Incorporated for a period of three months or until contract funds are expended, and to pay Alsay Incorporated an amount not to exceed $112,697.00 for the project work; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That a contract in the amount of $112,697.00 is hereby awarded to Alsay Incorporated in connection with project work related to the System’s Water Well Mitigation Program.

2. That the expenditure of funds in an amount not to exceed of $112,697.00 project work is hereby approved and made available from the System Fund.

3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute the contract with Alsay Incorporated for a period of three months or until contract funds are expended, and to pay Alsay Incorporated an amount not to exceed $112,697.00 in connection with project work.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, invalid or ineffective, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid, or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July 2018.

________________________________________
Berto Guerra, Jr., Chairman

ATTEST:

______________________________
Amy Hardberger, Secretary
TO:        San Antonio Water System Board of Trustees

FROM:    Doug Evanson, Senior Vice President/Chief Financial Officer

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: RATIFICATION OF THE EXECUTION OF A LETTER AGREEMENT IN CONNECTION WITH EXTENDING THE TERM OF THE BANK DEPOSITORY AGREEMENT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution ratifies the actions of the Director of Contracting in executing a letter agreement between the San Antonio Water System (the “System”) and Frost Bank (collectively, the “Parties”), dated June 14, 2018, extending by six months (through December 31, 2018) the term of the Bank Depository Agreement between the Parties that was originally approved by the Board through Resolution 13-354 on December 3, 2013; it also amends Resolution No. 13-354 by approving the extension of the Bank Depository Agreement’s term through December 31, 2018.

- On December 3, 2013, the System’s Board of Trustees, by Resolution No. 13-354, authorized the Bank Depository Agreement between the Parties for a term of January 1, 2014 through June 30, 2018 (the “Term”).

- The current agreement is for a term of four years and six months. Texas Local Government Code, Chapter 105, which governs the selection of a depository bank by municipal entities, allows for a term of up to five years.

- In order to allow for adequate time to evaluate the submitted proposals for a new bank depository agreement, it is in the best interest of the System to ratify the actions of the Director of Contracting in executing the letter agreement between the Parties extending the Term of the Bank Depository Agreement with Frost for an additional six months, expiring on December 31, 2018, and to amend Resolution 13-354 to extend the term for an additional six months, expiring on December 31, 2018.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

No Funds are needed or requested in this resolution.
Ratification of Term Extension on the Bank Depository Agreement  

Doug Evanson  
Senior Vice President/Chief Financial Officer  

APPROVED:  

Robert R. Puente  
President/Chief Executive Officer
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES RATIFYING THE ACTIONS OF THE DIRECTOR OF CONTRACTING IN EXECUTING A LETTER AGREEMENT EXTENDING THE TERM OF THE BANK DEPOSITORY AGREEMENT WITH FROST BANK; AMENDING RESOLUTION NO. 13-354 BY APPROVING THE EXTENSION OF THE TERM OF THE BANK DEPOSITORY AGREEMENT WITH FROST BANK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, on December 3, 2013, the San Antonio Water System’s (the “System”) Board of Trustees, by Resolution No. 13-354, authorized the Bank Depository Agreement between the System and Frost Bank (collectively, the “Parties”) for a term of January 1, 2014 through June 30, 2018 (the “Term”).

WHEREAS, the current agreement is for a term of four years and six months. Texas Local Government Code, Chapter 105, which governs the selection of a depository bank by municipal entities, allows for a term of up to five years.

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to ratify the actions of the Director of Contracting in executing the letter agreement between the Parties, extending the Term of the Bank Depository Agreement through December 31, 2018, and (ii) to amend Resolution 13-354 by approving the extension of the Bank Depository Agreement’s term through December 31, 2018; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That the actions of the Director of Contracting in executing the letter agreement between the Parties, extending the Term of the Bank Depository Agreement for an additional six months, expiring on December 31, 2018 are hereby ratified.

2. That Resolution 13-354 is hereby amended extending the term of the Bank Depository Agreement’s through December 31, 2018.

3. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.
4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

5. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

_____________________________________
Berto Guerra, Jr., Chairman

ATTEST:

_____________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Tracey B. Lehmann, P.E., Director, Development, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: UTILITY SERVICE AGREEMENTS FOR WATER AND/OR WASTEWATER SERVICES TO TRACTS REQUIRING THE SAN ANTONIO WATER SYSTEM FINANCIAL PARTICIPATION IN THE DEVELOPMENT OF INFRASTRUCTURE THROUGH OVERSIZING OR IMPACT FEE CREDITS AND/OR ARE LOCATED OUTSIDE THE SAN ANTONIO WATER SYSTEM WATER AND/OR WASTEWATER CERTIFICATE OF CONVENIENCE AND NECESSITY

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution approves Utility Service Agreements (USAs) to provide water and/or wastewater services to the specified tracts of land requiring San Antonio Water System’s (the “System”) financial participation in the development of infrastructure through oversizing or impact fee credits, and/or is located outside the System’s water and/or wastewater Certificate of Convenience and Necessity (CCN).

- This board item consists of three tracts, which total 323.69 acres; 1,190 water Equivalent Dwelling Units (EDUs); and 1,143 wastewater water EDUs.

- Board approval is required since the tracts require the System’s financial participation in the development of infrastructure through oversizing or impact fee credits and/or is located outside the System’s water and/or wastewater CCN.

- The Hultz Office Building (Revised) Tract is located outside the City of San Antonio Extra Territorial Jurisdiction, inside the System’s water CCN and outside the wastewater CCN. The USA provides zero EDUs of water and 3 EDUs of wastewater services.

- The Tres Laurels Subdivision Tract is located inside the City of San Antonio Extra Territorial Jurisdiction, inside the System’s water CCN and inside the wastewater CCN. The USA provides 1,012 EDUs of water and 980 EDUs of wastewater services and consists of oversized infrastructure.

- The Redland Plaza Tract is located inside the City of San Antonio City Limits, inside the System’s water CCN and inside the wastewater CCN. The USA provides 159 EDUs of water and 160 EDUs of wastewater services and consists of oversized infrastructure.
Utility Service Agreements to the Specified Tracts Requiring Oversizing And/or Outside the System’s Water and/or Wastewater CCN

- The Living Faith Community Church Tract is located inside the City of San Antonio Extra Territorial Jurisdiction, inside the System’s water CCN and inside the wastewater CCN. The USA provides 19 EDUs of water and zero EDUs of wastewater services and consists of oversized infrastructure.

- The Developer is required to install all necessary on-site facilities in accordance with the Board’s regulations and at the Developer’s total cost.

- The Developer is responsible for the construction and engineering costs associated with all required water and/or wastewater mains to serve the tract (on-site and off-site).

Staff recommends that the Board approve this resolution.

<table>
<thead>
<tr>
<th>No.</th>
<th>Tract Name</th>
<th>Developer</th>
<th>Acres</th>
<th>W EDUs</th>
<th>WW EDUs</th>
<th>CoSA / CoSA ETJ / Outside</th>
<th>EARZ / CZ</th>
<th>JBSA</th>
<th>Board Reason</th>
<th>W CCN</th>
<th>WW CCN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hultz Office Building (Revised)</td>
<td>Kyle Hultz</td>
<td>1.107</td>
<td>0</td>
<td>3</td>
<td>OUTSIDE</td>
<td>INSIDE</td>
<td>N</td>
<td>CCN INSIDE</td>
<td>OUTSIDE</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Tres Laurels Subdivision</td>
<td>Equitable Land Holdings, LLC</td>
<td>303</td>
<td>1,012</td>
<td>980</td>
<td>COSA ETJ</td>
<td>OUTSIDE</td>
<td>Y</td>
<td>OVR INSIDE</td>
<td>INSIDE</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Redland Plaza</td>
<td>Aamshu Inc.</td>
<td>11.063</td>
<td>159</td>
<td>160</td>
<td>COSA</td>
<td>INSIDE</td>
<td>Y</td>
<td>OVR INSIDE</td>
<td>INSIDE</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Living Faith Community Church</td>
<td>Living Faith Community Church</td>
<td>8.52</td>
<td>19</td>
<td>0</td>
<td>COSA ETJ</td>
<td>OUTSIDE</td>
<td>N</td>
<td>OVR INSIDE</td>
<td>INSIDE</td>
<td></td>
</tr>
</tbody>
</table>

Total 323.69 1,190 1,143

Acronyms:
EARZ = Edwards Aquifer Recharge Zone  
OVR = Oversizing  
CCN = Certificate of Convenience and Necessity  
CZ = Edwards Aquifer Contributing Zone  
WW = Wastewater  
IFC = Impact Fee Credits  
CoSA = City of San Antonio limits  
ETJ = Extraterritorial Jurisdiction  
JBSA = Joint Base San Antonio Buffer Zone

EXTENT AND CONDITIONS OF UTILITY SERVICE AGREEMENT:

Upon approval by the System of this USA, the Developer Customers have 36 months to complete the required utility master plan and to start construction. If a Developer Customer fails to complete these requirements within the 36-month period, the USA will expire and a request for a new agreement must be submitted to the System. During the effective term of this USA, capacity in the System’s water and wastewater systems will be set aside. The Developer Customers are not
guaranteed capacity until all required off-site infrastructure is built by the Developer, accepted by the System, and all impact fees are paid.

**FINANCIAL IMPACT:**

In compliance with the System’s Board of Trustees water extension policy, Developer Customer applicants are responsible for financing all required local benefit facilities and for payment of all applicable impact fees. The Developers will contribute all impact fees in effect at the time of plat recordation or the latest date allowable by law for each subdivision unit. The fees to be collected by the System will be recorded in the Service Recovery Account and are estimated as follows, based on current charges and full build out of the tracts:

<table>
<thead>
<tr>
<th>No.</th>
<th>Tract Name</th>
<th>Water Impact Fees</th>
<th>Wastewater Impact Fees</th>
<th>Total Impact Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hultz Office Building (Revised)</td>
<td>$0.00</td>
<td>$9,918.00</td>
<td>$9,918.00</td>
</tr>
<tr>
<td>2</td>
<td>Tres Laurels Subdivision</td>
<td>$4,652,164.00</td>
<td>$2,303,980.00</td>
<td>$6,956,144.00</td>
</tr>
<tr>
<td>3</td>
<td>Redland Plaza</td>
<td>$730,923.00</td>
<td>$528,960.00</td>
<td>$1,259,883.00</td>
</tr>
<tr>
<td>4</td>
<td>Living Faith Community Church</td>
<td>$87,343.00</td>
<td>$0.00</td>
<td>$87,343.00</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>$5,470,430.00</strong></td>
<td><strong>$2,842,858.00</strong></td>
<td><strong>$8,313,288.00</strong></td>
</tr>
</tbody>
</table>

The System is responsible for providing access to existing general benefit facilities and/or financing the construction of additional general benefit facilities.

**OVERSIZING AND/OR IMPACT FEE CREDITS:**

The following USAs have recommendations for the System’s financial participation in the development of infrastructure through oversizing or impact fee credits and/or facilities based on the System’s Master Plan.
Utility Service Agreements to the Specified Tracts Requiring Oversizing And/or Outside the System’s Water and/or Wastewater CCN

<table>
<thead>
<tr>
<th>No.</th>
<th>Tract Name</th>
<th>Oversize SAWS</th>
<th>Oversize Developer</th>
<th>Oversize Total</th>
<th>Oversize Developer (%)</th>
<th>Oversize System (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hultz Office Building (Revised)</td>
<td>$0.00</td>
<td>$0.00</td>
<td>$0.00</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>2</td>
<td>Tres Laurels Subdivision</td>
<td>$5,143,452.00</td>
<td>$2,229,024.00</td>
<td>$7,372,476.00</td>
<td>30.23%</td>
<td>69.77%</td>
</tr>
<tr>
<td>3</td>
<td>Redland Plaza</td>
<td>$245,700.00</td>
<td>$81,900.00</td>
<td>$327,600.00</td>
<td>25.00%</td>
<td>75.00%</td>
</tr>
<tr>
<td>4</td>
<td>Living Faith Community Church</td>
<td>$63,700.00</td>
<td>$81,900.00</td>
<td>$145,600.00</td>
<td>56.25%</td>
<td>43.75%</td>
</tr>
</tbody>
</table>

$5,452,852.00 $2,392,824.00 $7,845,676.00

The Developer is required to install all other necessary on-site facilities in accordance with the Board’s regulations at the Developer’s total cost.

Tracey B. Lehmann, P.E.
Director
Development

Andrea L.H. Beimer, P.E.
Vice President
Engineering and Construction

APPROVED:

Robert R. Puente
President/Chief Executive Officer

Attachments:
1. Table 1, Tract Information
Table 1
Tract Information

<table>
<thead>
<tr>
<th>No.</th>
<th>Tract Name</th>
<th>Developer</th>
<th>Principal</th>
<th>CoSA / CoSA ETJ / Outside</th>
<th>EARZ / CZ</th>
<th>JBSA</th>
<th>PZ</th>
<th>Acres</th>
<th>Water EDU</th>
<th>WW EDU</th>
<th>Watershed</th>
<th>Board Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hultz Office Building (Revised)</td>
<td>Kyle Hultz</td>
<td>Kyle Hultz</td>
<td>OUTSIDE</td>
<td>INSIDE</td>
<td>N</td>
<td>N/A</td>
<td>1.107</td>
<td>0</td>
<td>3</td>
<td>Lower Culebra Creek</td>
<td>CCN</td>
</tr>
<tr>
<td>2</td>
<td>Tres Laurels Subdivision</td>
<td>Equitable Land Holdings, LLC</td>
<td>Abdul Lalani</td>
<td>COSA ETJ</td>
<td>OUTSIDE</td>
<td>Y</td>
<td>950W</td>
<td>303</td>
<td>1,012</td>
<td>980</td>
<td>Polecat Creek-Medina River</td>
<td>OVR</td>
</tr>
<tr>
<td>3</td>
<td>Redland Plaza</td>
<td>Aamshu Inc. Sadnuddin Sarfani</td>
<td></td>
<td>COSA</td>
<td>INSIDE</td>
<td>Y</td>
<td>6</td>
<td>11.063</td>
<td>159</td>
<td>160</td>
<td>Mud Creek</td>
<td>OVR</td>
</tr>
<tr>
<td>4</td>
<td>Living Faith Community Church</td>
<td>Living Faith Community Church</td>
<td>Kevin D. Love</td>
<td>OCSA ETJ</td>
<td>OUTSIDE</td>
<td>N</td>
<td>1080</td>
<td>8.52</td>
<td>19</td>
<td>0</td>
<td>Medio Creek</td>
<td>OVR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>323.69</strong></td>
<td><strong>1,190</strong></td>
<td><strong>1,143</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Acronyms:
EARZ = Edwards Aquifer Recharge Zone  
CZ = Edwards Aquifer Contributing Zone  
CoSA = City of San Antonio limits  
ETJ = Extraterritorial Jurisdiction  
JBSA = Joint Base San Antonio Buffer Zone
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING UTILITY SERVICE AGREEMENTS TO PROVIDE WATER AND/OR WASTEWATER SERVICES TO THE SPECIFIED TRACTS OF LAND REQUIRING THE SAN ANTONIO WATER SYSTEM'S FINANCIAL PARTICIPATION IN THE DEVELOPMENT OF INFRASTRUCTURE THROUGH OVERSIZING OR IMPACT FEE CREDITS AND/OR ARE LOCATED OUTSIDE THE SAN ANTONIO WATER SYSTEM'S WATER AND/OR WASTEWATER CERTIFICATE OF CONVENIENCE AND NECESSITY (CCN), SUBJECT TO THE EXPIRATION OF SUCH AGREEMENTS IF NOT EXERCISED IN THIRTY-SIX MONTHS; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Developer Customers, specified in the table below, have requested the San Antonio Water System (the “System”) to provide water and/or wastewater service(s), and have satisfied the requirements of the Board's Regulations for Developer Customers Applicant; and

<table>
<thead>
<tr>
<th>No.</th>
<th>Tract Name</th>
<th>Developer</th>
<th>Acres</th>
<th>W VjUs</th>
<th>WW VjUs</th>
<th>COSA / ETJ</th>
<th>EARZ / CZ</th>
<th>JBSA</th>
<th>Board Reason</th>
<th>W CCN</th>
<th>WW CCN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hultz Office Building (Revised)</td>
<td>Kyle Hultz</td>
<td>1.107</td>
<td>0</td>
<td>3</td>
<td>OUTSIDE</td>
<td>INSIDE</td>
<td>N</td>
<td>CCN</td>
<td>INSIDE</td>
<td>OUTSIDE</td>
</tr>
<tr>
<td>2</td>
<td>Tres Laurels Subdivision</td>
<td>Equitable Land Holdings, LLC</td>
<td>303</td>
<td>1,040</td>
<td>980</td>
<td>COSA ETJ</td>
<td>OUTSIDE</td>
<td>Y</td>
<td>OVR</td>
<td>INSIDE</td>
<td>INSIDE</td>
</tr>
<tr>
<td>3</td>
<td>Redland Plaza</td>
<td>Aamshu Inc.</td>
<td>11.063</td>
<td>159</td>
<td>160</td>
<td>COSA</td>
<td>INSIDE</td>
<td>Y</td>
<td>OVR</td>
<td>INSIDE</td>
<td>INSIDE</td>
</tr>
<tr>
<td>4</td>
<td>Living Faith Community Church</td>
<td>Living Faith Community Church</td>
<td>8.52</td>
<td>19</td>
<td>0</td>
<td>COSA ETJ</td>
<td>OUTSIDE</td>
<td>N</td>
<td>OVR</td>
<td>INSIDE</td>
<td>INSIDE</td>
</tr>
</tbody>
</table>

Total 323.69 1,190 1,143

WHEREAS, the Developer Customer’s provisions to acquire water and/or wastewater services within the System’s jurisdiction is generally illustrated in the attached Project Site Maps; and

WHEREAS, the Developer Customer is obligated to pay the prescribed fees and to comply with other applicable requirements as set forth in the Regulations for Water and/or Wastewater Service; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to
approve the Utility Service Agreements and to provide water and/or wastewater services to tracts of land requiring the System’s financial participation in the development of infrastructure through oversizing or impact fee credits and/or are located outside the System’s water and/or wastewater Certificate of Convenience and Necessity, and (ii) to provide that the Utility Service Agreements will be honored for a period of thirty-six months, and that if not exercised during this period, the Utility Service Agreements will expire; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That the System hereby approves the Utility Service Agreements and agrees to provide water and/or wastewater services to tracts of land requiring the System’s financial participation in the development of infrastructure through oversizing or impact fee credits and/or are located outside the System’s water and/or wastewater Certificate of Convenience and Necessity as generally illustrated in the attached Project Site Maps hereto, on a Developer Customer basis as provided for in the Board's Regulations, applicable amendments to the Regulations, and any other applicable federal, state or local regulations.

2. That the Utility Service Agreements shall be honored for a period of thirty-six months, and if not exercised during this thirty-six-month period, the Utility Service Agreement will expire.

3. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

5. This resolution shall take effect immediately from and after its passage.

PASSED AND APPROVED this 10th day of July, 2018.

__________________________________________
Berto Guerra, Jr., Chairman

ATTEST:

______________________________
Amy Hardberger, Secretary

Attachments:  Project Site Maps
Tres Laurels Subdivision Tract
1012 Water EDUs
980 Sewer EDUs
303 Acres
USA-19073

Proposed Infrastructure
- PZ 1080: 12-inch main
- PZ 950W: 16-inch main
- Future 24-inch main
- Proposed Tank
- Existing PZ 950W mains

Proposed Oversized Facility:
- Tank (GST): 500k gal to 1.0 MGD
- High Service Pumps: 5.0 MGD to 7 MGD
- Well Pumps: 1.0 MGD to 4.0 MGD
TO: San Antonio Water System Board of Trustees

FROM: Gail Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: AWARD OF CONSTRUCTION CONTRACT IN CONNECTION WITH THE 2018 CIPP SMALL PIPE DIAMETER PACKAGE

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution awards a construction contract to SAK Construction, LLC, a non-local, non-SMWVB firm, in the amount of $2,531,847.00 in connection with the 2018 CIPP Small Pipe Diameter Package.

• The contract that is the subject of the attached resolution will, if approved, authorize work that is required by the Consent Decree for the 2018 CIPP Small Pipe Diameter Package between the San Antonio Water System, the United States of America, and the State of Texas that was lodged in the United States District Court for the Western District of Texas on July 23, 2013.

• This contract will be used to rehabilitate sewer mains in need of repair based on condition assessment.

• This contract will be for the rehabilitation of approximately 17,350 feet of sanitary sewer mains ranging in size from 8-inch to 18-inch by cure-in-place pipe (CIPP). Additionally, the manholes will be rehabilitated.

• SAK Construction, LLC, has submitted the lowest responsible bid of $2,531,847.00.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. This project is included in the Wastewater Core Business budget line item. The amount is $2,531,847.00 for wastewater related construction work under job number 17-4547.
SUPPLEMENTARY COMMENTS:

CEC Civil Engineering Consultants, Inc. prepared the bid proposal and specifications for the project. The engineer’s estimated construction cost was $3,564,509.08.

A bid opening was held on June 12, 2018, at 10:30 AM. The following bids were submitted:

<table>
<thead>
<tr>
<th>Bidder</th>
<th>Bid Amount</th>
<th>Local/SMWVB</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAK Construction, LLC*</td>
<td>$2,531,847.00</td>
<td>Non-Local/Non-SMWVB</td>
</tr>
<tr>
<td>Cruz Tec, Inc.</td>
<td>$3,385,589.45</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Engineer’s Estimate</td>
<td>$3,564,509.08</td>
<td>Engineer’s Estimate</td>
</tr>
<tr>
<td>PM Construction &amp; Rehab, LP</td>
<td>$4,732,043.00</td>
<td>Non-Local/Non-SMWVB</td>
</tr>
</tbody>
</table>

*Lowest Responsible Bidder

The bid amount represents a 29.0 percent decrease from the Engineer’s estimated construction cost.

Additionally, the overall SMWVB analysis is shown in the following table:

<table>
<thead>
<tr>
<th>2018 CIPP Small Pipe Diameter Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAK Construction, LLC</td>
</tr>
</tbody>
</table>

SMWVB Analysis – Board Award

<table>
<thead>
<tr>
<th>SBE</th>
<th>0.00%</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBE – African American</td>
<td>0.00%</td>
</tr>
<tr>
<td>MBE – Asian</td>
<td>0.00%</td>
</tr>
<tr>
<td>MBE – Hispanic</td>
<td>11.01%</td>
</tr>
<tr>
<td>MBE – Other</td>
<td>0.00%</td>
</tr>
<tr>
<td>WBE – Minority</td>
<td>12.99%</td>
</tr>
<tr>
<td>WBE – Non–Minority</td>
<td>0.00%</td>
</tr>
<tr>
<td>SMWVB Total</td>
<td>24.01%</td>
</tr>
</tbody>
</table>
Award of Construction Contract
2018 CIPP Small Pipe Diameter Package

Gail Hamrick-Pigg, P.E.
Director
Pipelines

APPROVED:

Robert R. Puente
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A CONSTRUCTION CONTRACT TO SAK CONSTRUCTION, LLC IN THE AMOUNT OF $2,531,847.00 IN CONNECTION WITH THE 2018 CIPP SMALL PIPE DIAMETER PACKAGE; APPROVING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED $2,531,847.00 FROM THE SYSTEM’S PROJECT FUND FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A CONSTRUCTION CONTRACT WITH SAK CONSTRUCTION, LLC, AND TO PAY SAK CONSTRUCTION, LLC AN AMOUNT NOT TO EXCEED $2,531,847.00 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, this contract will be used to rehabilitate sewer mains in need of repair based on condition assessment; and

WHEREAS, the San Antonio Water System (the “System”) has solicited bids for the project work; and

WHEREAS, SAK Construction, LLC, a non-local, non-SMWVB firm, is declared the lowest responsible bidder and has submitted the low responsible bid of $2,531,847.00 for the project work; and

WHEREAS, System funds in the amount of $2,531,847.00 are required for the project work; and

WHEREAS, the total amount of $2,531,847.00 is available from the System’s Project Fund for the project work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a construction contract to SAK Construction, LLC. in the amount of $2,531,847.00 in connection with the 2018 CIPP Small Pipe Diameter Package, (ii) to approve the expenditure of funds and make available an amount not to exceed $2,531,847.00 from the System’s Project Fund for the project work, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a construction contract with SAK Construction, LLC, and to pay SAK Construction, LLC an amount not to exceed $2,531,847.00 for the project work; now, therefore:
BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That a construction contract in the amount of $2,531,847.00 is hereby awarded to SAK Construction, LLC, Inc. in connection with the 2018 CIPP Small Pipe Diameter Package.

2. That the expenditure of funds in an amount not to exceed $2,531,847.00 for the project work is hereby approved and made available from the System’s Project Fund.

3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a construction contract with SAK Construction, LLC, and to pay SAK Construction, LLC an amount not to exceed $2,531,847.00 in connection with the 2018 CIPP Small Pipe Diameter Package.

4. It is officially found, determined, and declared that the meeting at which this resolution is adopted was open to the public, and that the public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase, or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

__________________________________________
Berto Guerra, Jr., Chairman

ATTEST:

__________________________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees

FROM: Gail Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: AWARD OF CONSTRUCTION CONTRACT IN CONNECTION WITH THE E19: SEGUIN ROAD TO NACOGDOCHES ROAD, SEGMENT 2 PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution awards a construction contract to S.J. Louis Construction of Texas, Ltd., a local, non-SMWVB contractor, in the amount of $30,705,920.68, in connection with the E19: Seguin Road to Nacogdoches Road, Segment 2 Project. It also amends Resolutions 15-274 and 17-043 by authorizing additional funds to Kimley-Horn and Associates, Inc. in an amount not to exceed $247,451.00 for related construction phase services.

- The contract that is the subject of the attached resolution will, if approved, authorize work required by the Consent Decree between the San Antonio Water System, the United States of America, and the State of Texas that was lodged in the United States District Court for the Western District of Texas on July 23, 2013.

- The E19: Seguin Road to Nacogdoches Road, Segment 2 Project (the “Project”) will replace and upsize approximately three miles of existing 42-inch and 48-inch gravity sewer main with 60-inch and 78-inch and eliminate two siphons along Salado Creek. The Project will extend north along Holbrook Road from a point just north of Rittiman Road to Ira Lee Road and then the alignment parallels Salado Creek all the way to the upstream termination point just north of the Marymont neighborhood. The alignment is shown on Attachment II.

- Competitive Sealed Proposal (CSP) procurement method was used to select the construction contractor. This method allows selection of a contractor based on proposals that offer the “best value” to the System. Best value is determined by scored and ranked weighted criteria published in the solicitation. S.J. Louis Construction of Texas, Ltd. submitted the best value proposal for $30,705,920.68.

- On December 1, 2015, the System’s Board by Resolution No. 15-274, authorized a professional services contract with Kimley-Horn and Associates, Inc. in the amount of $5,281,944.00 to provide professional engineering design services in connection with the project.

- On February 7, 2017, the System’s Board by Resolution No. 17-043, amended the contract and authorized additional services in the amount of $450,600.00.
Because of the complexity of this project, Kimley-Horn and Associates, Inc., will need to provide additional construction phase services not included in the original scope. Additional funding in the amount of $247,451.00 is required for construction phase services.

Staff recommends that the Board approve this resolution.

**FINANCIAL IMPACT:**

The Project Fund will finance this expenditure included in the CY 2017 and 2018 Capital Improvement Program. This work is included in the Wastewater Core Business, Main Replacement - Sewer budget line item. The amount is $30,705,920.68 for wastewater related construction work and $247,451.00 for wastewater related engineering work. The job numbers are 18-4502 for construction and 15-4506 for professional services.

**SUPPLEMENTARY COMMENTS:**

Kimley-Horn and Associates, Inc., prepared the plans and specifications for this project under their professional services contract. The engineer’s estimated construction cost for Price Proposal A was $38,902,284.00.

Competitive sealed proposals were received on May 25, 2018 at 10:00 AM. S.J. Louis Construction of Texas, Ltd. provided the best value to the System based on the following:

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Team Qualifications and Experience</td>
<td>20 %</td>
</tr>
<tr>
<td>Quality, Reputation, and Ability to Deliver Projects on Schedule and within Budget</td>
<td>25 %</td>
</tr>
<tr>
<td>Project Approach (including Delivery Schedule)</td>
<td>15 %</td>
</tr>
<tr>
<td>Price</td>
<td>30 %</td>
</tr>
<tr>
<td>SMWVB</td>
<td>10 %</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100 %</strong></td>
</tr>
</tbody>
</table>

The following proposals were submitted:

<table>
<thead>
<tr>
<th>Respondent</th>
<th>Bid Amount</th>
<th>Local/SMWVB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oscar Renda/Southland Joint Venture</td>
<td>$31,347,727.00</td>
<td>Non–Local/Non–SMWVB</td>
</tr>
<tr>
<td><strong>S.J. Louis Construction of Texas, Ltd.</strong></td>
<td><strong>$30,705,920.68</strong></td>
<td>Local/Non–SMWVB</td>
</tr>
<tr>
<td>Engineer’s Estimate</td>
<td>$38,902,284.00</td>
<td>Local/Non–SMWVB</td>
</tr>
<tr>
<td>SpawGlass Civil Construction, Inc.</td>
<td>$42,935,077.58</td>
<td>Non–Local/Non–SMWVB</td>
</tr>
<tr>
<td>Vadnais Trenchless Services, Inc.</td>
<td>$51,478,932.20</td>
<td>Non–Local/Non–SMWVB</td>
</tr>
</tbody>
</table>

*Best value proposal*
The price proposal represents a 21.07 percent decrease from the estimated construction cost. This contract has 730 days for construction completion. The System's engineering staff will inspect the work.

Additionally, the overall SMWVB analysis is shown in the following table:

<table>
<thead>
<tr>
<th>S.J. Louis Construction of Texas, Ltd.</th>
<th>SMWVB Analysis – Board Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBE</td>
<td>0.85%</td>
</tr>
<tr>
<td>MBE – African American</td>
<td>0.00%</td>
</tr>
<tr>
<td>MBE – Asian</td>
<td>0.00%</td>
</tr>
<tr>
<td>MBE – Hispanic</td>
<td>7.16%</td>
</tr>
<tr>
<td>MBE – Other</td>
<td>0.00%</td>
</tr>
<tr>
<td>WBE – Minority</td>
<td>13.03%</td>
</tr>
<tr>
<td>WBE – Non-Minority</td>
<td>0.00%</td>
</tr>
<tr>
<td>SMWVB Total</td>
<td>20.19%</td>
</tr>
</tbody>
</table>

Approved:

Gail Hamrick-Pigg, P.E.  
Director  
Pipelines

Approved:

Robert R. Puente  
President/Chief Executive Officer

Attachments:
1. Project Area Map  
2. Project Site Map  
3. Overall Project Alignment
SAN ANTONIO WATER SYSTEM
PROJECT AREA MAP
ATTACHMENT I

E-19 SEGMENT 2: SEGUIN ROAD TO NACOGDOCHES ROAD

LEGEND
★ PROJECT SITE
EDWARDS AQUIFER RECHARGE ZONE
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A CONSTRUCTION CONTRACT TO S.J. LOUIS CONSTRUCTION OF TEXAS, LTD. IN THE AMOUNT OF $30,705,920.68 IN CONNECTION WITH THE E19: SEGUIN ROAD TO NACOGDOCHES ROAD, SEGMENT 2 PROJECT; APPROVING EXPENDITURES IN AN AMOUNT NOT TO EXCEED $30,705,920.68 FOR THE CONSTRUCTION CONTRACT; AMENDING RESOLUTION NO. 15-274, AS PREVIOUSLY AMENDED BY RESOLUTION NO. 17-043, BY AUTHORIZING ADDITIONAL EXPENDITURES IN AN AMOUNT NOT TO EXCEED $247,451.00 TO KIMLEY-HORN AND ASSOCIATES, INC. FOR CONSTRUCTION PHASE SERVICES; MAKING AVAILABLE A TOTAL AMOUNT NOT TO EXCEED $30,953,371.68 FROM THE SYSTEM’S PROJECT FUND FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A CONSTRUCTION CONTRACT WITH S.J. LOUIS CONSTRUCTION OF TEXAS, LTD., AND TO PAY S.J. LOUIS CONSTRUCTION OF TEXAS, LTD. AN AMOUNT NOT TO EXCEED $30,705,920.68 FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE AN AMENDMENT TO THE EXISTING PROFESSIONAL SERVICES CONTRACT WITH KIMLEY-HORN AND ASSOCIATES, INC., AND TO PAY KIMLEY-HORN AND ASSOCIATES, INC. AN ADDITIONAL AMOUNT NOT TO EXCEED $247,451.00 FOR THE CONSTRUCTION PHASE SERVICES; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, this contract will be used to replace and upsize sewer mains in need of replacement based on capacity; and

WHEREAS, the San Antonio Water System (the “System”) has solicited competitive sealed proposals for the project work; and
WHEREAS, S.J. Louis Construction of Texas, Ltd., a local, non-SMWVB contractor, has submitted a price proposal in the amount of $30,705,920.68 for the project work and this proponent has been determined to be the most qualified; and

WHEREAS, System funds in the amount of $30,705,920.68 are required for the project work; and

WHEREAS, the total amount of $30,705,920.68 is available from the System’s Project Fund for the project work; and

WHEREAS, on December 1, 2015, the System’s Board by Resolution No. 15-274, authorized a professional services contract with Kimley-Horn and Associates, Inc. in the amount of $5,281,944.00 to provide professional engineering design services in connection with the project; and

WHEREAS, on February 7, 2017, the System’s Board by Resolution No. 17-043, amended the contract and authorized additional funds for professional engineering services in the amount of $450,600.00 to provide construction phase services in connection with the project; and

WHEREAS, additional System funds are needed in the amount of $247,451.00 payable to Kimley-Horn and Associates, Inc., for related construction phase services; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a construction contract to S.J. Louis Construction of Texas, Ltd. in the amount of $30,705,920.68 in connection with the E19: Seguin Road to Nacogdoches Road, Segment 2 Project, (ii) to amend Resolution No. 15-274, as previously amended by Resolution No. 17-043 by authorizing additional funds to Kimley-Horn and Associates, Inc. in an amount not to exceed $247,451.00 for related construction phase services, (iii) to approve the total expenditure of funds and make available an amount not to exceed $30,953,371.68 from the System’s Project Fund for the project work, (iv) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a construction contract with S.J. Louis Construction of Texas, Ltd., and to pay S.J. Louis Construction of Texas, Ltd. an amount not to exceed $30,705,920.68 for the project work, and (v) to authorize the President/Chief Executive Officer or his duly appointed designee to execute an amendment to the existing professional services contract with Kimley-Horn and Associates, Inc., and to pay Kimley-Horn and Associates, Inc. an amount not to exceed $247,451.00 for related construction phase services; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That a construction contract in the amount of $30,705,920.68 is hereby awarded to S.J. Louis Construction of Texas, Ltd. in connection with the E19: Seguin Road to Nacogdoches Road, Segment 2.
2. That Resolution No. 15-274, as previously amended by Resolution No. 17-043, is hereby amended by authorizing additional expenditures payable to Kimley-Horn and Associates, Inc. for related construction phase services in an amount not to exceed $247,451.00.

3. That the total expenditure of funds in an amount not to exceed $30,953,371.68 for the project work is hereby approved and made available from the System’s Project Fund.

4. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a construction contract with S.J. Louis Construction of Texas, Ltd., and to pay S.J. Louis Construction of Texas, Ltd. an amount not to exceed $30,705,920.68 in connection with the E19: Seguin Road to Nacogdoches Road, Segment 2 Project.

5. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute an amendment to the professional services contract with Kimley-Horn and Associates, Inc., and to pay Kimley-Horn and Associates, Inc. an additional amount not to exceed $247,451.00 for construction phase services in connection with the E19: Seguin Road to Nacogdoches Road, Segment 2 Project.

6. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

7. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

8. This resolution becomes effective immediately upon its passage.

PASSED AND APPROVED this 10th day of July, 2018.

______________________________
Berto Guerra, Jr., Chairman

ATTEST:

______________________________
Amy Hardberger, Secretary
TO: San Antonio Water System Board of Trustees
FROM: Gail A. Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction
THROUGH: Robert R. Puente, President/Chief Executive Officer
SUBJECT: AUTHORIZATION FOR THE EXECUTION OF A MEMORANDUM OF UNDERSTANDING AND TO REIMBURSE THE CITY OF SAN ANTONIO IN CONNECTION WITH THE 2017 – 2022 BOND PROGRAM

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes funds in the amount of $1,500,000.00 to reimburse the City of San Antonio (the “City”) for engineering services and authorizes the President/Chief Executive Officer to execute a Memorandum of Understanding in connection with the City’s 2017 - 2022 Bond Program.

- On May 6, 2017, San Antonio voters approved the passage of an $850 million Bond Program. Six propositions were passed, which included 180 capital improvement projects.

- Proposed projects included in the bond program include:
  - 64 street, bridge and sidewalk projects ($445,263,000)
  - 19 drainage and flood control projects ($138,988,000)
  - 79 parks, recreation, and open spaces projects ($187,313,000)
  - 13 library and cultural facilities projects ($24,025,000)
  - 5 public health projects ($34,411,000)
  - Neighborhood improvement projects ($20,000,000)

- The City intends to use developer participation contracts to fund and construct some of these projects. Alternative delivery methods, such as Construction Manager at Risk, may be used for a small number of projects and Design Build will be used for the Prue Road from Babcock to Laureate project and the Broadway from Houston to Hildebrand project. All other projects will be done under the conventional Design/Bid/Build method.

- The San Antonio Water System (the “System”) and CPS Energy participated in the selection of design consultants. Forty-eight consultants were selected to design street and drainage projects. Engineering services related to the replacement and adjustment of the System’s facilities in connection with these projects, will be included in the City’s contracts with the design engineers.

- On October 5, 2017, City Council approved the negotiation and execution of engineering
contracts. Following successful negotiations, engineering contracts will be executed without further Council action.

- The evaluation of the System’s facilities within the project has been underway since 2016. Information regarding the condition of existing facilities, and the need for the installation of new facilities, was used to develop preliminary scopes of the System’s work in connection with the bond projects.

- System staff has attended scoping meetings with the City and the selected consultants. Early engagement in engineering is strongly desired to insure high quality design plans and compliance with the City’s aggressive schedule for the delivery of the bond projects.

- Authorizing funds, to reimburse the City for engineering services at this time, allows for the initiation of preliminary engineering services in regard to potholing, surveying, and schematic designs during the development of the City’s 40 percent submittal. As the 40 percent design is developed, the potential for the avoidance of adjustments can be evaluated and implemented before design plans are further developed. Preliminary replacement designs can also be initiated.

- The Memorandum of Understanding designates the City as the lead contracting agency, establishes the City’s internet-based management system as the vehicle for communication and document approval and processing, and includes terms by which the System will reimburse the City for design and construction related costs in regard to the 2017 - 2022 Bond projects.

- It is expected that additional funding will be required to complete the System’s related engineering services through construction. Additional funds will be requested as adjustment and relocation requirements are identified and project designs are further defined.

- The consultants selected for each project are shown under Supplementary Comments.

Staff recommends that the Board approve this resolution.

**FINANCIAL IMPACT:**

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental – Water Category, and Governmental Water Replacements budget line item. The amount is $1,000,000.00 for water related engineering work.

The wastewater work is included in the Wastewater Core Business, Governmental Wastewater Category, and Governmental Wastewater Replacements budget line item. The amount is
$500,000.00 for sewer related engineering work.

**SUPPLEMENTARY COMMENTS:**

The consultants and the projects they were selected for are listed in the following table:

<table>
<thead>
<tr>
<th>Consultant</th>
<th>Project</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>AECOM Technical Services, Inc.</td>
<td>Portion of Pedestrian Mobility Improvements</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>AIA Engineers, Ltd.</td>
<td>Enrique Barrera Pkwy (Old Hwy 90) Corridor Phase 1</td>
<td>Local/MBE-Asian</td>
</tr>
<tr>
<td>Bain Medina Bain, Inc.</td>
<td>Esma Area Drainage Improvements</td>
<td>Local/WBE-Caucasian</td>
</tr>
<tr>
<td>Big Red Dog, Inc.</td>
<td>Portion of Pedestrian Mobility Improvements</td>
<td>Local/SBE</td>
</tr>
<tr>
<td>Brown &amp; Gay Engineers, Inc.</td>
<td>Southcross (IH 37 to IH 35) (World Heritage)</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>Camacho-Hernandez and Associates, LLC</td>
<td>Goliad (Fair Avenue to East Southcross)</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Civil Design Services, Inc. dba CDS Muery</td>
<td>Eisenhauer Northwood-Devonshire Area Drainage Outfall Phase 1</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>CNG Engineering, PLLC</td>
<td>Blossom Park-Lotus Blossom Drainage Improvements</td>
<td>Local/MBE-AABE</td>
</tr>
<tr>
<td>Cobb, Fendley &amp; Associates, Inc.</td>
<td>Jones Maltsberger/Burning Trail Intersection Improvements</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>CP&amp;Y, Inc.</td>
<td>Commerce Street (Santa Rosa to Frio)</td>
<td>Local/MBE-Asian</td>
</tr>
<tr>
<td>Don Durden, Inc. dba Civil Engineering Consultants</td>
<td>Roosevelt Corridor Improvements</td>
<td>Local/SBE</td>
</tr>
<tr>
<td>Fernandez, Frazer, White and Associates, Inc.</td>
<td>Monticello Park (Area Streets)</td>
<td>Local/SBE, VBE</td>
</tr>
<tr>
<td>Ford Engineering, Inc.</td>
<td>Upland Road Drainage</td>
<td>Local/WBE-Caucasian</td>
</tr>
<tr>
<td>Freese and Nichols, Inc.</td>
<td>North New Braunfels Phase 1 (Houston to Burleson)</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>Garcia &amp; Wright Consulting Engineers, Inc.</td>
<td>Bitters Road Intersections &amp; Sidewalks (Savannah Pass to Blanco Road)</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Garza EMC, LLC</td>
<td>Mission Road (San Antonio River to SE Military Drive) (World Heritage)</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>GGC Engineers, Inc.</td>
<td>Rittiman (IH-35 to Castle Cross)</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Consultant</td>
<td>Project</td>
<td>Status</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>GGE Consulting Engineers, Inc., dba GE Reaves</td>
<td>Applewhite Intersections (South of Watson &amp; Zarzamora)</td>
<td>Local/MBE-Hispanic, VBE</td>
</tr>
<tr>
<td>Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gonzalez, Kypuros and White, Inc. dba GKW, Inc.</td>
<td>N. Flores/Fredericksburg (Five Points) Intersection Improvements</td>
<td>Local/MBE-Hispanic, VBE</td>
</tr>
<tr>
<td>Gonzalez-De La Garza &amp; Associates, LLC</td>
<td>N. St. Mary's Street Improvements (Mistletoe to Josephine)</td>
<td>Local/WBE-Hispanic</td>
</tr>
<tr>
<td>Halfff Associates, Inc</td>
<td>Barbara Drive Phase 2 Drainage</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>HDR Engineering, Inc.</td>
<td>Hemisfair Internal Streets Phase 2</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>HNTB Corporation</td>
<td>Auldine &amp; Burr Oak Alley to Outfall Drainage</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>IDCUS, Inc.</td>
<td>Bynum Avenue (West Gerald to SW Military)</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Jacobs Engineering Group Inc.</td>
<td>Portion of Pedestrian Mobility Improvements</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>Jones &amp; Carter, Inc.</td>
<td>Thousand Oaks (Wetmore to Perrin Bietel Rd)</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>KFW Management, LLC dba KFW Engineers &amp; Surveying</td>
<td>West Military and Westmar Area Drainage Improvements</td>
<td>Local/SBE</td>
</tr>
<tr>
<td>Kimley-Horn and Associates, Inc.</td>
<td>Probandt (Alamo to Highway 90)</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>Klotz Associates, Inc. dba RPS Klotz Associates</td>
<td>South Presa (SE Military to Southcross) (World Heritage)</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>LNV, Inc.</td>
<td>Bulverde Rd Phase 1 (Butterleigh to North of Quiet Meadows)</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Lockwood, Andrews &amp; Newnam, Inc.</td>
<td>N. Main and Soledad (Pecan to Navarro)</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>M &amp; S Engineering, LLC</td>
<td>Vance Jackson Low Water Crossing Improvements</td>
<td>Local/WBE-Asian</td>
</tr>
<tr>
<td>Maestas &amp; Associates, Inc.</td>
<td>Cedarhurst Drive Area Drainage Improvements</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Mendez Engineering, PLLC</td>
<td>Portion of Pedestrian Mobility Improvements</td>
<td>Local/MBE-Hispanic, VBE</td>
</tr>
<tr>
<td>Michael Baker International, Inc.</td>
<td>Camaron (Houston to Fox Tech) Pedestrian Improvements</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>Moore Iacofano Goltsman, Inc.</td>
<td>San Saba (Nueva to Martin)</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>Consultant</td>
<td>Project</td>
<td>Status</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>------------------------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>Moy Tarin Ramirez Engineers, LLC</td>
<td>Thomas Jefferson High School Area Improvements</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>MW Cude Engineers, LLC</td>
<td>Portion of Pedestrian Mobility Improvements</td>
<td>Local/SBE</td>
</tr>
<tr>
<td>Pape-Dawson Engineers, Inc.</td>
<td>Santa Rosa (Cesar E. Chavez to Martin)</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>Poznecki-Camarillo, Inc.</td>
<td>Fredericksburg (N. Flores to Woodlawn)</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Reyes &amp; Hamilton Engineers PLLC</td>
<td>O.P. Schnabel Park Entrance Improvements &amp; Bridge</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Sanchez-Salazar &amp; Associates, LLC</td>
<td>Paso Del Norte (Shady Oaks)</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Slay Engineering Company, Inc.</td>
<td>Portion of Pedestrian Mobility Improvements</td>
<td>Local/SBE</td>
</tr>
<tr>
<td>Structural Engineering Associates, Inc.</td>
<td>Zarzamora Overpass @ UPRR/Frio City Road</td>
<td>Local/MBE-Hispanic</td>
</tr>
<tr>
<td>Unintech Consulting Engineers, Inc.</td>
<td>Seeling Channel Phase 3 Drainage</td>
<td>Local/WBE-Asian</td>
</tr>
<tr>
<td>Vickrey &amp; Associates, Inc.</td>
<td>South Pine/Greer Street Drainage Improvements Phase 1</td>
<td>Local/WBE-Caucasian</td>
</tr>
<tr>
<td>WSP USA, Inc.</td>
<td>Evans Road Intersection &amp; Corridor Improvements</td>
<td>Local/Non-SMWVB</td>
</tr>
<tr>
<td>Young Professional Resources</td>
<td>Heath Road &amp; Grissom Road Intersection</td>
<td>Local/MBE-AABE</td>
</tr>
</tbody>
</table>

APPROVED:

Gail A. Hamrick-Pigg, P.E.
Director
Pipelines

Andrea L.H. Beymer, P.E.
Vice President
Engineering and Construction

Robert R. Puente
President/Chief Executive Officer
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING REIMBURSEMENT TO THE CITY OF SAN ANTONIO IN AN AMOUNT NOT TO EXCEED $1,500,000.00 FOR PROFESSIONAL ENGINEERING SERVICES IN CONNECTION WITH THE 2017-2022 BOND PROGRAM; APPROVING AN AMOUNT NOT TO EXCEED $1,500,000.00 BE MADE AVAILABLE AND EXPENDED FROM THE SYSTEM’S PROJECT FUNDS FOR THE PROJECT ENGINEERING WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A MEMORANDUM OF UNDERSTANDING WITH THE CITY OF SAN ANTONIO FOR THE PROJECT ENGINEERING WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, San Antonio voters approved the passage of a $850 million bond program on May 6, 2017; and

WHEREAS, the 2017-2022 Bond Program includes 180 capital improvement projects of the City of San Antonio (the “City”); and

WHEREAS, the San Antonio Water System (the “System”) water or sewer facilities may be impacted by the construction or require replacement due to deterioration; and

WHEREAS, the System requires professional engineering services (the “project engineering work”) for the replacement or adjustment of water and sewer facilities in connection with such projects; and

WHEREAS, the project engineering work will consist of all services necessary for the design and construction of projects; and

WHEREAS, System funds in the amount of $1,500,000.00 are required to reimburse the City for the project engineering work; and

WHEREAS, the amount of $1,500,000.00 is available from the System’s Project Fund for the project engineering work; and

WHEREAS, a Memorandum of Understanding, to be executed by the System and
the City, includes terms in which the System’s project engineering work will be included in the City’s engineering contracts and provides for reimbursement to the City for the System’s project engineering work and construction costs related to the 2017-2022 Bond Program projects; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve reimbursement to the City in an amount not to exceed $1,500,000.00 for the project engineering work in connection with the 2017-2022 Bond Program, (ii) to approve and make available an amount not to exceed $1,500,000.00 from the System’s Project Fund to reimburse the City for the project engineering work, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a Memorandum of Understanding with the City for the project engineering work in connection with the 2017-2022 Bond Program; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That the expenditure of funds in an amount not to exceed $1,500,000.00 to reimburse the City for the project engineering work in connection with 2017-2022 Bond Program is hereby approved.

2. That an amount not to exceed $1,500,000.00 for the project engineering work is hereby made available and is to be expended from the System’s Project Fund.

3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a Memorandum of Understanding with the City for the project engineering work in connection with 2017-2022 Bond Program projects.

4. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and the public notice of the time, place and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

5. If any part, section, paragraph, sentence, phrase, or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffective, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid or ineffective.

6. This resolution becomes effective immediately upon its passage.
PASSED AND APPROVED this 10th day of July, 2018.

__________________________
Berto Guerra, Jr., Chairman

ATTEST:

__________________________
Amy Hardberger, Secretary
AGENDA ITEM NO. 30

TO: San Antonio Water System Board of Trustees

FROM: Gail A. Hamrick-Pigg, P.E., Director, Pipelines, and Andrea L.H. Beymer, P.E., Vice President, Engineering and Construction

THROUGH: Robert R. Puente, President/Chief Executive Officer

SUBJECT: APPROVING AN INTERLOCAL AGREEMENT AND ADVANCE FUNDING AGREEMENT AND AUTHORIZING EXPENDITURES TO THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE US 281: STONE OAK PARKWAY TO BEXAR/COMAL COUNTY LINE PROJECT

Board Action Date: July 10, 2018

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to execute an Advance Funding Agreement with the Texas Department of Transportation (TxDOT) and authorizes expenditures to TxDOT in an amount not to exceed $7,073,413.09 for the joint construction of water and sewer facility adjustments in connection with the US 281: Stone Oak Parkway to Bexar/Comal County Line Project. It further approves the execution of an Interlocal Agreement.

- TxDOT intends to expand to a six lane expressway along the US 281: Stone Oak Parkway to Bexar/Comal County Line Project in the area illustrated on the attached maps. The TxDOT highway and drainage cost estimate is $175,888,727.00 for the TxDOT work.

- Due to these highway expansion improvements within the US 281: Stone Oak Parkway to Bexar/Comal County Line Project, the existing water mains constructed between 1987 through 2016 require adjustments to avoid conflicts with proposed TxDOT improvements.

- In addition, a 16-inch and 24-inch water main is proposed to cross the highway and connect to an existing 16-inch dead end water main to close the system and help facilitate flows across the major highway, due to insufficient capacity as identified by the San Antonio Water System’s (the “System”) Master Planning Division.

- The existing sewer facilities within the project limits that were constructed between 2001 through 2015 also required adjustment to avoid conflicts with proposed TxDOT improvements.

- The water adjustment work consists of approximately 12,734 feet of 4-inch through 24-inch water mains and the installment work consists of approximately 875 feet of 16-inch and 24-inch water main.

- The sewer adjustment work consists of approximately 691 feet of 8-inch through 18-inch
Approval of an Interlocal Agreement and Advance Funding Agreement and Authorizing Expenditures to the Texas Department of Transportation for the US 281: Stone Oak Parkway to Bexar/Comal County Line Project

- It is anticipated that approximately 8.88 percent of the water and sewer adjustment work will be eligible for reimbursement through the Federal Utility and State Utility Procedures. This percentage of the water and sewer work is eligible for reimbursement due to relocation from an existing System easement. The remaining 91.12 percent of water and sewer work is to be funded by the System.

- TxDOT requires that an Interlocal Agreement be executed for utility adjustments that are eligible for reimbursement by State law. The Interlocal Agreement will authorize TxDOT to reimburse the System for a total amount of $780,783.24. Reimbursement includes $705,821.03 for construction cost, $56,866.19 for consultant service fees, and $18,096.02 for the System’s staff costs for a total amount of $780,783.24. In addition, this agreement will also reimburse the System for easement land rights that TxDOT is purchasing in an estimated amount not to exceed $48,400.00.

- The System work will be performed as part of a joint bid with TxDOT and the $705,821.03 will be paid directly by TxDOT for the construction of the water and sewer that are eligible for reimbursement. The System will pay for the engineering and System services for the project and TxDOT will reimburse a portion of the services at the completion of the project in the amount of $74,962.21.

- Funds authorized for this project will be transferred to TxDOT following Board approval and the execution of the Advance Funding Agreement in an amount not to exceed $7,073,413.09.

- In summary, TxDOT requires execution of an Interlocal Agreement for reimbursement of $780,783.24 of the work and execution of an Advance Funding Agreement for the System payment of $7,073,413.09 for the remaining work.

- The bid opening is scheduled for July 2018.

Staff recommends that the Board approve this resolution.

**FINANCIAL IMPACT:**

The Project Fund will finance this expenditure included in the CY 2018 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Governmental – Water Category, and Governmental Water Replacements budget line item. The amount is $6,611,950.24 for water work. The job number is 17-5030.

The sewer work is included in the Wastewater Core Business, Governmental – Wastewater
Approval of an Interlocal Agreement and Advance Funding Agreement and Authorizing Expenditures to the Texas Department of Transportation for the US 281: Stone Oak Parkway to Bexar/Comal County Line Project

Category, and Governmental Wastewater Replacements budget line item. The amount is $461,462.85 for sewer work. The job number is 17-5523.

Gail A. Hamrick-Pigg, P.E.
Director
 Pipelines

APPROVED:

Andrea L.H. Beymer, P.E.
Vice President
 Engineering and Construction

Robert R. Puente
President/Chief Executive Officer

Attachments:
1. Project Area Map
2. Project Site Map
RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING AN INTERLOCAL AGREEMENT AND AN ADVANCE FUNDING AGREEMENT WITH THE TEXAS DEPARTMENT OF TRANSPORTATION AND AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE THE INTERLOCAL AGREEMENT AND ADVANCE FUNDING AGREEMENT FOR THE ADJUSTMENT OF WATER AND SEWER FACILITIES BY THE TEXAS DEPARTMENT OF TRANSPORTATION IN CONNECTION WITH THE US 281: STONE OAK PARKWAY TO BEXAR/COMAL COUNTY LINE PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED $7,073,413.09 FOR THE PROJECT WORK; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Texas Department of Transportation (TxDOT) intends to reconstruct the US 281: Stone Oak Parkway to Bexar/Comal County Line Project; and

WHEREAS, the US 281: Stone Oak Parkway to Bexar/Comal County Line Project will require the adjustment of certain water and sewer facilities (the “project work”) of the San Antonio Water System (the “System”); and

WHEREAS, it is anticipated that 8.88 percent of the project work costs for the water and sewer adjustment work are eligible for reimbursement through the Federal Utility and State Utility Procedures; and

WHEREAS, reimbursement includes the estimated amounts of $705,821.03 for construction cost, $56,866.19 for consultant service fees, and $18,096.02 for the System’s staff costs for a total amount of $780,783.24; and

WHEREAS, in addition, reimbursement for easement land rights in an estimated amount not to exceed of $48,400.00; and

WHEREAS, TxDOT requested that the System enter into an Interlocal Agreement for the reimbursement by TxDOT of the reimbursable project work costs and execute an Advance Funding Agreement, and for the System to advance funds for the remaining non-reimbursable project work costs; and
WHEREAS, System funds in an amount not to exceed $7,073,413.09 are required under the Advance Funding Agreement for the project work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to approve an Interlocal Agreement and an Advance Funding Agreement with TxDOT for the adjustment of water and sewer facilities in connection with the US 281: Stone Oak Parkway to Bexar/Comal County Line Project and to authorize the President/Chief Executive Officer or his duly appointed designee to execute the Interlocal Agreement and Advance Funding Agreement, and (ii) to authorize the expenditure of funds in an amount not to exceed $7,073,413.09 for the project work; now, therefore:

BE IT RESOLVED BY THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES:

1. That an Interlocal Agreement and Advance Funding Agreement with TxDOT are hereby approved and the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute the Interlocal Agreement and Advance Funding Agreement with TxDOT in connection with the US 281: Stone Oak Parkway to Bexar/Comal County Line Project.

2. That the expenditure of funds for the Advance Funding Agreement in an amount not to exceed $7,073,413.09 for the adjustment of water and sewer facilities by TxDOT in connection with the US 281: Stone Oak Parkway to Bexar/Comal County Line Project is hereby authorized.

3. It is officially found, determined and declared that the meeting at which this resolution is adopted was open to the public, and that public notice of the time, place, and subject matter of the public business to be conducted at such meeting, including this resolution, was given to all as required by the Texas Codes Annotated, as amended, Title 5, Chapter 551, Government Code.

4. If any part, section, paragraph, sentence, phrase or word of this resolution is for any reason held to be unconstitutional, illegal, inoperative or invalid, or if any exception to or limitation upon any general provision herein contained is held to be unconstitutional, illegal, invalid or ineffectual, the remainder of this resolution shall nevertheless stand effective and valid as if it had been enacted without the portion held to be unconstitutional, illegal, invalid, or ineffective.

5. This resolution becomes effective immediately upon its passage.
PASSED AND APPROVED this 10th day of July, 2018.

_____________________________
Berto Guerra, Jr., Chairman

ATTEST:

_____________________________
Amy Hardberger, Secretary