



AGENDA

MEETING OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES

May 7, 2019, 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 March 12, 2019.**
- 4. Ceremonial and Recognition Items.**
- 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 – 18

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 CB Solutions, LP to provide: Endress Hauser 91 Series and 93 Series Clamp on Meters, Bid No. 19-19013, for a total of \$178,870.40.**
 - 2. Approving a one-time purchase from Elliott Electric Supply, Inc. to provide: heat sink coolers for electrical and instrumentation sealed enclosures, Bid No. 19-19012A, for a total of \$108,605.00.**
 - 3. Approving a one-time single source purchase from Beamex, Inc. to provide: high accuracy field calibrators and communicators, Bid No. 19-19011, for a total of \$142,279.00.**
 - 4. Approving a one-time purchase from Ancira Enterprises, Inc. to provide: eighteen each 6,300 GVWR (minimum) 4x2 wide and short bed (no outside fenders) extended, club, double, super cab pickup trucks, Bid No. 19-19016, for a total of \$423,720.00.**
 - 5. Approving a one-time purchase from Gunn Chevrolet, Ltd. to provide: nine each 6,300 GVWR (minimum) 4x4 wide and short bed (no outside fenders) extended, club, double, super cab pickup trucks, Bid No. 19-19016, for a total of \$250,597.35.**
 - 6. Approving a one-time purchase from Brisk Worldwide, LLC to provide: 120 each, 120 volt standby uninterruptible power supply units for instrumentation, Bid No. 19-19032, for a total of \$117,114.00.**
 - 7. Approving a one-time purchase from Mission City Electric, Inc. to provide: one each, 150 kilowatt standby uninterruptible power supply units for instrumentation, Bid No. 19-19032, for a total of \$184,668.00**
 - 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 McCombs HFC, Ltd. to provide: annual contract for Ford Captive service and competitive parts, Bid No. 19-0387, for a total of \$271,255.29.**

2. Acceptance of the bid of Gajeske, Inc. to provide: annual contract for high density polyethylene (HDPE) pressure pipe and tubing for water supply lines, Bid No. 19-19007, for a total of \$628,490.75.
3. Acceptance of the single source bid of DLT Solutions, LLC to provide: annual contract for Appdynamics Pro Edition, (DIR-TSO-4054), Bid No. 19-19037-2, for a total of \$183,102.84.
4. Acceptance of the bid of Airgas to provide: annual contract for single gas and multi-gas detectors and accessories, Bid No. 19-7030, for a total of \$194,655.34.
5. Acceptance of the best value bid of Alterman, Inc. to provide: annual contract for security system maintenance and repair services, Bid No. 19-14108, for a total of \$400,000.00.
6. Acceptance of the bid of Polydyne, Inc. to provide: biennial contract for Polymer, Bid No. 19-1107, for a total of \$2,316,570.00.

CAPITAL IMPROVEMENT CONTRACTS
PROJECTS INVOLVING IMPROVEMENTS,
EXTENSIONS AND ADDITIONAL CAPACITY

Developer Customer Contracts

7. A Resolution awarding a construction contract to Pesado Construction Company in an amount not to exceed \$2,508,536.00 in connection with the Ladera – Offsite Water Line Project; approving a contract between the System, Ladera I, LLC, and Pesado Construction Company for the project work; authorizing the expenditure of funds in the amount of \$1,266,324.54 for the System's proportionate share of the project work payable to Pesado Construction Company and the expenditure of funds in the amount of \$126,632.45 for the System's proportionate share of the engineering design fees payable to Ladera I, LLC. (ANDREA BEYMER – TRACEY LEHMANN)

Water and Sewer Line Improvements

8. A Resolution awarding a construction contract to Texas Pride Utilities, LLC in an amount not to exceed \$675,936.28 in connection with the Multiple Sewershed Package 9 Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)
9. A Resolution awarding a construction contract to Texas Pride Utilities, LLC in an amount not to exceed \$1,879,150.00 in connection with the 2019 Unspecified Pipe Bursting Contract. (ANDREA BEYMER – GAIL HAMRICK-PIGG)
10. A Resolution approving Change Order No. 3 in an amount not to exceed \$122,373.00 to the construction contract with Cruz Tec, Inc. in connection with the 2017 CIPP & Pipeburst Construction Contract. (ANDREA BEYMER – JOE CARRENO)

11. A Resolution awarding a professional services contract to Bain Medina Bain, Inc. in an amount not to exceed \$475,000.00 in connection with the 2019 Water Main Replacement Work Order Engineering Contract – Package I.
(ANDREA BEYMER – JUAN GOMEZ)
12. A Resolution awarding a professional services contract to RPS Infrastructure, Inc. in an amount not to exceed \$475,000.00 in connection with the 2019 Water Main Replacement Work Order Engineering Contract – Package II.
(ANDREA BEYMER – JUAN GOMEZ)

Production, Transmission and Treatment Improvements

13. A Resolution approving Change Order No. 1 in an amount not to exceed \$1,525,558.80 to the construction contract with MGC Contractors, Inc. in connection with the Central Water Integration Pipeline – Bitters Pump Station and Segment 5-3 Project.
(ANDREA BEYMER – ALISSA LOCKETT)
14. A Resolution awarding a professional services contract to BGE, Inc. in an amount not to exceed \$1,146,816.00 in connection with the Lift Stations Rehabilitation Phase 5 Project. (ANDREA BEYMER – JUAN GOMEZ)

REPLACEMENT AND ADJUSTMENT PROJECTS

Governmental Relocations and Replacements

15. A Resolution approving an Interlocal Agreement with the City of Castle Hills; authorizing the expenditure of funds in an amount not to exceed \$1,406,572.35 for the joint construction of water and sewer facility replacements in connection with the Castle Hills Phase III Antler Drive Project.
(ANDREA BEYMER – GAIL HAMRICK-PIGG)

EASEMENT AND REAL PROPERTY

16. A Resolution approving the acquisition of a permanent sewer line easement being approximately 0.801 acres from Mill Bridge Associates, Ltd., 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 an amount not to exceed \$125,000.00.
(NANCY BELINSKY – BRUCE HABY)
17. A Resolution declaring a public necessity for public use, the acquisition of certain privately owned real property in the City of Helotes being permanent easements and temporary construction easements for the Helotes Creek Gravity Main and Lift Station #246 Elimination Project in the northwest quadrant of Bexar County, Texas, which easements shall be acquired by negotiation and/or condemnation, if necessary, for the public use of the expansion and operation of the System through the construction of the project; requesting that the City Council of the City of San Antonio adopt an ordinance reaffirming and declaring that the project is for a public use and a public necessity exists for the acquisition of the easements and authorizing the System to take all appropriate action to acquire the easements by negotiation and/or condemnation. Project Located: CB 4480, 4482, 4554, 4555, 4556, 5736.
(NANCY BELINSKY – BRUCE HABY)

MISCELLANEOUS ITEMS

18. A Resolution awarding consulting services contracts to Credit Systems International, Inc. and Online Information Services, Inc. in the total amount not to exceed \$1,000,000.00 in connection with third party collection services.
(MARY BAILEY – EYENEMI DICKSON HOGUE)

ITEMS FOR INDIVIDUAL CONSIDERATION

CAPITAL IMPROVEMENT CONTRACTS

PROJECTS INVOLVING IMPROVEMENTS, EXTENSIONS AND ADDITIONAL CAPACITY

Water and Sewer Line Improvements

19. A Resolution awarding a construction contract to Cruz Tec, Inc. in an amount not to exceed \$5,513,199.18 in connection with the Multiple Sewershed Package 6A Project.
(ANDREA BEYMER – GAIL HAMRICK-PIGG)

MISCELLANEOUS ITEMS

20. A Resolution authorizing the defeasance and redemption of certain currently outstanding City of San Antonio, Texas Water System revenue obligations; recommending and requesting that the San Antonio City Council take action with respect to the redemption of such obligations. (DOUG EVANSON)
21. A Resolution recommending and requesting that the San Antonio City Council take certain actions with respect to the issuance and sale of one or more series of obligations designated as “City of San Antonio, Texas Water System Junior Lien Revenue and Refunding Bonds (No Reserve Fund)” as further designated by series, and interest rate convention; the approval of an offering document relating to each series of the aforementioned series of obligations. (DOUG EVANSON)
22. BRIEFING SESSION.
- A. Briefing and deliberation regarding the Vista Ridge Project
 - B. Briefing and deliberation regarding the 2019 State Legislative Agenda
 - C. Briefing and deliberation regarding the Quarterly Financial Reports
 - D. Briefing and deliberation regarding the 2019 Cost of Service and Rate Design Study
 - E. Briefing and deliberation regarding the Agenda Reporting Process
 - F. Briefing and deliberation regarding the Sanitary Sewer Overflow Reduction Program: Update and I&I Reduction Work Plan

23. **Inquiries of the Board of Trustees for future briefings and/or follow-up action.**
24. **The Regular Session of the May 7, 2019, Regular Board Meeting is hereby recessed to hold an Executive Session and discuss the matters listed pursuant to Sections §551.071 and §551.074 of the Texas Open Meetings Act.**
25. **EXECUTIVE SESSION.**
 - A. **Deliberation and consultation with attorneys regarding the annual evaluation, performance objectives and duties of the President/Chief Executive Officer pursuant to Texas Government Code §551.074 and §551.071, respectively.**
 - B. **Consultation with attorneys regarding legal matters related to Cause No.2018CI05898, Daniel Nishihara, et al. v. CDM Smith Inc. F/K/A Camp Dresser & McKee Inc., et al., in the 285th Judicial District Court, Bexar County, Texas pursuant to Texas Government Code §551.071.**
 - 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 Texas Government Code §551.071.**
26. **The Regular Session of the Regular Board Meeting of May 7, 2019, is hereby reconvened.**
27. **Adjournment. THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES MEETING OF MAY 7, 2019, IS HEREBY ADJOURNED.**



AGENDA

MEETING OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES

March 12, 2019, 9:00 A.M.

6th Floor Board Room #609

Administrative Offices

2800 U. S. Hwy 281 North, San Antonio, Texas 78212

**and
via video conference**

(The presiding officer and a majority of the Board's quorum to be physically present at the above address in San Antonio, TX. In accordance with the Texas Open Meetings Act, members participating remotely shall be counted as being present for all purposes in the meeting.)

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 March 12, 2019, and called to order at 9:10 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.**

Chairman Guerra acknowledge Trustee Hardberger who was attending the meeting via video conference.

3. Minutes.

A. Approval of the Minutes of the San Antonio Water System Board of Trustees Regular Board Meeting of January 15, 2019.

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

4. Ceremonial and Recognition Items.

None

5. Public Comment.

Alan Montemayor commented on the selection process for chairman of the SAWS Board. In keeping with the City's new openness and citizen involvement initiatives, he hoped the next selection would involve citizen input and would be a transparent process.

Chairman Guerra welcomed Councilman John Courage and thanked him for his involvement and support.

CONSENT AGENDA ITEMS

Items 6 – 16

**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. Authorizing additional funds to the existing contract with DN Tanks, Inc. to provide: digester concrete tank dome rehabilitation at the Dos Rios Water Recycling Center, Bid No. 18-18115, for a total of \$83,900.00.**

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. Authorizing additional funds to the existing sole source contract with AT&T to provide: telephone system and network connectivity services, Bid No. 15-1247, for a total of \$78,000.00.**

CAPITAL IMPROVEMENT CONTRACTS
PROJECTS INVOLVING IMPROVEMENTS,
EXTENSIONS AND ADDITIONAL CAPACITY

Developer Customer Contracts

7. A Resolution awarding a construction contract to Thyssen-Laughlin, Inc. in an amount not to exceed \$2,180,362.57 in connection with the Westpointe West Off-Site Sewer Extension – Phase I Project; approving a contract between the System, Thyssen-Laughlin, Inc. and Meritage Homes of Texas, LLC for the project work; authorizing the expenditure of funds in the amount of \$1,211,409.44 for the System's proportionate share of the project work payable to Thyssen-Laughlin, Inc. and the expenditure of funds in the amount of \$121,140.94 for the System's proportionate share of the engineering design fees payable to Meritage Homes of Texas, LLC.
(ANDREA BEYMER – TRACEY LEHMANN)
8. A Resolution awarding a construction contract to R.L. Jones, LP in an amount not to exceed \$447,475.00 in connection with the Palo Alto Trails II 16-Inch Oversize Approach Main (8-Inch Required) Project; approving a contract between the System, Century Land Holdings II, LLC and R.L. Jones, LP for the project work; authorizing the expenditure of funds in the amount of \$161,523.11 for the System's proportionate share of the project work payable to R.L. Jones, LP and the expenditure of funds in the amount of \$16,152.31 for the System's proportionate share of the engineering design fees payable to Century Land Holdings II, LLC.
(ANDREA BEYMER – TRACEY LEHMANN)

Water and Sewer Line Improvements

9. A Resolution approving additional funds in an amount not to exceed \$146,742.05 to the existing construction contract with Southland/Renda Joint Venture in connection with the E-19: Seguin Road to Nacogdoches Road – Segment 1 Project.
(ANDREA BEYMER – GAIL HAMRICK-PIGG)

Production, Transmission and Treatment Improvements

10. A Resolution approving Change Order No. 2 in an amount not to exceed \$342,500.00 to the construction contract with S.J. Louis Construction of Texas, Ltd. in connection with the Micron to Anderson Pump Station Phase 2 – 48-inch Water Main Project.
(ANDREA BEYMER – MICHAEL MYERS)

EASEMENT AND REAL PROPERTY

11. A Resolution declaring a public necessity for public use, the acquisition of certain privately owned real property in the City of San Antonio being permanent sewer easements, temporary construction easements, and fee simple property acquisitions for the W-6: Highway 90 to W Military Drive Sewer Main Project in the southwest quadrant of Bexar County, Texas, which property shall be acquired by negotiation and/or condemnation, if necessary, for the public use of the expansion and operation of

the System; requesting that the City Council of the City of San Antonio adopt an ordinance reaffirming and declaring that the project is for a public use and a public necessity exists for the acquisition of the easements and fee simple property, and authorizing the System to take all appropriate action to acquire the property by negotiation and/or condemnation. Property located in: New City Blocks 13975, 15655, 15318, 15323, 15302, 15299, 15286, 15285, 15602, 15589, 15600, 16528, 16531, 13951, and 13962. (NANCY BELINSKY – BRUCE HABY)

12. A Resolution declaring a public necessity for public use, the acquisition of certain privately owned real property in the City of San Antonio being permanent sewer easements and temporary construction easements for the W-1 Leon Creek: Highway 151 to Highway 90 - Lower Segment Project in the southwest quadrant of Bexar County, Texas, which property shall be acquired by negotiation and/or condemnation, if necessary, for the public use of the expansion and operation of the System; requesting that the City Council of the City of San Antonio adopt an ordinance reaffirming and declaring that the project is for a public use and a public necessity exists for the acquisition of the easements and authorizing the System to take all appropriate action to acquire the property by negotiation and/or condemnation. Property located in: New City Blocks 13942, 13951, and 15332. (NANCY BELINSKY – BRUCE HABY)

MISCELLANEOUS ITEMS

13. A Resolution awarding a construction contract to Bartek Construction Co. in an amount not to exceed \$482,738.00 in connection with 2019 Annual Sanitary Sewer Manhole Adjustment, Rehabilitation and Replacement Construction Contract, Package 3. (JEFF HABY – ANNETTE DURON)
14. A Resolution approving additional funds in an amount not to exceed \$271,506.15 to the existing professional services contract with ADS Environmental Services in connection with the Wastewater Flow Metering Services Project.
(ANDREA BEYMER – TRACEY LEHMANN)
15. A Resolution approving the First Amendment to the Wholesale Water Service Contract with the East Central Special Utility District.
(DONOVAN BURTON – DARREN THOMPSON)
16. A Resolution approving the Second Amendment to the Wholesale Water Service Contract with the City of Elmendorf.
(DONOVAN BURTON – DARREN THOMPSON)

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

Mr. Parra made a motion to approve the Consent Agenda Items 6 – 16. Ms. Jasso seconded the motion.

Consent Agenda Items 6 – 16 were unanimously approved. Verbal voting. Mayor Nirenberg was not present for the vote, and Ms. Hardberger did not vote.

ITEMS FOR INDIVIDUAL CONSIDERATION

CAPITAL IMPROVEMENT CONTRACTS

PROJECTS INVOLVING IMPROVEMENTS, EXTENSIONS AND ADDITIONAL CAPACITY

Developer Customer Contracts

- 17. 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)**

No.	Tract Name	Developer	Acres	W EDUs	WW EDUs	CoSA / CoSA ETJ / Outside	EARZ / CZ	JBSA	Board Reason	W CCN	WW CCN
1	Elmac Tract	Elmac Ltd	42.30	200	200	CoSA	INSIDE	Y	OVR	INSIDE	INSIDE
2	Stolte Tract	Hugo Stolte	241.00	670	655	CoSA ETJ	OUTSIDE	N	OVR	INSIDE	INSIDE
3	Fischer Road Subdivision Tract	HK Real Estate Development, LLC	225.00	1,434	1,350	CoSA ETJ	OUTSIDE	Y	CCN	OUTSIDE	INSIDE
4	Cuisine Solutions Tract	Brooks Development Authority	23.70	900	900	CoSA	OUTSIDE	N	CCN	OUTSIDE	INSIDE
5	Chavaneaux Place Subdivision Tract	HK Real Estate Development, LLC	92.17	606	550	CoSA	OUTSIDE	N	OVR	INSIDE	INSIDE
6	Morgan's Camp Tract	Gordon Hartman Family Foundation	117.66	108	83	CoSA ETJ	INSIDE	N	OVR	INSIDE	INSIDE
7	Falcon Landing East	KB Home Lone Star, Inc.	271	1575	1500	CoSA ETJ	OUTSIDE	N	OVR	INSIDE	INSIDE
Total			1,012.83	5,493	5,238						

Tracey Lehmann presented Item 17, approval of Utility Service Agreements (USA). There were seven USAs throughout the City of San Antonio and service area, and included residential, commercial, and mixed use developments.

The Elmac Tract was a mixed use development off IH-10 on the northwest side along Hauerman Road. The developer was requesting 200 water and wastewater equivalent dwelling units (EDU). The tract was within the five-mile radius of Camp Bullis as well as within the Edwards Aquifer recharge zone. There was an oversizing requirement for the wastewater main. For water, the developer would connect to a 20-inch water main and create a loop within the tract along Hauerman Road. For wastewater, the developer would connect up to 35 EDUs into an existing 8-inch sewer main. The main tied into an existing lift station. SAWS would partner with the developer to oversize and construct a 15-inch main to eliminate the lift station.

The Stolte Tract was a 241-acre residential development off of Talley Road. The developer was requesting 670 water and 655 wastewater EDUs. For water, the developer would extend a 16-inch water main along Talley Road, and SAWS would participate in the oversizing of the water main. For wastewater, the developer would extend a sewer main through the center of the tract, and SAWS would also participate in the oversizing of the sewer main.

The Fischer Road Subdivision Tract was a 225-acre residential development on the southwest side of San Antonio off of Fischer Road. The developer was requesting 1,434 water and 1,350 wastewater EDUs. The majority of the tract was inside SAWS water CCN, but a little less than half was with the Atascosa Rural Water Supply Company's CCN. The tract was within the five-mile radius of military bases. For water, the developer would connect to the 16-inch water main along Fischer Road. For wastewater, the developer would connect to the Medina River Sewer Outfall.

The Cuisine Solutions Tract was at Brooks City-Base, and was a commercial development outside of SAWS water CCN. The developer was requesting 900 water and wastewater EDUs, and would be one of the top 30 water users of the system. The developer would extend a 12-inch water main, and would eliminate the existing on-site infrastructure left over from the military base. For wastewater, there was an existing sewer main for service.

The Chavaneaux Place Tract was a 92-acre residential development off of Southeast Loop 410 and north of Mitchell Lake. The developer was requesting 606 water and 550 wastewater EDUs. There was an oversizing requirement for both water and wastewater for this development. For water, SAWS would partner with the developer to oversize the water main to complete the loop along Chavaneaux Road, and the developer would extend the water main within the tract. For wastewater, SAWS would participate with the oversizing to a 12-inch wastewater main going to the south. The extension would eventually allow SAWS to offline the Police Academy lift station. The developer would connect to the Mission Del Lago lift station, but this would also be eliminated with the Mission Del Lago Sewer Outfall and go all the way down to the Medina River Sewer Outfall.

The Morgan's Camp Tract was a 117-acre commercial development on the northeast side of San Antonio. The developer was requesting 108 water and 83 wastewater EDUs. The development was over the recharge zone and included an oversizing requirement for water. For water, the developer would connect to an existing water main on the east side, and SAWS would participate with the oversizing of a 12-inch water main to the center of the tract. For wastewater, the developer had two options. The developer could connect to an existing wastewater main to the east of the tract, or connect to a proposed sewer extension to the south.

The Falcon Landing East Tract was a 271-acre residential development. The developer was requesting 1,575 water and 1,500 wastewater EDUs. The tract was within SAWS CCNs, and included a 30-inch sewer oversizing requirement. For water, the developer would connect to existing 24-inch and 16-inch water mains making a loop system, and would extend the main for future looping to the south and west. For sewer, the developer would be required to oversize a portion of the main to a 30-inch sewer main and connect to a planned 36-inch gravity sewer main. In the event the lower 36-inch section was not constructed by the time the developer needed the line, the developer would be required to submit for a new USA to add the additional infrastructure.

Staff recommended approval of the seven USAs.

Ms. Jasso made a motion to approve Item 17. Mr. Parra seconded the motion.

After no further discussion, Item 17 was unanimously approved. Electronic voting. Mayor Nirenberg was not present for the vote, and Ms. Hardberger did not vote.

- 18. A Resolution approving a service area agreement between the San Antonio Water System, Continental Homes of Texas, L.P., TAW Properties, Ltd., and South Central Water Company regarding areas to be served by the San Antonio Water System and South Central Water Company; approving the filing of a petition with the Public Utilities Commission of Texas for approval of the service area agreement. (ANDREA BEYMER – TRACEY LEHMANN)**

Mr. Lehmann presented Item 18, approval of the Wastewater CCN Amendment in regards to the Continental Property and TAW Property Tracts. The two properties were located on the northeast side of San Antonio at the Bexar County line, and the developer was requesting 190 wastewater EDUs. He reviewed area maps of the tracts located north of 410 and within Comal County. The Continental Property Tract was a residential development within the Edwards Aquifer recharge zone, and the TAW Property Tract was along 281 and within the contributing zone. SAWS wastewater CCN extends to the extraterritorial jurisdiction (ETJ) with the City. The South Central Water Company's (SCWC) CCN went to the ETJ, and SAWS gave a portion of the CCN within the ETJ to the SCWC in 2016. Staff was requesting approval for a dual CCN to build a force main lift station and several downstream improvements to serve the tracts. For water, SAWS CCN did not go to the ETJ in this area, but only went to the Bexar County line. The properties would receive water service from Canyon Lake Water Company. If SAWS were to serve this area for sewer, billing would have to be a partnership with Canyon Lake Water Company or rely on standard meter wastewater service charges instead of actual usage. There was significant downstream infrastructure required to serve the development for both the developer and for SAWS. The developer requested wastewater service from a nearby treatment plan operated by the SCWC. He discussed the infrastructure needed to connect to SAWS existing system. In the far north, a lift station and force main would be required to connect into the existing system. To the south, the E-54 project would eliminate three lift stations along Evans Road as well as offset a Consent Decree requirement to construct the upper portion of the E-54 project. Staff would like to push that project off at this time. The dual CCN in the area would allow the SCWC to serve and would allow SAWS to push the E-54 project off a little bit longer.

Staff recommended that SAWS allow the SCWC to serve the tracts, agree to the dual CCN, and allow the developer to request exclusive service through the SCWC. The approved resolution would approve a service agreement with Continental Homes of Texas, LP, TAW Properties, Ltd., and the SCWC for a dual CCN; approve the filing of a petition with the Public Utilities Commission of Texas for approval of the service agreement; and approve the recommendation to the City of San Antonio to consent to a CCN Amendment filed by the SCWC consistent with the service agreement.

Ms. Merritt made a motion to approve Item 18. Mr. McGee seconded the motion.

Ms. Jasso inquired about the lift station that would be built and the elimination of three other lift stations. Mr. Lehmann replied the developer would be funding the lift station force main system. SAWS would participate with the downstream improvements, since the improvements would be oversizing projects. SAWS would build the E-54 project to eliminate the three lift stations over the recharge zone. Phase 2 of the E-54 project would be delayed.

Mr. Parra asked for clarification that staff's recommendation was to allow SCWC to serve the tracts. Mr. Lehmann confirmed. The SCWC would serve and would be the purveyor for that area with the dual CCN. If SAWS wanted to take over or needed to take over for any reason in the future, SAWS would already have an existing CCN.

Mr. Parra stated that SAWS would not have to make this capital expense right now. Mr. Lehmann confirmed.

After no further discussion, Item 18 was unanimously approved. Electronic voting. Mayor Nirenberg was not present for the vote, and Ms. Hardberger voted verbally in favor of Item 18.

REPLACEMENT AND ADJUSTMENT PROJECTS

Governmental Relocations and Replacements

- 19. A Resolution approving an Interlocal Agreement with the Port Authority of San Antonio; authorizing the expenditure of funds in an amount not to exceed \$4,100,000.00 for the adjustment and installation of water, sewer and recycled water facilities by the City of San Antonio in connection with the Port San Antonio Drainage Channel Project. (ANDREA BEYMER – GAIL HAMRICK-PIGG)**

Gail Hamrick-Pigg presented Item 19, approval of an Interlocal Agreement with the Port Authority of San Antonio for the Port San Antonio Drainage Channel Project. The project would expand the drainage infrastructure in Port San Antonio to add additional capacity and reduce the risk of flooding. The project was a 2017 bond project for the City. SAWS lift stations in the area would be in conflict with the proposed drainage channel. The project would provide an opportunity to design a gravity main that would allow the lift stations to be eliminated. These lift stations were listed on the Consent Decree.

She reviewed the alignment of the proposed gravity main along Berman Road that extend up about 500 feet north of General Hudnell Drive. There were four lift stations that would be eliminated as part of the project. The main would also improve the capacity for Port SA without adding any new lift stations. The project included the adjustment of water and recycled mains at no cost to SAWS, since the project was part of the City's bond program.

Staff recommended the execution of the Interlocal Agreement between SAWS and Port Authority of San Antonio, and authorization of expenditures in the amount not to exceed \$4.1 million for design and construction.

Ms. Jasso made a motion to approve Item 19. Mr. Parra seconded the motion.

Mr. Parra commented on the elimination of a lift station, and the costs needed to operate, maintain and repair lift stations. He asked if there was a way to show how much would be saved with the elimination of a lift station. Ms. Hamrick-Pigg responded that a life cycle analysis was done to develop the project and determine whether to go forward.

After no further discussion, Item 19 was unanimously approved. Electronic voting. Mayor Nirenberg was not present for the vote, and Ms. Hardberger voted verbally in favor of Item 19.

MISCELLANEOUS ITEMS

20. A Resolution adopting the Board approved threshold of \$100,000.00 for the Purchasing and Contracting Policy. (NANCY BELINSKY – PHILIP CAMPOS)

Philip Campos presented Item 20, and reported the results of a 12-month pilot period for Board approval threshold of \$100,000. The Board approved an amendment to the Purchasing and Contracting Policy in March 2018. At that time, the Board increased the Board approval threshold from \$50,000 to \$100,000, authorized staff to approve recapitulation change orders for closing construction contracts in excess of \$100,000, authorized staff to develop the selection criteria for alternative delivery construction projects on a case-by-case basis, and incorporated the latest statutory changes to the policy as well as standardized the terms and the general flow of the policy. While the approval amounts or threshold limits were not defined in the Texas statutes, SAWS was using the threshold of \$50,000 for contracts that needed Board approval and presented professional service amendments of any amount for Board consideration.

In March 2018, the Board approved a 12-month pilot period for the increased threshold to \$100,000. Staff ensured that all state statute procurement requirements were followed for these items. In addition, staff provided the Board semi-annual reports on all the individual items approved. During the past 12 months, the purchasing department was able to award 61 contracts on average 42 days sooner than the prior Board process with an average contract amount of just over \$73,000. Again, all the procurement requirements were followed in accordance with state statutes. Also during the past 12 months, 23 professional contracts were amended with an average amount of just over \$32,000. These amendments were made to contracts that were previously approved by the Board.

He discussed a summary of the Board approval process that illustrated the number of departments involved and the various tasks performed. With the raised approval threshold, tasks were eliminated for these small contract awards, thus, creating an efficiency for the departments involved. Efficiencies such as this have deferred the need for additional staff to handle increased workloads. Continuing the Board approval threshold would continue the efficiencies gained over the past year while assuring the Board that all required procurement steps were performed. As reported in the summary, these were relatively small dollars that were involved in the contract awards and amendments, and 24.3 percent of the contract awards were for small and minority businesses. With this quicker process, staff had seen quicker delivery of goods and services that had resulted in quicker payments to vendors.

Staff recommended permanently adopting the Board approval threshold of \$100,000 and the continuation of semi-annual reporting to the Board.

Ms. Merritt made a motion to approve Item 20. Mr. McGee seconded the motion.

Mr. McGee asked what assurance would the Board have that this was the best price on the contracts. Mr. Campos replied that through all of these procurements, staff still did the competitive method of procurement and followed all state statutes. The process was just eliminating the Board approval. Staff would continue to provide the semi-annual report of all the things that were approved.

Ms. Jasso inquired about the percentage to small minority business, and whether it had increased from prior years. Mr. Campos responded that because this was new a new process, there was nothing to compare to. The regular award percentage was closer to 35 to 40 percent overall.

Ms. Jasso inquired about the City of San Antonio's required percentage. Marisol Robles replied the City of San Antonio had segmented goals, meaning an overall goal per industry. For Purchasing, SAWS had the goal of 19 percent, but the City of San Antonio had a segmented goal for African-American, for Hispanic and for Women. The City's program was very different from SAWS.

After no further discussion, Item 20 was unanimously approved. Electronic voting. Mayor Nirenberg was not present for the vote, and Ms. Hardberger voted verbally in favor of Item 20.

21. BRIEFING SESSION.

A. Briefing and deliberation regarding the Vista Ridge Project

Donovan Burton provided an update on the Vista Ridge Project. He reviewed a map of the construction progress that showed the pipeline was over 80 percent installed. The high service pump station was almost 70 percent, the intermediate pump stations were well over 50 percent, and the cathodic protection process was starting.

He discussed the cathodic protection for the pipeline. When the change of control went to Garney, one of the things that was added was the impressed current cathodic protection to make the pipe last longer. Pipe buried underground would eventually start to corrode, rust and oxidize. A cathodic protection system would be needed to prevent that from happening and would serve as a back-up to the pipes coating. The cathodic protection would utilize sacrificial metal anodes. The anodes would take the corrosion instead of the pipe. The impressed current was a constant stream of electrons to buried components called rectifiers that would provide cathodic protection to the pipe. The project company would design and install the cathodic protection, and SAWS would provide the electrical service to the rectifiers. The rectifiers were about every two to three miles. SAWS was working with four different electrical providers, CPS Energy, GVEC, Bluebonnet, and NBU.

The Vista Ridge Project was 50,000 acre-feet of water per year. Water made available was essentially an accounting system to manage the Vista Ridge water delivery and payments. Ultimately, this accounting system would track the amount of water provided by the project company. The WTPA assumed certain issues could arise in the process that could affect the

amount of water provided. The 50,000 acre-feet per year was actually 137 acre-feet per day. With the assumed unexcused shortfalls, the project company could earn make-up units equal to 3,000 acre-feet per year to make up for any shortfalls during the year. During the months of March through October, the project company could produce up to 149.2 acre-feet per day. The operator, EPCOR, would use a spreadsheet to account for the water made available, any delivery shortfalls, and make-up units earned and/or applied throughout the year. He walked through a couple of examples to show how the spreadsheet would be used to account for water delivered.

Mr. Puente commented on the concept of water made available and the different scenarios that could happen. He recognized Marty Jones for coming up with the system to account for all of the different scenarios, and thanked Marty for his involvements in the project.

Chairman Guerra inquired about the use of the 3,000 acre-feet per year to bring the water delivered to 50,000 acre-feet. Mr. Burton replied the 3,000 acre-feet could only be used during excused shortfalls.

Mr. McGee commented on the spreadsheets and asked whether Doug Evanson and Stacey Isenberg were consulted on the accounting process from an audit risk management and business standpoint. Mr. Burton replied Mr. Evanson had been a part of the system and staff would make sure Ms. Isenberg was brought into the system as well.

Mr. McGee stated the Audit Committee would be interested in tracking as well. Mr. Burton confirmed.

Mr. McGee inquired about the maximum delivery capacity for the pipeline. Mr. Jones stated the maximum was 52 MGD through the pipeline. Mr. Evanson added that was about 160 acre-feet per day. Mr. Burton stated there were other limitations. For example, the well field could only produce a certain amount from each well and there were permit issues as well.

Ms. Hardberger asked about the capacity at terminus and how that would be communicated. Mr. Jones responded the terminus site was designed to handle the 52 MGD or the 160-plus acre-feet daily. There were some safeguards built in that the project company could only deliver these make-up units during the summer months or between March and October when demand was up. There may be times when the project company wants to deliver extra units and make up some shortfalls when there had been a full week of rainfall. If SAWS was not able to take the water, this would be a demand shortfall. The water made available system would keep track of the shortfalls, and the goal was for the project company to be whole at the end of the year. The 3,000 make-up units would carrying over from year to year. If the project company used some of those during the year, they were allowed to recharge and bring the amount back up to 3,000 make-up units.

Ms. Jasso inquired about the different responsibilities for the cathodic protection. Mr. Burton replied the project company would maintain and monitor the system. SAWS would pay the electric bill, and the electrical bill for one of the rectifiers was minimal. There were about 48 rectifiers throughout the entire system.

Ms. Merritt asked about the average lifetime of the pipe and how much longer the cathodic protection would add to the lifetime. Mr. Jones the pipeline was designed to last anywhere

around 40, 50 years, and that did not necessarily mean that in 50 years the whole pipeline had to be replaced. This would be about the time some point repairs would be needed on failures of the coating and the joints. The cathodic protection was an absolutely necessary tool to make sure the pipe would last as long as it was designed to last.

Ms. Merritt asked if cathodic protection had been used in other places to verify that it actually would extend the lifetime of the pipe. Mr. Jones responded that SAWS used cathodic protection all over the system.

B. Briefing and deliberation regarding the Five-Year Water Conservation Plan

Karen Guz provided a briefing for the Five-Year Conservation Plan. The plan had been drafted and was posted to SAWS website for feedback from stakeholders and the general public. Both the Texas Commission on Environmental Quality (TCEQ) and the Texas Water Development Board (TWDB) required most utilities in Texas to submit conservation plans every five years. The deadline to submit the plan for both agencies was May 1. Part of the process to be administratively complete was to bring the plan to the Board for approval. Today started the beginning of the public feedback, and staff would bring the item to the Board in April for consideration. The plan included information required by the state regarding the system, water use, conservation programs, drought plan, and rate structure.

She discussed some of the highlighting of the plan and the culture of water conservation in San Antonio. Water conservation was a way of life in San Antonio for over 20 years. The plan discussed how water was used today, how it changed over the years, what things had been effective, and what general strategies were planned. The plan evaluated the programs, the measure of success annually, and the trends over time. One of the key messages was that over the years water conservation saved a trillion gallons of water for the community. This was a great story for San Antonio, and staff was confident that the ambitious goals set in the 2017 Water Management Plan were realistic. In fact, some records for water conservation were set in 2018, with 1.3 billion gallons of documented savings from customer participation and over 200,000 participants in education activities. At the same time, programs like the Landscape Coupons and Irrigation Consultations went gangbusters in 2018, and the number of low income households who were assisted through Plumbers to People nearly doubled.

She reviewed charts that reflect the number of bills and consumption broken down by the eight billing tiers charged to customers in 2018. She directed the Board's attention to the 32 percent noted on the first chart for the number of bills. The 32 percent of the bills paid to SAWS were under 3,000 gallons of water a month. Tier 2 was under 5,000 gallons a month. Adding those two tiers together accounted for about 50 percent of the bills that were paid in 2018 were under 5,000 gallons a month. Those numbers were a little different every year depending on the weather. Looking at the other end, only three percent of the bills came in over 20,000 gallons a month. Customers in San Antonio paid attention to weather and changed their water use habits accordingly. To no surprise, the low use customers accounted for a lower amount of the volume of water sold versus the higher use customers, but a message in the plan was that there were conservation programs to help every customer wherever they fell in the chart. Another interesting thing was that two-thirds of the families in San Antonio had used at least one conservation program.

She reviewed some of the key focus areas to become more efficient and offer a better

experience to the customers. In the last two years, conservation and IS staff worked to develop a new program management platform for conservation. This platform enabled staff to process applications at record speed compared to before, increase engagement through more targeted program marketing, personally communicate more with customers, and provide electronic coupons. Staff was working to develop other new tools to include conservation programs on the customer account portal and making information available through text messaging. Staff recruited over 30,000 households into at least one of the Uplift assistance programs. Plumbers to People was the first program at SAWS and provided emergency funding assistance relief for people who qualified. With the new tools, staff was analyzing water use of Uplift households based on family size to determine if a leak was developing. By reaching out to the customer proactively, staff found an 85 percent accuracy predicting which households had a leak before the customer hit a crisis. The WaterSmart monthly reports helped customers save water and the customer liked the personalized monthly reports. Conservation staff and the Uplift team were working to make sure customers who needed help were reached, and were developing better metrics to assess the water efficiency for people who may struggle economically. The water saver landscape coupons was a program that appealed to everyone, and was a focused conservation strategy to prepare for drought years through landscaping transformation. Garden Style San Antonio was designed to show how to landscape different styles. Coming next were new ways to get information to people on Garden Style San Antonio through major upgrades to the website. Participation in the Climate Action Plan's Water and Natural Resources Meeting included discussion about co-benefits to resilient landscapes. San Antonio committed to being a city that supports pollinators. There were landscape transformations for water quality reasons, but another reason emerging was that water saver landscapes mitigate more carbon and generate healthier soils.

Teams in conservation and communication to include the Uplift team were out in the community working with kids from very young all the way up to high school. Community events targeted activities to educate the community on conservation.

The 2017 Water Management Plan provided a per capita long-term forecast. The results for 2018 were not yet available, but it could be about 115 due to the weather. This could go up another year when it's extremely dry, but the important thing was the long-term trend going down. SAWS had invested successfully in diversifying the water supplies, but would not slow down on water conservation investments. In the 2017 Water Management Plan, conservation was still front and center. SAWS would continue to invest in conservation and planned to do so in the future for decades to come.

She reviewed the timeline for the Five-Year Conservation Plan to include public comment. The draft plan was available on SAWS website and any comments were due by March 26. Staff would bring the plan with any comments received to the Board for approval in April. The plan would be provided to both TCEQ and TWDB by first of May. Staff would also submit the plan for the Gold Star recognition by the Water Conservation Advisory Council. The Gold Star program was created to recognize conservation plans that went above and beyond what was required.

She reported on Spring Bloom that was held the past Saturday. SAWS hosted about 2,000 people at Spring Bloom to kick off the gardening season and to educate the public about Garden Style San Antonio. Many organizations showed up to help educate all of these

people along with conservation staff. This year, educational presentations were moved to the cafeteria. There were three presentations, and all of them were packed with people to learn more about how to do Garden Style San Antonio.

Ms. Hardberger thanked Ms. Guz and conservation staff for their continued efforts to make sure that water was used in a way that's reflective of its importance. She asked if there were programs for new development. Ms. Guz responded that a position had been recently added to the conservation department to focus on working with builders and developers on education and incentives. There were a lot of things already in San Antonio's Ordinance about new development. The new position would interact with the builders to make sure they were doing all of those things. Some of the items included drought tolerance grass, soil into the grass, and EPA Water Sense fixtures. The next focus would be to see more Garden Style San Antonio, maybe less grass, and some new technology for flow sensors and better irrigation controls in new homes.

Ms. Hardberger commented that it made sense for SAWS to partner with builder groups to understand the business side regarding sprinkler systems, and for new residents to immediately start to learn SAWS conservation ethic. Ms. Guz stated she wholeheartedly agreed. She was excited about getting this person started so they could be part of all of the conversations to move to the next level of water efficiency in new homes.

Mayor Nirenberg asked about the one trillion gallons saved, and if that was total water saved since the conservation plan went into effect. Ms. Guz explained the one trillion gallons was the amount of additional water that would be needed today if the per capita were as high as it was 20 years ago.

Mayor Nirenberg asked how the one trillion gallons translated to acre-feet. Ms. Guz replied staff had estimated it at about 150,000 acre-feet because it was several more Vista Ridge Projects that would be needed today if the per capita demand had not been reduced.

Mayor Nirenberg commented that the gallons saved would be helpful as just an illustration to the community about conservation in general. If staff could get sort of a sense of how much that would cost as a system, but also how much it would cost the average ratepayer to purchase that 150,000 acre-feet of water. Ms. Guz confirmed.

Mr. Puente added that for the water that was not used, it was not treated. SAWS closed one of the wastewater treatment plants and new treatment plants were not built, which was a tremendous amount of capital and O&M savings. Mayor Nirenberg commented that SAWS maintained one of the lowest rates among its peers as a publicly owned utility, and that revenue went back into the system to keep it running smoothly.

Mr. McGee asked for an elevator speech on the conservation plan. Ms. Guz responded that the drivers of conservation in San Antonio had historically been population growth, water regulation, and being in a drought prone region. Those drivers had not changed in 20 years and were still true today. SAWS had every reason to continue the success in water conservation as a cost effective strategy for an integrated water management plan.

Mr. Parra commented on a conservation article on the website that not only suggested what plants to buy, but also connected the coupons for the plants. He thanked Ms. Guz for going

the extra mile and provided useful information. Ms. Guz stated she couldn't say enough about the people in the conservation department who were passionate about every program offered. Staff developed a beautiful website, Garden Style San Antonio. Spring Bloom had been a great event, and staff continued to make it better for the public.

Chairman Guerra thanked staff for a great job. He stated he drove by when the 2,000 people were at SAWS, and he was blown away by the city's interest.

C. Briefing and deliberation regarding the Sanitary Sewer Overflow Reduction Program

Jeff Haby provided an update on the Sanitary Sewer Overflow (SSO) Reduction Program. In 2018, SAWS ended with 259 SSOs. The rain in September added about 60 SSOs, and was the wettest September on record, the third wettest month on record. He reviewed a graph that represented the SSOs from 2009 to 2017. Last year had been one of the best years for causes other than rain events related SSOs.

In January 2018, the Capacity & Condition Assessment Report was submitted. The report identified the challenges from a condition perspective. Staff took those specific issues and looked at alternative analysis for all the possible solutions. In January 2019, the Capacity & Condition Remedial Measures Plans were submitted based upon 30 percent designs. The Remedial Measures Plans made the financial commitment to EPA and TCEQ on how SAWS would address the condition and capacity issues. Ongoing efforts continued on CMOM that included condition, capacity, and care of the system with best management practices. About 270 miles of condition work had been completed and about 115 miles remained. He discussed an illustration of a capacity constraint. A capacity constraint was basically when the pipe could not handle all the flow and it had to come out somewhere. There was about 67.5 miles of capacity work remaining. There were 43 public notices last year, and 42 of those 43 public notices had a related project in the Capacity Remedial Measures Plan.

Last month, the Board approved the award of design for the W-6 project. This project went through Lackland Air Force and back to Kelly Air Force Base. In October, staff made the decision to go around the base due to some environmental challenges that put a kink in the schedule for the Consent Decree. Originally, the W-6 project was an Early Action Project to be completed by July of this year. Because of some complications with easement issues, the project was delayed. This delay put a hold on other projects upstream, W-1, W-9 and W-52. Staff anticipated the design for W-6 to be completed next year, and the project to bid for construction in early 2020. W-6 would take about four to five years to construct. The W-1 project had been on hold. Due to a severe capacity constraint, the W-1 project would start construction this year. The W-9 and W-52 projects would be delayed until the W-6 and W-1 projects were complete. Staff made a formal request to the EPA for an additional two years on the Consent Decree to allow staff to address easement challenges on the large diameter pipes for the W-6 and W-1 projects. This would allow the W-9 and W-52 projects to be completed by July of 2027. Even with the requested two-year extension, about 99 percent of the planned projects would be completed by July of 2025.

The original cost forecast for the SSO Program was about \$840 million. The updated cost forecast based upon the 30 percent designs was about \$1.2 billion. In January, the Remedial Measures Plans were submitted to the EPA. This was a tremendous effort across SAWS

over the five-and-a-half years after the lodging of the Consent Decree. He thanked the different groups involved and the Board for their support.

Chairman Guerra asked if the original contract deadline was for 2023 to finish the projects. Mr. Haby responded that the large diameter projects had until 2025.

Chairman Guerra asked if the EPA agreed to add two years after the large diameter projects. Mr. Haby stated the EPA was reviewing the request that staff presented in December. The EPA was amenable to it. The request was for two projects and not an extension of the entire Consent Decree.

Chairman Guerra inquired about the forecast on SSOs after the entire project was finished. Mr. Haby referenced Mr. Clouse's statement to be about two SSOs per 100 miles. Currently, the system was running between four and five SSOs per 100 miles, and a high performing organization was below four per 100 miles.

Mayor Nirenberg commented on the significant increase in the costs forecast, and asked if the original cost projection was in future dollars. Mr. Haby replied no, it was in 2012 dollars. Some of the additional costs was related to the W-6 project.

Mayor Nirenberg stated that he wanted to make it abundantly clear that these were not discretionary funds. SAWS was required to do that under certain conditions in a certain period of time by the federal government. Mr. Haby confirmed and commented that SAWS was a better organization because of the Consent Decree. It put a lot of best practices in place, not only on the SSO reduction side but purely in project management with better data management.

Mr. McGee asked for some details on the 40 percent increase and the difference of costs. Mr. Haby confirmed and stated the original estimate of \$840 million for the Consent Decree was before all the facts were known. The costs were based on how much work staff thought would have to be done at that time.

22. President/Chief Executive Officer's Report.

A. SAWS 2018 Accomplishments

Mr. Puente introduced a video of SAWS accomplishments for 2018. He stated that 2018, as every year, was a challenge for SAWS, but that staff met a lot of those challenges. SAWS 2018 Accomplishments video was played.

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

None

At this point in the meeting, an Executive Session was held. The time was 11:07 a.m. Mr. Parra recused himself from executive session Item 25A. Mayor Nirenberg and Ms. Hardberger left the meeting and did not participate in executive session.

24. The Regular Session of the March 12, 2019, 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.

25. **EXECUTIVE SESSION.**

A. Consultation with attorneys regarding legal matters related to Cause No.2018CI05898, Daniel Nishihara, et al. v. CDM Smith Inc. F/K/A Camp Dresser & McKee Inc., et al., in the 285th Judicial District Court, Bexar County, Texas pursuant to Texas Government Code §551.071.

B. 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.

26. The Regular Session of the Regular Board Meeting of March 12, 2019, is hereby reconvened.

The meeting reconvened at 11:46 a.m. The Chairman stated that no decisions were made in Executive Session.

27. **Adjournment. THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES MEETING OF MARCH 12, 2019, IS HEREBY ADJOURNED.**

The San Antonio Water System Board of Trustees Meeting of March 12, 2019, adjourned at 11:46 a.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

Board Action Date: May 7, 2019

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

	This Board Meeting		Year-to-Date	
	Number of Contracts	Estimated Amount (SMWB)	Number of Contracts	Estimated Amount (SMWB)
A. Award of New One Time Purchases of Materials, Equipment or Services	7	1,405,853.75	9	1,650,593.75
		602,590.40	2	602,590.40
B. Award of New and Renewal of Annual Goods & Services Requirements Contracts and Maintenance Agreements	6	3,994,074.22	14	7,581,934.45
	13	5,399,927.97	23	9,232,528.20
		<u>873,845.69</u>		<u>1,354,248.70</u>

SMWB Purchasing Contracts (percentage) 23.08% 16.18% 21.74% 14.67%

Yvonne C. Jones
 Yvonne C. Torres, Director
 Purchasing Division

Approved: *Robert R. Puente*
 Robert R. Puente
 President/Chief Executive Officer

Reviewed: *Marisol V. Robles*
 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, that certain contracts be awarded, and that 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 7th day of May, 2019

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.

A.	VENDOR	DESCRIPTION	ITEM NO(s).	ESTIMATED		REMARKS
				TOTAL	PURCHASES	
1.	CB Solutions, LP (SBE)	One Time Purchase of Endress & Hauser 91 Series and 93 Series Clamp on Meters Bid No. 19-19013	All	\$ 178,870.40		This is a one time purchase of Endress & Hauser 91 Series and 93 Series Clamp on Meters for the Instrumentation and Controls Department. This purchase is to replace antiquated and inoperable meters that are in place at the production sites throughout the city.
2.	Elliott Electric Supply, Inc.	One Time Purchase of Heat Sink Coolers that will be utilized for the Electrical and Instrumentation Sealed Enclosures Bid No. 19-19012A	All	\$ 108,605.00		This is a one time purchase of Heat Sink Cooler Panel Units for the Electrical and Instrumentation Department. These products are passive sealed enclosure cooler designed for high performance heat sinks for System facilities.
3.	Beamex, Inc.	One Time Purchase of a High Accuracy Field Calibrators and Communicators (Single Source) Bid No. 19-19011	All	\$ 142,279.00		This is a one time purchase of high accuracy field calibrators and communicators. This item is used by the Instrumentation and Controls Department at various locations to perform preventative and corrective maintenance on our pressure and tank level instruments that provide vital information for the operation of our water system.

DIRECTOR Comments

Bid No. 19-19011 solicited bids for the purchase of Beamex high accuracy field calibrators and communicators to be used by the Instrumentation & Controls department. The MC-6 is one device with five different operational modes, making it fast and easy to use in the field. It communicates with

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.

A.	VENDOR	DESCRIPTION	ITEM NO(s)	ESTIMATED		REMARKS
				TOTAL	PURCHASES	
						Beamex CMX calibration software enabling fully automated and paperless calibration and documentation. The calibrators will be used to perform preventative and corrective maintenance on our pressure and tank level instruments that provide vital information for the operation of our water system. It offers calibration capabilities for pressure, temperature and various electrical signals. The integrated modules allow our technicians to carry one piece of equipment instead of three. Seven vendors were invited to bid, and bid notices were sent out to an additional 63 vendors. Only one bid was received from Beamex, Inc. We also received two "no bids" stating they not sell the items requested. This is a new requirement for this type of equipment and no history was available for bidding. Recommend Award.
4.	Ancira Enterprises, Inc. (MBE)	One Time Purchase of eighteen (18) each 6,300 GVWR (minimum) 4x2 wide and short bed (no outside fenders) extended, club, double, super cab pickup trucks Bid No. 19-19016	A	\$	423,720.00	These units are part of the 2019 vehicle equipment replacement program and will be assigned to System locations.

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

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.

A.	VENDOR	DESCRIPTION	ITEM NO(s).	ESTIMATED TOTAL PURCHASES	REMARKS
5.	Gunn Chevrolet, Ltd.	One Time Purchase of nine (9) each 6,300 GVWR (minimum) 4x4 wide and short bed (no outside fenders) extended, club, double, super cab pickup trucks Bid No. 19-19016	C	\$ 250,597.35 Items B, D & E Awarded Informally	These units are part of the 2019 vehicle equipment replacement program and will be assigned to System locations.
6.	Brisk Worldwide, LLC	One Time Purchase of Standby Uninterruptible Power Supply (UPS) Units for Instrumentation Bid No. 19-19032	Group 1	\$ 117,114.00	This is a one time purchase of Uninterruptible Power Supply (UPS) units for instrumentation panels throughout the SAWS facilities. These units are to replace the outdated UPS system lift stations and treatment facilities.
7.	Mission City Electric, Inc.	One Time Purchase of Standby Uninterruptible Power Supply (UPS) Units for Instrumentation Bid No. 19-19032	Group 2	\$ 184,668.00	This is a one time purchase of Uninterruptible Power Supply (UPS) for the purchase and installation of a three phase continuous duty, on-line, double conversion, solid-state UPS Unit for the System. The UPS is a backup for the critical communication and instrumentation to System organization data center and scada.
				<u>\$ 1,405,853.75</u>	

*Indicates vendor is an SMW/B, unless otherwise noted vendor is non minority.

Board Date: May 7, 2019

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.

B.	VENDOR	DESCRIPTION	NO(s).	PURCHASES	REMARKS
1.	McCombs HFC, Ltd. (WBE)	Annual Contract for Ford Captive Service and Competitive Parts Bid No. 19-0387	All	\$ 271,255.29	This is a new contract. This contract will be utilized by the System for the service and repair parts of Ford vehicles on an as needed basis to maintain safe and operating conditions of fleet vehicles. This contract will be effective June 1, 2019 through May 31, 2020. If determined that an extension is favorable the System, price and service considered, the award includes the availability of three (3) additional one-year option to extend as provided for, and approved for in future years budgets.
2.	Gajeske, Inc.	Annual Contract for High Density Polyethylene (HDPE) Pressure Pipe and Tubing for Water Supply Lines Bid No. 19-19007	All	\$ 628,490.75	This is a new contract. This contract will be utilized by the System for the purchase of high density polyethylene (HDPE) pressure pipe and tubing for water supply lines on an as needed basis to be used by maintenance crews for installation and repairs of the System water infrastructure. This contract will be effective Date of Award (May 7, 2019) through May 31, 2020. If determined that an extension is favorable the System, price and service considered, the award includes the availability of three (3) additional one-year option to extend as provided for, and approved for in future years budgets.
3.	DLT Solutions, LLC	Three Year Contract for Appdynamics Pro Edition (Single Source) (DIR-TSO-4054) Bid No. 19-19037-2	All	\$ 183,102.84	This is a Single Source new contract. This contract will be utilized by System as an Application Performance Monitoring (APM) server. It will be used by System to monitor critical applications, such as Infor, to make sure any issues can be easily identified and corrected. This contract will be effective for 36 months from the time the contract is executed.

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

Board Date: May 7, 2019

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.

B.	VENDOR	DESCRIPTION	NO(s).	PURCHASES	REMARKS
DIRECTOR Comments					
					Bid No. 19-19037 solicited DIR quotes for AppDynamics Pro Edition, which is an Application Performance Monitoring server to be used by System to monitor critical applications such as Infor. System has standardized on Cisco for its IT Infrastructure and as part of that technology stack, AppDynamics can uniquely monitor the dynamics between System infrastructure, platforms and applications. Quotes were requested from 25 different DIR resellers. DLT Solutions, Inc. is the single responsible bidder for the Three Year Contract for AppDynamics Pro Edition. . Recommend Award
4.	Airgas	Annual Contract for Single Gas and Multi-Gas Detectors and Accessories Bid No. 19-7030	All	\$ 194,655.34	This is a new contract. This contract will be utilized by System for the purchase of hand-held portable instruments and replacement parts used by System personnel to measure the atmosphere prior to entry into a confined space or where air quality is of interest. This contract will be effective Date of Award (May 7, 2019) through May 6, 2020. If determined that an extension is favorable the System, price and service considered, the award includes the availability of five (5) additional one-year option to extend as provided for, and approved for in future years budgets.
5.	Alterman, Inc.	Best Value Bid for A Licensed Security Company to Provide Maintenance, Repair and Installation of Security Electronic Devices (Single Source) Bid No. 19-14108	All	\$ 400,000.00	This is a Single Source new contract. This contract will be utilized for services of a licensed security company to install, maintain and repair electronic security devices for SAWS facilities. This contract will be effective June 1, 2019 through May 31, 2020. If determined that an extension is favorable the System, price and service considered, the award includes the availability of three (3) additional one-year option to extend as provided for, and approved for in future years budgets.

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

Board Date: May 7, 2019

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.

<u>B.</u>	<u>VENDOR</u>	<u>DESCRIPTION</u>	<u>NO(s).</u>	<u>PURCHASES</u>	<u>REMARKS</u>
					DIRECTOR Comments
					The equipment to be installed, maintained or repaired under this contract consists of video cameras, recorders, alarm contacts, access control devices, enclosures, cabling, conduit and uninterruptible power supplies. The bid required experience with Axis Cameras, Open Option Access Control and Salient Video Management Systems. The Best Value Bid was sent to seven vendors and was posted on SAWS and Demand Star websites. Only two vendors attended the mandatory pre-bid conference. In an effort to increase competition, a second mandatory pre-bid was scheduled and three vendors attended. In total, that gave SAWS four interested bidders. When bids were received we only received one response. One of the other vendors that attended the pre-bid was submitted as a subcontractor to Alterman. Alterman has a satisfactory performance history with SAWS and pricing is reasonable. Recommend Award.
	6 Polydyne, Inc.	Biennial Contract for Polymer Bid No. 19-1107	All	\$ 2,316,570.00	This is a new contract. This contract will be utilized to provide thickening and dewatering polymer. Polymer is used in the wastewater treatment plant for the purpose of thickening and dewatering wastewater sludge. The goal is to remove water and reduce the volume and weight of the sludge in order to minimize hauling and disposal costs. This contract will be effective Date of Award (May 7, 2019) through April 30, 2021. If determined that an extension is favorable to the System, price and service considered, the award includes the availability of five (5) additional one-year options to extend as provided for, and approved for in future years budgets. Each extension includes a maximum 5% escalation if approved by SAWS.
				<u>\$ 3,994,074.22</u>	

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

SAN ANTONIO WATER SYSTEM

P. O. BOX 2449

SAN ANTONIO, TEXAS 78298-2449

TABULATION OF BIDS

PROPOSAL FOR: Purchase of Endress & Hauser 91 Series and 93 Series
Clamp on Meters

TIME & DATE: 3:00 p.m., March 4, 2019

ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY	UNIT	CB Solutions, LP 20811 Dawn Dr. #905 Lago Vista, TX 78645	Cates Control Systems dba Integrity Integration 4001 E. Plano Pkwy, Suite 500 Plano, TX 75074	Instrument 35 Green Mountain Dr. S. Burlington, VT 05403	Technology International, Inc. 1349 South International Pkwy, Suite 2411 Lake Mary, FL 32746
1.	20 ea. Endress & Hauser - Prosonic Flow 91WA1 Clamp on 1 ch/I set - Order Code: 91WA1-AA2D20ACB4Aa	UNIT PRICE TOTAL	3,533.33 70,666.60	4,483.75 89,675.00	4,865.82 97,316.40	5,129.00 102,580.00
2.	20 ea. Endress & Hauser - Prosonic Flow 93WA1 Clamp on 2 ch/I set - Order Code: 93WA4-AA2D00ACBAAA	UNIT PRICE TOTAL	5,260.19 105,203.80	6,465.95 129,319.00	6,983.04 139,660.80	7,322.00 146,440.00
	TOTAL	UNIT PRICE TOTAL	* 175,870.40	218,994.00	236,977.20	249,020.00
	Terms		Net 30 days	Net 30 days	Net 30 days	1/4% 10 days
	Delivery Days					126 days

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

CB Solutions
Eads
Instrumart
Lone Star Int'l
Macaulay Controls Co.
Vector Controls & Automation
Cates Control Systems
Technology International

Demandstar
SAWS Website

SAN ANTONIO WATER SYSTEM

P. O. BOX 2449

SAN ANTONIO, TEXAS 78298-2449

TABULATION OF BIDS

PROPOSAL
FOR:
TIME &
DATE:
ITEM NO.

Purchase of Heat Sink Coolers that will be utilized for
Electrical and Instrumentation Sealed Enclosures

3:00 p.m., March 28, 2019

DESCRIPTION AND APPROXIMATE QUANTITY

ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY	UNIT	PRICE	TOTAL	Elliot Electric Supply 12555 Harris Branch Pkwy Manor, TX 78653	BVA Scientific 231 E. Nakoma San Antonio, TX 78216	Technology International, Inc. 1349 South International Pkwy Suite 2411 Lake Mary, FL 32746	Cates Control Systems dba Integrity Integration Resources 4001 E. Plano Pkwy, Suite 500 Plano, TX 75074	Stafford Electrical Sales 435 FM 1092, B-1 #108 Stafford, TX 77477
1.	35 ea. Advanced Cooling Technologies, HVAC unit, Part # ACT-HSC-45	UNIT PRICE TOTAL	1,245.00 43,575.00	1,352.27 47,329.45					
2.	35 ea. Advanced Cooling Technologies, HVAC unit, Part # ACT-HSC-68	UNIT PRICE TOTAL	1,858.00 65,030.00	2,011.24 70,393.40					
	TOTAL	TOTAL	108,605.00	117,722.85					
	Terms		Net 30 days	Net 30 days			1/4% 10 days	Net 30 days	Net 30 days
	Delivery		12 weeks	84 days			22 weeks		96 days
	*LOW BID								

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

Accu-Aire Mechanical
Air Cantu
Air Kon
Bexar Air
BVA Scientific
Cates Control Systems
Confort Air Engineering

Elliot Electric Supply
Premier Confort Air
Secure Automated
Stafford Electric
Technology International
Tezel & Cotter
Underwoods Heating & Air

Demandstar
SAWS Website

BID NO. 19-19011
CONTRACT FOR ONE-TIME PURCHASE OF HIGH ACCURACY FIELD
CALIBRATORS AND COMMUNICATORS
SINGLE SOURCE

Bid No. 19-19011 solicited bids for the purchase of Beamex high accuracy field calibrators and communicators for the Instrumentation & Controls department. The mc6 calibrator will be used by the I&C department at various locations throughout the city of San Antonio to perform preventative and corrective maintenance on our pressure and tank level instruments that provide vital information for the operation of our water system. It will also allow us to track the maintenance performed to identify possible improvements that need to be made.

The Beamex mc6 calibrators has integrated pressure modules and full hart communication with full trim and calibration capabilities. It does nonlinear testing of multivariable transmitters and also has loop testing capability with a fully programmable ramp and step functions for testing. It has a long life battery (16 hours) and vacuum, absolute, and gauge pressure in the same module. The mc6 calibrator is a higher accuracy calibrator/troubleshooting tool that will allow SAWS to really tune our pressure and tank level instruments.

The integrated modules allow our technicians to carry one piece of equipment instead of three. Full hart communication with full trim and calibration capabilities allows us to begin a preventative maintenance, correct any deficiencies found, then finish the pm while documenting every step taken for a calibration report. Those reports then allow us to track the lifespan of the instrument to identify problems before they become emergencies. Non-linear testing allows us to troubleshoot items that have multiple inputs (pressure, temperature, etc...) in one piece of equipment. Loop testing capability and fully programmable ramp and step functions will allow us to test out control loop reactions by introducing multiple different signals into separate points of the loop.

Beamex, Inc. is the single responsible bidder for the purchase of high accuracy field calibrators and communicators.

Seven vendors were invited to bid, and bid notices were sent out to an additional 63 vendors. Only one bid was received from Beamex, Inc and two no bids. The response of the two no bidders was that they did not sell the items requested. This is a new requirement for this type of equipment and no history was available for bidding.

The bid submitted by Beamex, Inc meets all the requirements of the specification. The award amount is \$142,279.90 for a one-time purchase.

SAN ANTONIO WATER SYSTEM
P. O. BOX 2449
SAN ANTONIO, TEXAS 78298-2449
TABULATION OF BIDS

PROPOSAL

FOR: Purchase of High Accuracy Field Calibrators and Communicator's

TIME &

DATE: 3:00 p.m., March 5, 2019

ITEM NO.

DESCRIPTION AND APPROXIMATE QUANTITY

1	7 ea. Beamex Advanced Field Calibrator – (MC-6-EX) Code: 9270000	UNIT PRICE TOTAL	8,370.00 58,590.00
2	7 ea. P2C Pressure Module – Product Code: 9270200	UNIT PRICE TOTAL	2,300.00 16,100.00
3	7 ea. P20C Pressure Module – Product Code: 9270140	UNIT PRICE TOTAL	2,300.00 16,100.00
4	7 ea. Documenting Calibrator Option – Product Code: 9270800	UNIT PRICE TOTAL	1,420.00 9,940.00
5	7 ea. HART communication Option – Product Code: 9270500	UNIT PRICE TOTAL	2,040.00 14,280.00
6	7 ea. Connector set for Bare-wire applications – Product Code: 8066830	UNIT PRICE TOTAL	60.00 420.00
7	7 ea. Soft Carrying Case (For MC-6) – Product Code: 8081900	UNIT PRICE TOTAL	305.00 2,135.00
8	7 ea. PGC Pressure/Vacuum pump kit – Product Code: 9011150	UNIT PRICE TOTAL	1,200.00 8,400.00
9	14 ea. Adapter 61/8 60-X-LOK – Product Code: 8009120	UNIT PRICE TOTAL	20.00 280.00
10	1 ea. CMX professional user license – Product Code: 9050120	UNIT PRICE TOTAL	6,095.00 6,095.00
11	1 ea. CMX Professional Hardware Key – Product Code: 9050130	UNIT PRICE TOTAL	595.00 595.00
12	1 ea. CMX Configurable user interface – Product Code: 9050365	UNIT PRICE TOTAL	925.00 925.00
13	1 ea. CMX history trend module – Product Code: 9050230	UNIT PRICE TOTAL	925.00 925.00
14	1 ea. MAX 5,000 POS/Devices in database (CMX) Product Code: 9050224	UNIT PRICE TOTAL	2,125.00 2,125.00
15	1 ea. Software Service Agreement (SSA) for CMX Professional – Product Code: 9050250	UNIT PRICE TOTAL	2,577.00 2,577.00
16	1 ea. User Training on site for 2 days – Product Code: 9050320	UNIT PRICE TOTAL	2,792.00 2,792.00
			*
	TOTAL	TOTAL	142,279.00
	Terms		Net 30 days
	Delivery Days		28-35 days

Beamex, Inc.
 2152 Northwest Parkway, Ste. A
 Marietta, GA 30067

Process Solutions Corp.

Airgas

NO BID

NO BID

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

Airgas
 Baytech Supply
 Beamex Inc.
 Electric Supply Source
 Graybar
 Meister Supply
 Process Solutions Group

Demandstar
 SAWS Website

SAN ANTONIO WATER SYSTEM

P. O. BOX 2449
SAN ANTONIO, TEXAS 78298-2449
TABULATION OF BIDS

PROPOSAL

FOR: Purchase of Various Types of Light Duty Trucks

TIME &

DATE: 3:00 p.m., March 12, 2019

ITEM NO. DESCRIPTION AND APPROXIMATE QUANTITY

ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY	UNIT PRICE TOTAL MAKE/MODEL	OPTION 1 2601 William Tale Grapevine, TX 76051	OPTION 2 2601 William Tale Grapevine, TX 76051	Ancira Motor Co. 10807 IH 10 West San Antonio, TX 78230	Gunn Chevrolet, Ltd. 16550 IH 35 N Selma, TX 78154	Northside Chevrolet 9400 San Pedro Ave. San Antonio, TX 78216	Sport City Toyota 12650 LBJ Freeway Dallas, TX 75228	Grande Truck Center 4562 IH 10 East San Antonio, TX 78219	
A.	18 ea. 6,300 GVWR (minimum) 4x2 wide and short bed (no outside fenders) extended, club, double, super cab pickup State Make, Model	UNIT PRICE TOTAL MAKE/MODEL	23,843.00 429,174.00	24,118.00 434,124.00	* 23,540.00 423,720.00 Ram 1500	24,546.15 441,830.70 Chev CC15753LD	26,861.65 483,509.70 Ford F350	27,985.00 503,730.00 Toyota Tundra	28,071.00 505,278.00 2019 Ford F150	
B.	1 ea. 6,300 GVWR (minimum) 4x2 wide and long bed (no outside fenders) extended, club, double, super cab pickup with mounted 1,000 powered liftgate State Make, Model	UNIT PRICE TOTAL MAKE/MODEL	NO BID	NO BID	NO BID	NO BID	NO BID	29,500.00 29,500.00 Toyota Tundra	31,692.00 31,692.00 2019 Ford F150	
C.	9 ea. 6,300 GVWR (minimum) 4x4 wide and short bed (no outside fenders) extended, club, double, super cab pickup State Make, Model	UNIT PRICE TOTAL MAKE/MODEL	DOES NOT MEET SPECIFICATIONS	DOES NOT MEET SPECIFICATIONS	NO BID	* 27,844.15 250,597.35 Chev CC15753LD	29,956.95 269,612.55 Ford F550	31,222.00 280,998.00	31,090.00 279,810.00 2019 Ford F150	
D.	1 ea. 14 GVWR (minimum) DRW, 4x2 wide and long type bed (no outside fenders) extended cab pickup truck State Make, Model	UNIT PRICE TOTAL MAKE/MODEL	NO BID	NO BID	NO BID	NO BID	NO BID	NO BID	45,714.00 45,714.00 2019 Ford F150	
E.	1 ea. 11,000 GVWR (minimum) 2x4 wide and long type bed (no outside fenders) crew cab pickup truck State Make, Model	UNIT PRICE TOTAL MAKE/MODEL	NO BID	NO BID	NO BID	NO BID	NO BID	NO BID	34,710.00 34,710.00 2019 Ford F150	
	Terms		2% 30 days	2% 30 days	Net 30 days	Net 30 days	Net 30 days	Net 30 days	Net 30 days	
	Delivery Days		90-120 days	90-120 days	120-150 days	120 days	90-120 days		110-125 days	

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

Ancira Chrysler Jeep
Ancira Motor
Bluebonnet Chrysl Dodge
Bluebonnet Ford
Caldwell Country Chev
Grande Truck Center
Grapevine
Gunn Chevrolet
Jordan Ford

Lone Star Chrysler
North Park Toyota
Northside Chevrolet
Red McCombs Toyota Ford
Sam Packs Five Star Ford
Silsbee Ford
Sport City Toyota
Toyota of Boerne

Demandstar
SAWS Website

SAN ANTONIO WATER SYSTEM

P. O. BOX 2449
SAN ANTONIO, TEXAS 78298-2449
TABULATION OF BIDS

PROPOSAL FOR: One Time Purchase of Uninterruptible Power Supply (UPS)
Units for Instrumentation

TIME & DATE: 3:00 p.m., March 27, 2019

ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY	UNIT	PRICE	TOTAL	MISSION CITY ELECTRIC, INC. 4403 Dividend Dr. #107 San Antonio, TX 78219	BRISK WORLDWIDE, LLC 303 Limbrano Street San Antonio, TX 78207	VIA TECHNOLOGY, LLC 906 Fredericksburg Rd. San Antonio, TX 78201	CALES CONTROL SYSTEMS Resources 4001 E. Plano Pkwy. Suite 500 Plano, TX 75074	DELIA WARE, INC. 4730 Shavano Oak #215 San Antonio, TX 78249	PENN-DELMAR POWER LLC 80 Nottingham Dr. Nottingham, PA 19362	ADVANCED CONNECTIONS INC. 2015 McKenzie Dr., Ste. 200 Carrollton, TX 75006
GROUP 1											
1.	120 ea. APC Smart UPS Unit-UPSXP - 1500VA, 120 Volts	UNIT	PRICE	TOTAL	NO BID	975.95 117,114.00	992.69 119,122.80	1,100.90 132,108.00	1,130.17 135,620.40	1,980.00 237,600.00	
	Mfr./Part No. Quoting					9PX1500RT	UPSXLA	UPSXLA	UPSXLA	NIC L2000	
	TOTAL	TOTAL			NO BID	117,114.00	119,122.80	132,108.00	135,620.40	237,600.00	
GROUP 2											
1.	1 ea. New Uninterruptible Power System (UPS) Unit Eaton 93PM, 150 K UPS Unit	UNIT	PRICE	TOTAL	56,450.00 56,450.00	NO BID	NO BID	64,583.00 64,583.00	NO BID		
2.	1 ea. New UPS Unit - Lithium for batteries	UNIT	PRICE	TOTAL	90,588.00 90,588.00	NO BID	NO BID	119,797.00 119,797.00	NO BID		
3.	1 ea. Labor for New UPS Installation and Removal of Existing UPS Unit	UNIT	PRICE	TOTAL	30,848.00 30,848.00	NO BID	NO BID	67,473.00 67,473.00	NO BID		
4.	1 ea. Existing UPS Unit - Battery Disposal	UNIT	PRICE	TOTAL	2,982.00 2,982.00	NO BID	NO BID	5,000.00 5,000.00	NO BID		
5.	1 ea. Trade in Offer for Existing UPS Unit	UNIT	PRICE	TOTAL	0.00 0.00	NO BID	NO BID	0.00 0.00	NO BID		
					2 hr Load Bank Test 3,800.00						
	TOTAL	TOTAL			184,668.00	NO BID	NO BID	256,853.00	NO BID		
	Terms				2% 10 days	2% 10 days	1% 10 days	Net 30 days	1% 10 days		
	Delivery				63 days	7 days	30 days	84 days	35 days		

* Low Bidder

** Price includes network cards.

SAN ANTONIO WATER SYSTEM
P. O. BOX 2449
SAN ANTONIO, TEXAS 78298-2449
TABULATION OF BIDS

One Time Purchase of Uninterruptible Power Supply (UPS)
 Units for Instrumentation

3:00 p.m., March 27, 2019

PROPOSAL
 FOR:
 TIME &
 DATE:
 ITEM NO

DESCRIPTION AND APPROXIMATE QUANTITY

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

ABLe Communications, Inc.
 AccuTek Technologies
 Advanced Connections Inc.
 Advanced Connections Inc.
 Aerowave Technologies
 Alterman Electric
 Anixter, Inc.
 Avatech Technology Solutions, Inc.
 Avisolve, LLC
 Bass Computers, Inc.
 Big State Electric
 Brisk Worldwide LLC
 Cates Control Systems
 CDW Government, LLC
 CDW Government, LLC
 Central Electric
 Centre Technologies, Inc.
 Centre Technologies, Inc.
 CENTRYS, LLC
 CenturyLink Communications, LLC
 Checkpoint Services, Inc.
 Commonwealth Computer Company
 Commonwealth Computer Company
 Communications Supply Corporation (CSC)
 Crystal Communications, LTD
 CST Corp
 Datavox, Inc
 Delcom Group, LP
 DeliaWare Inc.
 Design Security Controls, LTD.
 Electra Link, Inc.
 EST Group, L.L.C.
 Evolve Holdings, Inc
 Exasales, LLC
 Fisk Electric

Fisk Electric Company
 GCS Technologies, Inc.
 General DataTech, L.P.
 Gerard Electric
 GovConnection, Inc
 GTS Technology Solutions, Inc.
 HIED Inc.
 IE Smart Systems
 Insight Public Sector, Inc.
 Level One Technology
 Logical Front, LLC
 Mark III Systems Incorporated
 Mission City Electric
 Natsync Network Solutions, Inc.
 Natsync Network Solutions, Inc.
 Network Cabling Services, Inc.
 PC Specialists, Inc. dba Technology Integration Group (TIG)
 Penn-Delmar Power
 Pierfler & Son, LTD
 Pivot Solutions, North America, Inc. dba Sigma Technology Solutions, Inc.
 Porter Burgess Company dba Flair Data Systems
 Precision Task Group, Inc.
 Preferred Technologies LLC
 Premier Logitech, LLC
 Presidio Networked Solutions Group, LLC
 Presidio Networked Solutions Group, LLC
 Prime Systems/Directron
 Resonant Technology Partners, Inc.
 RSW Technologies, Inc.
 S&P Communications
 Securadyne Systems Texas, LLC

NO BID: CDW
 GDT
 Presidio
 SCW

Sequel Data Systems, Inc.
 SHI Government Solutions, Inc.
 Siemens Industry, Inc.
 Sigma Technology Solutions, Inc.
 Sirius Computer Solutions, Inc
 Skyhawk Security, LLC
 Solid IT Networks, Inc.
 Southern Computer Warehouse, Inc.
 Spectrum Imaging Technologies, Inc.
 Sterling Computers Corporation
 Summus Industries, Inc
 Sunrise IT Solutions Group
 Superior Fiber & Data Services, Inc.
 TanChes Global Management, Inc.
 Technogent
 Technology Assets, LLC dba Global /
 Technology for Education LLC dba T
 Technology Integration Group (TIG)
 Teletouch Communications, Inc.
 Tero Technologies, Inc
 The Aldridge Company
 The Mirazon Group, LLC
 The Personal Computer Store, Inc. db
 Unique Digital Technology, Inc.
 VIA Technology
 Victoria Communication Services, Inc
 Virtual Communication Specialists, L
 Waypoint Business Solutions
 Weaver Technologies, LLC
 Xiotech Corporation
 Demandstar
 SAWS Website

Mission City Electric, Inc. 4403 Dividend Dr. #107 San Antonio, TX 78219	Brisk Worldwide, LLC 303 Lmbarno Street San Antonio, TX 78207	VIA Technology, LLC 906 Fredricksburg Rd. San Antonio, TX 78201	Cates Control Systems dba Integrity Integration Resources 4001 E. Plano Pkwy, Suite 500 Plano, TX 75074	DeliaWare, Inc. 4730 Shavano Oak #215 San Antonio, TX 78249	Penn-Delmar Power LLC 80 Nottingham Dr. Nottingham, PA 19362	Advanced Connections Inc. 2015 McKenzie Dr., Ste. 200 Carrollton, TX 75006
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SAN ANTONIO WATER SYSTEM

P. O. BOX 2449

SAN ANTONIO, TEXAS 78298-2449

TABULATION OF BIDS

PROPOSAL: Annual Contract for
 FOR: Ford Captive & Competitive Parts & Service
 TIME & (June 1, 2019 through May 31, 2020)
 DATE: 3:00 p.m., March 13, 2019

ITEM NO. DESCRIPTION AND APPROXIMATE QUANTITY

ITEM 1 PARTS - IT IS ESTIMATED THAT SAWS WILL SPEND \$150,000			McCombs HFC Ltd./ Red McCombs Ford 8333 IH 10 West San Antonio, TX 78230	Northside Ford 12300 San Pedro Ave. San Antonio, TX 78216	GrandeTruck Center 4562 IH-10 East San Antonio, TX 78219
	Percent of discount or markup offered		150,000.00 Cost + 9.9%	150,000.00 Cost + 6%	150,000.00 Cost + 10%
	Product Identification (Mfg)		Ford/Motorcraft	Ford	Ford
	Type price schedule (dealer, jobber, etc.)		Dealer	Dealer	Dealer
	Price schedule number		FPS-3642	FPS 3642	N/A
	Date of price schedule		Jan. 1, 2019	3/1/19	Current at the time of purchase
	Price schedule column on which discount is based (i.e., distributor, net, wholesale)		Dealer Net (cost)	Cost	Cost
	TOTAL		164,850.00	159,000.00	165,000.00
ITEM 2	INDIVIDUAL ITEMS				
1.	ICP, Part #3C3Z9F838EA	Dealer Cost SAWS Price	101.32 111.35	101.32 107.40	101.32 111.45
2.	Flasher, Part #5C3Z13350AA	Dealer Cost SAWS Price	11.75 12.91	11.75 12.46	11.75 12.93
3.	Rotor, Assembly, Part #5U2Z1V125ME	Dealer Cost SAWS Price	88.71 97.49	88.71 94.03	88.71 97.58
4.	Shift Indicator, Part #6L5Z7A110AA	Dealer Cost SAWS Price	16.55 18.19	16.55 17.54	16.55 18.21
	Rotor Assembly, Part #7U2Z1V125CA	Dealer Cost SAWS Price	N/A	N/A	N/A
	Rotor Assembly, Part #7U2Z2V026BA	Dealer Cost SAWS Price	N/A	N/A	N/A
5.	Seal, Part #AC3Z1S175A	Dealer Cost SAWS Price	20.50 22.53	20.50 21.73	20.50 22.55
	Kit Brake Lining, Part #AC3Z2200B	Dealer Cost SAWS Price	N/A	N/A	N/A
6.	Hub Assy, Part #CC3Z1102A	Dealer Cost SAWS Price	104.98 115.37	104.98 111.28	104.98 115.48
7.	Seal, Part #CC3Z1S175A	Dealer Cost SAWS Price	11.88 13.06	11.88 12.59	11.88 13.07
8.	Fuel Module Relay, Part #FOAZ14N089A	Dealer Cost SAWS Price	10.65 11.70	10.65 11.29	10.65 11.72
9.	Spark Plug, Part #SP479	Dealer Cost SAWS Price	2.63 2.89	2.63 2.79	2.63 2.89
	TOTAL		405.91	391.11	405.88
ITEM 3	LABOR				
	Shop Rate		\$59hr x 1800hrs=\$106,000	\$80hr x 1800hrs=\$144,000	\$120hr x 1800hrs=\$216,000
	Shop Supply Charge		4.95%	0.00%	10%
	TOTAL		106,000	144,000	216,000
			*		
	GRAND TOTAL	TOTAL	271,255.91	303,391.11	381,405.88

SAN ANTONIO WATER SYSTEM

P. O. BOX 2449

SAN ANTONIO, TEXAS 78298-2449

TABULATION OF BIDS

PROPOSAL Annual Contract for
 FOR Ford Captive & Competitive Parts & Service
 TIME & (June 1, 2019 through May 31, 2020)
 DATE 3:00 p.m., March 13, 2019

ITEM NO DESCRIPTION AND APPROXIMATE QUANTITY

McCombs HFC Ltd./
 Red McCombs Ford
 8333 IH 10 West
 San Antonio, TX 78230

Northside Ford
 12300 San Pedro Ave.
 San Antonio, TX 78216

GrandeTruck Center
 4562 IH-10 East
 San Antonio, TX 78219

EXTENSION 1

271,255.91

EXTENSION 2

271,255.91

EXTENSION 3

271,255.91

Terms

Net
 30 days

Net
 30 days

Net
 30 days

Delivery Days

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

Grande Ford Truck
 Jordan Ford, Ltd.
 Mac Haik's Southway Ford
 Northside Ford
 Red McCombs Ford

Demandstar
 SAWS Website

SAN ANTONIO WATER SYSTEM

P. O. BOX 2449

SAN ANTONIO, TEXAS 78298-2449

TABULATION OF BIDS

PROPOSAL
FOR
TIME &
DATE

Annual Contract for High Density Polyethylene (HDPE) Pressure
Pipe and Tubing for Water Supply Lines
(March 1, 2019 through May 31 2020)
3:00 p.m., February 14, 2019

ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY	PRICE	San Antonio, TX 78227	Ferguson Waterworks	Milford	San Antonio, TX 78207	Core & Main, LP	San Antonio, TX 78233	Western Water & Gas Products
ITEM 1	HDPE PRESSURE PIPE DR-11								
	12,000 Foot	PRICE	8,0296			9.14	11.60		
1.	HDPE DR-11, 20 Ft Size - 6 Inch	TOTAL	96,355.20			109,680.00	139,200.00		
	Manufacturer Quoting	MFR	Performance Pipe	George Fischer LLC	Pipeline Plastics				
	6,000 Foot	PRICE	13,5693			15.77	19.97		
2.	HDPE DR-11, 20 Ft Size - 8 Inch	TOTAL	81,415.80			94,620.00	119,820.00		
	Manufacturer Quoting	MFR	Performance Pipe	George Fischer LLC	Pipeline Plastics				
	2,500 Foot	PRICE	20,2597			27.32	30.51		
3.	HDPE DR-11, 20 Ft Size - 10 Inch	TOTAL	50,649.25			68,300.00	76,275.00		
	Manufacturer Quoting	MFR	Performance Pipe	George Fischer LLC	Pipeline Plastics				
	3,000 Foot	PRICE	28,5125			37.44	43.14		
4.	HDPE DR-11, 20 Ft Size - 12 Inch	TOTAL	85,337.50			112,320.00	129,420.00		
	Manufacturer Quoting	MFR	Performance Pipe	George Fischer LLC	Pipeline Plastics				
	2,000 Foot	PRICE	49,2938			65.30	76.09		
5.	HDPE DR-11, 20 Ft Size - 16 Inch	TOTAL	98,587.60			130,600.00	152,180.00		
	Manufacturer Quoting	MFR	Performance Pipe	George Fischer LLC	Pipeline Plastics				
	2,000 Foot	PRICE	107,9727			143.02	170.45		
6.	HDPE DR-11, 20 Ft Size - 24 Inch	TOTAL	215,945.40			286,040.00	340,900.00		
	Manufacturer Quoting	MFR	Performance Pipe	George Fischer LLC	Pipeline Plastics				
	TOTAL ITEM 1	TOTAL	628,490.75	699,985.00	801,560.00	957,795.00			
	EXTENSION 1		628,490.75						
	EXTENSION 2		628,490.75						
	EXTENSION 3		628,490.75						
	EXTENSION 4		628,490.75						
	Terms		Net	Net	5%	Net	Net		
			30 days	30 days	10 days	30 days	30 days		
	Delivery Days								

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

Act Pipe
AY McDonald
Cohen Pipe
Core & Main, LP
Corix
Ferguson Waterworks
Fortiline
Gajeske

Hydro Solutions
KLP Commercial
Milford
MPS Enterprises dba Milford
Senuggs
Secor, Inc.
Tenoch Dist.
Western Water & Gas Products

Demandstar
SAWS Website

BID NO. 19-19037-2
THREE YEAR CONTRACT FOR APPDYNAMICS PRO EDITION
SINGLE SOURCE

Bid No. 19-19037-2 solicited DIR quotes for AppDynamics Pro Edition. AppDynamics is an Application Performance Monitoring (APM) server. It will be used by System to monitor critical applications, such as Infor, to make sure any issues can be easily identified and corrected. With this tool the Enterprise Resource Planning (ERP) team will have clear visibility into the various components of the applications and real-time information on their performance. In addition, System has standardized on Cisco for its IT Infrastructure, and as part of that technology stack, AppDynamics can uniquely monitor the dynamics between System infrastructure, platforms, and applications.

The request for quotes were sent to 25 different vendors from the DIR resellers list. DLT Solutions, Inc. is the single responsible bidder for the Three Year Contract for AppDynamics Pro Edition.

The contractor is responsible for providing software licensing, implementation services, and training for monitoring the performance of critical System ERP systems.

No.	Part #	Description	UOM	Unit Price	QTY	Price Per Year
1	PRO-BRUM-SAAS	AppDynamics Pro Edition - Browser Real User Monitoring – SaaS <i>(Paid Annually)</i>	EA	\$2,750.63	4	\$11,002.52
2	ADV-APM-SAAS	AppDynamics Advanced Edition - APM Any Language – SaaS <i>(Paid Annually)</i>	EA	\$3,581.86	9	\$32,236.74
3	PRO-DB-SAAS	AppDynamics Pro Edition - Database Visibility – SaaS <i>(Paid Annually)</i>	EA	\$2,750.63	2	\$5,501.26
4	ENB-STD-12-USER	Standard Education Package-12 User <i>(Paid Once)</i>	LS	\$23,407.78	1	\$23,407.78
5	ENB-SER- 08-DLY	Implementation On Site (All inclusive.) Provide Number of Day Included: 5 <i>(Paid Once)</i>	LS	\$11,561.10	1	\$11,561.10
6	ENB-SER- 07-DLY	Implementation Off Site Provide Number of Days Included: 1 <i>(Paid Once)</i>	LS	\$1,912.40	1	\$1,912.40
YEAR 1 TOTAL						\$85,621.80
No.	Part #	Description	UOM	Unit Price	QTY	Price Per Year
1	PRO-BRUM-SAAS	AppDynamics Pro Edition - Browser Real User Monitoring – SaaS <i>(Paid Annually)</i>	EA	\$2,750.63	4	\$11,002.52
2	ADV-APM-SAAS	AppDynamics Advanced Edition - APM Any Language – SaaS <i>(Paid Annually)</i>	EA	\$3,581.86	9	\$32,236.74
3	PRO-DB-SAAS	AppDynamics Pro Edition - Database Visibility – SaaS <i>(Paid Annually)</i>	EA	\$2,750.63	2	\$5,501.26
YEAR 2 TOTAL						\$48,740.52
No.	Part #	Description	UOM	Unit Price	QTY	Price Per Year
1	PRO-BRUM-SAAS	AppDynamics Pro Edition - Browser Real User Monitoring – SaaS <i>(Paid Annually)</i>	EA	\$2,750.63	4	\$11,002.52
2	ADV-APM-SAAS	AppDynamics Advanced Edition - APM Any Language – SaaS <i>(Paid Annually)</i>	EA	\$3,581.86	9	\$32,236.74
3	PRO-DB-SAAS	AppDynamics Pro Edition - Database Visibility – SaaS <i>(Paid Annually)</i>	EA	\$2,750.63	2	\$5,501.26
YEAR 3 TOTAL						\$48,740.52
GRAND TOTAL						\$183,102.84

THREE YEAR TOTAL		AMOUNT TO BE APPROVED BY BOARD
		\$183,102.84

SAN ANTONIO WATER SYSTEM
P. O. BOX 2449
SAN ANTONIO, TEXAS 78298-2449
TABULATION OF BIDS

PROPOSAL: Annual Contract for Single Gas and Multi-Gas

FOR: Detectors and Accessories

TIME & DATE: (Date of Award and terminate after initial term of one year)

DATE: 3:00 p.m., March 4, 2019

ITEM NO. DESCRIPTION AND APPROXIMATE QUANTITY

40 ea.	Gas Detector Monitor with built in pump and rechargeable battery for 5 gases: O2, LEL, H2S, CO, PLUS CL2 gases. Each with user operation manual and data logging software Mfg/Model: BW Ultra-HU-X1W1H1M1C1-Y-N-5 gases: O2, LEL, H2S, CO, Plus CL2 gases	UNIT PRICE TOTAL	San Antonio, TX 78219	Ritz Safety, LLC 5516 Business Park San Antonio, TX 78218	MSC Industrial Supply 121 Interpark Blvd, Ste. 1203 San Antonio, TX 78216	Cintas Corporation 7007 Fairgrounds Parkway, Ste. 121 San Antonio, TX 78238	Fisher Scientific 300 Industry Dr. Pittsburgh, PA 15275	BID NOT TABULATED ADDENDUM 1 DID NOT RETURN	BID NOT TABULATED ADDENDUM 1 DID NOT RETURN	Electric Supply Service 6425 Boeing, Suite D-3 El Paso, TX 79925	Federal Resources Supply Co. 235G Log Canoe Circle Stevensville, MD 21666
1.	40 ea.	UNIT PRICE TOTAL	1,405.97 56,238.80	1,449.00 57,960.00	1,640.00 65,600.00	1,706.43 68,257.20					
2.	40 ea.	UNIT PRICE TOTAL	1,405.97 56,238.80	1,449.00 57,960.00	1,640.00 65,600.00	1,706.43 68,257.20					
3.	5 ea.	UNIT PRICE TOTAL	170.45 852.25	176.25 881.25	199.00 995.00	183.75 918.75					
4.	5 ea.	UNIT PRICE TOTAL	127.84 639.20	132.25 661.25	149.50 747.50	137.81 689.05					
5.	5 ea.	UNIT PRICE TOTAL	170.45 852.25	176.25 881.25	199.00 995.00	183.75 918.75					
6.	5 ea.	UNIT PRICE TOTAL	340.90 1,704.50	352.50 1,762.50	399.00 1,995.00	367.50 1,837.50					
7.	20 ea.	UNIT PRICE TOTAL	213.06 4,261.20	220.25 4,405.00	250.00 5,000.00	229.69 4,593.80					
8.	20 ea.	UNIT PRICE TOTAL	340.90 6,818.00	352.50 7,050.00	399.00 7,980.00	367.50 7,350.00					
9.	5 ea.	UNIT PRICE TOTAL	213.06 1,065.30	220.25 1,101.25	250.00 1,250.00	229.69 1,148.45					
10.	5 ea.	UNIT PRICE TOTAL	404.82 2,024.10	346.25 1,731.25	473.50 2,367.50	436.41 2,182.05					
11.	2 ea.	UNIT PRICE TOTAL	175.56 351.12	181.50 363.00	205.00 410.00	189.26 378.52					
12.	2 ea.	UNIT PRICE TOTAL	27.27 54.54	28.00 56.00	32.00 64.00	29.40 58.80					
13.	5 ea.	UNIT PRICE TOTAL	13.63 68.15	14.00 70.00	16.00 80.00	14.70 73.50					
14.	5 ea.	UNIT PRICE TOTAL	12.78 63.90	13.25 66.25	15.00 75.00	13.48 67.40					
15.	5 ea.	UNIT PRICE TOTAL	55.39 276.95	59.00 295.00	67.00 335.00	61.56 307.80					

SAN ANTONIO WATER SYSTEM
P. O. BOX 2449
SAN ANTONIO, TEXAS 78298-2449
TABULATION OF BIDS

PROPOSAL
FOR
TIME &
DATE
Annual Contract for Single Gas and Multi-Gas
Detectors and Accessories
(Date of Award and terminate after initial term of one year)
3:00 p.m., March 4, 2019

ITEM NO.	DESCRIPTION AND APPROXIMATE QUANTITY	UNIT	PRICE	TOTAL	Altigas 335 N WW White Rd. San Antonio, TX 78219	Ritz Safety, LLC 5516 Business Park San Antonio, TX 78218	MSC Industrial Supply 121 Interpark Blvd, Ste. 1203 San Antonio, TX 78216	Cintas Corporation 7007 Fairgrounds Parkway, Ste. 121 San Antonio, TX 78238	Fisher Scientific 300 Industry Dr. Pittsburgh, PA 15275	Electric Supply Service 6425 Boeing, Suite D-3 El Paso, TX 79925	Federal Resources Supply Co. 235G Log Canoe Circle Stevensville, MD 21666
16.	2 ea. Gas Alert Micro 5 Hand Held Sampling Probe, Mfg/Model #BA-PROB1-1	UNIT	30.58	36.00	30.58	31.50	36.00	33.08	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	61.16	72.00	61.16	63.00	72.00	66.16			
		TOTAL									
17.	2 ea. Gas Alert Micro 5 Probe Filter Spares, Mfg/Model #GA-PROB-FIL-K1	UNIT	17.83	21.00	17.83	18.50	21.00	19.29	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	35.66	42.00	35.66	37.00	42.00	38.58			
		TOTAL									
18.	25 ea. Single Gas Detector for CL2 gas: BW Gas Alert Extreme (CL2) Yellow Mfg/Model # BW Solo CL2 - BWS-C-Y	UNIT	347.15	387.00	347.15	414.25	387.00	403.03	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	8,678.75	9,675.00	8,678.75	10,356.25	9,675.00	10,075.75			
		TOTAL									
19.	25 ea. Single Gas Detector for SO2 gas: BW Gas Alert Extreme (SO2) Black Mfg/Model # BW Solo SO2 Black - BWS-S-B	UNIT	347.15	387.00	347.15	414.25	387.00	403.03	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	8,678.75	9,675.00	8,678.75	10,356.25	9,675.00	10,075.75			
		TOTAL									
20.	5 ea. 2 Year Maintenance free single gas detector for H2S: BW Honeywell Clip (H2S) BWC2-H	UNIT	84.94	98.00	84.94	88.00	98.00	167.21	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	424.70	490.00	424.70	440.00	490.00	836.05			
		TOTAL									
21.	5 ea. 3 Year Maintenance free single gas detector for H2S: BW Honeywell Clip (H2S) BWC3-H	UNIT	181.10	203.00	181.10	179.25	203.00	210.95	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	405.56	1,015.00	405.56	890.25	1,015.00	1,054.75			
		TOTAL									
22.	5 ea. Honeywell BW Clip Hilberation case: CLPHB-CASE	UNIT	12.73	15.00	12.73	13.25	15.00	13.78	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	63.65	75.00	63.65	66.25	75.00	68.90			
		TOTAL									
23.	1 ea. Intellidox Docking Station: BWTDX-CLIP	UNIT	1,615.16	1,809.00	1,615.16	1,599.00	1,809.00	1,882.21	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	1,615.16	1,809.00	1,615.16	1,599.00	1,809.00	1,882.21			
		TOTAL									
24.	1 ea. Intellidox Enabler Kit: BWTDX-ENBL-NA	UNIT	184.05	250.00	184.05	220.25	250.00	214.38	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	184.05	250.00	184.05	220.25	250.00	214.38			
		TOTAL									
25.	1 ea. Demand Flow Regulator: GCO75-DFR	UNIT	305.81	272.00	305.81	209.25	272.00	312.50	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	305.81	272.00	305.81	209.25	272.00	312.50			
		TOTAL									
26.	2 ea. Cal Gas Ecosmart H2S 25 PPM: GC04ES-98-25	UNIT	161.39	137.00	161.39	74.00	137.00	110.41	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	322.78	274.00	322.78	148.00	274.00	220.82			
		TOTAL									
27.	15 ea. 4 Gas BW Technologies Gas Alert Micro 5 series air monitor Rechargeable Battery and Pump Mfg/Model # BW Ultra 4 gas monitor - HU-X1Y1H1M100-Y-N	UNIT	1,225.00	1,414.00	1,225.00	1,249.00	1,414.00	1,470.61	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	18,375.00	21,210.00	18,375.00	18,735.00	21,210.00	22,059.15			
		TOTAL									
28.	6 ea. BW Ultra IntelliDoX docking station DX-Ultra and Enabler Kit DX-ENBL-NA	UNIT	1,834.37	250.00	1,834.37	1,819.00	250.00	2,096.59	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	11,006.22	1,500.00	11,006.22	10,914.00	1,500.00	12,579.54			
		TOTAL									
29.	6 ea. Intellidox for Solo Monitor DX-SOLO	UNIT	1,621.30	1,809.00	1,621.30	1,599.00	1,809.00	1,882.21	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	9,727.80	10,854.00	9,727.80	9,594.00	10,854.00	11,293.26			
		TOTAL									
30.	9 ea. Demand Flow Regulator: REG-DFI	UNIT	306.81	359.00	306.81	262.25	359.00	330.75	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1	BID NOT TABULATED DID NOT RETURN ADDENDUM 1
		PRICE	2,761.29	3,231.00	2,761.29	2,360.25	3,231.00	2,976.75			
		TOTAL									
	TOTAL		194,655.34	213,938.00	194,655.34	201,238.75	213,938.00	230,793.32			

SAN ANTONIO, TEXAS 78298-2449

TABULATION OF BIDS

Annual Contract for Single Gas and Multi-Gas

Detectors and Accessories

(Date of Award and terminate after initial term of one year)

3:00 p.m., March 4, 2019

ITEM NO	DESCRIPTION AND APPROXIMATE QUANTITY	Alt	Alt 33	Rt 55	Mt 12	Ct 70	Sa 12	Flt 30	El 64	El 23
	EXTENSION 1	194,655.34								
	EXTENSION 2	194,655.34								
	EXTENSION 3	194,655.34								
	EXTENSION 4	194,655.34								
	EXTENSION 5	194,655.34								
	Terms	Net 30 days	Net 30 days	Net 30 days	Net 30 days	Net 30 days				
	Delivery Days	17-21 days			21 days	1 days				

***Low Bidder**

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

Airgas
BKW Environmental
CB Marketing
Cintas
Electric Supply
Federal Resources Supply
Fisher Scientific
Gas Detectors USA
Hach
Honeywell Analytics

Icon Safei
JJS Technical
Lone Star Safety & Supply
Macaulay Controls
MAPA Distributors
MSC
NT Safety
RHI Group
Ritz Safety LLC
US Blue Book

Demandstar
SAWS Website

BID NO. 19-14108
BEST VALUE BID (BVB) SECURITY SYSTEM MAINTENANCE REPAIR & SERVICE
SINGLE SOURCE

Bid No. 19-14108 solicited BVBs for a licensed security contractor/integrator to install, upgrade, remove, maintain, clean, program, service, and repair new and existing electronic security equipment. Such equipment consists of, but is not limited to, video cameras, recorders, alarm contacts, access control devices, enclosures, cabling, conduit, and uninterruptible power supplies at various SAWS' facilities. SAWS currently maintains approximately 1,500 CCTV cameras and 800 access points at approximately 200 locations in the SAWS Service area and surrounding areas.

The BVB was sent to seven vendors on the email bidders list. The BVB was also posted on the SAWS and Demand Star websites. Only two vendors attended the mandatory pre-bid conference. In an effort to increase competition, a second mandatory pre-bid conference was scheduled and three vendors attended. In total, the first and second pre-bid meetings gave the Purchasing Department four interested vendors. However, only one vendor submitted a bid response.

Alterman, Inc. is the single responsible bidder in response to BVB 19-14108. Alterman, Inc. is also the incumbent contractor for the current Security, Maintenance, Repair and Service contract BVB 14-14108. The incumbent contractor has a satisfactory performance history and poses minimum risk to SAWS by continuing as the awardee for the next contract. There is Award includes the base year and three one year options to extend.

ALTERMAN INC. PRICING DATA	
DESCRIPTION	UNIT PRICE
Service Charge Routine Repair (24 hr response time)	\$58.75 rate/hr
Emergency Service Charge (2 hr response time)	\$88.13 rate/hr
Labor	\$52.50 rate/hr
Portable Security System Rental	\$75.00 rate/day
Replacement parts required to perform repairs	Contractor cost + 15%

	SAWS	AMOUNT TO BE TAKEN TO THE BOARD
Original POP	\$400,000.00	\$400,000.00
Extension 1	\$400,000.00	\$400,000.00
Extension 2	\$400,000.00	\$400,000.00
Extension 3	\$400,000.00	\$400,000.00

SAWS estimated 2019 budget for Bid No. 19-14108 is \$400,000.00

SAN ANTONIO WATER SYSTEM P. O. BOX 2449 SAN ANTONIO, TEXAS 78298-2449 TABULATION OF BIDS					Polydyne, Inc. 1 Chemical Plant Road Riceboro, GA 31323		Solenis, LLC 3 Beaver Valley Rd., Suite 500 Wilmington, DE 19803		Univar USA, Inc. 8201 S. 212th Kent, WA 98032-1994	
PROPOSAL FOR TIME & DATE	Biennial Contract for Polymer (May 1, 2019 through April 30, 2021) 3:00 p.m., February 13, 2019									
ITEM NO	DESCRIPTION AND APPROXIMATE QUANTITY									
1.	2,000,000 lbs. Year 1 1,000,000 lbs	PRICE/ YEAR TOTAL	1.12 1,000,000.00 1,120,000.00	1.24 1,000,000.00 1,240,000.00	NO BID					
	Year 2 1,000,000 lbs (Max 5% Escalation)	PRICE/ YEAR TOTAL	1.176 1,000,000.00 1,176,000.00	1.302 1,000,000.00 1,302,000.00						
	Bulk Polymer Truckload Delivery (2 year Total) Product submitted:	TOTAL	2,296,000.00 Clarifloc C-6254	2,542,000.00						
	Year 1 8,500 lbs	PRICE/ YEAR TOTAL	1.18 8,500.00 10,030.00							
2.	Year 2 8,500 lbs (Max 5% escalation)	PRICE/ YEAR TOTAL	1.24 8,500.00 10,540.00							
	2,000 Gallons (Approximately 17,000 Lbs) Polymer Tote Delivery 250 Gallon	TOTAL	20,570.00	1.31 22,270.00						
	Freight Charge Emergency Tote Delivery	PRICE	0.00	3,000.00						
	TOTAL	TOTAL	2,316,570.00	2,567,270.00						
	EXTENSION 1 (Max 5% escalation)		1,245,850.0000							
	EXTENSION 2 (Max 5% escalation)		1,308,185.0000							
	EXTENSION 3 (Max 5% escalation)		1,373,522.0000							
	EXTENSION 4 (5% escalation)		1,442,570.3500							
	EXTENSION 5 (5% escalation)		1,514,337.1175							
	Terms		Net 30 days	Net 30 days						
	Delivery Days		7-10 days	10days						

***LOW BIDDER**

All price escalation must be supported by the producer price index. Testing was conducted on each of the polymers submitted. The test determined the pounds of polymer needed to thicken 1 ton of sludge. Polydyne's product used the least amount of polymer to thicken 1 ton of sludge and Polydyn submitted the lowest price per pound. See attached for testing results.

Historically SAWS has used 1,000,000 pounds of polymer per year. Estimate used for calculation purposes, actual amount may vary based upon yield, number of pounds polymer to thicken 1 ton of sludge.

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

Aspen Polymers
 BASF Corp.
 Coyne Environmental
 DXI
 GEO Specialty Chemicals

Kermira Water Solutions, Inc.
 Neo Solutions
 Newman Regency
 Polydyne, Inc.
 Solenis, LLC

Demandstar
 SAWS Website

**Bid 19-1107 Biennial Contract for Polymer
Testing Results**

Bidder	Lbs. polymer to thicken 1 ton of sludge	Estimated dry tons to be thickened	Lbs. polymer to thicken estimated annual amount	Bid price per lb. polymer	Cost to thicken 62,000 dry tons of sludge	Cost to thicken 1 dry ton of sludge
Polydyne	17.08	62,000	1058960	\$1.12	\$1,186,035.20	\$19.13
Solenis	17.42	62,000	1080040	\$1.24	\$1,339,249.60	\$21.60

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: AWARD OF CONSTRUCTION CONTRACT IN CONNECTION WITH THE
LADERA – OFFSITE WATER LINE PROJECT

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution awards a construction contract to Pesado Construction Company, a local, SBE contractor, in the amount of \$2,508,536.00 on a Developer Customer construction contract, and authorizes the expenditure of funds in the amount of \$1,266,324.54 for associated construction fees to Pesado Construction Company, and reimbursements of \$126,632.45 for associated design fees to Ladera I, LLC (the “Developer”), in connection with the Ladera – Offsite Water Line Project.

- On August 2, 2016, by Resolution No. 16-211, the San Antonio Water System’s (the “System”) Board of Trustees approved a Utility Service Agreement to provide water and/or wastewater services to a tract of land known as the Ladera Development, a 1,125-acre tract, being developed by Ladera I, LLC, and the oversizing of approximately 8,980 LF of 16-inch water main to 24-inch water main, in order to conform with the San Antonio Water System Master Plan.
- The Developer is required to construct a 16-inch water main. System staff recommends oversizing approximately 8,980 feet of the 16-inch water main to a 24-inch water main. The Developer is responsible for 44.44 percent of the oversizing of the 16-inch water main to a 24-inch water main for an estimated \$1,012,877.29 of the project costs. The System is responsible for 55.56 percent of the oversizing of the 16-inch water main to a 24-inch water main for an estimated amount of \$1,266,324.54.
- The Developer will construct approximately 111 feet of additional 16-inch water main. The Developer is responsible for 100 percent of the construction of this 16-inch water main for an estimated \$180,639.51 of the project costs. The System is responsible for 0 percent of the construction of this 16-inch water main.
- The Developer will construct approximately 151 feet of 12-inch water main. The Developer is responsible for 100 percent of the construction of the 12-inch water main for an estimated \$48,694.66 of the project costs. The System is responsible for 0 percent of the construction of the 12-inch water main.

- The System solicited bids for the construction of the oversize water main. Upon Board authorization of the construction contract, the Developer will enter into a contract with both the contractor and the System.
- This project consists of the oversize construction of approximately 8,980 feet of 24-inch water main, the construction of approximately 111 feet of 16-inch water main and the construction of approximately 151 feet of 12-inch water main. The Ladera – Offsite Water Line Project is outside the City of San Antonio limits and is located within the System's water and wastewater Certificate of Convenience and Necessity (CCN).
- Pesado Construction Company, has submitted the lowest responsible bid of \$2,508,536.00 for the construction of the project.
- The System will pay Pesado Construction Company monthly, for the construction costs for the oversize project. The Developer will pay the System prior to beginning construction for the Developer's proportionate share of the construction cost for the oversize project.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2019 Capital Improvement Program. This project is included in the Water Delivery Core Business, Mains New Category, and Water Main Oversizing budget line item under job number 18-1083. The applicable water main oversize payment will be made monthly to Pesado Construction Company in accordance with the Utility Service Regulations. The applicable design fees payment will be made to the Developer. The System will pay \$1,266,324.54 for construction costs and \$126,632.45 for associated design fees for a total cost of \$1,392,956.99. The Developer will pay \$1,242,211.46 of the construction costs and the remainder of the design fees.

Upon completion of construction, the cost of the project will be recorded as a Developer contribution along with an allowance for reimbursement.

SUPPLEMENTARY COMMENTS:

Bids for this project were opened on April 8, 2019 at 2:00 P.M. The following bids were submitted:

Bidder	Bid Amount	Local/SMWVB
Pesado Construction Company*	\$2,508,536.00	Local/SBE
D. Guerra Construction, LLC	\$2,529,804.20	Local/MBE-Hispanic
BRCT LLC dba Black Rock Construction	\$2,621,627.80	Non-Local/Non-SMWVB
Harper Brothers Construction, LLC	\$2,707,093.40	Non-Local/Non-SMWVB
S. J. Louis Construction of Texas Ltd	\$2,793,637.22	Local/Non-SMWVB
Qro Mex Construction Company, Inc.	\$2,875,048.00	Local/MBE-Hispanic
M5 Utilities, LLC	\$2,877,706.48	Local/Non-SMWVB
Veritas Management Company dba Black Castle General Contractors	\$2,992,893.00	Local/Non-SMWVB
Wauters Engineering, LLC	\$3,000,821.00	Local/SBE
<i>Engineer's Estimate</i>	<i>\$3,023,920.00</i>	
BRH-Garver Construction, L.P.	\$3,160,183.00	Non-Local/Non-SMWVB
Pronto Sandblasting & Coating & Oil-Field Services Co., Inc.	\$3,627,831.90	Local/MBE-Hispanic
Thyssen-Laughlin, Inc.	Non-Responsive	Non-Local/Non-SMWVB

*Lowest Responsible Bidder

The bid amount represents a 17.04 percent decrease from the engineer's estimated construction cost. The contract provides for the completion of this project within 365 calendar days.

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

Ladera – Offsite Water Line Project	
Pesado Construction Company	
SMWVB Analysis – Board Award	
SBE	46.27%
MBE – African American	0.00%
MBE – Asian	0.00%
MBE – Hispanic	0.00%
MBE – Other	0.00%
WBE – Minority	0.87%
WBE – Non-Minority	0.00%
SMWVB Total	47.14%



Tracey B. Lehmann, P.E.
Director
Development



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



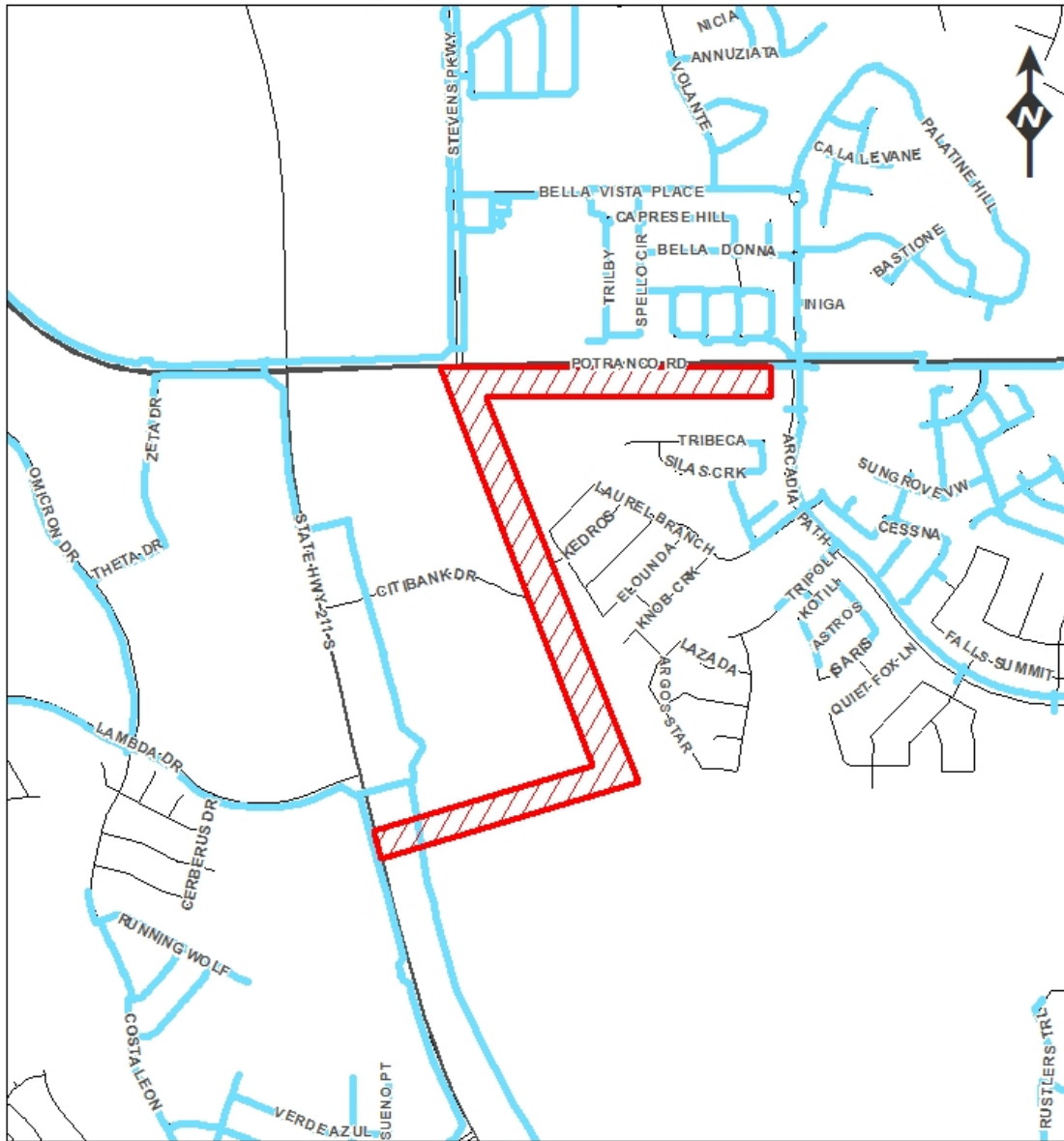
LADERA - OFFSITE WATER LINE

LEGEND

-  PROJECT SITE
-  EDWARDS AQUIFER RECHARGE ZONE



**SAN ANTONIO WATER SYSTEM
PROJECT SITE MAP
ATTACHMENT II**



LADERA - OFFSITE WATER LINE

LEGEND

- Existing Water Mains
PROJECT LIMITS



RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A CONSTRUCTION CONTRACT TO PESADO CONSTRUCTION COMPANY IN AN AMOUNT NOT TO EXCEED \$2,508,536.00 IN CONNECTION WITH THE LADERA – OFFSITE WATER LINE PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN THE AMOUNT OF \$1,266,324.54 FOR THE SYSTEM'S PROPORTIONATE SHARE OF THE PROJECT WORK; AUTHORIZING THE EXPENDITURE OF FUNDS IN THE AMOUNT OF \$126,632.45 FOR THE SYSTEM'S PROPORTIONATE SHARE OF THE ENGINEERING DESIGN FEES; AUTHORIZING A TOTAL AMOUNT NOT TO EXCEED \$1,392,956.99 FROM THE PROJECT FUND FOR THE SYSTEM'S PROPORTIONATE SHARE OF THE PROJECT WORK AND ENGINEERING FEES RELATED TO THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A CONTRACT WITH LADERA I, LLC AND PESADO CONSTRUCTION COMPANY, AND PROVIDE PAYMENT IN AN AMOUNT NOT TO EXCEED \$1,266,324.54 TO PESADO CONSTRUCTION COMPANY AND REIMBURSEMENTS OF \$126,632.45 TO LADERA I, LLC FOR THE SYSTEM'S PROPORTIONATE SHARE OF THE COST TO OVERSIZE THE PROPOSED WATER MAINS; FINDING THE RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, by Resolution No. 16-211, the San Antonio Water System's (the "System") Board of Trustees approved a Utility Service Agreement to provide water and/or wastewater services to a tract of land known as the Ladera Development, a 1,125-acre tract, being developed by Ladera I, LLC, (the "Developer"), and the oversizing of approximately 8,980 feet of 16-inch water main to 24-inch water main, in order to conform with the San Antonio Water System Master Plan; and

WHEREAS, the Developer is required to construct a 16-inch water main and a 12-inch water main; and

WHEREAS, the System has elected to oversize approximately 8,980 feet of the 16-inch water main to a 24-inch water main; and

WHEREAS, the System has elected to include the construct of approximately 111 feet of additional 16-inch water main; and

WHEREAS, the System has elected to include the construct of approximately 151 feet of a 12-inch water main; and

WHEREAS, the System has solicited bids for the Ladera – Offsite Water Line Project (the “project work”); and

WHEREAS, the project work includes the oversize construction of approximately 8,980 feet of 16-inch water main to 24-inch water main; and

WHEREAS, the project work includes the construction of approximately 111 feet 16-inch water main; and

WHEREAS, the project work includes the construction of approximately 151 feet 12-inch water main; and

WHEREAS, Pesado Construction Company, a local, SBE contractor, submitted the bid of \$2,508,536.00 for construction of the project and this bid is determined to be the lowest responsible bid; and

WHEREAS, Ladera I, LLC is responsible for funding their proportionate share of the construction of the project; and

WHEREAS, Ladera I, LLC is responsible for 44.44 percent of the project costs for approximately 8,980 feet of 16-inch water main oversized to a 24-inch water main; the System is responsible for 55.56 percent of the project costs for approximately 8,980 feet of 16-inch water main oversized to a 24-inch water main; and

WHEREAS, Ladera I, LLC is responsible for 100 percent of the project costs of approximately 111 feet of 16-inch water main; the System is responsible for 0 percent of the project costs of approximately 111 feet of 16-inch water main; and

WHEREAS, Ladera I, LLC is responsible for 100 percent of the project costs of approximately 151 feet of 12-inch water main; the System is responsible for 0 percent of the project costs of approximately 151 feet of 12-inch water main; and

WHEREAS, the System will pay to Pesado Construction Company, monthly, for the System’s proportionate share of the cost to oversize the water main in accordance with the Board Regulations; and

WHEREAS, the amount of \$1,392,956.99 is available in the System’s Water Main Oversizing, Mains New Category, Water Delivery Core Business Program for the System’s proportionate share of the project work costs and engineering fees related to oversizing the water main extension; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a construction contract to Pesado Construction Company in the amount of \$2,508,536.00 in connection with the Ladera – Offsite Water Line Project, (ii) to authorize System funds in the amount of \$1,266,324.54 for the project work, (iii) to authorize System funds in the amount of \$126,632.45 for design fees, (iv) to make available a total amount not to exceed \$1,392,956.99 from the System’s Water Main Oversizing, Mains New Category, Water Delivery Core Business Program for the System’s proportionate share of the project work and engineering fees related to oversizing the proposed off-site water main, and (v) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a contract with Ladera I, LLC and Pesado Construction Company for the project work, and to provide payment in an amount not to exceed \$1,266,324.54 to Pesado Construction Company and reimbursements in an amount not to exceed \$126,632.45 to Ladera I, LLC for the System’s cost to oversize the proposed off-site water main; now, therefore:

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

1. That a construction contract in the amount of \$2,508,536.00 is hereby awarded to Pesado Construction Company, who is determined to be the lowest responsible bidder, in connection with the Ladera – Offsite Water Line Project.
2. That the expenditure of System funds in the amount of \$1,266,324.54 for the System's proportionate share of the project work is hereby approved.
3. That the expenditure of System funds in the amount of \$126,632.45 for the System’s proportionate share of engineering design fees associated with the project work is hereby authorized and approved.
4. That a total amount not to exceed \$1,392,956.99 consisting of the System’s proportionate share of the project work costs and engineering fees related to the 24-inch oversized (16-inch required) water main is hereby made available and is to be expended from the System’s Water Main Oversizing, Mains New Category, Water Delivery Core Business Program.
5. That the President/Chief Executive Officer or his duly appointed designee, is hereby authorized to execute a contract with Ladera I, LLC and Pesado Construction Company, and to provide payment in an amount not to exceed \$1,266,324.54 for the cost to oversize and construct the water main to Pesado Construction Company and reimbursements in an amount not to exceed \$126,632.45 to Ladera I, LLC in accordance with the Utility Service Regulations in connection with the Ladera – Offsite Water Line 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 on this 7th day of May, 2019.

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 MULTIPLE SEWERSHED PACKAGE 9 PROJECT

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution awards a construction contract to Texas Pride Utilities Limited Liability Company, a local, MBE-Hispanic firm, in an amount not to exceed \$675,936.28 in connection with the Multiple Sewershed Package 9 Project.

- The contract that is the subject of the attached resolution will, if approved, authorize work required by the Consent Decree for Multiple Sewershed Package 9 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 2,495 feet of 12-inch sanitary sewer main by cured-in-place lining method. Additionally, the manholes will be rehabilitated or replaced.
- Texas Pride Utilities Limited Liability Company has submitted the lowest responsible bid of \$675,936.28.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2019 Capital Improvement Program. This project is included in the Wastewater Core Business budget line item. The amount is \$675,936.28 for wastewater related construction work under job number 17-4558.

SUPPLEMENTARY COMMENTS:

CDS Muery prepared the bid proposal and specifications for the project. The engineer's estimated construction cost was \$1,001,961.00.

A bid opening was held on April 3, 2019, at 10:00 AM. The following bids were submitted:

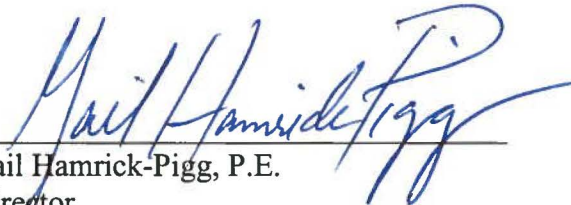
Bidder	Bid Amount	Local/SMWVB
Texas Pride Utilities Limited Liability Company*	\$675,936.28	Local/MBE-Hispanic
SAK Construction, LLC	\$721,185.61	Local/Non-SMWVB
Cruz Tec, Inc.	\$825,321.58	Local/MBE-Hispanic
Granite Inliner, LLC	\$943,671.66	Non-Local/Non-SMWVB
<i>Engineer's Estimate</i>	<i>\$1,001,961.00</i>	
PM Construction & Rehab, LLC dba IPR South Central	\$1,256,626.60	Non-Local/Non-SMWVB


*Lowest Responsible Bidder

The bid amount represents a 32 percent decrease from the engineer's estimated construction cost.

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

Multiple Sewershed Package 9 Project	
Texas Pride Utilities Limited Liability Company	
SMWVB Analysis – Board Award	
SBE	2.96%
MBE – African American	0.00%
MBE – Asian	0.00%
MBE – Hispanic	91.42%
MBE – Other	0.00%
WBE – Minority	0.00%
WBE – Non-Minority	0.00%
SMWVB Total	94.38%



Gail Hamrick-Pigg, P.E.
Director
Pipelines
APPROVED:

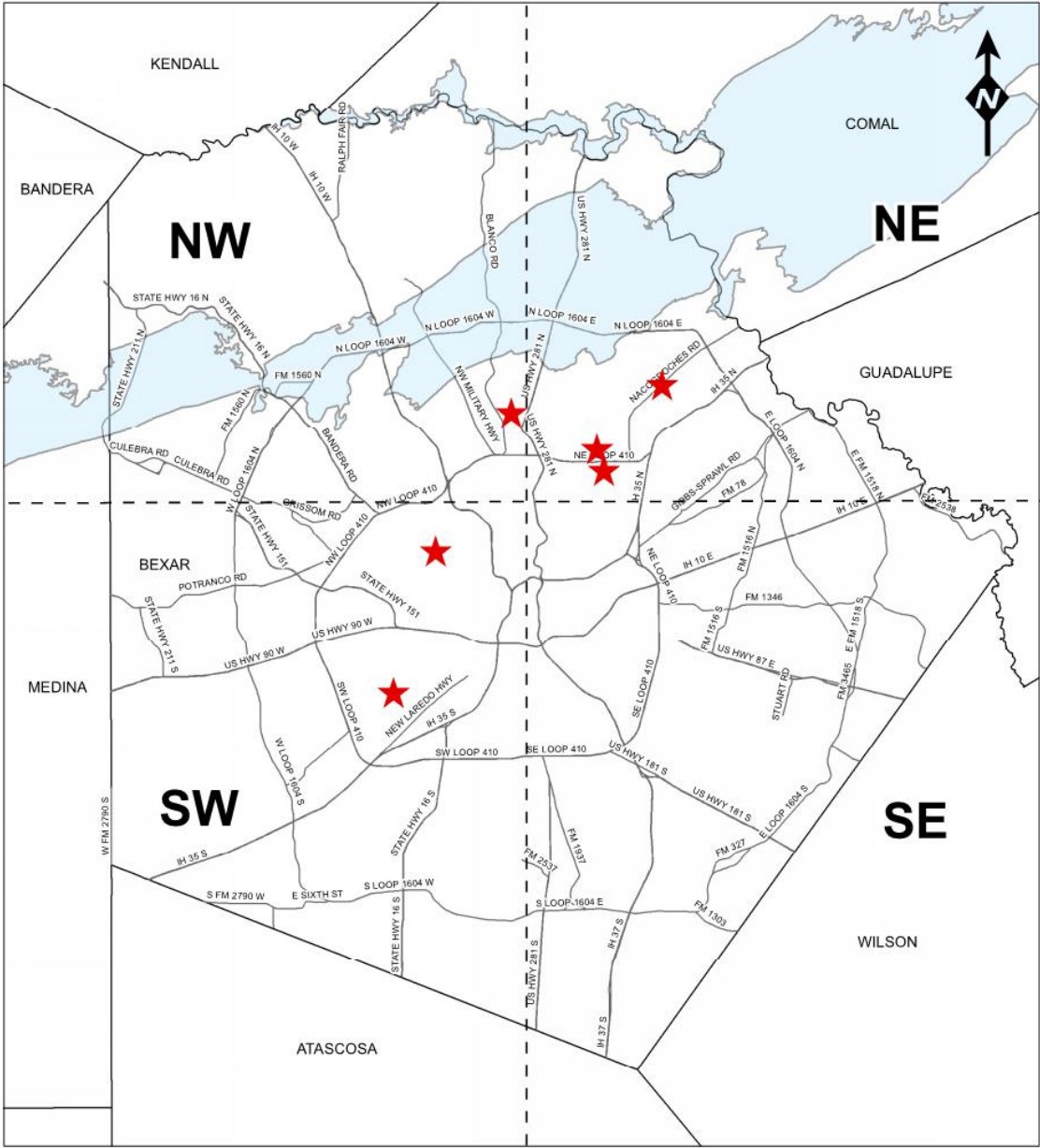
Andrea L.H. Beymer, P.E.
Vice President
Engineering and Construction

Robert R. Puente
President/Chief Executive Officer

Attachments:

1. Project Area Map
2. Project Site Map

**SAN ANTONIO WATER SYSTEM
PROJECT AREA MAP
ATTACHMENT I**



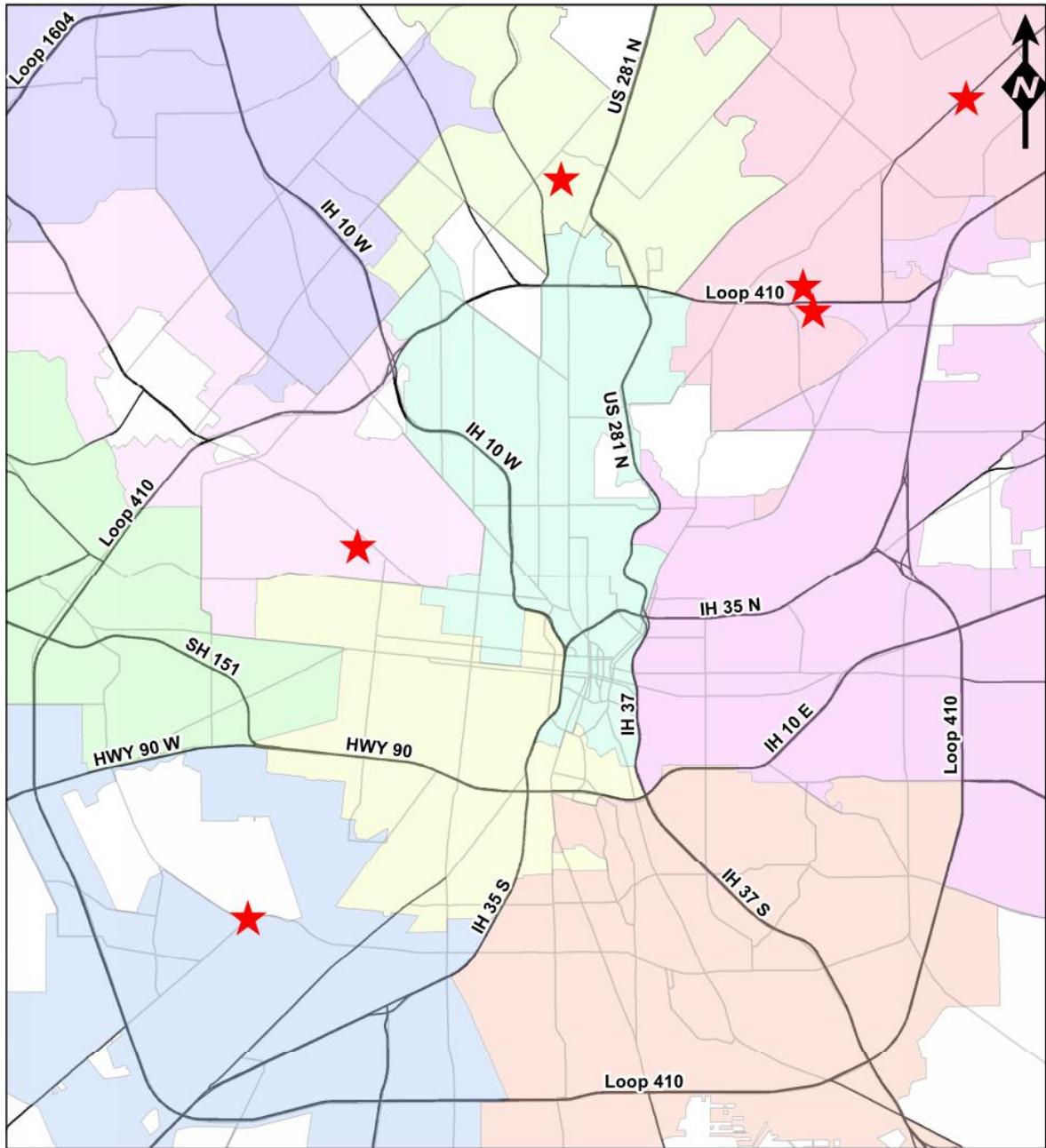
LEGEND

- ★ Project Locations
- Edwards Recharge Zones

MULTIPLE SEWERSHED PACKAGE 9



**SAN ANTONIO WATER SYSTEM
PROJECT SITE MAP
ATTACHMENT II**



MULTIPLE SEWERSHED PACKAGE 9

LEGEND

★ Project Location



RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A CONSTRUCTION CONTRACT TO TEXAS PRIDE UTILITIES LIMITED LIABILITY COMPANY IN AN AMOUNT NOT TO EXCEED \$675,936.28 IN CONNECTION WITH THE MULTIPLE SEWERSHED PACKAGE 9 PROJECT; APPROVING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED \$675,936.28 FROM THE PROJECT FUND FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A CONSTRUCTION CONTRACT WITH TEXAS PRIDE UTILITIES LIMITED LIABILITY COMPANY, AND TO PAY TEXAS PRIDE UTILITIES LIMITED LIABILITY COMPANY AN AMOUNT NOT TO EXCEED \$675,936.28 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, Texas Pride Utilities Limited Liability Company, a local, MBE-Hispanic firm, has submitted a bid of \$675,936.28 for the project work and has been determined to be the lowest responsible bidder; and

WHEREAS, System funds in the amount of \$675,936.28 are required for the project work; and

WHEREAS, the total amount of \$675,936.28 is available from the Project Fund for the project work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a construction contract to Texas Pride Utilities Limited Liability Company in an amount not to exceed \$675,936.28 in connection with the Multiple Sewershed Package 9 Project, (ii) to approve the expenditure of funds and make available an amount not to exceed \$675,936.28 from the Project Fund, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a construction contract with Texas Pride Utilities Limited Liability Company, and to

pay Texas Pride Utilities Limited Liability Company an amount not to exceed \$675,936.28 for the project work; now, therefore:

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

1. That a construction contract in an amount not to exceed \$675,936.28 is hereby awarded to Texas Pride Utilities Limited Liability Company, who is determined to be the lowest responsible bidder, in connection with the Multiple Sewershed Package 9 Project.
2. That the expenditure of funds in an amount not to exceed \$675,936.28 for the project work is hereby approved and made available from the Project Fund.
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a construction contract with Texas Pride Utilities Limited Liability Company, and to pay Texas Pride Utilities Limited Liability Company an amount not to exceed \$675,936.28 in connection with the Multiple Sewershed Package 9 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 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 1, 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, improper, 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 7th day of May, 2019.

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 2019 UNSPECIFIED PIPE BURSTING CONTRACT

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution awards a construction contract to Texas Pride Utilities Limited Liability Company, a local, MBE-Hispanic contractor, in an amount not to exceed \$1,879,150.00 in connection with the 2019 Unspecified Pipe Bursting Contract.

- The contract that is the subject of the attached resolution will, if approved, authorize work that is required by the Consent Decree for the 2019 Unspecified Pipe Bursting 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 12,000 feet of 8-inch through 15-inch sanitary sewer mains by pipe bursting method. Additionally, the manholes will be rehabilitated or replaced.
- Texas Pride Utilities Limited Liability Company has submitted the lowest responsible bid of \$1,879,150.00.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2019 Capital Improvement Program. This project is included in the Wastewater Core Business budget line item. The amount is \$1,879,150.00 for wastewater related construction work under job number 18-4527.

SUPPLEMENTARY COMMENTS:

RPS Infrastructure, Inc. prepared the bid proposal and specifications for the project. The engineer's estimated construction cost was \$2,643,160.49.

A bid opening was held on March 29, 2019, at 10:00 AM. The following bids were submitted:

Bidder	Bid Amount	Local/SMWVB
Texas Pride Utilities Limited Liability Company*	\$1,879,150.00	Local/MBE-Hispanic
Vortex Turnkey Solutions, LLC	\$1,899,950.00	Non-Local/Non-SMWVB
T Construction, LLC	\$2,253,719.00	Non-Local/Non-SMWVB
Pronto Sandblasting & Coating & Oil-Field Services Co., Inc.	\$2,499,984.00	Local/MBE-Hispanic
Cruz Tec, Inc.	\$2,584,680.00	Local/MBE-Hispanic
<i>Engineer's Estimate</i>	<i>\$2,643,160.49</i>	
Dorazio Enterprises, Inc.	\$3,054,738.00	Local/SBE
PM Construction & Rehab, LLC dba IPR South Central	\$3,451,025.50	Non-Local/Non-SMWVB

*Lowest Responsible Bidder

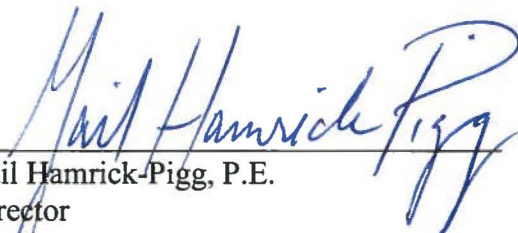
The bid amount represents a 28.91 percent decrease from the engineer's estimated construction cost.


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

2019 Unspecified Pipe Bursting Contract	
Texas Pride Utilities Limited Liability Company	
SMWVB Analysis – Board Award	
SBE	5.32%
MBE – African American	0.00%
MBE – Asian	0.00%
MBE – Hispanic	86.16%
MBE – Other	0.00%
WBE – Minority	0.00%
WBE – Non-Minority	0.00%
SMWVB Total	91.48%

Award of Construction Contract
2019 Unspecified Pipe Bursting Contract

Page 3



Gail 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

RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A CONSTRUCTION CONTRACT TO TEXAS PRIDE UTILITIES LIMITED LIABILITY COMPANY IN AN AMOUNT NOT TO EXCEED \$1,879,150.00 IN CONNECTION WITH THE 2019 UNSPECIFIED PIPE BURSTING CONTRACT; APPROVING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED \$1,879,150.00 FROM THE PROJECT FUND FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A CONSTRUCTION CONTRACT WITH TEXAS PRIDE UTILITIES LIMITED LIABILITY COMPANY, AND TO PAY TEXAS PRIDE UTILITIES LIMITED LIABILITY COMPANY AN AMOUNT NOT TO EXCEED \$1,879,150.00 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, Texas Pride Utilities Limited Liability Company, a local, MBE-Hispanic contractor, has submitted a bid of \$1,879,150.00 for the project work and has been determined to be the lowest responsible bidder; and

WHEREAS, System funds in the amount of \$1,879,150.00 are required for the project work; and

WHEREAS, the total amount of \$1,879,150.00 is available from the Project Fund for the project work; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a construction contract to Texas Pride Utilities Limited Liability Company in an amount not to exceed \$1,879,150.00 in connection with the 2019 Unspecified Pipe Bursting Contract, (ii) to approve the expenditure of funds and make available an amount not to exceed \$1,879,150.00 from the Project Fund, and (iii) to authorize the President/Chief Executive Officer or his duly appointed

designee to execute a construction contract with Texas Pride Utilities Limited Liability Company, and to pay Texas Pride Utilities Limited Liability Company an amount not to exceed \$1,879,150.00 for the project work; now, therefore:

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

1. That a construction contract in an amount not to exceed \$1,879,150.00 is hereby awarded to Texas Pride Utilities Limited Liability Company, who is determined to be the lowest responsible bidder, in connection with the 2019 Unspecified Pipe Bursting Contract.
2. That the expenditure of funds in an amount not to exceed \$1,879,150.00 for the project work is hereby approved and made available from the Project Fund.
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a construction contract with Texas Pride Utilities Limited Liability Company, and to pay Texas Pride Utilities Limited Liability Company an amount not to exceed \$1,879,150.00 in connection with the 2019 Unspecified Pipe Bursting 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 should 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 7th day of May, 2019.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

TO: San Antonio Water System Board of Trustees

FROM: Jose L. Carreno, P.E., Senior Director, Construction, 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. 3 IN CONNECTION WITH THE 2017 CIPP & PIPEBURST CONSTRUCTION CONTRACT

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution approves Change Order No. 3 in an amount not to exceed \$122,373.00 to the construction contract with Cruz Tec, Inc., a local, MBE-Hispanic firm, in connection with the 2017 CIPP & Pipeburst Construction Contract.

- The change order to the contract that is the subject of the attached resolution, if approved, will 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.
- On July 10, 2018 the Board of Trustees, by Resolution No. 18-143, authorized a construction contract with Cruz Tec, Inc., (the “Contractor”) in an amount not to exceed \$1,357,226.50 in connection with the 2017 Cured In Place Pipe (CIPP) & Pipeburst Construction Contract.
- The project involves rehabilitation of approximately 1.5 miles of sewer mains ranging from 8-inch to 18-inch via CIPP and pipe-bursting methods and associated manhole replacement and rehabilitation.
- During construction, contractor was rehabilitating the 8-inch sewer main on South Park Boulevard between Academic Court and Nogalitos Street. The services reconnects needed to be done by open cut, resulting in additional asphalt work. Per City of San Antonio, it was necessary to add a 2-inch mill and overlay for a five foot trench width for the entire length of the work.
- Change Order No. 3 in an amount not to exceed \$122,373.00, provides additional funds to the construction contract with Cruz Tec, Inc., for the costs associated with this additional work.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:


The Project Fund will finance this additional expenditure included in the CY 2019 Capital Improvement Program. This project is included in the Wastewater Core Business budget line item. The amount is \$122,373.00 for additional project work and funds will be transferred from the 2019 Owner Controlled Construction Change line item. The job number is 17-4549.

The authorizations for this project are as follows:

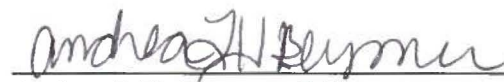
	Amount Authorized
Original Contract Amount (Resolution No. 18-143)	\$1,357,226.50
Previous Change Orders	70,830.00
Proposed Change Order No. 3	122,373.00
Revised Contract Amount	\$1,550,429.50

The revised construction contract amount for the System's work as a result of all change orders is \$1,550,429.50, which represents an increase of 14.2 percent from the original contract amount.

The original completion date for this contract was March 20, 2019. As a result of the previous change orders and this change order, which adds a total of 65 days the contract has been extended and the completion date is May 24, 2019.



Jose L. Carreno, P.E.
Senior Director
Construction



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

APPROVED:

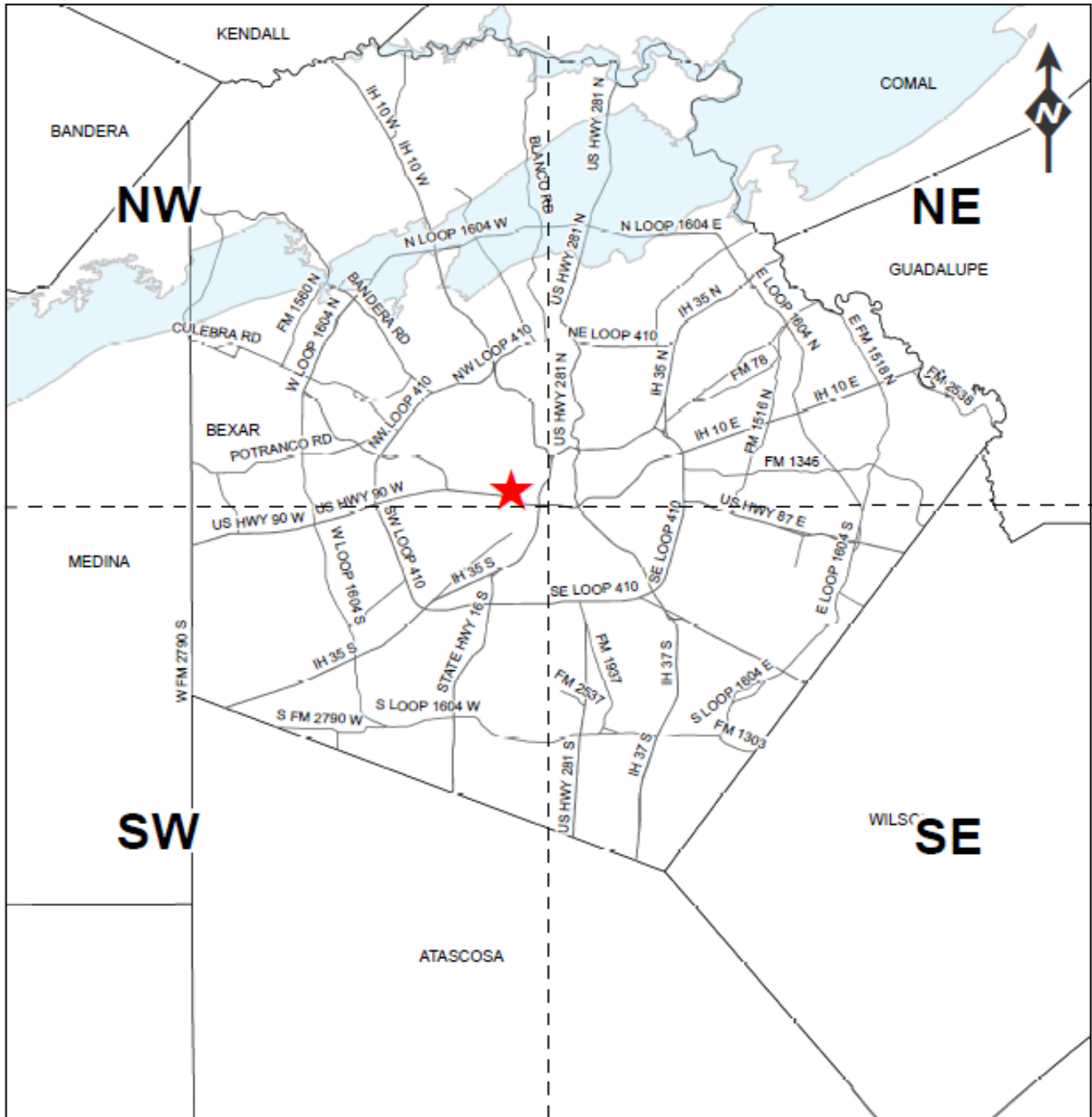


Robert R. Puente
President/Chief Executive Officer

Attachments:

1. Project Area Map
2. Project Site Map

SAN ANTONIO WATER SYSTEM PROJECT AREA MAP ATTACHMENT I



2017 CIPP & PIPEBURST CONTRACT SOUTH PARK WORK SITE LOCATION

LEGEND



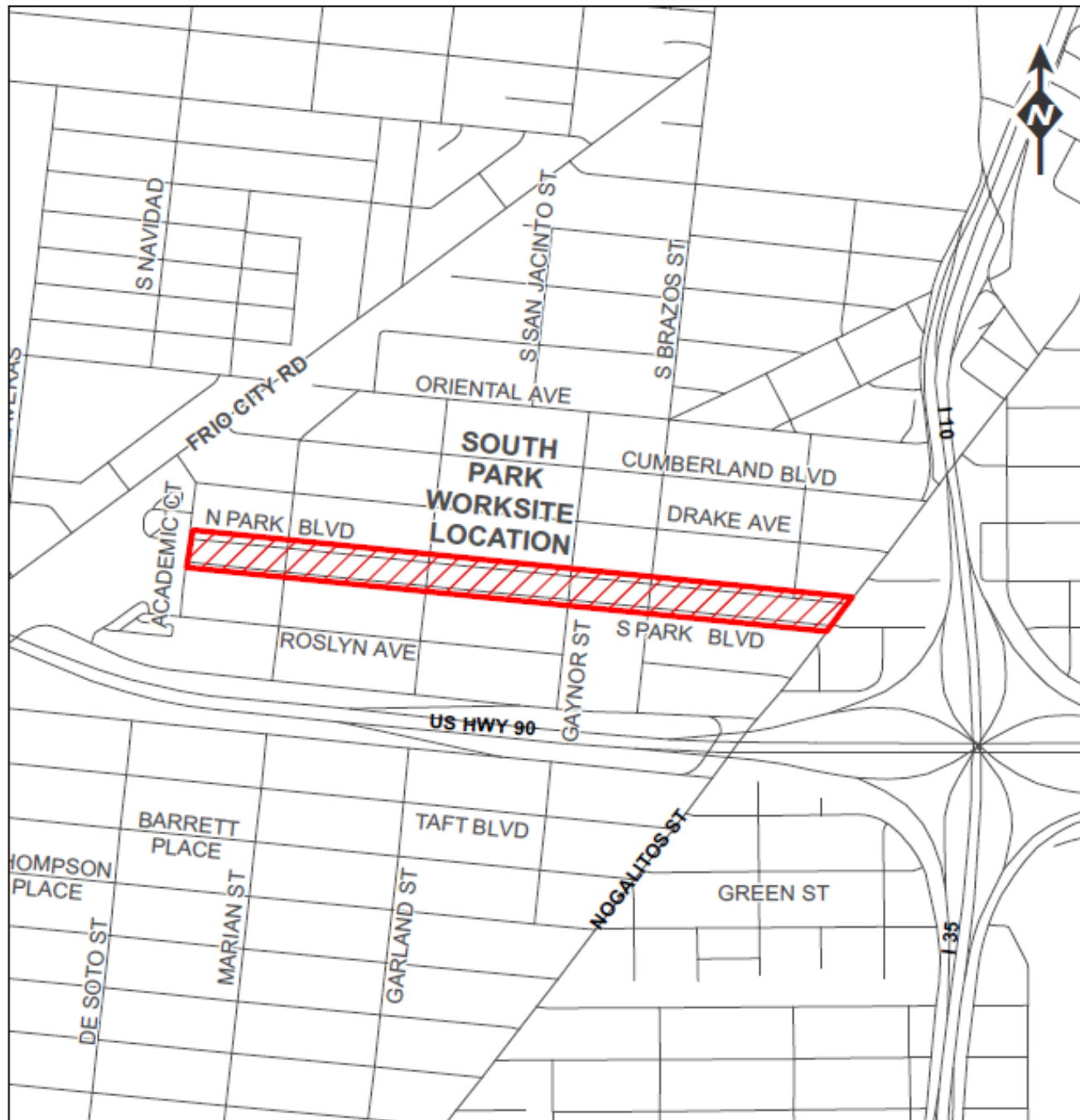
PROJECT SITE



EDWARDS AQUIFER RECHARGE ZONE



SAN ANTONIO WATER SYSTEM PROJECT SITE MAP ATTACHMENT II



2017 CIPP & PIPEBURST CONTRACT SOUTH PARK WORK SITE LOCATION

LEGEND

 Project Limits



RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING CHANGE ORDER NO. 3 IN AN AMOUNT NOT TO EXCEED \$122,373.00 FOR THE ADDITIONAL PROJECT WORK IN CONNECTION WITH THE 2017 CIPP & PIPEBURST CONSTRUCTION CONTRACT; AMENDING RESOLUTION NO. 18-143 BY APPROVING AN ADDITIONAL AMOUNT NO TO EXCEED \$122,373.00 FROM THE PROJECT FUND FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE CHANGE ORDER NO. 3, AND TO PAY CRUZ TEC, INC. AN AMOUNT NOT TO EXCEED \$122,373.00 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, on July 10, 2018, the San Antonio Water System's (the "System") Board of Trustees, by Resolution 18-143, authorized a construction contract with Cruz, Tec, Inc. (the "Contractor") in an amount not to exceed \$1,227,226.50 for the project work in connection with the 2017 CIPP & Pipeburst Construction Contract; and

WHEREAS, Change Order No. 3 is for additional asphalt work required by the City of San Antonio; and

WHEREAS, negotiations between the System and the Contractor resulted in a cost of \$122,373.00 for Change Order No. 3 for the additional project work; and

WHEREAS, additional System funds in an amount not to exceed \$122,373.00 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. 3 in an amount not to exceed \$122,373.00 payable to Cruz Tec, Inc. in connection with the 2017 CIPP & Pipeburst Construction Contract, (ii) to amend Resolution No. 18-143 by approving the expenditure of funds in an amount not to exceed \$122,373.00 from the Project Fund, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute Change Order No. 3, and to pay an additional amount not to exceed \$122,373.00 to Cruz Tec, Inc. for the project work; now, therefore:

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

1. That Change Order No. 3 in an amount not to exceed \$122,373.00 to the construction contract with Cruz Tec, Inc. in connection with the 2017 CIPP & Pipeburst Construction Contract is hereby approved.
2. That Resolution No. 18-143 is hereby amended by approving an additional amount not to exceed \$122,373.00 from the Project Fund for additional project work.
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute Change Order No. 3, and to pay Cruz Tec, Inc. an additional amount not to exceed \$122,373.00 for 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 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 1st day of May, 2019.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

TO: San Antonio Water System Board of Trustees

FROM: Juan D. Gomez, P.E., Interim 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: AWARD OF PROFESSIONAL SERVICES CONTRACT IN CONNECTION WITH THE 2019 WATER MAIN REPLACEMENT WORK ORDER ENGINEERING CONTRACT – PACKAGE I

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution awards a professional services contract to Bain Medina Bain, Inc., a local, WBE-Caucasian-certified firm, and authorizes funds in an amount not to exceed \$475,000.00 in connection with the 2019 Water Main Replacement Work Order Engineering Contract – Package I.

- The San Antonio Water System's (the "System") Engineering and Construction staff manages programmed CIP projects designed by consultants and in-house staff for emergency and non-emergency operations projects. A need exists for an outside consultant to provide engineering services beyond the capability of the System's staff due to workload and the need for specialized design services.
- In addition, local and state agencies typically hire engineering consultants to design their infrastructure improvement projects. In many cases, the System elects to contract with the same engineer to design water facility related work in connection with each project. However, there are some projects that require the System to use a separate design consultant.
- The use of Engineering Services Work Order contracts, over the past several years, has been very successful in ensuring that the System is able to meet the design and construction schedules of other agencies and the need for expedited design services for emergency and non-emergency work for water. This practice allows projects to be assigned as soon as they are identified, thereby avoiding delays associated with the selection of individual consultants for each project.
- Projects will be assigned to the contract on a work order basis as they are identified. The scope of services and fees will be negotiated for each project prior to authorization to proceed.
- System staff will review the design documents and coordinate with other utility and

governmental agencies. Construction may be jointly bid with the lead agency or may be accomplished through the use of System construction work order contracts.

- Bain Medina Bain, Inc. will provide professional services for this project for the negotiated not to exceed amount of \$475,000.00.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2019 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Main Replacement – Water, Water Main Replacement Work Order Engineering Contract – SAWS – 2019 budget line item. The amount is \$475,000.00. The job number is 19-4001.

SUPPLEMENTARY COMMENTS:

This contract will be valid for two years from the date of execution. Twenty-six firms responded to the Request for Qualifications. Bain Medina Bain, Inc. was selected through the System's Architect and Engineer Selection Process as a qualified consultant. The firms that provided interest statements are listed below:

Name of Firm	Local/SMWVB
6S Engineering, Inc.	Local/ WBE-Caucasian
Arcadis U.S., Inc.	Local/Non-SMWVB
Arredondo Zepeda & Brunz, LLC	Local/ MBE-Hispanic
Bain Medina Bain, Inc.*	Local/ WBE-Caucasian
BGE, Inc.	Local/Non-SMWVB
Big Red Dog, Inc. , a Division of Wantman Group, Inc.	Local/Non-SMWVB
Cobb Fendley & Associates, Inc.	Local/Non-SMWVB
Garcia Infrastructure Consultants, LLC	Local/ WBE-Hispanic
Gonzalez-De La Garza & Associates, LLC.	Local/ WBE-Hispanic
JQ Infrastructure, LLC	Local/ MBE-Asian
KCI Technologies, Inc.	Local/Non-SMWVB
LNV, Inc.	Local/MBE-Hispanic
Lockwood Andrews & Newnam, Inc.	Local/Non-SMWVB
Maestas and Associates, Inc.	Local/ MBE-Hispanic
Malone-Wheeler, Inc.	Local/SBE
Mendez Engineering, PLLC	Local/ MBE-Hispanic/VBE
Moreno Cardenas, Inc.	Local/ MBE-Hispanic
Moy Tarin Ramirez Engineers, LLC	Local/ MBE-Hispanic

Pape-Dawson Engineers, Inc.	Local/Non-SMWVB
Poznecki-Camarillo & Associates, Inc.	Local/ MBE-Hispanic
RESPEC Company, LLC	Local/Non-SMWVB
RPS Infrastructure, Inc.	Local/Non-SMWVB
Slay Engineering Company, Inc.	Local/SBE
Unintech Consulting Engineers, Inc.	Local/ WBE-Asian
Vickrey & Associates, Inc.	Local/WBE-Caucasian
Weston Solutions, Inc.	Local/Non-SMWVB

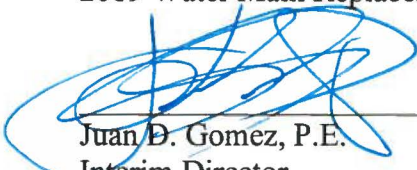
*Selected Firm

Bain Medina Bain, Inc., proposed to use the following sub-consultants for services on this contract:


Name of Firm	Percent of Fee	Local/SMWVB
Arredondo, Zepeda, & Brunz, LLC	15.00%	Local/MBE-Hispanic
Arias & Associates, Inc.	5.00%	Local/MBE-Hispanic
Underground Services, Inc.	5.00%	Local/SBE

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

2019 Water Main Replacement Work Order Engineering Contract – Package I Bain Medina Bain, Inc. SMWVB Analysis – Board Award	
SBE	5.00%
MBE–African American	0.00%
MBE–Asian	0.00%
MBE–Hispanic	20.00%
MBE–Other	0.00%
WBE–Minority	0.00%
WBE–Non–Minority	75.00%
SMWVB Total	100.00%



Juan D. Gomez, P.E.
Interim Director
Plants and Major Projects



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

APPROVED:



Robert R. Puente
President/Chief Executive Officer

RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A PROFESSIONAL SERVICES CONTRACT TO BAIN MEDINA BAIN, INC. IN AN AMOUNT NOT TO EXCEED \$475,000.00 IN CONNECTION WITH THE 2019 WATER MAIN REPLACEMENT WORK ORDER ENGINEERING CONTRACT – PACKAGE I; APPROVING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED \$475,000.00 FROM THE PROJECT FUND FOR THE PROJECT ENGINEERING DESIGN WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A PROFESSIONAL SERVICES CONTRACT WITH BAIN MEDINA BAIN, INC., AND TO PAY BAIN MEDINA BAIN, INC. AN AMOUNT NOT TO EXCEED \$475,000.00 FOR THE PROJECT ENGINEERING DESIGN 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”) requires professional engineering services for the 2019 Water Main Replacement Work Order Engineering Contract – Package I (the “project engineering design work”); and

WHEREAS, the System has solicited statements of qualification for the required project engineering work; and

WHEREAS, the System’s Architect and Engineer Selection Committee has selected Bain Medina Bain, Inc., to provide the required project engineering design work; and

WHEREAS, Bain Medina Bain, Inc., a local WBE-Caucasian-certified firm, is deemed to be the most highly qualified provider of these engineering services on the basis of demonstrated competence and qualifications; and

WHEREAS, Bain Medina Bain, Inc. will perform the required project engineering design work on a work order basis as individual projects are identified under this contract, the associated scopes and fees for each project are negotiated, and authorization to proceed is granted by the System’s staff; and

WHEREAS, System funds in an amount not to exceed \$475,000.00 are required for the project engineering design work; and

WHEREAS, the required amount not to exceed \$475,000.00 is available from the Project Fund; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a professional services contract to Bain Medina Bain, Inc. in an amount not to exceed \$475,000.00 in connection with the 2019 Water Main Replacement Work Order Engineering Contract – Package I, (ii) to approve the expenditure of funds and make available an amount not to exceed \$475,000.00 from the Project Fund for the project engineering design work, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a professional services contract with Bain Medina Bain, Inc., and to pay Bain Medina Bain, Inc. an amount not to exceed \$475,000.00 for the project engineering design work; now, therefore:

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

1. That a professional services contract in an amount not to exceed \$475,000.00 is hereby awarded to Bain Medina Bain, Inc. in connection with the 2019 Water Main Replacement Work Order Engineering Contract – Package I.
2. That the expenditure of funds in an amount not to exceed \$475,000.00 for the project engineering design work is hereby approved and made available from the Project Fund.
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a professional services contract with Bain Medina Bain, Inc., and to pay Bain Medina Bain, Inc. an amount not to exceed \$475,000.00 for the project engineering design work.
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 7th day of May, 2019.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

DRAFT

TO: San Antonio Water System Board of Trustees

FROM: Juan D. Gomez, P.E., Interim 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: AWARD OF PROFESSIONAL SERVICES CONTRACT IN CONNECTION WITH THE 2019 WATER MAIN REPLACEMENT WORK ORDER ENGINEERING CONTRACT - PACKAGE II

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution awards a professional services contract to RPS Infrastructure, Inc., a local, Non-SMWVB firm, and authorizes funds in an amount not to exceed \$475,000.00 in connection with the 2019 Water Main Replacement Work Order Engineering Contract – Package II.

- The San Antonio Water System's (the "System") Engineering and Construction staff manages programmed CIP projects designed by consultants and in-house staff for emergency and non-emergency operations projects. A need exists for an outside consultant to provide engineering services beyond the capability of the System's staff due to workload and the need for specialized design services.
- In addition, local and state agencies typically hire engineering consultants to design their infrastructure improvement projects. In many cases, the System elects to contract with the same engineer to design water facility related work in connection with each project. However, there are some projects that require the System to use a separate design consultant.
- The use of Engineering Services Work Order contracts, over the past several years, has been very successful in ensuring that the System is able to meet the design and construction schedules of other agencies and the need for expedited design services for emergency and non-emergency work for water. This practice allows projects to be assigned as soon as they are identified, thereby avoiding delays associated with the selection of individual consultants for each project.
- Projects will be assigned to the contract on a work order basis as they are identified. The scope of services and fees will be negotiated for each project prior to authorization to proceed.
- System staff will review the design documents and coordinate with other utility and governmental agencies. Construction may be jointly bid with the lead agency or may be

accomplished through the use of System construction work order contracts.

- RPS Infrastructure, Inc. will provide professional services for this project for the negotiated not to exceed amount of \$475,000.00.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2019 Capital Improvement Program. The water work is included in the Water Delivery Core Business, Main Replacement – Water, Water Main Replacement Work Order Engineering Contract – SAWS – 2019 budget line item. The amount is \$475,000.00. The job number is 19-4001.

SUPPLEMENTARY COMMENTS:

This contract will be valid for two years from the date of execution. Twenty six firms responded to the Request for Qualifications. RPS Infrastructure, Inc. was selected through the System's Architect and Engineer Selection Process as a qualified consultant. The firms that provided interest statements are listed below:

Name of Firm	Local/SMWVB
6S Engineering, Inc.	Local/ WBE-Caucasian
Arcadis U.S., Inc.	Local/Non-SMWVB
Arredondo Zepeda & Brunz, LLC	Local/ MBE-Hispanic
Bain Medina Bain, Inc.	Local/ WBE-Caucasian
BGE, Inc.	Local/Non-SMWVB
Big Red Dog, Inc., a Division of Wantman Group, Inc.	Local/Non-SMWVB
Cobb Fendley & Associates, Inc.	Local/Non-SMWVB
Garcia Infrastructure Consultants, LLC	Local/ WBE-Hispanic
Gonzalez-De La Garza & Associates, LLC.	Local/ WBE-Hispanic
JQ Infrastructure, LLC	Local/ MBE-Asian
KCI Technologies, Inc.	Local/Non-SMWVB
LNV, Inc.	Local/MBE-Hispanic
Lockwood Andrews & Newnam, Inc.	Local/Non-SMWVB
Maestas and Associates, Inc.	Local/ MBE-Hispanic
Malone-Wheeler, Inc.	Local/SBE
Mendez Engineering, PLLC	Local/ MBE-Hispanic/VBE
Moreno Cardenas, Inc.	Local/ MBE-Hispanic

Moy Tarin Ramirez Engineers, LLC	Local/ MBE-Hispanic
Pape-Dawson Engineers, Inc.	Local/Non-SMWVB
Poznecki-Camarillo & Associates, Inc.	Local/ MBE-Hispanic
RESPEC Company, LLC	Local/Non-SMWVB
RPS Infrastructure, Inc.*	Local/Non-SMWVB
Slay Engineering Company, Inc.	Local/SBE
Unintech Consulting Engineers, Inc.	Local/ WBE-Asian
Vickrey & Associates, Inc.	Local/ WBE-Caucasian
Weston Solutions, Inc.	Local/Non-SMWVB

*Selected Firm

RPS Infrastructure, Inc., proposed to use the following sub-consultants for services on this contract:


Name of Firm	Percent of Fee	Local/SMWVB
Unintech Consulting Engineers, Inc.	10.00%	Local/WBE-Asian
Arias & Associates, Inc.	5.00%	Local/MBE-Hispanic
Garcia Infrastructure Consultants, LLC	15.00%	Local/WBE-Hispanic
The Rios Group, Inc.	5.00%	Local/WBE-Hispanic
Medina Consulting Company, Inc.	2.00%	Local/WBE-Caucasian
Construct-Ability, LLC	3.00%	Local/Non-SMWVB

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

2019 Water Main Replacement Work Order Engineering Contract – Package II	
RPS Infrastructure, Inc.	
SMWVB Analysis – Board Award	
SBE	0.00%
MBE–African American	0.00%
MBE–Asian	0.00%
MBE–Hispanic	5.00%
MBE–Other	0.00%
WBE–Minority	30.00%
WBE–Non–Minority	2.00%
SMWVB Total	37.00%



Juan D. Gomez, P.E.
Interim Director
Plants and Major Projects



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

APPROVED:



Robert R. Puente
President/Chief Executive Officer

RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING A PROFESSIONAL SERVICES CONTRACT TO RPS INFRASTRUCTURE, INC. IN AN AMOUNT NOT TO EXCEED \$475,000.00 IN CONNECTION WITH THE 2019 WATER MAIN REPLACEMENT WORK ORDER ENGINEERING CONTRACT – PACKAGE II; APPROVING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED \$475,000.00 FROM THE PROJECT FUND FOR THE PROJECT ENGINEERING DESIGN WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A PROFESSIONAL SERVICES CONTRACT WITH RPS INFRASTRUCTURE, INC., AND TO PAY RPS INFRASTRUCTURE, INC. AN AMOUNT NOT TO EXCEED \$475,000.00 FOR THE PROJECT ENGINEERING DESIGN 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”) requires professional engineering services for the 2019 Water Main Replacement Work Order Engineering Contract – Package II (the “project engineering design work”); and

WHEREAS, the System has solicited statements of qualification for the required project engineering design work; and

WHEREAS, the System’s Architect and Engineer Selection Committee has selected RPS Infrastructure, Inc., to provide the required project engineering design work; and

WHEREAS, RPS Infrastructure, Inc. is deemed to be the most highly qualified provider of these engineering services on the basis of demonstrated competence and qualifications; and

WHEREAS, RPS Infrastructure, Inc., a local non-SMWVB firm, will perform the required project engineering design work on a work order basis as individual projects are identified under this contract, the associated scopes and fees for each project are negotiated, and authorization to proceed is granted by the System’s staff; and

WHEREAS, System funds in an amount not to exceed \$475,000.00 are required for the project engineering design work; and

WHEREAS, the required amount not to exceed \$475,000.00 is available from the Project Fund; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award a professional services contract to RPS Infrastructure, Inc. in an amount not to exceed \$475,000.00 in connection with the 2019 Water Main Replacement Work Order Engineering Contract – Package II, (ii) to approve the expenditure of funds and make available an amount not to exceed \$475,000.00 from the Project Fund for the project engineering design work, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a professional services contract with RPS Infrastructure, Inc., and to pay RPS Infrastructure, Inc. an amount not to exceed \$475,000.00 for the project engineering design work; now, therefore:

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

1. That a professional services contract in an amount not to exceed \$475,000.00 is hereby awarded to RPS Infrastructure, Inc. in connection with the 2019 Water Main Replacement Work Order Engineering Contract – Package II.
2. That the expenditure of funds in an amount not to exceed \$475,000.00 for the project engineering design work is hereby approved and made available from the Project Fund
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a professional services contract with RPS Infrastructure, Inc., and to pay RPS Infrastructure, Inc. an amount not to exceed \$475,000.00 for the project engineering design work.
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 7th day of May, 2019.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

DRAFT

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: APPROVAL OF CHANGE ORDER NO. 1 IN CONNECTION WITH THE CENTRAL WATER INTEGRATION PIPELINE – BITTERS PUMP STATION AND SEGMENT 5-3 PROJECT

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution approves Change Order No. 1 in an amount not to exceed \$1,525,558.80 to the construction contract with MGC Contractors, Inc., a local, non-SMWVB contractor, in connection with the Central Water Integration Pipeline – Bitters Pump Station and Segment 5-3 Project.

- On September 11, 2018, the Board, by Resolution 18-219, authorized a construction contract with MGC Contractors, Inc. (the “Contractor”) in an amount not to exceed \$17,765,969.00 for the project work in connection with the Central Water Integration Pipeline – Bitters Pump Station and Segment 5-3 Project (the “Project”).
- The Project includes a new booster pump station, a new five million gallon prestressed concrete ground storage tank, a new flow control valve and associated yard piping, and approximately 1,900 feet of 48-inch steel water transmission main.
- On February 27, 2018, the Texas Commission on Environmental Quality issued an exception request allowing the transmission main segments of the SAWS Central Water Integration Pipeline to be operated at a minimum pressure of 5 pounds per square-inch (psi). To meet the conditions of the exception request, all customer connections to the transmission main segments must be removed. The work included in Change Order No. 1 consists of construction and installation of a pressure reducing valve, disconnects from existing distribution mains that will operate as a transmission main with Vista Ridge water, associated reconnects to maintain reliable water delivery, and the installation of multiple combination air release valves to improve operation of the transmission main.
- Change Order No. 1 in an amount not to exceed \$1,525,558.80 adds this work to the Central Water Integration Pipeline – Bitters Pump Station Improvements and Segment 5-3 Project since that contractor is working in the vicinity of the proposed work sites and can meet the expedited schedule.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2019 Capital Improvement Program. This project is included in the Water Resources Core Business budget line item. Funds for Change Order No. 1 will be transferred from 18-8608. The total amount requested for this change order is \$1,525,558.80. The Job No. is 18-8613.

	Amount Authorized
Original Contract Amount (Resolution No. 18-219)	\$17,765,969.00
Proposed Change Order No. 1	1,525,558.80
Revised Contract Amount	\$19,291,527.80

The revised construction contract amount for the System's work as a result of all change orders is \$19,291,527.80, which represents an increase of 8.59 percent from the original contract amount.

SUPPLEMENTARY COMMENTS:

Maestas & Associates, Inc. prepared the plans and specifications for the scope of work included in this change order. The engineer's estimated construction cost was \$1,631,631.11. The negotiated amount for Change Order No. 1 is 6.5 percent less than the engineer's estimate.

The work included in Change Order No. 1 will be completed by the contractual intermediate completion milestone of December 31, 2019, and this Change Order will not add any days to the construction contract.



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



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

A detailed map of Bexar County, Texas, showing its major highways and geographical features. The county is bordered by Kendall, Comal, Guadalupe, Medina, Atascosa, and Wilson counties. The map is divided into four quadrants: NW, NE, SW, and SE. Major highways include US HWY 16 N, US HWY 90 W, US HWY 151, US HWY 281 N, US HWY 281 S, US HWY 78, US HWY 87 E, US HWY 181 S, and US HWY 2538. Loop roads include NW LOOP 410, NE LOOP 410, SE LOOP 410, SW LOOP 410, N LOOP 1604 W, N LOOP 1604 E, E LOOP 1604 N, E LOOP 1604 S, W LOOP 1604 N, W LOOP 1604 S, S LOOP 1604 W, and LOOP 107. Other roads include Culebra Rd, Potranco Rd, State Hwy 151, State Hwy 211 S, State Hwy 2790 S, W FM 2790 W, S FM 2790 W, FM 1560 N, FM 1346, FM 1516 N, FM 1518 S, FM 1937, FM 2537, FM 327, and FM 1303. A red star is located near the intersection of US HWY 281 N and NW LOOP 410. A north arrow is in the top right corner.

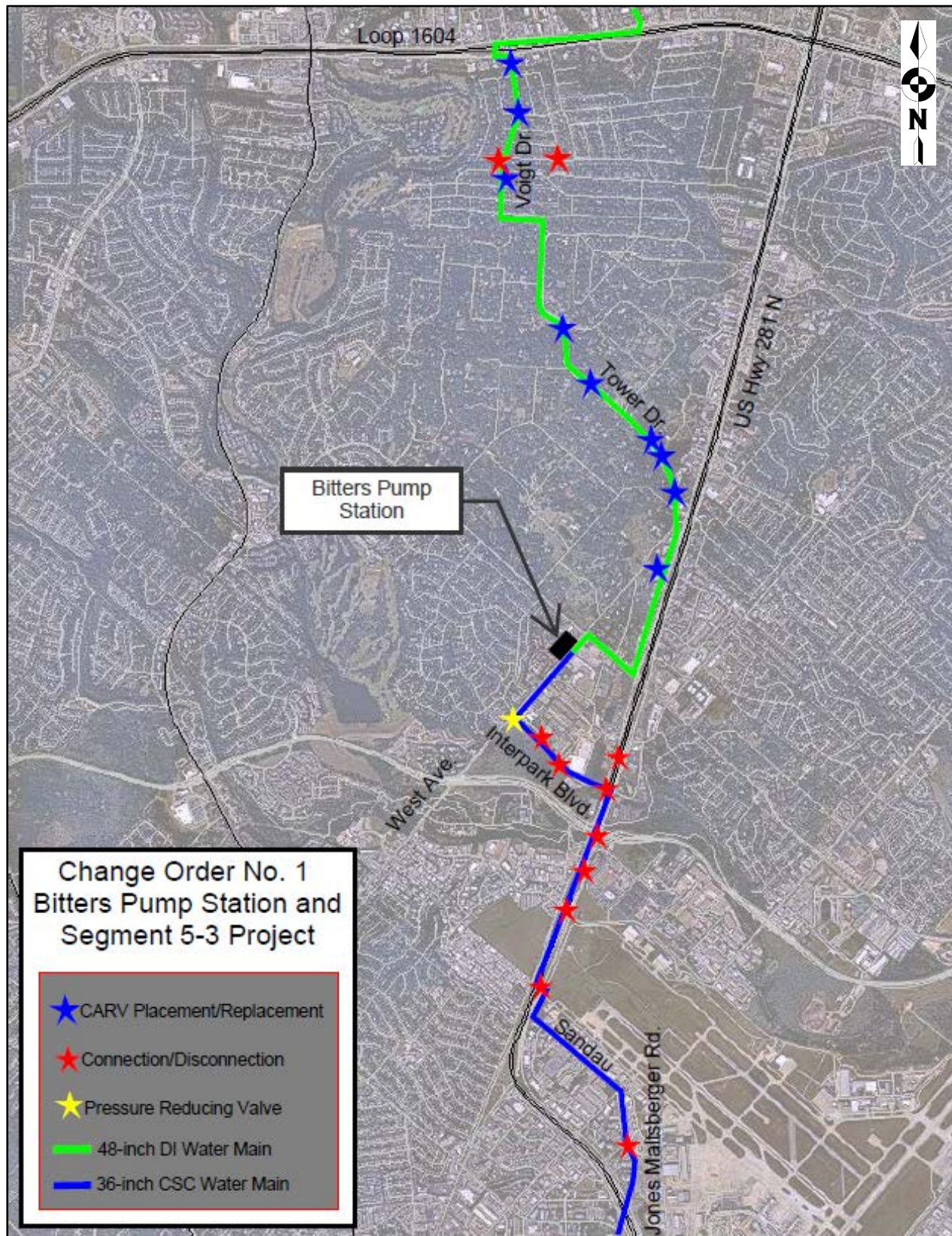
LEGEND



EDWARDS RECHARGE ZONE



SAN ANTONIO WATER SYSTEM PROJECT SITE MAP ATTACHMENT II



RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING CHANGE ORDER NO. 1 IN AN AMOUNT NOT TO EXCEED \$1,525,558.80 FOR THE ADDITIONAL PROJECT WORK IN CONNECTION WITH CENTRAL WATER INTEGRATION PIPELINE – BITTERS PUMP STATION AND SEGMENT 5-3 PROJECT; AMENDING RESOLUTION NO. 18-219 BY APPROVING AN ADDITIONAL AMOUNT NO TO EXCEED \$1,525,558.80 FROM THE PROJECT FUND FOR THE PROJECT WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE CHANGE ORDER NO. 1, AND TO PAY MGC CONTRACTORS, INC. AN AMOUNT NOT TO EXCEED \$1,525,558.80 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, on September 11, 2018, the San Antonio Water System's (the "System") Board of Trustees, by Resolution 18-219, authorized a construction contract with MGC Contractors, Inc. (the "Contractor") for an amount not to exceed \$17,765,969.00 for the project work in connection with the Central Water Integration Pipeline – Bitters Pump Station and Segment 5-3 Project; and

WHEREAS, Change Order No. 1 includes installation of a pressure reducing valve and multiple combination air release valves as well as construction of the pipeline disconnects and reconnects required to meet the conditions of the TCEQ exception request for the transmission main operating pressure while maintaining reliable water delivery; and

WHEREAS, negotiations between the System and the Contractor resulted in a cost of \$1,525,558.80 for Change Order No. 1 for the additional project work; and

WHEREAS, additional System funds in an amount not to exceed \$1,525,558.80 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. 1 in an amount not to exceed \$1,525,558.80 payable to MGC Contractors, Inc., in connection with the Central Water Integration Pipeline – Bitters Pump Station and Segment 5-3 Project, (ii) to amend Resolution No. 18-219 by approving the expenditure of funds in an amount not to exceed \$1,525,558.80 from the Project Fund, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute Change Order No. 1, and to pay an additional amount not to exceed \$1,525,558.80 to MGC Contractors, Inc. for the project work; now, therefore:

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

1. That Change Order No. 1 in an amount not to exceed \$1,525,558.80 to the construction contract with MGC Contractors, Inc. in connection with the Central Water Integration Pipeline – Bitters Pump Station and Segment 5-3 Project is hereby approved.
2. That Resolution No. 18-219 is hereby amended by approving an additional amount not to exceed \$1,525,558.80 from the Project Fund for additional project work.
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute Change Order No. 1, and to pay MGC Contractors, Inc. an additional amount not to exceed \$1,525,558.80 for 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 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 501, 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 7th day of May, 2019.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

TO: San Antonio Water System Board of Trustees

FROM: Juan D. Gomez, P.E., Interim 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: AWARD OF PROFESSIONAL SERVICES CONTRACT IN CONNECTION WITH THE LIFT STATIONS REHABILITATION PHASE 5 PROJECT

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution awards a professional services contract to BGE, Inc., a local, non-SMWVB firm, and authorizes funds in an amount not to exceed \$1,146,816.00 in connection with the Lift Stations Rehabilitation Phase 5 Project (the “Project”).

- The San Antonio Water System (the “System”) currently operates and maintains 153 sanitary sewer lift stations spread over a wide service area including 28 lift stations located over the Edwards Aquifer Recharge Zone.
- To ensure regulatory compliance and to minimize the likelihood of failures, the rehabilitation of these lift stations is required. The System has initiated a program to assess, rehabilitate, and upgrade lift stations in five phases to be completed by 2023 as required by the Environmental Protection Agency’s 2013 Consent Decree.
- This project is the last phase of the lift station rehabilitation program and includes the rehabilitation of fifteen lift stations and demolition of three lift stations located at the Port Authority of San Antonio and Lackland Air Force Base.
- The assessment of these lift stations was completed as part of the Lift Station Rehabilitation Program. The assessment recommended safety and operational improvements, security fencing, and other improvements to stay in regulatory compliance.
- A Preliminary Engineering Report was completed for these sixteen lift stations in September 2017. The report included preliminary environmental studies and design concepts for the following: replacement of pumps, wet well rehabilitation, wet well capacity increase if needed, electrical system replacement, emergency power, Supervisory Control and Data Acquisition System (SCADA), security fencing, and safety and operational upgrades.
- The scope of work for this project includes verifying these design concepts, conducting the comprehensive environmental studies, and providing for the design for construction.

- A Request for Qualifications was issued on November 19, 2018 for professional services for this project, and three interest statements were received for the project. BGE, Inc. was selected through the System's Architect and Engineer Selection Process.
- BGE, Inc. will provide professional services for this project for the negotiated not to exceed amount of \$1,146,816.00.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2019 Capital Improvement Program. The project work is included in the Wastewater Core Business, Collection Facilities Category, Lift Stations Rehabilitation Phase 5 budget line item. The amount is \$1,146,816.00 under job number 16-2502.

SUPPLEMENTARY COMMENTS:

Three firms responded to the Request for Qualifications. BGE, Inc. was selected through the System's Architect and Engineer Selection Process as a qualified consultant. The submitting firms are as follows:

Name of Firm	Local/SMWVB
Alan Plummer Association, Inc.	Local/Non-SMWVB
BGE, Inc.*	Local/Non-SMWVB
Weston Solutions, Inc.	Local/Non-SMWVB

*Selected Firm

BGE, Inc. proposes to use the following sub-consultants for services on this contract:


Name of Firm	Percent of Fee	Local/SMWVB
Alan Plummer Associates, Inc.	10.00%	Local/Non-SMWVB
Arias & Associates, Inc.	2.00%	Local/MBE-Hispanic
Fernandez, Frazer, White and Associates, Inc.	6.00%	Local/MBE-Hispanic
Gupta & Associates, Inc.	25.00%	Local/MBE-Asian
Unintech Consulting Engineers, Inc.	7.00%	Local/WBE-Asian

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

Lift Stations Rehabilitation Phase 5 Project	
BGE, Inc.	
SMWVB Analysis – Board Award	
SBE	0.00%
MBE – African American	0.00%
MBE – Asian	25.00%
MBE – Hispanic	8.00%
MBE – Other	0.00%
WBE – Minority	7.00%
WBE – Non-Minority	0.00%
SMWVB Total	40.00%



Juan E. Gomez, P.E.
Interim Director
Plants and Major Projects



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

APPROVED:



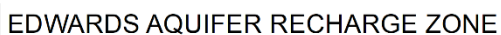
Robert R. Puente
President/Chief Executive Officer

Attachments:

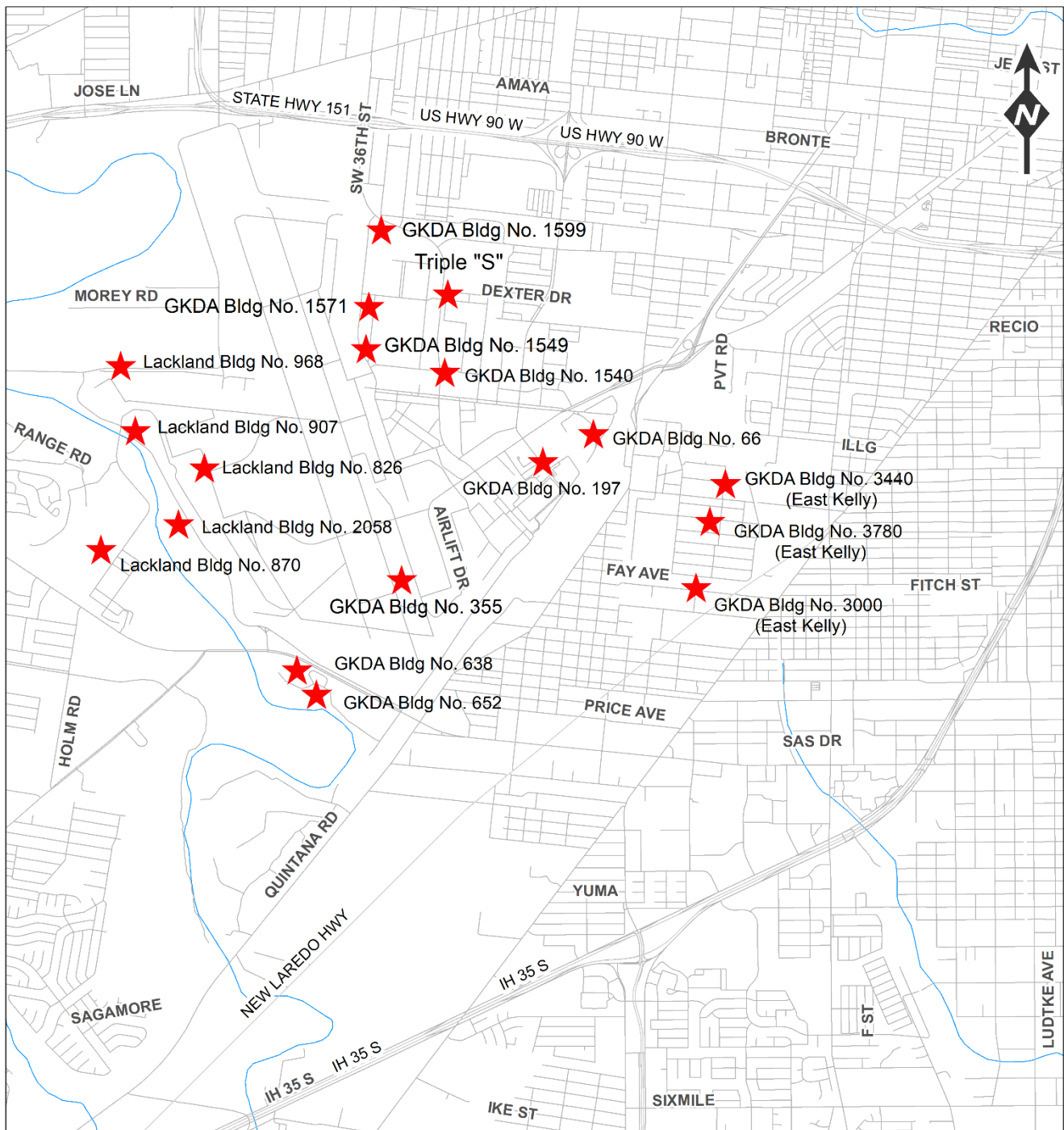
1. Project Area Map
2. Project Site Map

LIFT STATIONS

REHABILITATION - PHASE 5



SAN ANTONIO WATER SYSTEM PROJECT SITE MAP ATTACHMENT II



LIFT STATIONS REHABILITATION - PHASE 5

LEGEND

★ PROJECT SITES



RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDED A PROFESSIONAL SERVICES CONTRACT TO BGE, INC. IN AN AMOUNT NOT TO EXCEED \$1,146,816.00 IN CONNECTION WITH THE LIFT STATIONS REHABILITATION PHASE 5 PROJECT; APPROVING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED \$1,146,816.00 FROM THE PROJECT FUND FOR THE PROJECT ENGINEERING WORK; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE A PROFESSIONAL SERVICES CONTRACT WITH BGE, INC., AND TO PAY BGE, INC. AN AMOUNT NOT TO EXCEED \$1,146,816.00 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, the San Antonio Water System (the “System”) requires professional services for design of the Lift Stations Rehabilitation Phase 5 Project (the “Project”); and

WHEREAS, the System has solicited proposals for the required project engineering work in connection with the project; and

WHEREAS, the System’s Architect and Engineer Selection Committee has selected BGE, Inc. to provide the required project engineering work in connection with the project; and

WHEREAS, BGE, Inc., a local, non-SMWVB firm, is deemed to be the most highly qualified provider of these engineering services on the basis of demonstrated competence and qualifications and for a fair and reasonable price; and

WHEREAS, BGE, Inc. has submitted a proposal in an amount not to exceed \$1,146,816.00 to provide the required project engineering work for the project; and

WHEREAS, System funds in an amount not to exceed \$1,146,816.00 are required for the project engineering work; and

WHEREAS, the required amount not to exceed \$1,146,816.00 is available from the Project Fund; and

WHEREAS, the San Antonio Water System’s Board of Trustees desires (i) to award a professional services contract to BGE, Inc. in an amount not to exceed \$1,146,816.00 in

connection with the Lift Stations Rehabilitation Phase 5 Project, (ii) to approve the expenditure of funds and make available an amount not to exceed \$1,146,816.00 from the Project Fund for the project engineering work, and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute a professional services contract with BGE, Inc., and to pay BGE, Inc. an amount not to exceed \$1,146,816.00 for the project engineering work; now, therefore:

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

1. That a professional services contract in an amount not to exceed \$1,146,816.00 is hereby awarded to BGE, Inc. in connection with the Lift Stations Rehabilitation Phase 5 Project.
2. That the expenditure of funds in an amount not to exceed \$1,146,816.00 for the project engineering work is hereby approved and made available from the Project Fund
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a professional services contract with BGE, Inc., and to pay BGE, Inc. an amount not to exceed \$1,146,816.00 for the project engineering 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 should 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 7th day of May, 2019.

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 INTERLOCAL AGREEMENT AND AUTHORIZING EXPENDITURES TO THE CITY OF CASTLE HILLS IN CONNECTION WITH THE CASTLE HILLS PHASE III ANTLER PROJECT

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the President/Chief Executive Officer to execute an Interlocal Agreement with the City of Castle Hills (the “City”) and authorizes expenditures to the City in an amount not to exceed \$1,406,572.35 for the joint construction of water and sewer facility replacements in connection with the Castle Hills Phase III Antler Drive Project.

- The City proposes to construct street and drainage improvements in the area illustrated on the attached maps. The City’s improvement work is estimated to cost \$1,456,579.00.
- Due to the proposed construction of the street and drainage improvements for the Castle Hills Phase III Antler Drive Project, the existing water constructed between 1956 through 1980 require replacement to meet current San Antonio Water System (the “System”) standards.
- The existing sewer mains that were constructed in 1961, require replacement to meet current System standards.
- The water replacement work will consist of approximately 3,093 feet of 8-inch water main.
- The sewer replacement work will consist of approximately 2,915 feet of 8-inch sewer main.
- The City approved the bid of R.L Jones, L.P. for construction of this project on April 9, 2019. As part of the joint bidding, advanced approval for funding and for the execution of an Interlocal Agreement is required by the City prior to issuing a notice to proceed on construction.
- Funds, as determined by the amount bid, will be transferred to City following the execution of the Interlocal Agreement.

Approval of an Interlocal Agreement and Authorization for
Expenditure of Funds to the City of Castle Hills for
Castle Hills Phase III Antler Drive Project

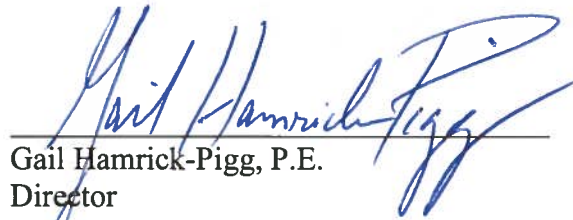
Page 2

Staff recommends that the Board approve this resolution.


FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2019 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 \$514,829.70 for water work. The job number is 17-4003.

The sewer work is included in the Wastewater Delivery Core Business, Governmental – Wastewater Category, and Governmental Wastewater Replacements budget line item. The amount is \$891,742.65 for sewer work. The job number is 17-4548.



Gail Hamrick-Pigg, P.E.
Director
Pipelines



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

APPROVED:

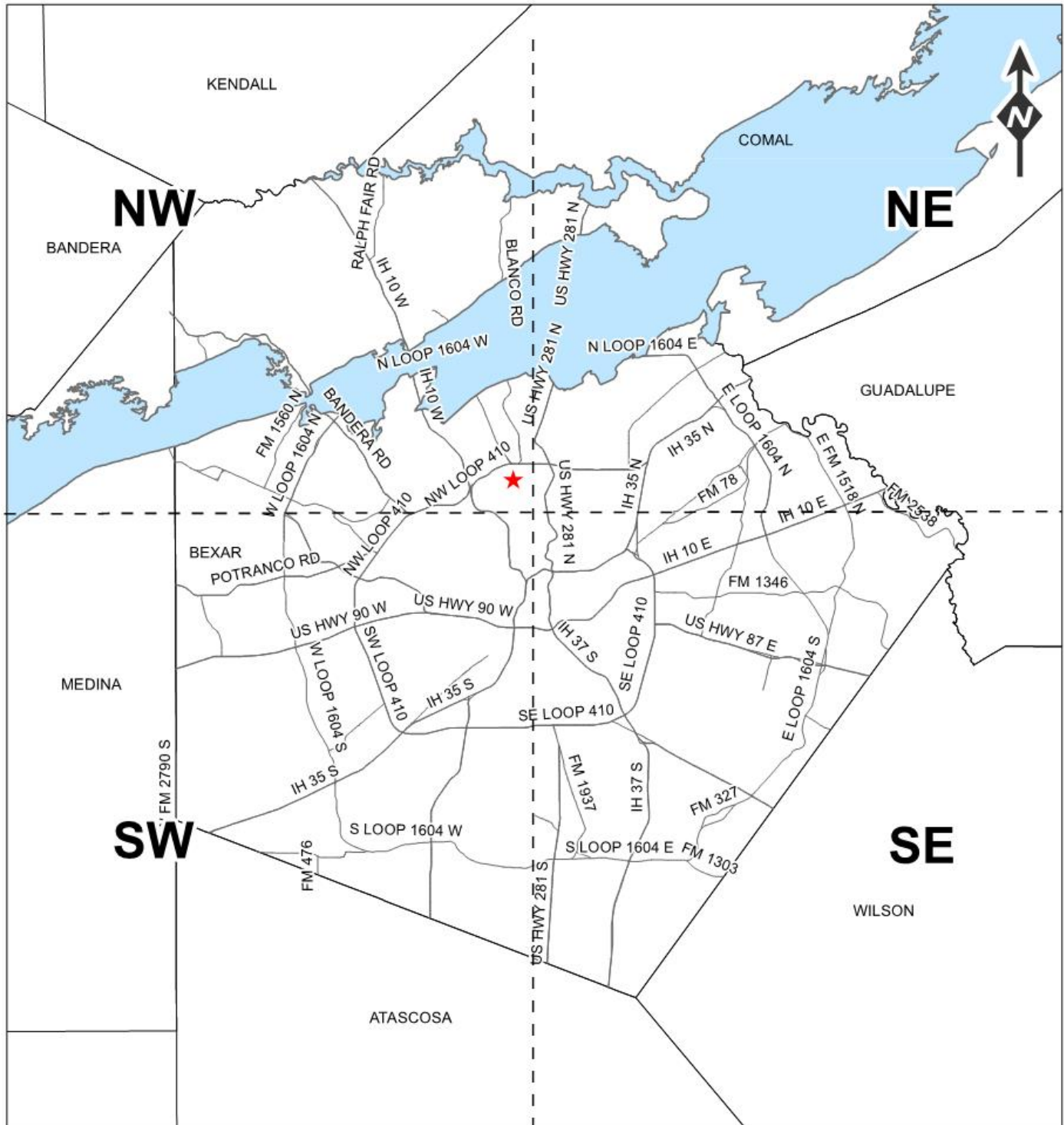


Robert R. Puente
President/Chief Executive Officer

Attachments:

1. Project Area Map
2. Project Site Map

SAN ANTONIO WATER SYSTEM PROJECT AREA MAP ATTACHMENT I



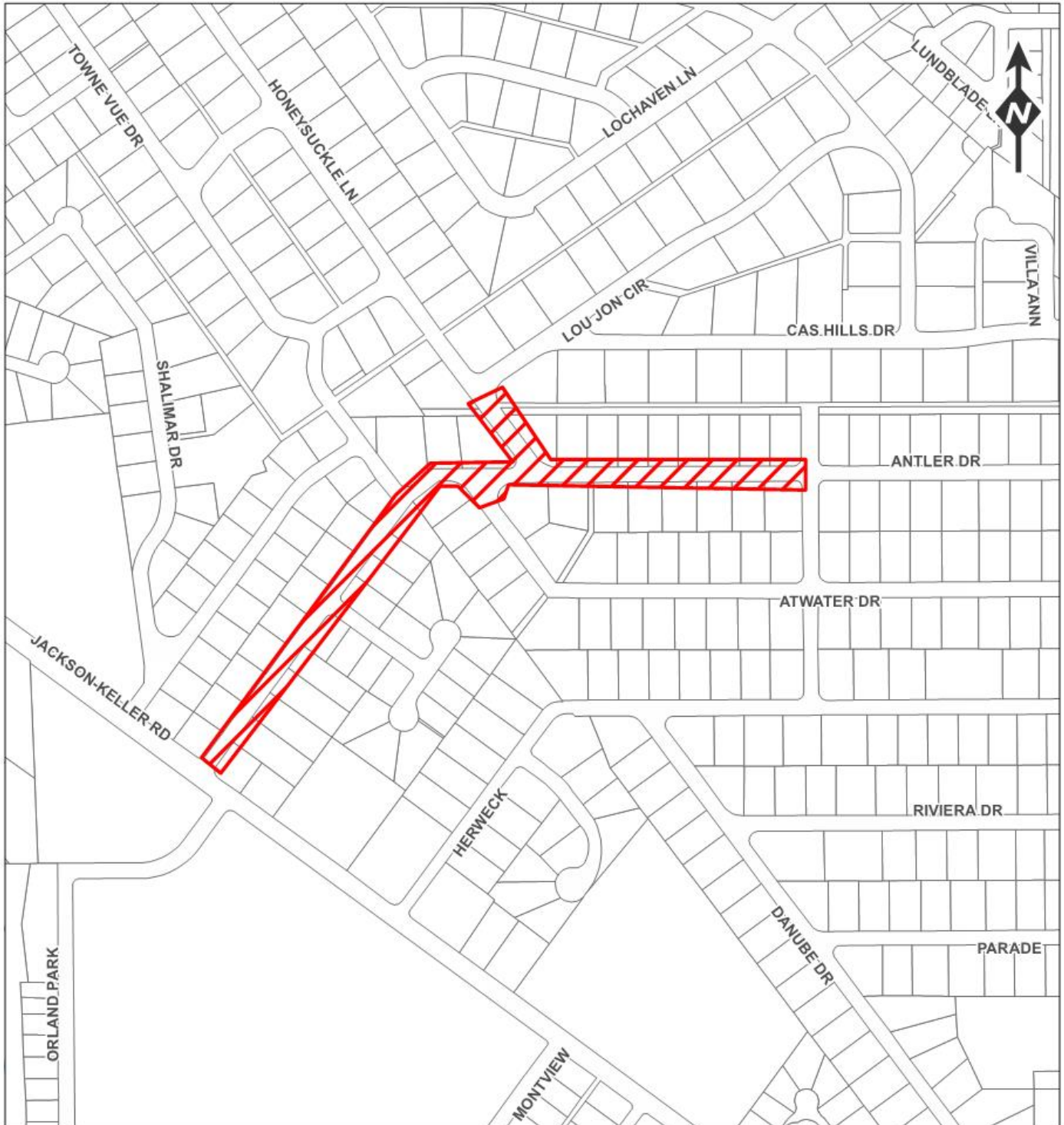
CASTLE HILLS PHASE III ANTLER DRIVE

LEGEND

- ★ PROJECT SITE
 ■ EDWARDS AQUIFER RECHARGE ZONE



SAN ANTONIO WATER SYSTEM PROJECT SITE MAP ATTACHMENT II



CASTLE HILLS PHASE III ANTLER DRIVE

LEGEND



RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES APPROVING AN INTERLOCAL AGREEMENT WITH THE CITY OF CASTLE HILLS AND AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE THE INTERLOCAL AGREEMENT FOR THE REPLACEMENT OF WATER AND SEWER FACILITIES BY CITY OF CASTLE HILLS IN CONNECTION WITH THE CASTLE HILLS PHASE III ANTLER DRIVE PROJECT; AUTHORIZING THE EXPENDITURE OF FUNDS IN AN AMOUNT NOT TO EXCEED \$1,406,572.35 FOR THE SYSTEM'S SHARE OF 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, City of Castle Hills (the "City") proposes to construct the Castle Hills Phase III Antler Drive Project; and

WHEREAS, the Castle Hills Phase III Antler Drive Project will require the replacement of certain water and sewer facilities (the "project work") of the San Antonio Water System (the "System"); and

WHEREAS, to increase the efficiency and effectiveness of local governments the City 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 \$1,406,572.35 are required for the project work; and

WHEREAS, the total amount of \$1,406,572.35 is available from the 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 City for the replacement of water and sewer facilities by the City in connection with the Castle Hills Phase III Antler Drive Project and to authorize the President/Chief Executive Officer or his duly appointed designee to execute the Interlocal Agreement, and (ii) to authorize the expenditure of funds in an amount not to exceed \$1,406,572.35 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 City, 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 City in connection with the Castle Hills Phase III Antler Drive Project.
2. That the expenditure of funds in an amount not to exceed \$1,406,572.35 for the replacement of water and sewer facilities by the City in connection with the Castle Hills Phase III Antler Drive 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 7th day of May, 2019.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

INTERLOCAL AGREEMENT

This Interlocal Agreement is made and entered into this ____ day of _____, 2019, by and between the **CITY OF CASTLE HILLS**, a political subdivision of the State of Texas ("CITY"), and **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 CITY's improvement of the Castle Hills Phase III Antler Drive Project (the "Project") from Jackson Keller Rd. to Buckaroo Dr. by including certain necessary SAWS installations and replacement in CITY's Specifications for the Project, thus assuring the coordination of CITY's road improvement with SAWS's replacements and installations.

SERVICE

2.01 CITY agrees to include in the Castle Hills Phase III Antler Drive Project Specifications for the Project, the plans and specifications for SAWS Water Job No. 17-4003 and SAWS Sewer Job No. 17-4548 which SAWS prepared and delivered to CITY and is incorporated by reference herein, and to contract for the performance of SAWS Water Job No. 17-4003 and SAWS Sewer Job No. 17-4548 (the "SAWS Work").

2.02 Immediately after tabulating all of the bids received for the Project, CITY will notify SAWS in writing of the name of the contractor selected by CITY for the Project (the "Contractor") and bid amount (Original Bid) for the SAWS Work.

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

2.04 CITY 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.

FEE

3.01 Within four (4) weeks of the written receipt of the Original Bid for the SAWS Work, SAWS shall conditionally deliver to CITY good and sufficient funds (the "Funds") for the bid amount plus two percent (2%) contingency and shall have provided two signed copies of this Interlocal Agreement to the CITY. CITY will return one fully executed original to SAWS. Any

and all control and/or beneficial use of the funds by the CITY pursuant to the delivery of the Funds by SAWS, will be contingent on SAWS receiving a fully executed original of this Interlocal Agreement from the CITY.

3.02 For materials and construction used in the SAWS Work, SAWS agrees to pay to CITY the amount of One Million, Four Hundred Six Thousand, Five Hundred Seventy-Two Dollars and Thirty-Five Cents (\$1,406,572.35), which includes the Original Bid amount and a two percent (2%) contingency, receipt of which is hereby acknowledged.

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

- (a) Costs exceed Original Bid but do not exceed the Original Bid plus two percent (2%) contingency. Once CITY receives notice from the Contractor that additional funds will be needed for SAWS Work, CITY will notify SAWS in writing of the change order. Unless, SAWS objects within five (5) business days of receipt of the written notification of the change order, CITY will proceed with SAWS Work and utilize the contingency amount for payment to the Contractor.
- (b) Change Orders. If change orders are requested by SAWS or required for SAWS Work under this Agreement, SAWS will make a change order request and SAWS's staff or SAWS's Consultant shall prepare the change order. If CITY requires a change order that affects the SAWS Work, the change order will be submitted to SAWS staff for approval. SAWS staff agrees to use good faith efforts to respond to change orders within five 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. In no event will SAWS's deliberative process be allowed to jeopardize CITY's timely completion of CITY's Project, as determined by CITY. SAWS staff is under no obligation to approve any change orders, and in no event shall SAWS be responsible for costs or expenses under change orders that are not approved by SAWS staff. If a change order results in total costs exceeding the amount stated in §3.02, CITY will send copies of invoices covering the additional amounts authorized by a change order approved by SAWS staff, and SAWS shall pay CITY the additional amounts in the approved change order within fifteen (15) days, unless further time is required for Board action to appropriate funds. A change order resulting in total costs exceeding the amount stated in §3.02 that is approved in writing and signed by authorized SAWS staff shall, upon the Board action to appropriate the funds for the change order, have the automatic effect of amending §3.02 to increase the total amount in §3.02 by the total change order amount.
- (c) A change order that results in total costs reducing the amount stated in §3.02 and that is approved in writing and signed by authorized SAWS staff shall have the

automatic effect of amending §3.02 to decrease the total amount in §3.02 by the total change order amount.

3.04 If the cost of performing the SAWS Work is less than the amount actually paid by SAWS for SAWS Work under this Agreement, CITY agrees to refund the overpayment to SAWS within fifteen (15) days of determination of same.

SAWS'S RESPONSIBILITY

4.01 SAWS agrees to accept full responsibility for inspection and acceptance of work performed as the SAWS Work.

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 performed 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 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 CITY'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 CITY, which consent may be withheld if CITY 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, CITY 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 CITY agrees to include SAWS in the list of parties being indemnified by the CITY contractors under contract documents, so that SAWS receives the benefit of all indemnities under the contract documents.

INSURANCE

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

- (a) With regard to insurance coverage during the construction phase of the Project, CITY shall require all consultants, contractors, subcontractors and suppliers to maintain insurance coverage limits that are sufficient to compensate CITY 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 CITY as an additional insured. CITY shall provide SAWS's Designated Representative 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. CITY will not allow any modifications to the insurance coverage through which SAWS may incur increased risks.
- (b) CITY shall require all contractors and service providers to maintain statutory worker's compensation insurance for all of their employees with a waiver of subrogation in favor of CITY and SAWS.
- (c) CITY will require the consultants, contractors, 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, CITY shall determine whether to require performance bonds.

EXECUTED IN DUPLICATE ORIGINALS, EACH OF WHICH WILL HAVE FULL FORCE AND EFFECT ON THIS _____ DAY OF _____, 2019.

SAN ANTONIO WATER SYSTEM

By: _____
Robert R. Puente
President and CEO

Date: _____

CITY OF CASTLE HILLS

By: _____
John Rapelye
City Manager

Date: _____

ACKNOWLEDGEMENTS ON NEXT PAGE

ACKNOWLEDGEMENTS

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

This instrument was acknowledged before me on the 7th day of May, 2019 by Robert R. Puente, President and CEO of the San Antonio Water System, a Texas municipal corporation, on behalf of said corporation.

NOTARY PUBLIC

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

This instrument was acknowledged before me on the 7th day of May, 2019 by Ryan Rapelye, City Manager of the City of Castle Hills, a Type A- General Law Municipality corporation and political subdivision of the State of Texas, on behalf of said corporation.

NOTARY PUBLIC

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 SEWER LINE EASEMENT FOR THE E-20 WURZBACH PARKWAY PROJECT

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution authorizes the purchase of one permanent sewer line easement containing approximately 0.801 acres (the “Easement”) for the E-20 Wurzbach Parkway Project (the “Project”). It also authorizes the expenditure of \$125,000.00 for the Easement.

- The Project is located outside of Loop 410 in the vicinity of Salado Creek and Wurzbach Parkway, extending from a point south of Nacogdoches Road to a point near NE Entrance Road.
- It is the intent of this Project to replace existing sanitary sewer main that is under capacity and eliminate an existing siphon in order to eliminate sanitary sewer overflows along this pipeline and reduce maintenance costs. The Project will involve replacement of 36-inch and 42-inch sanitary sewer pipes with a 54-inch sanitary sewer pipe at a cost of approximately \$20,600,000.00.
- San Antonio Water System (SAWS) requires the acquisition of real property, being the Easement, which traverses overland from the Bittersweet subdivision located at the southeast corner of Wurzbach Parkway and Jones Maltsberger Road, San Antonio, Bexar County, Texas for the construction of the Project.
- The property on which the Easement is located is owned by Mill Bridge Associates, Ltd., a Texas Limited Partnership (the “Owner”).
- SAWS and the Owner have agreed on a purchase amount of \$125,000.00 for the Easement.

Staff recommends that the Board approve this resolution.

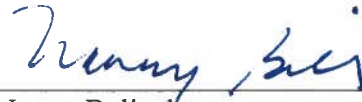
FINANCIAL IMPACT:

The Project Fund will incur the 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, Wastewater Core Business, Main Replacements Category.

The total amount is \$125,000.00 for the acquisition of the Easement.



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 SEWER LINE EASEMENT BEING APPROXIMATELY 0.801 ACRES (THE “EASEMENT”) FROM MILL BRIDGE ASSOCIATES, LTD., 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 (THE “PROJECT”) IN A TOTAL AMOUNT NOT TO EXCEED \$125,000.00; 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 Mill Bridge Associates, Ltd., a Texas limited partnership (the “Owner”); and

WHEREAS, the Owner has agreed to grant the Easement to the System for the sum of \$125,000.00; and

WHEREAS, funds in the amount not to exceed \$125,000.00 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 \$125,000.00 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 for the Project is hereby approved.
2. That the expenditure from the Project Fund in the CY 2016 Capital Improvement Program, Wastewater Core Business, Main Replacement Category budget in a total amount not to exceed \$125,000.00 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 effectuate the acquisition of the Easement and to pay an amount not to exceed \$125,000.00 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 7th day of May, 2019.

Berto Guerra, Jr., Chairman

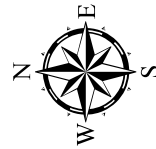
ATTEST:

Amy Hardberger, Secretary

Attachments:

I Aerial Map

II Permanent Easement Agreement



AERIAL DEPICTION ATTACHMENT I

E-20 WURZBACH PARKWAY PROJECT SEGMENT 2

Project: E-20: Wurzbach Parkway Project
Parcel: P17-263

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 – SEWER

STATE OF TEXAS	§	
	§	KNOW ALL MEN BY THESE PRESENTS
COUNTY OF BEXAR	§	

THAT, **MILL BRIDGE ASSOCIATES, LTD.**, a Texas limited partnership, 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 sewer lines and facilities, and appurtenances thereto, in, on, over and through the lands located in Bexar County, Texas as follows:

Being a .801 of an acre (34,872 sq. ft.), tract of land, out of the remaining portion of Lot 18, New City Block 8644 of the Bittersweet Subdivision recorded in Volume 9520, Page 14 of the Deed and Plat Records of Bexar County, Texas and out of a 11.98 acre tract, recorded in Volume 19064, Page 798 of the Official Public Records of Bexar County, Texas and amended in Document Number 20180177469 of the Official Public Records of Bexar County, Texas, and being out of the Antonio Perez Survey No. 10, Abstract No. 571, County Block 5013, 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, 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. Notwithstanding the foregoing, Grantor may install a fire hydrant within the Easement Area, subject to Grantee review and approval of the location of the fire hydrant within the Easement Area.

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.

EXECUTED effective this 5 day of APRIL, 2019.

GRANTOR:

**MILL BRIDGE ASSOCIATES, LTD, a Texas
limited partnership**

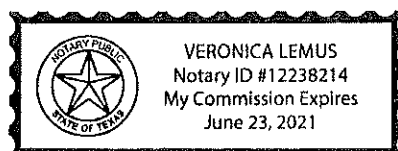
By: Mill Bridge Inc., a Texas corporation
Its general partner

Angela A. Pfeiffer
By: Angela A. Pfeiffer
Title: President

STATE OF TEXAS §
COUNTY OF BEXAR §

This instrument was acknowledged before me on this 5th day of April, 2019, by Angela A. Pfeiffer, the President of Mill Bridge, Inc., a Texas corporation and the general partner of Mill Bridge Associates, Ltd., a Texas limited partnership, on behalf of said limited partnership.

[Seal]



[Signature]
Notary Public

FIELD NOTES

**For a 0.801 of an Acre (34,872 square feet)
(Permanent Sanitary Sewer Easement)**

BEING A 0.801 OF AN ACRE (34,872 SQ. FT.), TRACT OF LAND, OUT OF THE REMAINING PORTION OF LOT 18, NEW CITY BLOCK 8644 OF THE BITTERSWEET SUBDIVISION RECORDED IN VOLUME 9520, PAGE 14 OF THE DEED AND PLAT RECORDS OF BEXAR COUNTY, TEXAS AND OUT OF A 11.98 ACRE TRACT, RECORDED IN VOLUME 19064, PAGE 798 OF THE OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS AND AMENDED IN DOCUMENT NUMBER 20180177469 OF THE OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS AND BEING OUT OF THE ANTONIO PEREZ SURVEY NO. 10, ABSTRACT NO. 571, COUNTY BLOCK 5013, BEXAR COUNTY, TEXAS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

Beginning at a found ½ iron rod with a 3" aluminum disk monument in the southwest Right-of-Way line of Wurzbach Parkway a variable width Right-of-Way plan C.S.J. 8000-15-007 and the northeast line of said remaining portion of Lot 18 and the northwest corner of the remainder of a 100 acre tract, recorded in Volume 1807, Pages 574-575 of the Deed Records of Bexar County, Texas, for the northeast corner of the herein described tract.

- (1) Thence, S.40°55'33"W., 37.43 feet, leaving the southwest Right-of-Way line of said Wurzbach Parkway with the common line of said remainder of a 100 acre tract and said Lot 18, New City Block 8644, to a set ½ iron rod with yellow plastic cap stamped "B.M.B. INC. EASEMENT", for the southeast corner of the herein describe tract;

Departing the northwest line of said remainder of a 100 acre tract and crossing said Lot 18, New City Block 8644, the following bearings and distances:

- (2) N.52°26'08"W., 256.54 feet, to a set ½ iron rod with yellow plastic cap stamped "B.M.B. INC. EASEMENT", for an angle point of the herein describe tract;
- (3) N.51°17'27"W., 163.45 feet, to a set ½ iron rod with yellow plastic cap stamped "B.M.B. INC. EASEMENT", for an angle point of the herein describe tract;
- (4) N.52°34'08"W., 348.64 feet, to a set ½ iron rod with yellow plastic cap stamped "B.M.B. INC. EASEMENT", for an angle point of the herein describe tract;
- (5) S.37°25'52"W., 13.00 feet, to a set ½ iron rod with yellow plastic cap stamped "B.M.B. INC. EASEMENT", for an angle point of the herein describe tract;

Project Name: San Antonio Water System
E-20: Wurzbach Parkway Segment II
SAWS Job No.: 16-4507
SAWS Parcel Number: P17-263

- (6) N.52°34'08"W., 155.57 feet, to a point on the southeast Right-of-Way line of Jones Maltsberger road, a 73' Right-of-Way as shown on said plat of Bittersweet Subdivision, for the west corner of the herein describe tract, from which the south corner of the southeast cutback of said Jones Maltsberger road Right-of-Way, bears N.85°29'42"E., 9.74 feet.

Thence, along the said southeast Right-of-Way line of Jones Maltsberger road, a 73' Right-of-Way and the southwest Right-of-Way line said Wurzbach Parkway a variable width Right-of-Way, the following bearings and distances:

- (7) N.85°29'42"E., 74.82 feet, to a found ½ " iron rod, for the northwest corner of the herein describe tract;
- (8) S.52°34'08"E., 448.97 feet, to a point, for an angle point of the herein describe tract;
- (9) S.51°17'27"E., 163.49 feet, to a found ½ " iron rod, for an angle point of the herein describe tract;
- (10) S.52°26'08"E., 230.90 feet, to the P.C. of a tangent curve to the left of the herein describe tract;
- (11) An arc distance of 27.47 feet, along said tangent curve to the left, having a radius of 1,035.10 feet, a tangent of 13.74 feet, a delta of 01°31'14", and a chord bearing and distance of S.53°11'45"E., 27.47 feet, to the **POINT OF BEGINNING** and containing 0.801 of an acre (34,872 sq. ft.) of land.

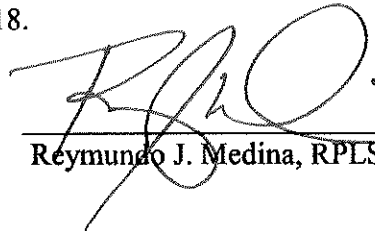
Bearings based on NAD 83(93), Texas South Central Zone.

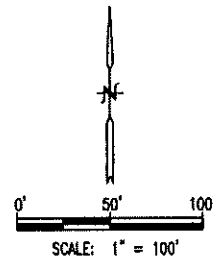
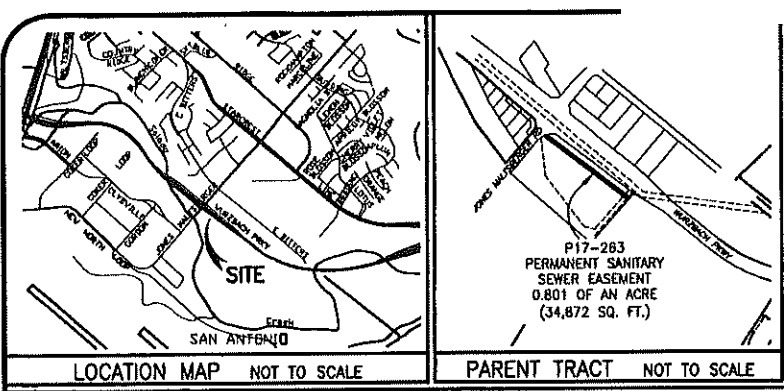
All distances are surface.

This property description is accompanied by a separate plat of even date.

Surveyed on the ground the 4th day of October, 2018.




Reymundo J. Medina, RPLS 4794

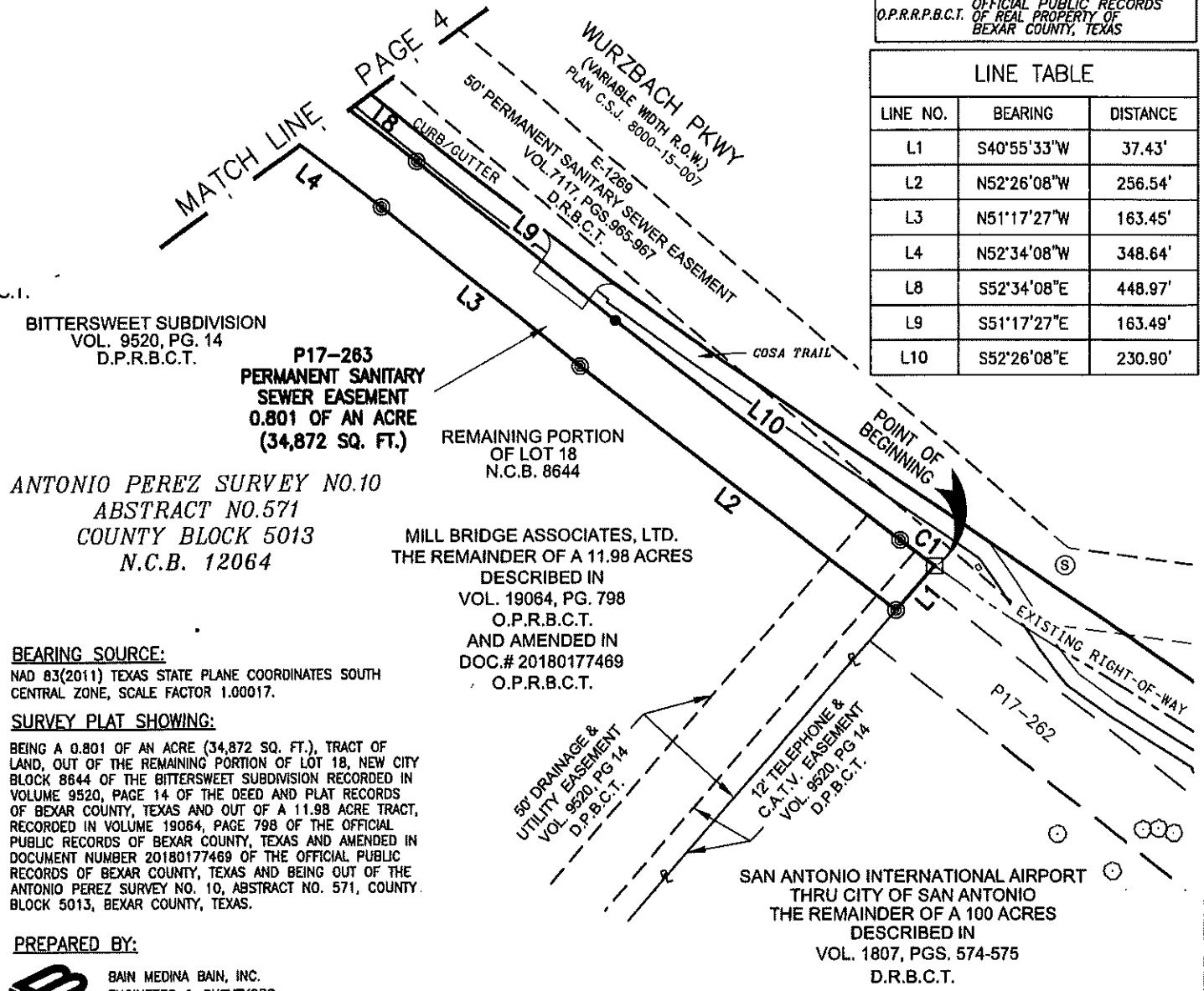


Owner: MILL BRIDGE ASSOCIATES, LTD.
 Project Name: San Antonio Water System
 E-20: Wurzbach Parkway Segment II
 SAWS Job No.: 16-4507
 SAWS Parcel: P17-263

LEGEND	
	FOUND 1/2" IRON ROD WITH 3" ALUMINUM DISK MONUMENT
	FOUND 1/2" IRON ROD
	SET 1/2" IRON ROD WITH YELLOW PLASTIC CAP STAMPED "B.M.B. INC. EASEMENT"
	TO A POINT
	LIGHT POLE
	POWER POLE
	SIGN
	EXISTING R.O.W
	PROPOSED PARCEL
	PROPERTY LINE
D.P.R.B.C.T. DEED AND PLAT RECORDS OF BEXAR COUNTY, TEXAS	
D.R.B.C.T. DEED RECORDS OF BEXAR COUNTY, TEXAS	
O.P.R.B.C.T. OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS	
O.P.R.R.P.B.C.T. OFFICIAL PUBLIC RECORDS OF REAL PROPERTY OF BEXAR COUNTY, TEXAS	

CURVE TABLE						
CURVE NO.	ARC LENGTH	RADIUS	TANGENT	DELTA	CHORD BEARING	CHORD LENGTH
C1	27.47'	1,035.10'	13.74'	01°31'14"	S53°11'45"E	27.47'

LINE TABLE		
LINE NO.	BEARING	DISTANCE
L1	S40°55'33"W	37.43'
L2	N52°26'08"W	256.54'
L3	N51°17'27"W	163.45'
L4	N52°34'08"W	348.64'
L8	S52°34'08"E	448.97'
L9	S51°17'27"E	163.49'
L10	S52°26'08"E	230.90'



BITTERSWEET SUBDIVISION
 VOL. 9520, PG. 14
 D.P.R.B.C.T.

P17-263
 PERMANENT SANITARY
 SEWER EASEMENT
 0.801 OF AN ACRE
 (34,872 SQ. FT.)

ANTONIO PEREZ SURVEY NO.10
 ABSTRACT NO.571
 COUNTY BLOCK 5013
 N.C.B. 12064

BEARING SOURCE:
 NAD 83(2011) TEXAS STATE PLANE COORDINATES SOUTH
 CENTRAL ZONE, SCALE FACTOR 1.00017.

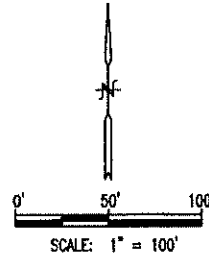
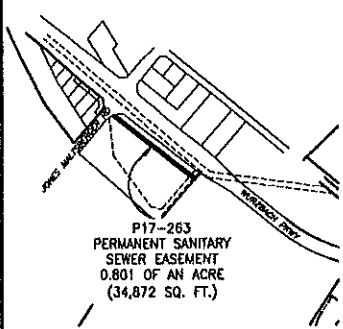
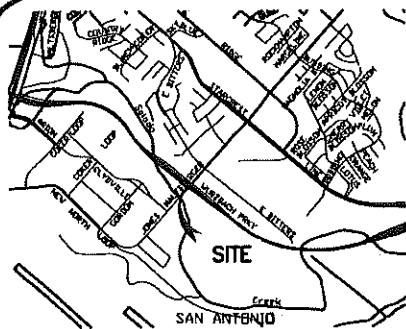
SURVEY PLAT SHOWING:
 BEING A 0.801 OF AN ACRE (34,872 SQ. FT.), TRACT OF
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 BLOCK 8644 OF THE BITTERSWEET SUBDIVISION RECORDED IN
 VOLUME 9520, PAGE 14 OF THE DEED AND PLAT RECORDS
 OF BEXAR COUNTY, TEXAS AND OUT OF A 11.98 ACRE TRACT,
 RECORDED IN VOLUME 19064, PAGE 798 OF THE OFFICIAL
 PUBLIC RECORDS OF BEXAR COUNTY, TEXAS AND AMENDED IN
 DOCUMENT NUMBER 20180177469 OF THE OFFICIAL PUBLIC
 RECORDS OF BEXAR COUNTY, TEXAS AND BEING OUT OF THE
 ANTONIO PEREZ SURVEY NO. 10, ABSTRACT NO. 571, COUNTY
 BLOCK 5013, BEXAR COUNTY, TEXAS.

MILL BRIDGE ASSOCIATES, LTD.
 THE REMAINDER OF A 11.98 ACRES
 DESCRIBED IN
 VOL. 19064, PG. 798
 O.P.R.B.C.T.
 AND AMENDED IN
 DOC.# 20180177469
 O.P.R.B.C.T.

PREPARED BY:

BAIN MEDINA BAIN, INC.
 ENGINEERS & SURVEYORS
 7073 San Pedro Ave.
 San Antonio, Texas 78216
 210/494-7223
 TLSF REG No. 100209-00

SAN ANTONIO INTERNATIONAL AIRPORT
 THRU CITY OF SAN ANTONIO
 THE REMAINDER OF A 100 ACRES
 DESCRIBED IN
 VOL. 1807, PGS. 574-575
 D.R.B.C.T.



Owner: MILL BRIDGE ASSOCIATES, LTD.
 Project Name: San Antonio Water System
 E-20: Wurzbach Parkway Segment II
 SAWS Job No.: 16-4507
 SAWS Parcel: P17-263

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D.P.R.B.C.T.	DEED AND PLAT RECORDS OF BEXAR COUNTY, TEXAS
D.R.B.C.T.	DEED RECORDS OF BEXAR COUNTY, TEXAS
O.P.R.B.C.T.	OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS
O.P.R.P.B.C.T.	OFFICIAL PUBLIC RECORDS OF REAL PROPERTY OF BEXAR COUNTY, TEXAS

LINE TABLE		
LINE NO.	BEARING	DISTANCE
L4	N52°34'08"W	348.64'
L5	S37°25'52"W	13.00'
L6	N52°34'08"W	155.57'
L7	N85°29'42"E	74.82'
L8	S52°34'08"E	448.97'

STATE OF TEXAS
 0.403 OF AN ACRE
 PARCEL 123
 VOL. 9614, PG. 1447
 O.P.R.R.P.B.C.T.

50' PERMANENT SANITARY SEWER EASEMENT

COSA TRAIL

P17-264

2C

1C

JM COKER ESTATES SUBDIVISION
 VOL. 1625 PG. 178
 D.P.R.B.C.T.

EXISTING RIGHT-OF-WAY (75' R.O.W.)
 AS SHOWN IN VOL. 9520, PG. 14

EXISTING RIGHT-OF-WAY

VARIABLE WIDTH DRAINAGE & UTILITY EASEMENT
 VOL. 9520, PG. 14
 D.P.B.C.T.

14' ELECTRIC EASEMENT
 VOL. 9520, PG. 14
 D.P.B.C.T.

ANTONIO PEREZ SURVEY NO. 10
 ABSTRACT NO. 571
 COUNTY BLOCK 5013
 N.C.B. 12064

REMAINING PORTION OF LOT 18
 N.C.B. 8644

BITTERSWEET SUBDIVISION
 VOL. 9520, PG. 14
 D.P.R.B.C.T.

P17-263
 PERMANENT SANITARY SEWER EASEMENT
 0.801 OF AN ACRE
 (34,872 SQ. FT.)

MILL BRIDGE ASSOCIATES, LTD.
 THE REMAINDER OF A 11.98 ACRES
 DESCRIBED IN
 VOL. 19064, PG. 798
 O.P.R.B.C.T.
 AND AMENDED IN
 DOC. # 20180177469
 O.P.R.B.C.T.

BEARING SOURCE:

NAD 83(2011) TEXAS STATE PLANE COORDINATES SOUTH CENTRAL ZONE, SCALE FACTOR 1.00017.

SURVEY PLAT SHOWING:

BEING A 0.801 OF AN ACRE (34,872 SQ. FT.), TRACT OF LAND, OUT OF THE REMAINING PORTION OF LOT 18, NEW CITY BLOCK 8644 OF THE BITTERSWEET SUBDIVISION RECORDED IN VOLUME 9520, PAGE 14 OF THE DEED AND PLAT RECORDS OF BEXAR COUNTY, TEXAS AND OUT OF A 11.98 ACRE TRACT, RECORDED IN VOLUME 19064, PAGE 798 OF THE OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS AND AMENDED IN DOCUMENT NUMBER 20180177469 OF THE OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS AND BEING OUT OF THE ANTONIO PEREZ SURVEY NO. 10, ABSTRACT NO. 571, COUNTY BLOCK 5013, BEXAR COUNTY, TEXAS.

PREPARED BY:

BAIN MEDINA BAIN, INC.
 ENGINEERS & SURVEYORS
 7073 San Pedro Ave.
 San Antonio, Texas 78216
 210/494-7223
 TLSF REG No. 100209-00



STATE OF TEXAS }
 COUNTY OF BEXAR }

THIS SURVEY PLAT WAS PREPARED FROM AN ACTUAL SURVEY MADE ON THE GROUND UNDER MY SUPERVISION.

THIS 4TH DAY OF OCTOBER, 2018 AD.

Reymundo J. Medina
 Registered Professional Land Surveyor
 No. 4794 - State of Texas

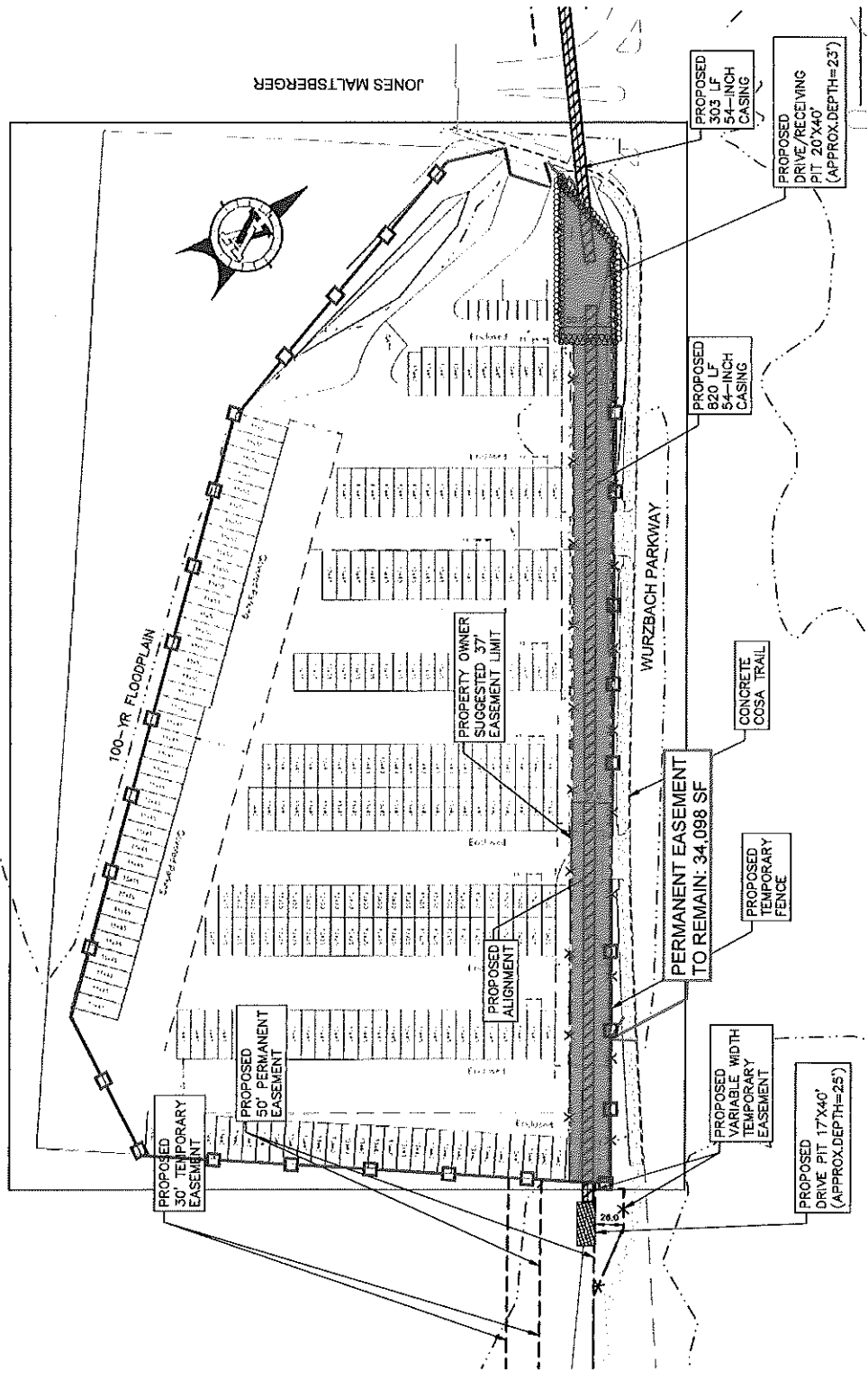
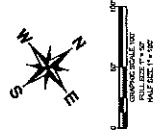
JOB NO.: S-5620

MILL BRIDGE ASSOCIATES, LTD. Easement

Special Conditions

1. Prior to commencement of construction of the E-20 sewer pipeline project, the construction contractor will provide notice by phone or email to Mill Bridge Associates, Ltd., Nancy Marcus at 805-377-3770, email: marcusfam@aol.com, at least 48 hours in advance of accessing the easement on Mill Bridge Associates, Ltd. property for construction.
2. During construction of the E-20 sewer pipeline project, the construction contractor will coordinate with Mill Bridge Associates, Ltd.'s representative, Nancy Marcus, at 805-377-3770, email: marcusfam@aol.com to keep Mill Bridge Associates, Ltd. representative apprised of the general level of construction activity in the vicinity of the Mill Bridge Associates, Ltd. easement and to address concerns of Mill Bridge Associates, Ltd.'s representative that may arise.
3. During construction of the E-20 sewer pipeline project, the construction contractor will remove any existing fencing, if any, along the boundary of the property where necessary to effect the construction work and place temporary fencing between the proposed tunneling pit and the remainder of the property such that the continuity of any existing permanent fencing around the grantor's property is maintained by the temporary fencing (see Exhibit C-1 attached).
4. During construction of the E-20 sewer pipeline, the construction contractor will, in addition to or in place of the fencing identified in item 3, install temporary chain link fence (approximately 6 ft tall) along the perimeter of the Work Area at the locations identified on Exhibit C-1 attached to prevent access of any persons into the remainder of the Mill Bridge Associates, Ltd. property.
5. During construction of the E-20 sewer pipeline, the construction contractor will limit vehicles and materials parked or stored within the bounds of the permanent SAWS easement on Mill Bridge Associates, Ltd. property to those necessary to performing the work required in the vicinity of said easements.
6. During construction of the E-20 sewer pipeline, in accordance with the general conditions of the contract between SAWS and the construction contractor, the contractor shall restore any damaged property to a condition equal or better than the existing or make good such injury or damage in a manner acceptable to SAWS and Mill Bridge Associates, Ltd.
7. During construction of the E-20 sewer pipeline, the construction contractor shall routinely clean the area of the parking lot impacted by the project construction work to minimize accumulation of dirt and debris.
8. Upon completion of construction, SAWS shall restore and replace the fencing that was existing at the time of the commencements of construction.

EXHIBIT "C-1"



- Existing Fence
- Existing Fence to be removed
- Proposed temporary fence

Texas Registered Firm, No. 5428

601 NW Loop 410 Suite 450
San Antonio, TX 78218

Tel No. 210-941-9198
Fax No. 210-941-4889

No.	Revision	By	Date

E-20: WURZBACH PARKWAY - SEGMENT 2

P17-263 AND P17-263-T EASEMENT

DATE	PROJECT NO.	SHEET NO.
AUG 2018	18-4507	EX1

DESIGN	DRAWN	CHECKED
XXX	XXX	XXX

PROJECT NO.	SHEET NO.
18-4507	00885205

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: REQUESTING THE SAN ANTONIO CITY COUNCIL TO DECLARE THE SAN ANTONIO WATER SYSTEM'S HELOTES CREEK GRAVITY MAIN AND LIFT STATION #246 ELIMINATION PROJECT A PUBLIC NECESSITY

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution requests the San Antonio City Council declare the San Antonio Water System's (SAWS) Helotes Creek Gravity Main and Lift Station #246 Elimination Project (the "Project") a public necessity to obtain for public use, the permanent sewer easements and temporary construction easements that are required for the Project's construction and operation, and authorizes the General Counsel and/or designated special counsel to file eminent domain proceedings, if necessary.


- The Project will eliminate Lift Station #246 and allow wastewater flows to bypass Lift Station #233, a lift station at critical capacity.
- The Project consists of approximately two and one-half miles of eight inch to eighteen inch gravity wastewater mains.
 - Segment 1 will start near the intersection of Old Bandera Road and Floor Drive heading in a northwesterly direction along Old Bandera Road then along the western right of way of State Highway 16 ending at 16597 Bandera Road (Lift Station #246)
 - Segment 2 will start at the intersection of State Highway 16 and FM 1560 heading along the southern right of way of FM 1560 to the intersection of Riggs Road then head in a northward direction along Riggs Road to a point south of the intersection of Old Bandera Road and Riggs Road.
 - Segment 3 will start at 12493 FM 1560 (Lift Station # 233) then heading along the western right of way of FM 1560 then ending at a point south of the intersection of Iron Horse Way and FM 1560.
- The Project will require the acquisition of real property being a total of 13 parcels (ten permanent easements, and three temporary construction easements), seven of which are privately owned.

- SAWS intends to use every effort available to obtain the required permanent and temporary easement land rights through good faith negotiations, but may require eminent domain if the negotiations fail.
- The general location of the Project is set out in Attachment I to the Resolution and the description of the route is set out in Attachment II to the Resolution, both attached hereto and incorporated herein for all purposes.
- The requested Ordinance will be presented to the San Antonio City Council as soon as possible.

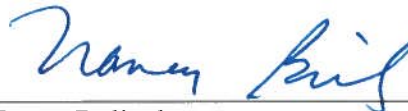
Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2016 Capital Improvement Program. This additional work is included in the Wastewater Core Business budget line item.



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 DECLARING A PUBLIC NECESSITY FOR PUBLIC USE, THE ACQUISITION OF CERTAIN PRIVATELY OWNED REAL PROPERTY IN THE CITY OF HELOTES BEING PERMANENT EASEMENTS AND TEMPORARY CONSTRUCTION EASEMENTS (COLLECTIVELY, THE “EASEMENTS”) FOR THE HELOTES CREEK GRAVITY MAIN AND LIFT STATION #246 ELIMINATION PROJECT (THE “PROJECT”), WHICH CONSISTS OF THE ELIMINATION OF LIFT STATION #246 BY INSTALLATION OF NEW SANITARY SEWER MAIN IN THE NORTHWEST QUADRANT OF BEXAR COUNTY, TEXAS, WHICH EASEMENTS SHALL BE ACQUIRED BY NEGOTIATION AND/OR CONDEMNATION, IF NECESSARY, FOR THE PUBLIC USE OF THE EXPANSION AND OPERATION OF THE SYSTEM THROUGH THE CONSTRUCTION OF THE PROJECT; REQUESTING THAT THE CITY COUNCIL OF THE CITY OF SAN ANTONIO (THE “CITY COUNCIL”) ADOPT AN ORDINANCE REAFFIRMING AND DECLARING THAT THE PROJECT IS FOR A PUBLIC USE AND A PUBLIC NECESSITY EXISTS FOR THE ACQUISITION OF THE EASEMENTS AND AUTHORIZING THE SYSTEM TO TAKE ALL APPROPRIATE ACTION TO ACQUIRE THE EASEMENTS BY NEGOTIATION AND/OR CONDEMNATION; FINDING THIS RESOLUTION TO HAVE BEEN CONSIDERED PURSUANT TO THE LAWS GOVERNING OPEN MEETINGS; PROVIDING A SEVERABILITY CLAUSE; AND ESTABLISHING AN EFFECTIVE DATE

WHEREAS, the Project consists of the elimination of Lift Station #246, by installation of the new sanitary sewer main; and

WHEREAS, the System has determined that acquisition of the Easements are necessary for the Project, the general location and description of the Project being more particularly set out in Attachments I and II attached hereto and incorporated herein for all purposes; and

WHEREAS, the System intends to use every effort available to obtain the required Easements through good faith negotiations, but may require eminent domain if the negotiations fail; and

WHEREAS, the System finds that the acquisition of such Easements for the Project is necessary for the public health, safety, welfare, and best interests of the customers of the System; and

WHEREAS, the San Antonio Water System Board of Trustees desires to (i) affirm and declare that the Project is for a public use and the acquisition of the Easements is for public use and is a public necessity for the completion of the Project, (ii) direct the System staff to negotiate the acquisition of the Easements, (iii) authorize and direct the institution and prosecution to conclusion of all necessary proceedings to condemn such Easements, in the event that the System's staff is unable to acquire one or more parcels of the Easements by negotiation, (iv) request that the City Council adopt an ordinance to (a) reaffirm and declare that the Project is for a public use and the acquisition of the Easements is for public use and is a public necessity for the completion of the Project, (b) authorize the System to take all appropriate action to acquire the Easements by negotiation and/or condemnation, (c) declare that the conveyance of such Easements shall be to the City of San Antonio (the "City") for the use and benefit of the System, and (d) authorize the System's General Counsel and/or designated special counsel to file eminent domain proceedings and prosecute such proceedings through final judgment and any appeals, if deemed necessary, and (v) provide and approve funding for the acquisition of the Easements; now, therefore:

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

1. That the Project is hereby declared to be a necessary public project and a public necessity is hereby declared for the acquisition of the Easements for public use by negotiation and/or condemnation, if necessary, for the Project.
2. That a public necessity hereby exists to acquire the Easements over, under and across certain privately owned real property, by negotiation and/or condemnation, if necessary, for the expansion of the public sanitary sewer system as part of the Project.
3. That the System's staff is hereby directed to negotiate with the owner(s) of the respective parcels for the acquisition of the Easements, to execute easements and/or sales agreements or other documents acquiring the Easements from the owners of the Easements and to finalize such acquisitions on behalf of the City, for the use and benefit of the System.
4. That in the event the System's staff is unable to acquire one or more parcels of the Easements by negotiation by reason of its inability to agree with the owners thereof as to the value of the Easements, or is unable to acquire the Easements for any other reason, the System's General Counsel and/or designated special counsel, are hereby authorized and directed to institute and prosecute to conclusion all necessary proceedings to condemn such Easements.

5. That the City Council of the City is hereby requested to (i) adopt an ordinance to reaffirm and declare that the Project is for a necessary public use and the acquisition of the Easements is for a public use and is a public necessity for the completion of the Project, (ii) authorize the System to take all appropriate action to acquire the Easements by negotiation and/or condemnation, (iii) declare that the conveyance of such Easements shall be to the City for the use, benefit and control of the System, and (iv) authorize the System's General Counsel and/or designated special counsel to file eminent domain proceedings and prosecute such proceedings through final judgment and any appeals, if deemed necessary.

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 an 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 7th day of _____, 2019.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

Attachments:

- I. Aerial Map of Project
- II. Description of Project Alignment

ATTACHMENT II

Route Description

The Project consists of approximately two and one-half miles of new wastewater mains.

Segment 1 will start near the intersection of Old Bandera Road and Floor Drive heading in a northwesterly direction along Old Bandera Road then along the western right of way of State Highway 16 ending at 16597 Bandera Road (Lift Station #246)

Segment 2 will start at the intersection of State Highway 16 and FM 1560 heading along the southern right of way of FM 1560 to the intersection of Riggs Road then head in a northward direction along Riggs Road to a point south of the intersection of Old Bandera Road and Riggs Road.

Segment 3 will start at 12493 FM 1560 (Lift Station # 233) then heading along the western right of way of FM 1560 then ending at a point south of the intersection of Iron Horse Way and FM 1560.

Project Located In: CB 4480, 4482, 4554, 4555, 4556, 5736

TO: San Antonio Water System Board of Trustees

FROM: Eyenemi Dickson Hogue, Director, Customer Service, and Mary E. Bailey, Vice President, Customer Experience and Strategic Initiatives

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

SUBJECT: AWARD OF CONSULTING SERVICES CONTRACTS IN CONNECTION WITH THIRD PARTY COLLECTION SERVICES

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution awards consulting services contracts to Credit Systems International, Inc. (CSII), a non-local, WBE-Caucasian firm, and Online Information Services, Inc. (OISI), a non-local, non-SMWB firm, for Third Party Collection Services. These consulting services contracts are for an initial three-year term, with two one one-year options to extend. The total contract award for both contracts is not to exceed \$1,000,000.00 for the contract term, including any extensions.

- Chapter 34 of the San Antonio Code of Ordinances allows for the billing and collection of charges for services provided by the System. These contracts will provide collection services to support revenue recovery efforts within the Customer Care division of Customer Service
- The San Antonio Water System (the “System”) has recorded reserves for uncollectible accounts during the last five years as follows:

	2018	2017	2016	2015	2014
Reserves recorded for Uncollectible Accounts	\$4.8M	\$3.9M	\$4.4M	\$5.1M	\$4.2M
% of Revenue	0.70%	0.58%	0.70%	1.02%	0.83%

- Customer Service staff have not utilized Third Party Collections firms since August 2017. Staff has determined that the support of Third Party Collection firms with expertise in the collection of overdue accounts would benefit the System in the recovery of unpaid debts and decrease losses to the System from uncollectible accounts.
- Through a single-tiered competitive evaluation process, the System issued Solicitation No. R-19-001-FF on February 6, 2019 seeking qualified proposers for collection services.
- CSII and OISI are both non-local/non-SMWB vendors. Based on both respondent’s service

offerings, approach to quality assurance and control, past performance and price, CSII and OISI received the highest rankings.

- Customer Service staff will continue to pursue collection efforts on past-due accounts until water service has been discontinued and for the first few months after water service has been discontinued due to non-payment. If internal collection efforts are unsuccessful, the accounts will be charged-off and transferred to either CSII or OISI for further collection efforts.
- Third party collection efforts will include written correspondence and telephone calls. The collection firms may also report the unpaid balances to credit agencies.
- CSII and OISI will remit the gross amounts collected on charged-off accounts, and CSII and OISI will provide SAWS with a bill for the prior months collection activities at the agreed upon fees. Based on historical experience with previous third-party collection firms, staff anticipates that between 5 percent and 15 percent of the accounts submitted to the collection firms will ultimately be recovered.
- The initial term of the contracts is for three years with two one-year options to extend. The allocation of accounts between CSII & OISI will initially be approximately 50/50; however, the allocation may change throughout the contract term depending on the recovery rate of each firm.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The services in the amount not to exceed \$1,000,000.00 during the initial term of the contract will be paid from amounts recovered by CSII and OISI. Both recoveries and collection fees will be credited/charged to the Allowance for Uncollectible Accounts (Company: 1000, Accounting Unit: 1000000, Account: 115000).

Total cumulative contract amount: \$1,000,000.00

SUPPLEMENTARY COMMENTS:

System staff prepared a Request for Proposals (RFP) to acquire these services. This approach has been used in the past and has been effective.

The evaluation team were able to balance between price and qualifications in the selection of a contractor to perform third party services. Documentation required for submission with the proposals included a) Explanation of Collection Practices, b) Past and Current Performance with Other Companies, c) System Compatibility and Capabilities, d) Quality Assurance and Quality

Control, e) Compensation Proposal and f) Small, Minority and Woman-owned Business Program Compliance.

Responses to this RFP were submitted on Thursday, March 6, 2019 at 11:00 a.m.


Staff recommends that contracts be awarded to Credit Systems International, Inc. and Online Information Services, Inc. as the consultants that will provide the services at the best value for SAWS based on the selection criteria set forth below. All properly submitted proposals were reviewed by an Evaluation Committee. The Evaluation Criteria listed below have been considered and weighted as shown.

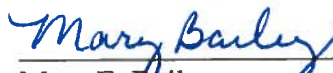
Criteria	Percent
Explanation of Collection Practices	30%
Past & Current Performance with Other Companies	20%
System Compatibility & Capabilities	10%
Quality Assurance & Quality Control	5%
Compensation Proposal	20%
SMWVB	15%
Total	100%

The System received proposals from the following companies:

Name of Firm	Local/ SMWVB
Online Information Services, Inc.*	Non-Local/Non-SMWVB
Credit Systems International, Inc.*	Non-Local/WBE-Caucasian
I.C. System Inc.	Non-Local/Non-SMWVB

*Selected Firms


Eyenemi Dickson Nogue
Director
Customer Service


Mary E. Bailey
Vice President
Customer Experience and Strategic Initiatives

APPROVED:


Robert R. Puente
President/Chief Executive Officer

RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDING CONSULTING SERVICES CONTRACTS TO CREDIT SYSTEMS INTERNATIONAL, INC. AND ONLINE INFORMATION SERVICES, INC. TO PROVIDE THIRD PARTY COLLECTION SERVICES FOR AN INITIAL THREE-YEAR TERM WITH TWO ONE-YEAR OPTIONS TO EXTEND FOR A COMBINED CONTRACT AMOUNT NOT TO EXCEED \$1,000,000.00; AUTHORIZING THE PRESIDENT/CHIEF EXECUTIVE OFFICER OR HIS DULY APPOINTED DESIGNEE TO EXECUTE CONSULTING SERVICES CONTRACTS WITH CREDIT SYSTEMS INTERNATIONAL, INC. AND ONLINE INFORMATION SERVICES, INC., AND TO PAY CREDIT SYSTEMS INTERNATIONAL, INC. AND ONLINE INFORMATION SERVICES, INC. A CUMULATIVE AMOUNT NOT TO EXCEED OF \$1,000,000.00 FOR THIRD PARTY COLLECTION 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, Chapter 34 of the San Antonio Code of Ordinances allows for the billing and collection of charges for services provided by the San Antonio Water System (the "System"); and

WHEREAS, the System requires the services to support revenue recovery efforts within the Customer Care division of Customer Service; and

WHEREAS, Credit Systems International, Inc., a non-local, WBE-Caucasian-owned firm, and Online Information Services, Inc., a non-local, non-SMWVB firm, provide third party collection services with expertise in the collection of overdue accounts would benefit the System in the recovery of unpaid accounts; and

WHEREAS, the San Antonio Water System Board of Trustees desires (i) to award consulting services contracts to Credit Systems International, Inc. and Online Information Services, Inc. in connection with third party collections services for an initial three-year term with two one-year options to extend, for a combined contract amount of \$1,000,000.00; (ii) to approve expenditures in an amount not to exceed \$1,000,000.00 from the System Fund for third party collection services; and (iii) to authorize the President/Chief Executive Officer or his duly appointed designee to execute consulting services contracts with Credit Systems International, Inc. and Online Information Services, Inc., and to pay Credit Systems International, Inc. and Online Information Services, Inc. a cumulative amount not to exceed \$1,000,000.00; now, therefore:

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

1. That consulting services contracts with Credit Systems International, Inc. and Online Information Services, Inc. to provide third party collections services for an initial three-year term with two one-year options to extend, for a combined contract amount of \$1,000,000.00 is hereby approved.
2. That the expenditure of funds in a cumulative amount not to exceed \$1,000,000.00 is hereby approved from the System Fund.
3. That the President/Chief Executive Officer or his duly appointed designee is hereby authorized to execute a contract with Credit Systems International, Inc. and Online Information Services, Inc., and to pay Credit Systems International, Inc. and Online Information Services, Inc. a cumulative amount not to exceed \$1,000,000.00 for third party collections 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 7th day of May, 2019.

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: AWARD OF CONSTRUCTION CONTRACT IN CONNECTION WITH THE MULTIPLE SEWERSHED PACKAGE 6A PROJECT

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution awards a construction contract to Cruz Tec, Inc., a local, MBE-Hispanic contractor, in an amount not to exceed \$5,513,199.18 in connection with the Multiple Sewershed Package 6A Project.

- The contract that is the subject of the attached resolution will, if approved, authorize work required by the Consent Decree for Multiple Sewershed Package 6A 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 8,225 feet of 21-inch through 48-inch sanitary sewer main by cured-in-place lining method. Additionally, the manholes will be rehabilitated or replaced.
- Cruz Tec, Inc., has submitted the lowest responsible bid of \$5,513,199.18.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The Project Fund will finance this expenditure included in the CY 2019 Capital Improvement Program. The water work is included in the Wastewater Core Business budget line item. The amount is \$5,513,199.18 for water related construction work under job number 17-4557.

SUPPLEMENTARY COMMENTS:

K Friese & Associates, Inc. prepared the bid proposal and specifications for this project. The engineer's estimated construction cost for this project is \$5,431,663.95.

A bid opening was held on April 4, 2019 at 9:00 AM. The following bids were submitted:

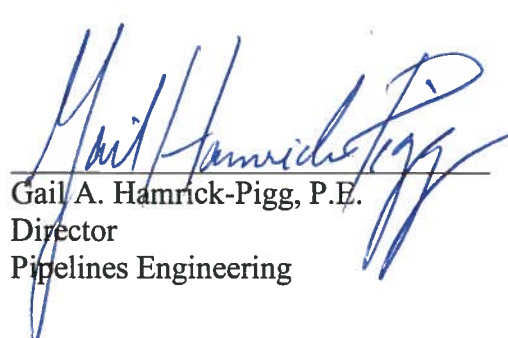
Bidder	Bid Amount	Local/SMWVB
<i>Engineer's Estimate</i>	<i>\$5,431,663.95</i>	
Cruz Tec, Inc.*	\$5,513,199.18	Local/MBE-Hispanic
PM Construction & Rehab, LLC dba IPR South Central	\$5,945,328.79	Non-Local/Non-SMWVB
Texas Pride Utilities, LLC	\$5,967,824.00	Local/MBE-Hispanic
SAK Construction, LLC	\$6,273,815.20	Local/Non-SMWVB
Granite Inliner, LLC	\$6,984,821.60	Non-Local/Non-SMWVB

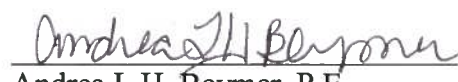
*Lowest Responsible Bidder

The bid amount represents a two percent increase from the engineer's estimated construction cost.

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

Multiple Sewershed Package 6A	
Cruz Tec, Inc.	
SMWVB Analysis – Board Award	
SBE	0.00%
MBE – African American	0.00%
MBE – Asian	0.00%
MBE – Hispanic	76.00%
MBE – Other	0.00%
WBE – Minority	0.00%
WBE – Non-Minority	0.00%
Total SMWVB	76.00%


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


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

Award of Construction Contract
Multiple Sewershed Package 6A Project

Page 3

APPROVED:

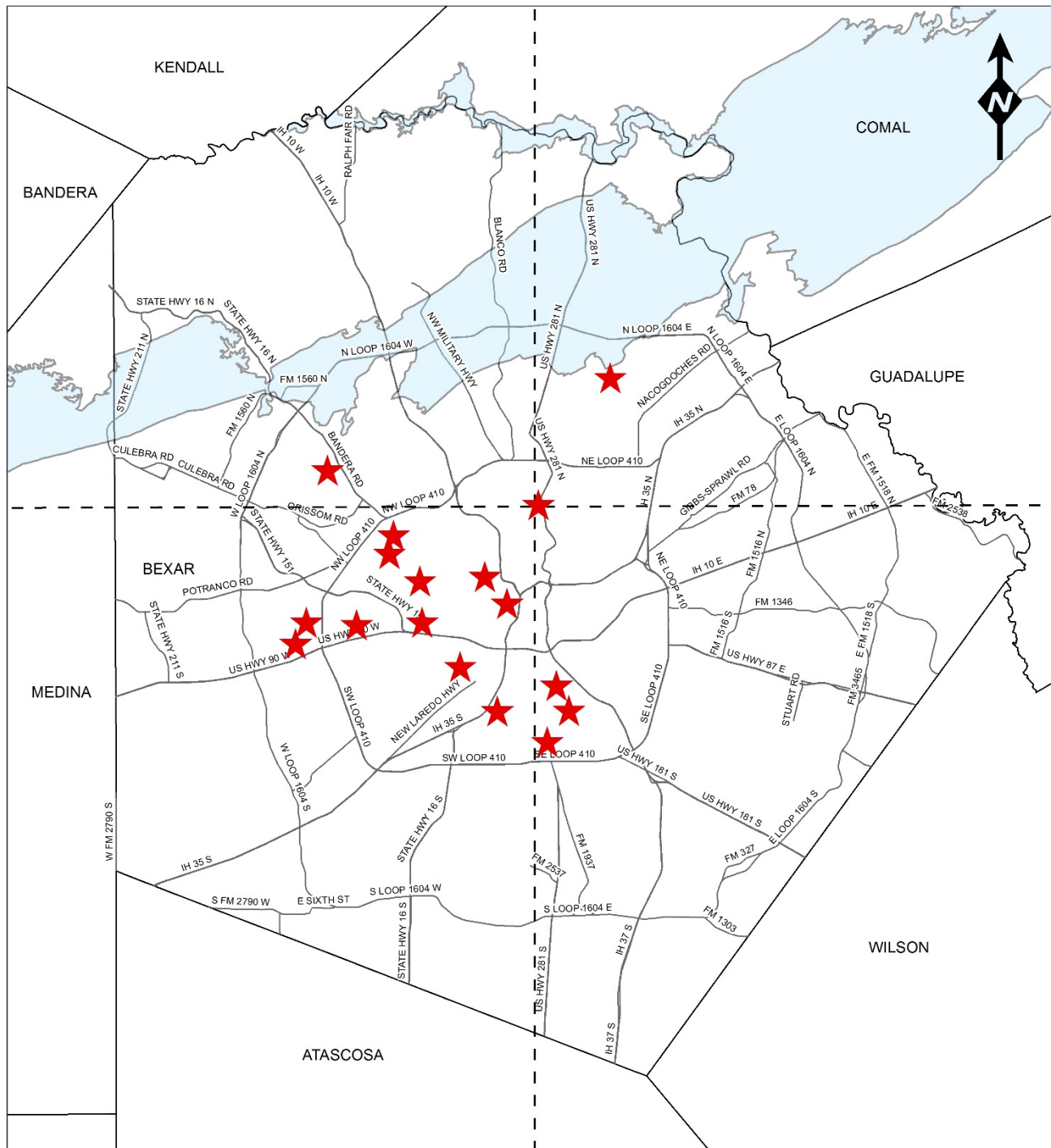
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Robert R. Puente
President/Chief Executive Officer



Attachments:

1. Project Area Map
2. Project Site Map

SAN ANTONIO WATER SYSTEM PROJECT AREA MAP ATTACHMENT I



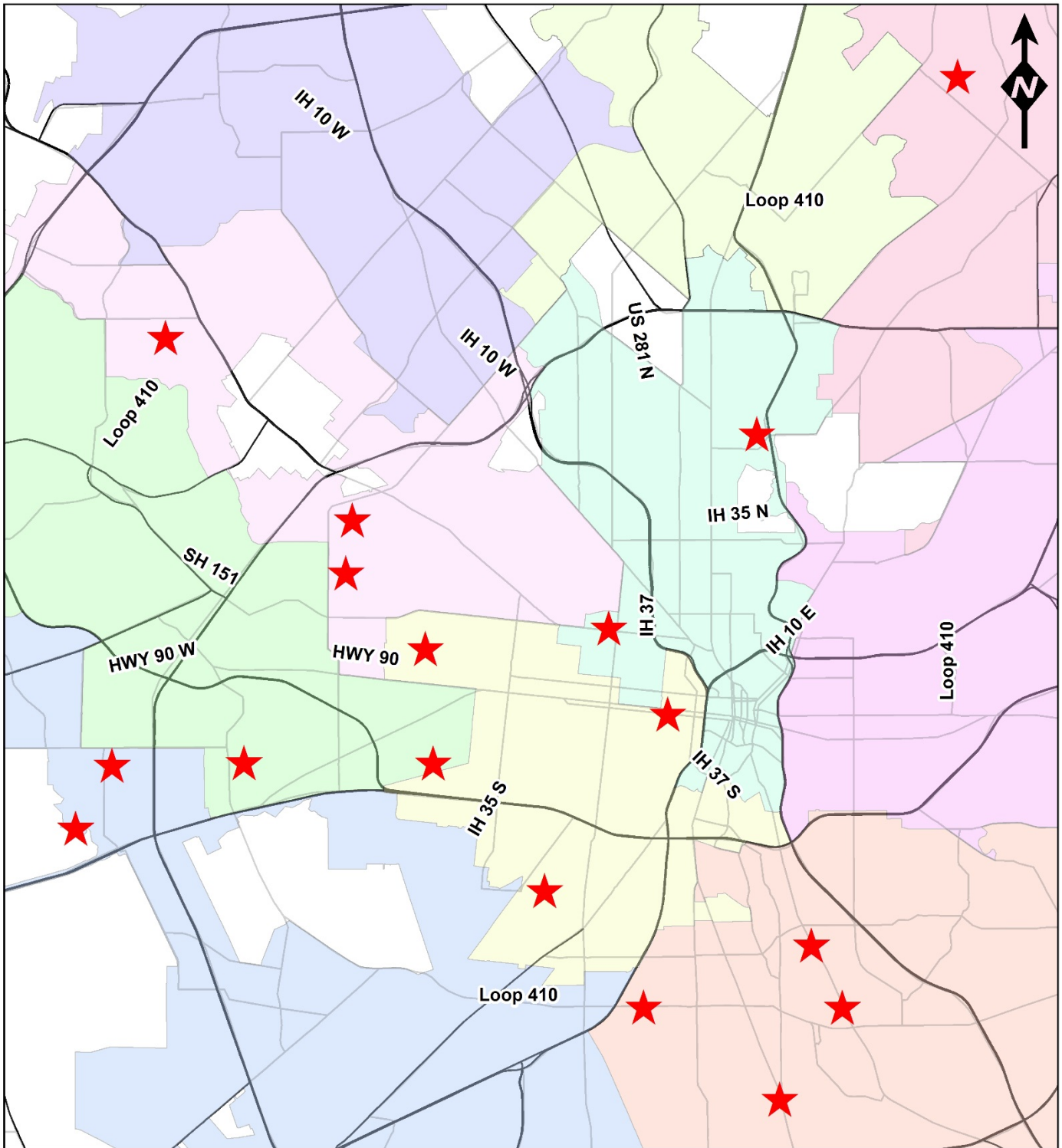
LEGEND

-  Project Locations
 Edwards Recharge Zones

MULTIPLE SEWERSHED PACKAGE 6



SAN ANTONIO WATER SYSTEM PROJECT SITE MAP ATTACHMENT II



LEGEND

★ Project Location

MULTIPLE SEWERSHED PACKAGE 6



RESOLUTION NO.

OF THE SAN ANTONIO WATER SYSTEM BOARD OF TRUSTEES AWARDDING A CONSTRUCTION CONTRACT TO CRUZ TEC, INC. IN AN AMOUNT NOT TO EXCEED \$5,513,199.18 IN CONNECTION WITH THE MULTIPLE SEWERSHED PACKAGE 6A PROJECT; APPROVING THE EXPENDITURE OF FUNDS AND MAKING AVAILABLE AN AMOUNT NOT TO EXCEED \$5,513,199.18 FROM THE 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 \$5,513,199.18 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 water 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 contractor, is declared the lowest responsible bidder and has submitted the low responsible bid of \$5,513,199.18 for the project work; and

WHEREAS, System funds in the amount of \$5,513,199.18 are required for the project work; and

WHEREAS, the total amount of \$5,513,199.18 is available from the 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 an amount not to exceed \$5,513,199.18 in connection with the Multiple Sewershed Package 6A Project, (ii) to approve the expenditure of funds and make available an amount not to exceed \$5,513,199.18 from the 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 \$5,513,199.18 for the project work; now, therefore:

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

1. That a construction contract in an amount not to exceed \$5,513,199.18 is hereby awarded to Cruz Tec, Inc., who is determined to be the lowest responsible bidder, in connection with the Multiple Sewershed Package 6A Project.
2. That the expenditure of funds in an amount not to exceed \$5,513,199.18 for the project work is hereby approved and made available from the 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 \$5,513,199.18 in connection with the Multiple Sewershed Package 6A 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 2, 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 7th day of May, 2019.

Berto Guerra, Jr., Chairman

ATTEST:

Amy Hardberger, Secretary

TO: San Antonio Water System Board of Trustees

FROM: Douglas P. Evanson, Senior Vice President/Chief Financial Officer

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

SUBJECT: RESOLUTION REQUESTING CITY COUNCIL TAKE CERTAIN ACTIONS
WITH RESPECT TO THE CASH DEFEASANCE OF CERTAIN
OUTSTANDING DEBT OBLIGATIONS

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution requests City Council authorize the cash defeasance of certain outstanding debt obligations to reduce future debt service.

- The San Antonio Water System (the “System”) has sufficient cash on hand to defease outstanding debt to lower future debt service. The resolution authorizes a cash defeasance of up to \$175,000,000.00 par value from the following series of bonds:
 - Senior Lien Series 2009B (Direct Subsidy Build America Bonds) - \$16,490,000.00
 - Senior Lien Series 2011A - \$146,565,000.00
 - Senior Lien Series 2012 - \$195,690,000.00
 - Senior Lien Series 2012A - \$143,895,000.00
- The exact series of bonds to be defeased with cash will be determined based on the market conditions at the time of defeasance as well as other considerations, however, the total cash defeasement will not exceed \$175,000,000.00 par value with the cash deposit to defease the bonds not to exceed \$180,000,000.00

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The defeasance with cash of outstanding debt obligations will lower future debt service. The exact amount will be determined at the time of execution.

SUPPLEMENTAL INFORMATION:

The System's co-financial advisory team of Public Financial Management (PFM) and Estrada Hinojosa assisted staff in the formulation of this recommendation.

A handwritten signature in blue ink, appearing to read "Douglas P. Evanson", written over a horizontal line.

Douglas P. Evanson
Senior Vice President/Chief Financial Officer

APPROVED:

A handwritten signature in blue ink, appearing to read "Robert R. Puente", written over a horizontal line.

Robert R. Puente
President/Chief Executive Officer

A RESOLUTION BY THE BOARD OF TRUSTEES OF THE SAN ANTONIO WATER SYSTEM AUTHORIZING AND APPROVING THE DEFEASANCE AND REDEMPTION OF CERTAIN CURRENTLY OUTSTANDING CITY OF SAN ANTONIO, TEXAS WATER SYSTEM REVENUE OBLIGATIONS; RECOMMENDING AND REQUESTING THAT THE SAN ANTONIO CITY COUNCIL TAKE ACTION WITH RESPECT TO THE REDEMPTION OF SUCH OBLIGATIONS; AND AUTHORIZING OTHER MATTERS IN CONNECTION THEREWITH

WHEREAS, pursuant to the authority contained in (i) Chapter 1502, as amended, Texas Government Code, (ii) certain ordinances (the *Senior Lien Bond Ordinances*) previously adopted by the City Council (the *City Council*) of the City of San Antonio, Texas (the *City*) authorizing the issuance of the currently outstanding senior lien revenue bonds (the *Previously Issued Senior Lien Bonds*), (iii) certain ordinances (the *Junior Lien Bond Ordinances*) authorizing the issuance of the currently outstanding junior lien revenue bonds (the *Previously Issued Junior Lien Bonds*), and together with the *Previously Issued Senior Lien Bonds*, the *Previously Issued Bonds*), (iv) certain ordinances (the *Subordinate Lien Bond Ordinances*) previously adopted by the City Council authorizing the issuance of subordinate lien revenue bonds and obligations arising under a related credit agreement, and (v) an ordinance adopted by the City Council relating to the implementation of a commercial paper program (the *Commercial Paper Ordinances*) under which is issued from time to time subordinate lien commercial paper notes (the *Commercial Paper Notes*), the complete management and control of the water system (the *System*) of the City is vested in a Board of Trustees known as the San Antonio Water System (the *Board*), during the period of time any of such foregoing obligations are outstanding and unpaid; and

WHEREAS, the Board hereby determines that it is in the best interest of the System and its ratepayers to utilize a portion of the funds lawfully available for such purpose (the *Defeasance Proceeds*) to defease and redeem prior to their respective dates of stated maturity certain of the *Previously Issued Bonds* (such *Previously Issued Bonds*, the *Defeased Obligations*) to be selected from those *Previously Issued Bonds* identified in the schedule attached hereto as Exhibit A (such *Previously Issued Bonds*, the *Defeasance Candidates*); and

WHEREAS, the defeasance of the *Defeased Obligations* will result in the termination of the lien on and pledge of the net revenues of the System (the *Net Revenues*) securing their payment, discharging the same as City indebtedness payable from and secured by such *Net Revenues*; and

WHEREAS, the redemption of the *Defeased Obligations* prior to their respective dates of stated maturity requires action and approval by the City Council and it is, therefore, necessary and proper for the Board to formally request the City Council to authorize and approve the redemption of the *Defeased Obligations* pursuant to and in accordance with the provisions and the limitations set forth herein; and now, therefore,

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

1. Pursuant to Chapters 1207 and 1371, as amended, Texas Government Code, the Board hereby authorizes and approves the use of Defeasance Proceeds, in an amount not to exceed the Maximum Amount (defined herein), to accomplish the defeasance and redemption of the Defeased Obligations. With respect to such authorization and approval, the Board requests that the City Council, by adoption of a resolution (the *City Resolution*) in substantially the form attached hereto as Exhibit B (which City Resolution is incorporated herein for all purposes as if copied in full), approve the defeasance and redemption prior to stated maturity of the Defeased Obligations.

To accomplish the foregoing, there shall be established with the hereinafter-defined Escrow Agent, using the Defeasance Proceeds, an escrow fund or funds (the *Escrow Fund*) to be funded with cash and certain defeasance securities (as permitted by applicable law) that mature as to principal and interest in such amounts and at such times as will ensure the availability, without reinvestment, of sufficient money, together with any money deposited therewith, if any, to pay when due by reason of stated maturity or prior redemption the principal of, premium, if any, or interest on the Defeased Obligations. The Board, upon obtaining the advice from PFM Financial Advisors LLC and Estrada Hinojosa & Company, Inc. (the *Co-Financial Advisors*) and legal counsel, shall determine the defeasance securities and any appropriate escrow reinvestment agreements or other similar contractual agreements to effectuate each defeasance, subject in all respects, however, to the laws of the State of Texas and the applicable provisions of the City ordinances authorizing the issuance of the Previously Issued Bonds.

2. The Board hereby authorizes, appoints, and designates the President/Chief Executive Officer of the Board and/or the Senior Vice President/Chief Financial Officer of the Board (each, an *Authorized Official*) as a representative of the Board, to effectuate and implement the purpose and intent of this Resolution, including the selection of the Defeased Obligations from the Defeasance Candidates (which include the completion of Exhibit C evidencing such selection), use of Defeasance Proceeds in an amount not to exceed \$180,000,000 to apply to Defeased Obligations in a principal amount not to exceed \$175,000,000 (the *Maximum Amount*) to fund the Escrow Fund to accomplish the defeasance of the Defeased Obligations, and selection of investments in and manner and method of funding the Escrow Fund. At the time of establishing the manner and method of funding the Escrow Fund and selecting the Defeased Obligations, an Authorized Official shall complete and execute an "Approval Certificate", in substantially the form attached unto as Exhibit C, to evidence the final terms of the defeasment and redemption that is the subject of this Resolution.

3. The Board hereby authorizes the entry into one or more escrow agreements (an *Escrow Agreement*) with the appropriate paying agent/registrar or escrow agent for the Defeased Obligations (the *Escrow Agent*) in connection with the defeasance of the Defeased Obligations. Each Authorized Official is authorized to execute an Escrow Agreement on behalf of the System and as the act and deed of the Board.

4. The Board hereby authorizes each Authorized Official to select and appoint, as determined to be necessary or desirable, a firm of independent certified public accountants to serve as verification agent (the *Verification Agent*) for the purpose of verifying that the initial deposit to any escrow fund will be sufficient to accomplish a legal defeasance of the Defeased Obligations to their respective dates of early redemption or stated maturity.

5. This Resolution shall document the authorization to transfer Defeasance Proceeds in an amount not to exceed the Maximum Amount to effectuate the defeasance of the Defeased Obligations and provide evidence of each transaction to the System's independent auditors.

6. The Board hereby approves payment from lawfully available System funds of professional fees and expenses of Co-Bond Counsel, Co-Financial Advisors, the Escrow Agent, the Verification Agent, the paying agent/registrar for the Defeased Obligations, and any other party whose services have been determined by Board to be necessary to accomplish the purpose and intent of this Resolution.

7. Each Authorized Official is authorized to evidence adoption of this Resolution and to do any and all things necessary or convenient to effect the defeasance of the Defeased Obligations described herein and otherwise give effect to the intent hereof.

8. All orders and resolutions, or parts thereof, which are in conflict or inconsistent with any provision of this Resolution are hereby repealed to the extent of such conflict, and the provisions of this Resolution shall be and remain controlling as to the matters resolved herein.

9. The recitals contained in the preamble hereof are hereby found to be true, and such recitals are hereby made a part of this Resolution for all purposes and are adopted as a part of the judgment and findings of the Board.

10. This Resolution shall be construed and enforced in accordance with the laws of the State of Texas and the United States of America.

11. If any provision of this Resolution or the application thereof to any person or circumstance shall be held to be invalid, the remainder of this Resolution and the application of such provision to other persons and circumstances shall nevertheless be valid, and the Board hereby declares that this Resolution could have been enacted without such invalid provision.

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

13. This Resolution shall be in force and effect from and after its final passage, and it is so resolved.

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PASSED AND ADOPTED on the 7th day of May, 2019.

BOARD OF TRUSTEES, SAN ANTONIO
WATER SYSTEM

Chairman

ATTEST

Secretary

DRAFT

EXHIBIT A

Defeasance Candidates

Not to exceed the amount set forth in Section 2 hereof in lawfully available funds of the System to defease:

- (i) “City of San Antonio, Texas Water System Revenue Bonds, Taxable Series 2009B (Direct Subsidy – Build America Bonds)”, dated November 1, 2009, in the original principal amount of \$102,750,000
- (ii) “City of San Antonio, Texas Water System Revenue Refunding Bonds, Series 2011A”, dated August 1, 2011, in the original principal amount of \$165,090,000;
- (iii) “City of San Antonio, Texas Water System Revenue Refunding Bonds, Series 2012”, dated February 1, 2012, in the original principal amount of \$77,255,000; and
- (iv) “City of San Antonio, Texas Water System Revenue Refunding Bonds, Series 2013A”, dated September 1, 2012, in the original principal amount of \$163,455,000.

Identification of Defeased Obligations under a particular Escrow Agreement shall be determined by an Authorized Official.

EXHIBIT B

Resolution by the City Council of the
City of San Antonio, Texas Authorizing the Redemption
of the Defeased Obligations

DRAFT

EXHIBIT C

Approval Certificate

DRAFT

TO: San Antonio Water System Board of Trustees

FROM: Douglas P. Evanson, Senior Vice President/Chief Financial Officer

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

SUBJECT: RESOLUTION REQUESTING CITY COUNCIL TAKE CERTAIN ACTIONS WITH RESPECT TO THE SALE OF ONE OR MORE SERIES OF BONDS TO REFUND CERTAIN OUTSTANDING DEBT OBLIGATIONS FOR SAVINGS

Board Action Date: May 7, 2019

SUMMARY AND RECOMMENDATION:

The attached resolution requests City Council authorize the issuance and sale of one or more series of bonds to refund for savings certain outstanding debt obligations in an amount not to exceed \$306,085,000.00.

- Due to the current favorable interest rate environment, the following series of bonds which are callable between now and May 15, 2020 may be refunded for savings:
 - Junior Lien Series 2007 - \$3,625,000.00
 - Senior Lien Series 2009B (Direct Subsidy Build America Bonds) - \$16,490,000.00
 - Junior Lien Series 2009 - \$41,210,000.00
 - Junior Lien Series 2009A - \$25,925,000.00
 - Junior Lien Series 2010A - \$13,080,000.00
 - Senior Lien Series 2010B (Direct Subsidy Build America Bonds) - \$64,660,000.00
 - Senior Lien Series 2011A - \$141,165,000.00
- The exact series of bonds to be refunded will be determined based upon the market conditions at the time of the refunding as well as the actual amount of bonds outstanding. Based on current market conditions, a refunding of all the amounts detailed above would generate in excess of \$35,000,000.00 in debt services savings. These savings will be realized in various amounts from 2020 to 2041. The overall savings to be generated are subject to market conditions at the pricing of these series of refunding bonds and could vary compared to projections.

Staff recommends that the Board approve this resolution.

FINANCIAL IMPACT:

The refunding of outstanding debt obligations will lower future debt service. The exact amount will be determined at the time of execution.

SUPPLEMENTAL INFORMATION:

The System's co-financial advisory team of Public Financial Management (PFM) and Estrada Hinojosa assisted staff in the formulation of this recommendation.

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Douglas P. Evanson
Senior Vice President/Chief Financial Officer

APPROVED:

A handwritten signature in blue ink, appearing to read 'Robert R. Puente', written over a horizontal line.

Robert R. Puente
President/Chief Executive Officer

RESOLUTION NO. _____

A RESOLUTION BY THE BOARD OF TRUSTEES OF THE SAN ANTONIO WATER SYSTEM RECOMMENDING AND REQUESTING THAT THE SAN ANTONIO CITY COUNCIL TAKE CERTAIN ACTIONS WITH RESPECT TO THE ISSUANCE AND SALE OF ONE OR MORE SERIES OF OBLIGATIONS DESIGNATED AS “CITY OF SAN ANTONIO, TEXAS WATER SYSTEM JUNIOR LIEN REVENUE REFUNDING BONDS (NO RESERVE FUND)” AS FURTHER DESIGNATED BY SERIES, AND INTEREST RATE CONVENTION; THE APPROVAL OF AN OFFERING DOCUMENT RELATING TO EACH SERIES OF THE AFOREMENTIONED SERIES OF OBLIGATIONS; AND OTHER MATTERS IN CONNECTION THEREWITH

WHEREAS, pursuant to the authority contained in (i) Chapter 1502, as amended, Texas Government Code, (ii) certain ordinances (the “Senior Lien Bond Ordinances”) previously adopted by the City Council (the “City Council”) of the City of San Antonio, Texas (the “City”) authorizing the issuance of the currently outstanding senior lien revenue bonds (the “Previously Issued Senior Lien Bonds”), (iii) certain ordinances (the “Junior Lien Bond Ordinances”) authorizing the issuance of the currently outstanding junior lien revenue bonds (the “Previously Issued Junior Lien Bonds” and collectively with the Previously Issued Senior Lien Bonds, the “Previously Issued Bonds”), (iv) certain ordinances (the “Subordinate Lien Bond Ordinances”) previously adopted by the City Council authorizing the issuance of subordinate lien revenue bonds and obligations arising under a related credit agreement, and (v) an ordinance adopted by the City Council relating to the implementation of a commercial paper program (the “Commercial Paper Ordinance”) under which is issued from time to time subordinate lien commercial paper notes (the “Commercial Paper Notes”), the complete management and control of the water system (the “System”) of the City is vested in a Board of Trustees known as the San Antonio Water System (the “Board”), during the period of time any of such foregoing obligations are outstanding and unpaid; and

WHEREAS, the Board has determined that one or more series of junior lien revenue refunding bonds in an amount not to exceed \$306,085,000 to be designated as “City of San Antonio, Texas Water System Junior Lien Revenue Refunding Bonds (No Reserve Fund)”, and as further designated by series and interest rate convention (fixed or variable) (the “Proposed Bonds”), should now be issued by the City to provide funds to (i) discharge and make final payment of certain Previously Issued Bonds, and (ii) pay certain costs of issuance; and

WHEREAS, by virtue of the authority and power vested in the Board with reference to the expenditure and application of the revenues of the System and to comply with the terms and conditions prescribed in the Senior Lien Bond Ordinances and Junior Lien Bond Ordinances, respectively, for the issuance of additional bonds payable from and secured by a junior and inferior lien on and pledge of the Net Revenues of the System, it is necessary and proper for the Board to formally request the City Council to authorize and sell, from time to time, the Proposed Bonds, consent to the issuance of the same, approve the ordinance authorizing each series of the Proposed Bonds, including the approval of the respective disclosure documents relating thereto

and the purchase of bond insurance, if any, along with approving, to the extent applicable or required, and agree to comply with all the terms and provisions of such ordinance, including, but not limited to, those relating to the operation of the System and the handling of the proceeds of each series of the Proposed Bonds; and

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE SAN ANTONIO WATER SYSTEM THAT:

1. The City Council is hereby formally requested to authorize and sell junior lien revenue refunding bonds, bearing interest at fixed or variable rates, earlier defined herein as the Proposed Bonds, in a principal amount not to exceed the resultant amount upon application of the limitations described in the preamble hereof, payable from a junior and inferior lien on and pledge of the Net Revenues of the System and as Additional Junior Lien Bonds that are Junior Lien Obligations – No Reserve Fund (being obligations that are issued without the additional security provided by a lien on and pledge of the Reserve Fund), and the Board by the adoption of this Resolution hereby evidences its consent to the issuance and sale of one or more series of junior lien bonds and the payment thereof from the Net Revenues of the System on the level of priority specified above, as well as its approval of an ordinance (the “Proposed Bond Ordinance”) authorizing the issuance of the Proposed Bonds, substantially in the form attached to this Resolution as Exhibit A, and incorporated herein by reference for all purposes, including the delegation of the terms of sale, if any, to each Authorized Official as set forth in the Proposed Bond Ordinance; and the Board hereby agrees to comply with all of the terms and provisions of the Proposed Bond Ordinance with relation to the administration and operation of the System and the disposition of the revenues therefrom.

2. The offering document relating to each series of the Proposed Bonds, each substantially in the form presented at this meeting, is hereby approved, the Chairman or Secretary of the Board is authorized to prepare or approve any changes or additions to these disclosure documents when such shall be deemed appropriate or necessary, and the Chairman or Vice Chairman and Secretary of the Board is authorized to execute each final Official Statement on behalf of the Board.

3. Each Purchase Contract among the Senior Managing Underwriter or group of Underwriters named in such Purchase Contract (the “Purchase Contract”), the Board, and the City relating to each series of Proposed Bonds, will be approved by the Chairman or Vice Chairman of the Board or other Authorized Official, and any of them are authorized to execute each final Purchase Contract on behalf of the Board. Each Authorized Official is hereby authorized to execute the “Approval Certificate” for each series of Proposed Bonds evidencing final terms of sale thereof, if such Authorized Official, based upon the advice of the authorized representatives of the System (including its co-financial advisors), determines that the interest rates negotiated with the Senior Managing Underwriter or group of Underwriters named in the applicable Purchase Contract are acceptable and within the limits authorized by the Proposed Bond Ordinance, as described in such ordinance, pursuant to Chapters 1207 and 1371, as amended, Texas Government Code.

4. The Board recognizes that the applicable section or subsection of a Proposed Bond Ordinance entitled “Covenants to Maintain Tax Exempt Status” contain covenants of the

City relating each series of Proposed Bonds. Since the proceeds of each series of the Proposed Bonds will be entirely within the control and disposition of the Board, the Board specifically adopts the covenants to be made by the City Council in that Section of the Proposed Bond Ordinance.

5. The Board recognizes that the applicable section or subsection of a Proposed Bond Ordinance entitled "Continuing Disclosure of Information" contain covenants of the City relating to each series of Proposed Bonds. Since certain financial information, financial status, operating data, and annual audits of the System will be entirely within the control and disposition of the Board, the Board specifically adopts the covenants to be made by the City Council in that Section of the Proposed Bond Ordinance.

6. The Board approves the delegation to each Authorized Official of the selection of the bond insurer, if any, for the Proposed Bonds, and to otherwise comply with the conditions precedent to the issuance of any series of Proposed Bonds, as authorized by the Proposed Bond Ordinance and any other matter to effectuate the intent and purpose the Proposed Bond Ordinance.

7. The professionals appointed by the Board, PFM Financial Advisors LLC and Estrada Hinojosa & Company, Inc., as the co-financial advisors, and Norton Rose Fulbright US LLP and another law firm in its role of co-bond counsel (collectively, "Co-Bond Counsel"), are authorized, upon consultation with System and City staff to coordinate the legal and financial aspects relating to these transactions including, but not limited to, preparation of related bond documents, and to otherwise coordinate the legal and financial aspects of these matters with the national rating services and bond insurance companies (if applicable) to ensure that the System and the City receives the lowest possible interest rate for the issuance of any series of Proposed Bonds. In addition, the Board authorizes the payment of the national rating agency fees, bond insurance premiums (if any), and all and all professional fees and expenses associated with the issuance of any series of Proposed Bonds upon the approval of written invoices by any Authorized Officials, or his or her designee.

8. In order to comply with various provisions of Texas law and for the interest on the Proposed Bonds to be tax exempt, various certificates must be provided to Co-Bond Counsel and to the Attorney General for the State of Texas; therefore, upon obtaining the advice and consent of legal counsel, the Chairman, Vice Chairman, or Secretary of the Board and each other Authorized Official are authorized to execute any certificate (including but not limited to a Certificate of Tax Exemption relating to any series of Proposed Bonds), or other documents, relating to the issuance, sale, and delivery of any series of the Proposed Bonds.

9. The Board delegates to each Authorized Official the authority to take any and all other actions consistent with the provisions of this Resolution and the Proposed Bond Ordinance to effectuate the sale, issuance and delivery of any series of the Proposed Bonds.

10. The recitals contained in the preamble hereof are hereby found to be true, and such recitals are hereby made a part of this Resolution for all purposes and are adopted as a part of the judgment and findings of the Board.

11. All ordinances and resolutions, or parts thereof, which are in conflict or inconsistent with any provision of this Resolution are hereby repealed to the extent of such conflict, and the provisions of this Resolution shall be and remain controlling as to the matters resolved herein.

12. This Resolution shall be construed and enforced in accordance with the laws of the State of Texas and the United States of America.

13. If any provision of this Resolution or the application thereof to any person or circumstance shall be held to be invalid, the remainder of this Resolution and the application of such provision to other persons and circumstances shall nevertheless be valid, and the Board hereby declares that this Resolution would have been enacted without such invalid provision.

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

15. This Resolution shall be in force and effect from and after its final passage, and it is so resolved.

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PASSED AND APPROVED this the 7th day of May, 2019.

BOARD OF TRUSTEES, SAN ANTONIO
WATER SYSTEM

Chairman

Attest:

Secretary

DRAFT

EXHIBIT A

Proposed Bond Ordinance

See Tab No. 1

DRAFT