

#### Recommendation for Water & Wastewater Commission

	Water & Wastewater Commission
Commission Meeting Date:	October 14, 2015
Council Meeting Date:	November 12, 2015
Department:	Public Works
	SUBJECT
<b>TEXAS, LT</b> \$5,163,688.	xecution of a construction contract with <b>SJ LOUIS CONSTRUCTION OF</b> <b>D.,</b> for the Harris Branch Interceptor "Lower A" project in the amount of 52 plus a \$516,368.85 contingency, for a total contract amount not to exceed 37. (District 1)
	AMOUNT AND SOURCE OF FUNDING
Funding is a	vailable in the Fiscal Year 2015-2016 Capital Budget of the Austin Water.
Purchasing Language:	Lowest bid of 5 bids received.
Prior Council Action:	N/A
For More Information:	Lisa Whitworth, 512-974-5615; Yvonne Gil, 512-972-7048; Lucy Bonee, 512- 974-7967; Sarah Torchin, 512-974-7141
Boards and Commission Action:	October 14, 2015- To be reviewed by Water and Wastewater Commission.
MBE/WBE:	This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 6.13% MBE and 1.28% WBE subcontractor participation.

This project will install approximately 9,600 linear feet of 30-inch diameter wastewater line from west of State Hwy 130 along the north and south banks of Harris Branch Creek to the Harris Branch Wastewater Package Plant. In addition, to remove an existing siphon line, this project will install approximately 2,056 linear feet of a new 12inch gravity wastewater line connecting to the new 30-inch diameter wastewater line. Once completed, the new wastewater lines will allow the decommissioning of the Harris Branch Wastewater Package Plant, located along Arlington Mill Road. The existing Harris Branch Wastewater Package Plant was built in 1988 as a temporary facility by the Northwest Travis County MUD which later annexed by the Austin Water. Due to its advancing age and condition, it was decided to decommission the Harris Branch Wastewater Package Plant and send flows to the Wild Horse Wastewater Treatment Plant along Blue Bluff Road in Manor, Texas. The decommissioning will eliminate the annual costs associated with its maintenance, monitoring, and repair.

This project and the new interceptor contains, 7 tunnels including 2 tunnels crossing under Harris Branch creek. Because of the large percentage of tunneling on the project and due to the potential for encountering unknown conditions, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders.

The contract allows 365 calendar days for completion of this project. This project is located within zip code 78653 (District 1) and is managed by the Public Works Department.

SJ Louis Construction of Texas, Ltd. is located in San Antonio, Texas.

#### M/WBE Summary

Bid documents were distributed to 15 general contractors. Bids were opened on August 20, 2015. SJ Louis Construction of Texas, Ltd. submitted the lowest of 5 bids received:

S J Louis Construction of Texas, LTD, San Antonio, TX	\$5,163,688.52
Southland Contracting, Inc., Ft. Worth, TX	\$6,158,355.00
Santa Clara Construction, Ltd., Austin, TX	\$7,133,406.00
DeNucci Constructors, LLC., Austin, TX	\$7,526,275.00
M.A. Smith Contracting Co, Inc., Austin, TX	\$7,729,050.50

The contractor's choice of work methodology provides for 12 areas of subcontracting opportunities which are listed below. Project specific subgoals stated in the solicitation were 1.50% African American; 3.87% Hispanic; 0.53% Native/Asian, 1.24% WBE. Total participation estimated on base bid amount of \$5,163,688.52:

NON M/WBE TOTAL – PRIME	\$3,675,938.52	71.20%
S J Louis Construction of Texas, Ltd., San Antonio, TX	\$3,675,938.52	71.20%
MBE TOTAL – SUBCONTRACTORS	\$316,750.00	<u>6.13%</u>
African American Subtotal	\$82,750.00	1.60%
(MB) Comanche Xpress, Austin, TX (hauling)	\$40,000.00	0.77%
(MB) JTE, Austin, TX (manholes)	\$42,750.00	0.83%

Hispapia Subtatal	\$205,000.00	3.97%
Hispanic Subtotal (MH) D & S Texas Icon Constructions, LLC, Austin, TX	\$30,000.00	0.58%
(site work)	φ00,000.00	0.0070
(MH) Modern Treatments, Austin, TX	\$175,000.00	3.39%
(steel pipe liner supplier)	<i>•••••••••••••••••••••••••••••••••••••</i>	
Native/Asian Subtotal	\$29,000.00	0.56%
(MA) Benqwest, Austin, TX (fuel supplier)	\$29,000.00	0.56%
WBE TOTAL – SUBCONTRACTORS	\$66,000.00	<u>1.28%</u>
(FA) KLP Commercial LLC, Austin, TX (building supplies)	\$20,000.00	0.39%
(FH) Lewis Concrete Restoration, Buda, TX	\$28,000.00	0.54%
(corrosion control service)		
(FA) Metalink Corp., Austin, TX (fencing)	\$18,000.00	0.35%
NON M/WBE TOTAL – SUBCONTRACTORS	<u>\$1,105,000.00</u>	<u>21.39%</u>
Concrete Structure, San Antonio, TX (concrete)	\$89,000.00	1.72%
General Polymer, Boulder City, NV (manholes)	\$550,000.00	10.65%
Hobas Pipe USA, Houston, TX (pipe supplier)	\$426,000.00	8.25%
Matoka, Austin, TX (erosion control)	\$40,000.00	0.77%
The Contractor submitted a MDE/M/DE Compliance Dian		ala of the

The Contractor submitted a MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Department of Small & Minority Business Resources. Second and third low bidder information is provided.

SECOND BIDDER - Southland Contracting, Inc., Ft. Worth, TX \$6,158,355.00 92.86% NON M/WBE prime participation; 1.50% African American; 3.87% Hispanic; 0.53% Native/Asian; 1.24% WBE; 0.00% Non M/WBE subcontractor participation.

THIRD BIDDER - Santa Clara Construction, Ltd., Austin, TX\$7,133,406.0069.66% M/H M/WBE prime participation; 1.52% African American; 0.55% Native/Asian;1.25% WBE; 27.02% Non M/WBE subcontractor participation.

### **CERTIFIED BID TAB**

CITY OF AUSTIN			Sofie	in Water Johnson Whitworl	n	у				<u></u>						TIME:			W. RIVERS	1:00	2015 PM DR., Ste. 210		
DID TABOLATION			PROJECT CONSULTANTS: DURATION:	Char	n & Partn	ers E	ingineers LL	.C										E EXPIRATI		ES:	90 CAL. DAYS \$1200 P/CAL. DA		
PROJECT: Harris Branch Interceptor Lower A and Siphon Decommission																SUB	ID#	4769	9.01				
BID INVITATION N	0:		CLMC541														RES	PONSES:					
FDU NUMBER(S):																	ESTI	MATE:	\$315	5,000.00			
												eNucci Cor	nstruct	ors, LLC	N	I.A. Smith C	Contra	cting Co. Inc.					
LOCATION:		San Ar	ntonic	o, TX	Ft. Worth, TX					Austir	n, TX		Aus	tin, TX		Austin, TX							
GUARANTEE: BB-Bid Bond CC-Cashiers Check CTC-Cert. Chk.						BB		BB					BI	В			BB		BB				
ADDENDA ACKNO	WLEDG	ED			•	Yes			Ye	es		Yes				١	Yes				Yes		
BID ITEM	QTY	UNIT	ITEM DESCRIPTION	UNI	T PRICE	4	AMOUNT	U			AMOUNT	U	INIT PRICE	AMOUNT	UNI	T PRICE	A	MOUNT	UN	IT PRICE		AMOUNT	
101S-C	1	LS	Preparing the Right of Way	\$ 9	90,000.00	\$	90,000.00	\$	15,000.00	\$	15,000.00	\$	100,000.00	\$ 100,000.00	\$ 1 <sup>°</sup>	75,000.00	\$	175,000.00	\$	34,000.00	\$	34,000.00	
102S-A	13	AC	Clearing and Grubbing	\$	910.00	\$	11,830.00	\$	4,000.00	\$	52,000.00	\$	2,500.00	\$ 32,500.00	\$	6,500.00	\$	84,500.00	\$	4,500.00	\$	58,500.00	
509S-1	9980	LF	Trench Excavation Safety Protection Systems (all depths)	\$	0.01	\$	99.80	\$	5.00	\$	49,900.00	\$	1.00	\$ 9,980.00	\$	3.00	\$	29,940.00	\$	2.00	\$	19,960.00	
510-AWW12-1	1960	LF	Pipe, 12-In. Dia. PVC SDR-26 Pipe (all depths), including Excavation and Backfill	\$	157.00	\$	307,720.00	\$	100.00	\$	196,000.00	\$	216.00	\$ 423,360.00	\$	125.00	\$	245,000.00	\$	165.00	\$	323,400.00	
510-AWW12-2	50	LF	Pipe, 12-In. Dia. PVC SDR-18 Pipe (all depths), including Excavation and Backfill	\$	137.00	\$	6,850.00	\$	100.00	\$	5,000.00	\$	224.00	\$ 11,200.00	\$	225.00	\$	11,250.00	\$	165.00	\$	8,250.00	
510-AWW24	10	LF	Pipe, 24-In. Dia. PS115 Pipe (all depths), including Excavation and Backfill	\$	102.00	\$	1,020.00	\$	125.00	\$	1,250.00	\$	300.00	\$ 3,000.00	\$	350.00	\$	3,500.00	\$	315.00	\$	3,150.00	
510-AWW30	5640		Pipe, 30-In. Dia. FRPM Pipe Class SN72 or PVC PS115 Pipe (all depths), including Excavation and Backfill	\$	271.20	\$	1,529,568.00	\$	170.00	\$	958,800.00	\$	324.00	\$ 1,827,360.00	\$	253.00	\$ 1	,426,920.00	\$	275.00	\$	1,551,000.00	
510-AWW36	625		Pipe, 36-In. Dia. FRPM Pipe Class SN72 or PVC PS115 Pipe (all depths), including Excavation and Backfill	\$	282.00	\$	176,250.00	\$	200.00	\$	125,000.00	\$	343.00	\$ 214,375.00	\$	295.00	\$	184,375.00	\$	310.00	\$	193,750.00	
510-AWW30-FRPM	960		Pipe, 30-In. Dia. FRPM Pipe Class SN72 (all depths), including Excavation and Backfill	\$	264.00	\$	253,440.00	\$	170.00	\$	163,200.00	\$	324.00	\$ 311,040.00	\$	253.00	\$	242,880.00	\$	312.00	\$	299,520.00	
510-AWW36-FRPM	730	LF	Pipe, 36-In. Dia. FRPM Pipe Class SN72 (all depths), including Excavation and Backfill	\$	282.00	\$	205,860.00	\$	200.00	\$	146,000.00	\$	343.00	\$ 250,390.00	\$	295.00	\$	215,350.00	\$	308.00	\$	224,840.00	
510-SD12	85	LF	Pipe, 12-In. Dia. RCP Class V (all depths), including Excavation and Backfill	\$	134.00	\$	11,390.00	\$	100.00	\$	8,500.00	\$	60.00	\$ 5,100.00	\$	225.00	\$	19,125.00	\$	80.00	\$	6,800.00	
591S-B	80	CY	Dry Rock Riprap (D50 = 18-in.)	\$	120.00	\$	9,600.00	\$	150.00	\$	12,000.00	\$	95.00	\$ 7,600.00	\$	200.00	\$	16,000.00	\$	115.00	\$	9,200.00	

## **CERTIFIED BID TAB**

604S-B	7.4	AC	Non-Native Seeding for Erosion Control Method, Fiber Mulch	\$ 1,850.00	\$ 13,6	0.00	\$ 5,100.00	\$	37,740.00	\$ 5,450.00	\$ 40,330.00	\$ 6,000.00	\$ 44	,400.00	\$	7,500.00	\$ 55,500.00
604S-D	4.8	AC	Native Seeding for Erosion Control Method, Fiber Mulch	\$ 4,350.00	\$ 20,8	30.00	\$ 2,000.00	) \$	9,600.00	\$ 1,725.00	\$ 8,280.00	\$ 6,500.00	\$ 31	,200.00	\$	3,900.00	\$ 18,720.00
604S-F	1.8	AC	Mulch	\$ 3,500.00	\$ 6,3	00.00	\$ 4,000.00	) \$	7,200.00	\$ 4,025.00	\$ 7,245.00	\$ 4,600.00	\$ 8	,280.00	\$	3,900.00	\$ 7,020.00
605S-A	2880	SY	Soil Retention Blanket Class 2; Type F	\$ 6.00	\$ 17,2	30.00	\$ 8.00	) \$	23,040.00	\$ 5.50	\$ 15,840.00	\$ 8.50	\$ 24	,480.00	\$	4.75	\$ 13,680.00
609S-C	1050	SY	Native Grassland Seeding and Planting	\$ 4.75	\$ 4,9	37.50	\$ 3.50	) \$	3,675.00	\$ 3.00	\$ 3,150.00	\$ 8.00	\$ 8	,400.00	\$	3.25	\$ 3,412.50
			Protective Fencing Type A Chain Link fence (Typical Application-														
610S-A	1100	LF	high damage potential)	\$ 2.75	\$ 3,0	25.00	\$ 3.00	) \$	3,300.00	\$ 5.00	\$ 5,500.00	\$ 8.00	\$ 8	,800.00	\$	3.00	\$ 3,300.00
639S	540	LF	Rock Berm	\$ 27.00	\$ 14,5	80.00	\$ 35.00	) \$	18,900.00	\$ 40.00	\$ 21,600.00	\$ 60.00	\$ 32	,400.00	\$	32.00	\$ 17,280.00
642S	10020	LF	Silt Fence for Erosion Control	\$ 2.00	\$ 20,0	0.00	\$ 2.00	) \$	20,040.00	\$ 4.00	\$ 40,080.00	\$ 4.00	\$ 40	,080.00	\$	2.75	\$ 27,555.00
648S	920	LF	Mulch Sock	\$ 7.50	\$ 6,9	00.00	\$ 8.00	) \$	7,360.00	\$ 15.00	\$ 13,800.00	\$ 26.00	\$ 23	,920.00	\$	8.50	\$ 7,820.00
700S-TM	1	LS	Total Mobilization Payment	\$ 180,000.00	\$ 180,0	00.00	\$ 250,000.00	)\$	250,000.00	\$ 272,880.00	\$ 272,880.00	\$ 260,000.00	\$ 260	,000.00	\$ 2	30,000.00	\$ 230,000.00
701S-CS	4	EA	Chain Link Vehicular Single Swing Gate, 12-ft x 6-ft,	\$ 200.00	\$ 8	00.00	\$ 625.00	)\$	2,500.00	\$ 660.00	\$ 2,640.00	\$ 2,800.00	\$ 11	,200.00	\$	675.00	\$ 2,700.00
701S-T	2000	LF	Temporary Chain Link Fence, 6-ft	\$ 2.50	\$ 5,0	00.00	\$ 5.00	)\$	10,000.00	\$ 6.00	\$ 12,000.00	\$ 12.00	\$ 24	,000.00	\$	5.50	\$ 11,000.00
703	8400	LF	Safety Fencing	\$ 1.50	\$ 12,6	00.00	\$ 2.50	)\$	21,000.00	\$ 1.50	\$ 12,600.00	\$ 6.00	\$ 50	,400.00	\$	1.50	\$ 12,600.00
802S-B-CIP	4	EA	C.I.P. Project Signs	\$ 800.00	\$ 3,2	00.00	\$ 700.00	)\$	2,800.00	\$ 600.00	\$ 2,400.00	\$ 650.00	\$ 2	,600.00	\$	500.00	\$ 2,000.00
803S-CD	365	CD	Barricades, Signs, and Traffic Handling	\$ 0.01	\$	3.65	\$ 50.00	)\$	18,250.00	\$ 24.00	\$ 8,760.00	\$ 125.00	\$ 45	,625.00	\$	61.00	\$ 22,265.00
			Planting Type 1-Gallon Native Bunch Grass Species, per plans,														
SP608S-BG	50	EA	planting tables and details.	\$ 8.00	\$ 4	00.00	\$ 250.00	)\$	12,500.00	\$ 13.00	\$ 650.00	\$ 75.00	\$ 3	,750.00	\$	10.00	\$ 500.00
			Planting Type 5-Gallon Native Tree Species, per plans, planting														
SP608S-TR	12	EA	tables and details.	\$ 21.00	\$ 2	2.00	\$ 500.00	)\$	6,000.00	\$ 33.00	\$ 396.00	\$ 100.00	\$ 1	,200.00	\$	25.00	\$ 300.00
SP641S	2350	SY		\$ 1.00	\$ 2,3	0.00	\$ 30.00	)\$	70,500.00	\$ 19.50	\$ 45,825.00	\$ 40.00	\$ 94	,000.00	\$	4.00	\$ 9,400.00
SS1000	3	EA	Coffer Dam Dewatering System	\$ 3,000.00	\$ 9,00	0.00	\$ 10,000.00	\$	30,000.00	\$ 1,000.00	\$ 3,000.00	\$ 23,000.00	\$ 69	,000.00	\$	10,500.00	\$ 31,500.00
SS1050S-EDM4	48	LVF	Extra Depth WW Manjole, 4' Dia.	\$ 146.00	\$ 7,0	8.00	\$ 500.00	\$	24,000.00	\$ 405.00	\$ 19,440.00	\$ 400.00	\$ 19	,200.00	\$	564.00	\$ 27,072.00
SS1050S-EDM5	42	LVF	Extra Depth WW Manjole, 5' Dia.	\$ 228.00	\$ 9,5	6.00	\$ 525.00	\$	22,050.00	\$ 630.00	\$ 26,460.00	\$ 500.00	\$ 21	,000.00	\$	638.00	\$ 26,796.00
SS1050S-EDM6	310	LVF	Extra Depth WW Manjole, 6' Dia.	\$ 250.00	\$ 77,50	0.00	\$ 550.00	\$	170,500.00	\$ 950.00	\$ 294,500.00	\$ 850.00	\$ 263	,500.00	\$	376.00	\$ 116,560.00
SS1050S-EDM8	25	LVF	Extra Depth WW Manjole, 8' Dia.	\$ 578.00	\$ 14,4	0.00	\$ 600.00	\$	15,000.00	\$ 1,350.00	\$ 33,750.00	\$ 1,250.00	\$ 31	,250.00	\$	376.00	\$ 9,400.00
SS1050S-MWW-4	6	EA	Standard Pre-cast Manhole w/Pre-cast Base, 4' Dia.	\$ 3,062.00	\$ 18,3	2.00	\$ 4,000.00	\$	24,000.00	\$ 5,150.00	\$ 30,900.00	\$ 10,500.00	\$ 63	,000.00	\$	11,500.00	\$ 69,000.00
SS1050S-MWW-5	2	EA	Standard Pre-cast Manhole w/Pre-cast Base, 5' Dia.	\$ 4,647.00	\$ 9,29	4.00	\$ 8,000.00	\$	16,000.00	\$ 7,750.00	\$ 15,500.00	\$ 12,000.00	\$ 24	,000.00	\$	13,500.00	\$ 27,000.00
SS1050S-CN-M	2	EA	Connect to Existing Manhole	\$ 4,700.00	\$ 9,40	0.00	\$ 1,000.00	\$	2,000.00	\$ 4,600.00	\$ 9,200.00	\$ 3,500.00	\$ 7	,000.00	\$	5,500.00	\$ 11,000.00
SS1050S-CN-P	2	EA	Connect to Existing Pipe	\$ 4,700.00	\$ 9,40	0.00	\$ 1,000.00	\$	2,000.00	\$ 2,400.00	\$ 4,800.00	\$ 8,500.00	\$ 17	,000.00	\$	400.00	\$ 800.00
SS1050S-JWW-10x6	1	EA	Junction Box, 10 ft. X 6 ft.	\$ 79,850.00	\$ 79,8	0.00	\$ 50,000.00	\$	50,000.00	\$ 76,850.00	\$ 76,850.00	\$ 60,000.00	\$ 60	,000.00	\$	95,000.00	\$ 95,000.00
SS1050S-JWW-14x8	1	EA	Junction Box, 14 ft. X 8 ft.	\$ 80,000.00	\$ 80,00	0.00	\$ 65,000.00	\$	65,000.00	\$ 91,650.00	\$ 91,650.00	\$ 85,000.00	\$ 85	,000.00	\$ 1	15,000.00	\$ 115,000.00
SS1050-P2WW-5	1	EA	Pre-cast Polymer Concrete Manhole w/Pre-case Base, 5' Dia.	\$ 16,952.00	\$ 16,9	2.00	\$ 25,000.00	\$	25,000.00	\$ 13,250.00	\$ 13,250.00	\$ 28,000.00	\$ 28	,000.00	\$	47,000.00	\$ 47,000.00
SS1050-P2WW-6	17	EA	Pre-cast Polymer Concrete Manhole w/Pre-case Base, 6' Dia.	\$ 26,974.00	\$ 458,5	8.00	\$ 30,000.00	\$	510,000.00	\$ 42,750.00	\$ 726,750.00	\$ 48,000.00	\$ 816	,000.00	\$	49,000.00	\$ 833,000.00
SS1050-P2WW-8	2	EA	Pre-cast Polymer Concrete Manhole w/Pre-case Base, 8' Dia.	\$ 29,735.00	\$ 59,47	0.00	\$ 65,000.00	\$	130,000.00	\$ 76,450.00	\$ 152,900.00	\$ 80,000.00	\$ 160	,000.00	\$ 1	08,000.00	\$ 216,000.00
SS1100	1	EA	Siphon Line Decommission	\$ 8,500.00	\$ 8,50	0.00	\$ 25,000.00	\$	25,000.00	\$ 6,350.00	\$ 6,350.00	\$ 225,000.00	\$ 225	,000.00	\$	18,000.00	\$ 18,000.00
SS1540-BP12	1	EA	By-Pass Pumping for lines 12"	\$ 31,800.00	\$ 31,80	0.00	\$ 15,000.00	\$	15,000.00	\$ 3,000.00	\$ 3,000.00	\$ 45,000.00	\$ 45	,000.00	\$	17,500.00	\$ 17,500.00
SS1540-BP24	1	EA	By-Pass Pumping for lines 20" to 24"	\$ 35,450.00	\$ 35,45	0.00	\$ 25,000.00	\$	25,000.00	\$ 3,600.00	\$ 3,600.00	\$ 60,000.00	\$ 60	,000.00	\$	23,000.00	\$ 23,000.00
SS02400-AS	7	EA	Access Shaft, complete and in place.	\$ 7,500.00	\$ 52,50	0.00	\$ 30,000.00	\$	210,000.00	\$ 66,125.00	\$ 462,875.00	\$ 65,000.00	\$ 455	,000.00	\$ 1	00,000.00	\$ 700,000.00
SS02400-ES	7	EA	Exit Shaft, complete and in place.	\$ 0.01	\$	0.07	\$ 20,000.00	\$	140,000.00	\$ 30,500.00	\$ 213,500.00	\$ 45,000.00	\$ 315	,000.00	\$	70,000.00	\$ 490,000.00

#### **CERTIFIED BID TAB**

SS02450-30	1120	LF	Installation of Pipe in Tunnel, 30-inch FRPM, including tunnel, encasement pipe, and carrier pipe, complete in place.	\$ 775.00	\$ 86	68,000.00	\$ 1,500.00	\$ 1,680,000.00	\$ 750.00	\$ 840,000.00	\$ 850.00	\$ 952,000.00	\$ 1,000.00	\$ 1,120,000.00
SS02450-36	465	1	Installation of Pipe in Tunnel, 36-inch FRPM, including tunnel, encasement pipe, and carrier pipe, complete in place.	\$ 844.50	\$ 39	92,692.50	\$ 1,550.00	\$ 720,750.00	\$ 850.00	\$ 395,250.00	\$ 950.00	\$ 441,750.00	\$ 1,200.00	\$ 558,000.00
		I	TOTAL BID:	 	\$ 5,16	63,688.52		\$ 6,158,355.00		\$ 7,133,406.00		\$ 7,526,275.00		\$ 7,729,050.50

TRUE COPY OF BID TABULATION AS RECEIVED OR CORRECTED IN ACCORDANCE WITH CONDITIONS GOVERNING PROPOSALS.

thie opusar 9-1-15

CONTRACT MANAGEMENT DEPARTMENT DATE CONTRACT PROCUREMENT & DEVELOPMENT DIVISION, CITY OF AUSTIN, TX



# Harris Branch Interceptor Lower 'A' and Siphon Line Decommission

Located in District # 1 CIP # 4769.010