



## Recommendation for Water & Wastewater Commission

<b>Commission Meeting Date:</b>	January 13, 2016
<b>Council Meeting Date:</b>	January 28, 2016
<b>Department:</b>	Public Works
<b>SUBJECT</b>	
Authorize execution of a construction contract with <b>M. A. SMITH CONTRACTING COMPANY, INC.</b> for Austin Heights Neighborhood Upgrade Systems Project in the amount of \$1,692,497.50 plus an \$84,624.87 contingency, for a total contract amount not to exceed \$1,777,122.37. (District 1).	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
Funding is available in the Fiscal Year 2015-2016 Capital Operating Budget of Austin Water.	
<b>Purchasing Language:</b>	Lowest bid of 6 bids received.
<b>Prior Council Action:</b>	N/A
<b>For More Information:</b>	Brenda Baker, 512-974-1175; Ron Crane, 512-972-0260; Denise Avery, 512-972-0104; Lucy Bonee, 512-974-7967; Sarah Torchin, 512-974-7141
<b>Boards and Commission Action:</b>	January 13, 2016- To be reviewed by the Water and Wastewater Commission.
<b>MBE/WBE:</b>	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 5.27% MBE and 1.18% WBE participation.

The Austin Heights Neighborhood Water System Upgrades project is a component of the Austin Water Utility (AWU) Renewing Austin Program. The program has been developed to rehabilitate the City of Austin's aging water infrastructure. The Program will replace 10 miles of water pipe per year.

The project is within the boundaries of Martin Luther King Jr. Blvd to the south, 38<sup>th</sup> Street to the north, Tillery Street to the east and Boggy Creek to the west. The water rehabilitation consists of replacing approximately 6,620 linear feet of 8-inch water line and approximately 205 linear feet of 12-inch water line. Also included is the installation of 155 water service connections, 15 fire hydrants and 43 gate valves.

Due to the potential for encountering unknown utilities, a 5% contingency in funding has been included to allow for the expeditious processing of any change orders.

The construction contract dictates how long the bid prices are valid. If the contract is not signed within this time period, the contractor has the option to increase any or all bid item prices, thus increasing the total project cost.

The contract allows 300 calendar days for completion of this project. This project is located within zip code 78722 (District 1) and is managed by the Public Works Department.

M.A. Smith Contracting Company, Inc. is located in Austin, Texas.

### **M/WBE Summary**

Bid documents were distributed to 6 general contractors. Bids were opened on December 3, 2015. The M. A. Smith Contracting Company, Inc. submitted the lowest of 6 bids received:

M. A. Smith Contracting Company, Inc., Austin, TX	\$1,692,497.50
Prota Construction, Inc., Austin, TX	\$1,779,397.00
Santa Clara Construction, LTD., Austin, TX	\$1,841,045.00
Austin Underground, Inc., Lago Vista, TX	\$2,016,580.00
DeNucci Constructors, Inc., Austin, TX	\$2,056,015.00
Central Road & Utility, Austin, TX	\$2,884,623.54

The contractor's choice of work methodology provides for 5 areas of subcontracting opportunities which are listed below. Project specific subgoals stated in the solicitation were 0.71% African American; 4.08% Hispanic; 0.41% Native/Asian, 1.18% WBE. Total participation estimated on base bid amount of \$1,692,497.50:

<b>NON M/WBE TOTAL – PRIME</b>	<b>\$1,313,598.08</b>	<b>77.61%</b>
M. A. Smith Contracting Company, Inc., Austin, TX	\$1,313,598.08	77.61%
<b>MBE TOTAL – SUBCONTRACTORS</b>	<b>\$89,025.37</b>	<b>5.26%</b>
<b>African American Subtotal</b>	<b>\$12,016.73</b>	<b>0.71%</b>
Avery's Lawncare, Round Rock, TX (Erosion Control)	\$12,116.73	0.71%

Hispanic Subtotal	\$70,001.70	4.14%
Mars Industries LLC., Cedar Creek, TX (Pipe)	\$70,001.70	4.14%
Native/Asian Subtotal	\$7,006.94	0.41%
Marie's Trucking, Austin, TX (Hauling)	\$7,006.94	0.41%
WBE TOTAL – SUBCONTRACTORS	\$20,056.10	1.19%
N-Line Traffic, Austin, TX (Traffic Control)	\$20,056.10	0.89%
Chlor-Serv, Inc., Hutto, TX (Testing)	\$4,992.87	0.30%
NON M/WBE TOTAL – SUBCONTRACTORS	\$269,017.95	15.94%
Texas Concrete Materials, Del Valle, TX (Concrete)	\$507.75	0.03%
Redi-Mix LLC., Austin, TX (Ready Mix Concrete)	\$507.75	0.03%
G & R Surveying LLC., Austin, TX (Land Surveying)	\$4,992.87	0.30%
Lauren Concrete, Austin, TX (Concrete)	\$507.75	0.03%
TRP Construction Group, Fort Worth, TX (Construction Services)	\$304.65	0.02%
Fuquay, Austin, TX (Coatings)	\$12,998.38	0.77%
APAC Teas, Inc., Round Rock, TX (Pavement)	\$249,998.81	14.77%
<p>The Contractor submitted a MBE/WBE Compliance Plan that met the goals of the solicitation and was approved by the Department of Small &amp; Minority Business Resources. Second and third low bidder information is provided.</p>		
<p>SECOND BIDDER - Prota Construction, Inc., Austin, TX \$1,779,397.00  40.15% M/WBE prime participation; 0.73% African American; 40.15% Hispanic; 0.42% Native/Asian; 2.54% WBE; 16.01% Non M/WBE subcontractor participation.</p>		
<p>THIRD BIDDER - Santa Clara Construction, LTD., Austin, TX \$1,841,045.00  66.83% M/WBE prime participation; 0.76% African American; 0% Hispanic; 0.46% Native/Asian; 1.21% WBE; 30.74% Non M/WBE subcontractor participation.</p>		

CERTIFIED BID TAB

CITY OF AUSTIN				PROJECT SPONSOR: AUSTIN WATER UTILITY				BID OPENING DATE: 12/3/2015							
BID TABULATION				BID CERTIFICATION & CONTRACT REP: MONICA LOPEZ				TIME: 1:00 PM							
				PROJECT MANAGER: BRENDA BAKER				LOCATION: 105 W. RIVERSIDE DR., Ste. 210							
				PROJECT CONSULTANTS: OTHON, INC.				PRICE EXPIRATION: 90 CAL. DAYS							
				DURATION: 360 CAL. DAYS				LIQUIDATED DAMAGES: \$570 P/CAL. DAY							
PROJECT: AUSTIN HEIGHTS WATER SYSTEM UPGRADES				SUB ID# 221.094											
BID INVITATION NO: CLMC572				RESPONSES:											
PROJECT NUMBER(S): 3960 2207 6388				ESTIMATE: \$1,994,588.00											
BIDDER(S):				M.A. SMITH CONTRACTING CO., INC.		PROTA CONSTRUCTION, INC. & PROTA, INC., JV		SANTA CLARA CONSTRUCTION, LTD.		AUSTIN UNDERGROUND, INC.		DENUCCI CONSTRUCTORS, LLC		CENTRAL ROAD & UTILITY, LTD	
LOCATION:				AUSTIN, TX		AUSTIN, TX		AUSTIN, TX		LAGO VISTA, TX		AUSTIN, TX		AUSTIN, TX	
GUARANTEE: BB-Bid Bond CC-Cashiers Check CTC-Cert. Chk.				BB		BB		BB		BB		BB		BB	
ADDENDA ACKNOWLEDGED				N/A		N/A		N/A		N/A		N/A		N/A	
STREET															
BID ITEM	QTY	UNIT	ITEM DESCRIPTION	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
101S-B	68	100 FT STA	PREPARING RIGHT OF WAY	\$ 500.00	\$ 34,000.00	\$ 800.00	\$ 54,400.00	\$ 750.00	\$ 51,000.00	\$ 430.00	\$ 29,240.00	\$ 3,400.00	\$ 231,200.00	\$ 3,028.50	\$ 205,938.00
315S-D	9000	SY	EDGE MILLING	\$ 5.50	\$ 49,500.00	\$ 4.75	\$ 42,750.00	\$ 5.50	\$ 49,500.00	\$ 6.00	\$ 54,000.00	\$ 8.00	\$ 72,000.00	\$ 6.30	\$ 56,700.00
340S-B	21,600	SY	HOT MIX ASPHALTIC CONCRETE PAVEMENT, 2 INCHES, TYPE D	\$ 12.75	\$ 275,400.00	\$ 11.10	\$ 239,760.00	\$ 13.00	\$ 280,800.00	\$ 15.00	\$ 324,000.00	\$ 14.00	\$ 302,400.00	\$ 13.77	\$ 297,432.00
432SR-4	40	SF	RECONSTRUCT CONCRETE SIDEWALKS TO 4 INCH THICNESS, INCLUDING REMOVAL OF EXISTING SIDEWALK	\$ 9.00	\$ 360.00	\$ 13.00	\$ 520.00	\$ 12.00	\$ 480.00	\$ 96.00	\$ 3,840.00	\$ 65.00	\$ 2,600.00	\$ 55.10	\$ 2,204.00
432SR-5	240	SF	RECONSTRUCT CONCRETE SIDEWALKS TO 5 INCH THICNESS, INCLUDING REMOVAL OF EXISTING SIDEWALK	\$ 9.50	\$ 2,280.00	\$ 16.00	\$ 3,840.00	\$ 12.50	\$ 3,000.00	\$ 29.00	\$ 6,960.00	\$ 70.00	\$ 16,800.00	\$ 60.60	\$ 14,544.00
506S4SW	1	EA	MINOR MANHOLE HIEGHT ADJUSTMENT, 4' DIA.	\$ 470.00	\$ 470.00	\$ 538.00	\$ 538.00	\$ 220.00	\$ 220.00	\$ 750.00	\$ 750.00	\$ 350.00	\$ 350.00	\$ 3,853.70	\$ 3,853.70
506S4WW	26	EA	MINOR MANHOLE HEIGHT ADJUSTMENT, 4' DIA.	\$ 1,200.00	\$ 31,200.00	\$ 538.00	\$ 13,988.00	\$ 220.00	\$ 5,720.00	\$ 1,000.00	\$ 26,000.00	\$ 350.00	\$ 9,100.00	\$ 2,339.94	\$ 60,838.44
610S-A	4,800	LF	PROTECTIVE FENCING TYPE A CHAIN LINK FENCE (TYPICAL APPLICATION-HIGH DAMAGE POTENTIAL)	\$ 3.00	\$ 14,400.00	\$ 2.90	\$ 13,920.00	\$ 4.00	\$ 19,200.00	\$ 5.00	\$ 24,000.00	\$ 8.00	\$ 38,400.00	\$ 4.10	\$ 19,680.00
642S	245	LF	SILT FENCE FOR EROSION CONTROL	\$ 2.50	\$ 612.50	\$ 3.00	\$ 735.00	\$ 3.00	\$ 735.00	\$ 2.50	\$ 612.50	\$ 3.00	\$ 735.00	\$ 5.50	\$ 1,347.50
803S-SF	13,600	LF	SAFETY FENCE	\$ 1.50	\$ 20,400.00	\$ 2.15	\$ 29,240.00	\$ 2.00	\$ 27,200.00	\$ 2.00	\$ 27,200.00	\$ 5.00	\$ 68,000.00	\$ 3.90	\$ 53,040.00
863S-4	15	EA	REFELCTORIZED PAVEMENT MARKERS (TYPE II-B-B)	\$ 15.00	\$ 225.00	\$ 54.00	\$ 810.00	\$ 23.00	\$ 345.00	\$ 12.50	\$ 187.50	\$ 105.00	\$ 1,575.00	\$ 27.60	\$ 414.00
871S-A	30	LF	REFLECTORIZED TYPE I THERMOPLASTIC PAVEMENT MARKINGS 24 INCHES IN WIDTH, WHITE IN COLOR	\$ 26.00	\$ 780.00	\$ 54.00	\$ 1,620.00	\$ 29.00	\$ 870.00	\$ 21.00	\$ 630.00	\$ 350.00	\$ 10,500.00	\$ 27.60	\$ 828.00
SUBTOTAL (STREET):					\$ 429,627.50		\$ 402,121.00		\$ 439,070.00		\$ 497,420.00		\$ 753,660.00		\$ 716,819.64


CERTIFIED BID TAB

BIDDER(S):				M.A. SMITH CONTRACTING CO., INC.		PROTA CONSTRUCTION, INC. & PROTA, INC., JV		SANTA CLARA CONSTRUCTION, LTD.		AUSTIN UNDERGROUND, INC.		DENUCCI CONSTRUCTORS, LLC		CENTRAL ROAD & UTILITY, LTD	
WATER LINE															
BID ITEM	QTY	UNIT	ITEM DESCRIPTION	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
504S-1RM	187	EA	REPOSITIONING & ADJUSTING WATER METERS	\$ 388.00	\$ 72,556.00	\$ 300.00	\$ 56,100.00	\$ 355.00	\$ 66,385.00	\$ 700.00	\$ 130,900.00	\$ 900.00	\$ 168,300.00	\$ 495.50	\$ 92,658.50
505S-B	236	LF	ENCASEMENT PIPE, 16" DIA. TYPE PVC C900	\$ 77.00	\$ 18,172.00	\$ 75.00	\$ 17,700.00	\$ 60.00	\$ 14,160.00	\$ 120.00	\$ 28,320.00	\$ 180.00	\$ 42,480.00	\$ 214.80	\$ 50,692.80
509S-1	6850	LF	TRENCH EXCAVATION SAFETY PROTECTIVE SYSTEMS (ALL DEPTHS)	\$ 1.00	\$ 6,850.00	\$ 2.50	\$ 17,125.00	\$ 1.00	\$ 6,850.00	\$ 2.00	\$ 13,700.00	\$ 2.00	\$ 13,700.00	\$ 1.10	\$ 7,535.00
510-AW6DIA	200	LF	PIE, 6" DIA. DUCTILE IRON TPE (ALL DEPTHS), INCLUDING EXCAVATION & BACKFILL	\$ 78.00	\$ 15,600.00	\$ 100.00	\$ 20,000.00	\$ 82.00	\$ 16,400.00	\$ 110.00	\$ 22,000.00	\$ 85.00	\$ 17,000.00	\$ 154.30	\$ 30,860.00
510-AW8DIA	6620	LF	PIPE, 8" DIA. PVC C900 TYPE (ALL DEPTHS), INCLUDING EXCAVATION & BACKFILL	\$ 74.00	\$ 489,880.00	\$ 101.00	\$ 668,620.00	\$ 80.00	\$ 529,600.00	\$ 76.00	\$ 503,120.00	\$ 65.00	\$ 430,300.00	\$ 130.40	\$ 863,248.00
510AW12DIA	205	LF	PIPE, 12" DIA. PVC C900 TYPE (ALL DEPTHS), INCLUDING EXCAVATION & BACKFILL												
				\$ 100.00	\$ 20,500.00	\$ 110.00	\$ 22,550.00	\$ 112.00	\$ 22,960.00	\$ 80.00	\$ 16,400.00	\$ 105.00	\$ 21,525.00	\$ 168.70	\$ 34,583.50
510-BW8X1.5DIAS	139	EA	CONNECTING NEW SINGLE SERVICE TO EXISTING PRIVATE SERVICE												
				\$ 2,000.00	\$ 278,000.00	\$ 1,400.00	\$ 194,600.00	\$ 2,500.00	\$ 347,500.00	\$ 2,800.00	\$ 389,200.00	\$ 1,200.00	\$ 166,800.00	\$ 3,451.40	\$ 479,744.60
510-BW8X1.5DIAD	16	EA	CONNECTING NEW DOUBLE SERVICE TO EXISTING PRIVATE SERVICE												
				\$ 2,300.00	\$ 36,800.00	\$ 1,500.00	\$ 24,000.00	\$ 3,200.00	\$ 51,200.00	\$ 3,400.00	\$ 54,400.00	\$ 1,800.00	\$ 28,800.00	\$ 4,029.60	\$ 64,473.60
510-JW:8X6DIA	6	EA	WET CONNECTIONS, 8" DIA X 6" DIA	\$ 1,800.00	\$ 10,800.00	\$ 1,200.00	\$ 7,200.00	\$ 1,000.00	\$ 6,000.00	\$ 4,000.00	\$ 24,000.00	\$ 2,500.00	\$ 15,000.00	\$ 2,752.80	\$ 16,516.80
510-JW:8X8DIA	2	EA	WET CONNECTIONS, 8" DIA X 8" DIA	\$ 2,100.00	\$ 4,200.00	\$ 1,300.00	\$ 2,600.00	\$ 1,250.00	\$ 2,500.00	\$ 4,100.00	\$ 8,200.00	\$ 2,500.00	\$ 5,000.00	\$ 3,248.60	\$ 6,497.20
510-JW:8X12DIA	3	EA	WET CONNECTIONS, 8" DIA X 12" DIA												
				\$ 4,000.00	\$ 12,000.00	\$ 1,500.00	\$ 4,500.00	\$ 2,500.00	\$ 7,500.00	\$ 4,400.00	\$ 13,200.00	\$ 3,500.00	\$ 10,500.00	\$ 3,579.20	\$ 10,737.60
510-JW:12X12DIA	2	EA	WET CONNECTIONS, 12" DIA X 12" DIA	\$ 3,700.00	\$ 7,400.00	\$ 1,300.00	\$ 2,600.00	\$ 5,000.00	\$ 10,000.00	\$ 4,200.00	\$ 8,400.00	\$ 4,500.00	\$ 9,000.00	\$ 4,680.10	\$ 9,360.20
510-KW	2	TON	DUCTILE IRON FITTINGS	\$ 12,500.00	\$ 25,000.00	\$ 26,000.00	\$ 52,000.00	\$ 28,500.00	\$ 57,000.00	\$ 8,000.00	\$ 16,000.00	\$ 12,000.00	\$ 24,000.00	\$ 13,773.70	\$ 27,547.40
511S-A6	15	EA	VALVES, GATE TYPE, 6" DIAMETER	\$ 1,200.00	\$ 18,000.00	\$ 2,200.00	\$ 33,000.00	\$ 1,350.00	\$ 20,250.00	\$ 1,800.00	\$ 27,000.00	\$ 2,200.00	\$ 33,000.00	\$ 2,092.40	\$ 31,386.00
511S-A8	26	EA	VALVES, GATE TYPE, 8" DIAMETER	\$ 1,700.00	\$ 44,200.00	\$ 2,700.00	\$ 70,200.00	\$ 2,200.00	\$ 57,200.00	\$ 2,200.00	\$ 57,200.00	\$ 2,600.00	\$ 67,600.00	\$ 2,863.50	\$ 74,451.00
511S-A12	2	EA	VALVES, GATE TYPE, 12" DIAMETER	\$ 2,800.00	\$ 5,600.00	\$ 3,700.00	\$ 7,400.00	\$ 4,200.00	\$ 8,400.00	\$ 3,500.00	\$ 7,000.00	\$ 3,400.00	\$ 6,800.00	\$ 4,405.60	\$ 8,811.20
511S-B	15	EA	FIRE HYDRANTS (SEE STANDARD NO. 511S-17)	\$ 3,200.00	\$ 48,000.00	\$ 3,700.00	\$ 55,500.00	\$ 4,050.00	\$ 60,750.00	\$ 3,300.00	\$ 49,500.00	\$ 5,200.00	\$ 78,000.00	\$ 4,956.60	\$ 74,349.00
511S-F	4	EA	AUTOMATIC COMBINATION AIR/VACUUM RELEASE VALVE ASSEMBLY, 2" DIAMETER												
				\$ 3,600.00	\$ 14,400.00	\$ 3,300.00	\$ 13,200.00	\$ 2,800.00	\$ 11,200.00	\$ 3,500.00	\$ 14,000.00	\$ 3,800.00	\$ 15,200.00	\$ 7,434.90	\$ 29,739.60
SP511S-J	43	EA	DEBRIS CAPS												
				\$ 84.00	\$ 3,612.00	\$ 77.00	\$ 3,311.00	\$ 100.00	\$ 4,300.00	\$ 200.00	\$ 8,600.00	\$ 250.00	\$ 10,750.00	\$ 79.30	\$ 3,409.90
SUBTOTAL (WATER LINE):					\$ 1,131,570.00		\$ 1,272,206.00		\$ 1,300,155.00		\$ 1,391,140.00		\$ 1,163,755.00		\$ 1,916,601.90

CERTIFIED BID TAB

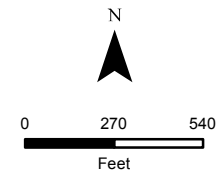
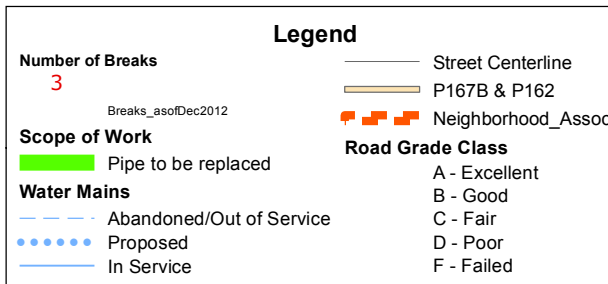
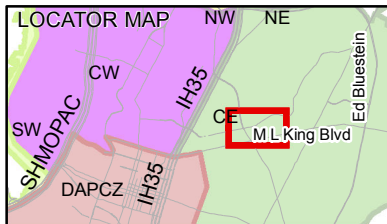
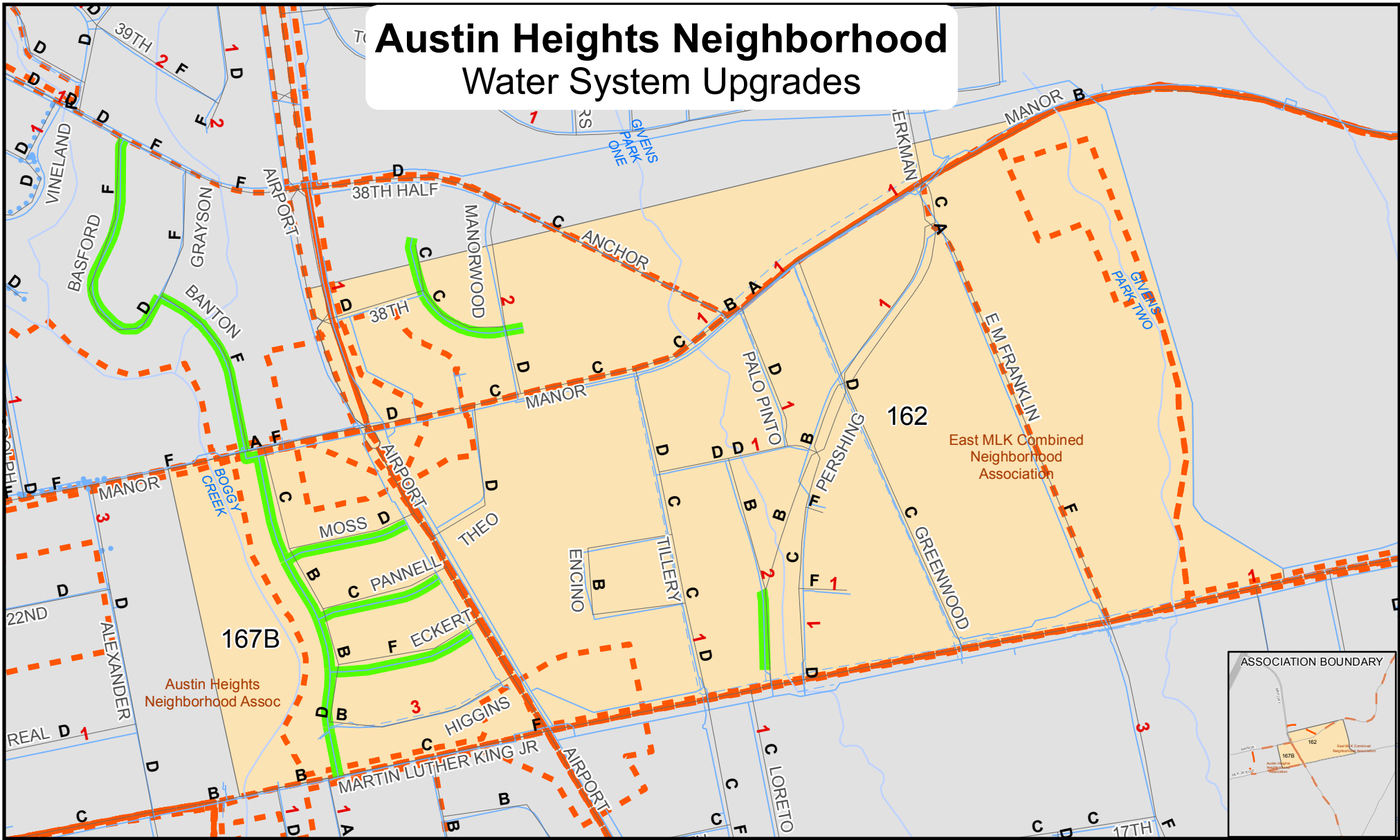
BIDDER(S):				M.A. SMITH CONTRACTING CO., INC.		PROTA CONSTRUCTION, INC. & PROTA, INC., JV		SANTA CLARA CONSTRUCTION, LTD.		AUSTIN UNDERGROUND, INC.		DENUCCI CONSTRUCTORS, LLC		CENTRAL ROAD & UTILITY, LTD	
GENERAL															
BID ITEM	QTY	UNIT	ITEM DESCRIPTION	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
700S-TM	1	LS	TOTAL MOBILIZATION PAYMENT	\$ 65,000.00	\$ 65,000.00	\$ 71,000.00	\$ 71,000.00	\$ 73,680.00	\$ 73,680.00	\$ 75,000.00	\$ 75,000.00	\$ 80,000.00	\$ 80,000.00	\$ 110,091.60	\$ 110,091.60
802S-BBOND	14	EA	BOND PROJECT SIGN	\$ 450.00	\$ 6,300.00	\$ 655.00	\$ 9,170.00	\$ 810.00	\$ 11,340.00	\$ 680.00	\$ 9,520.00	\$ 650.00	\$ 9,100.00	\$ 633.60	\$ 8,870.40
803S-CD	300	CD	BARRICADES, SIGNS, & TRAFFIC HANDLING	\$ 200.00	\$ 60,000.00	\$ 83.00	\$ 24,900.00	\$ 56.00	\$ 16,800.00	\$ 145.00	\$ 43,500.00	\$ 165.00	\$ 49,500.00	\$ 440.80	\$ 132,240.00
SUBTOTAL (GENERAL):					\$ 131,300.00		\$ 105,070.00		\$ 101,820.00		\$ 128,020.00		\$ 138,600.00		\$ 251,202.00
SUBTOTAL (STREET):					\$ 429,627.50		\$ 402,121.00		\$ 439,070.00		\$ 497,420.00		\$ 753,660.00		\$ 716,819.64
SUBTOTAL (WATER LINE):					\$ 1,131,570.00		\$ 1,272,206.00		\$ 1,300,155.00		\$ 1,391,140.00		\$ 1,163,755.00		\$ 1,916,601.90
SUBTOTAL (GENERAL):					\$ 131,300.00		\$ 105,070.00		\$ 101,820.00		\$ 128,020.00		\$ 138,600.00		\$ 251,202.00
TOTAL BID:					\$ 1,692,497.50		\$ 1,779,397.00		\$ 1,841,045.00		\$ 2,016,580.00		\$ 2,056,015.00		\$ 2,884,623.54

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

 12/9/15

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

# Austin Heights Neighborhood Water System Upgrades



City of Austin  
Austin Water Utility

April 2013

Produced by AWU  
Distribution System Engineering  
P167B\_P162\_AustinHts.mxd

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. This product has been produced by the Austin Water Utility for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.