



City of Saginaw

City of Saginaw

Meeting Date: 11/17/2015

Staff Contact: Mark White
Director of Public Works

Agenda Item: 6
(CC-1115-10)

E-mail: mwhite@saginawtx.org

Phone: 817-230-0500

SUBJECT: Consideration and Action regarding Award of Bid, 2015 Water and Sewer Improvements

BACKGROUND/DISCUSSION:

Bids for the 2015 Water and Sewer Improvements were opened on October 27, 2015. A total of six bids were received. Kimley-Horn and Associates, Inc. has reviewed the bids and determined the lowest responsible bidder to be MMG Contractor, LLC of Houston, Texas. The improvements include the construction of approximately 3,244 linear feet of 8" water line to replace the existing 8" lines on Watson Road and Lawson Road, and the replacement of the existing sewer line on Jarvis Road as well as upsizing the pipe from 8" to 15" to serve future development north of East Bailey Boswell Road. Additional information is included in the attachments.

FINANCIAL IMPACT:

The financial impact will be \$850,006. Funds for these improvements are budgeted in the Water and Wastewater Budget, Account 05-7014-55-00 Lawson/Watson Water Line and Account 05-7015-55-00 Jarvis Road 15" Sewer Upgrade.

RECOMMENDATION:

Staff recommends the bid for the 2015 Water and Sewer Projects be awarded to MMG Contractors, LLC in the amount of \$850,006.

Attachments

Memo with Attachments from Mark White

Memorandum

To: Nan Stanford, City Manager

From: Mark White, Director of Community Development

Subject: Consider Bid Award for 2015 Water & Sewer Improvements-
Lawson/Watson Water Line and Jarvis Sewer

Date: November 10, 2015

This year's capital improvements plan includes the construction of approximately 3,244 linear feet of 8" water line to replace the existing 8" lines on Watson Road and Lawson Road. The project involves the entire length of Watson and Lawson, located in the southeast quadrant of the City (south of Industrial and west of FM 156).

The bid/project also includes the replacing the existing sewer line in Jarvis (from Brenda Lane north) as well as upsizing the pipe from 8" to 15" too serve eventual development north of E. Bailey Boswell for about 4,000 feet.

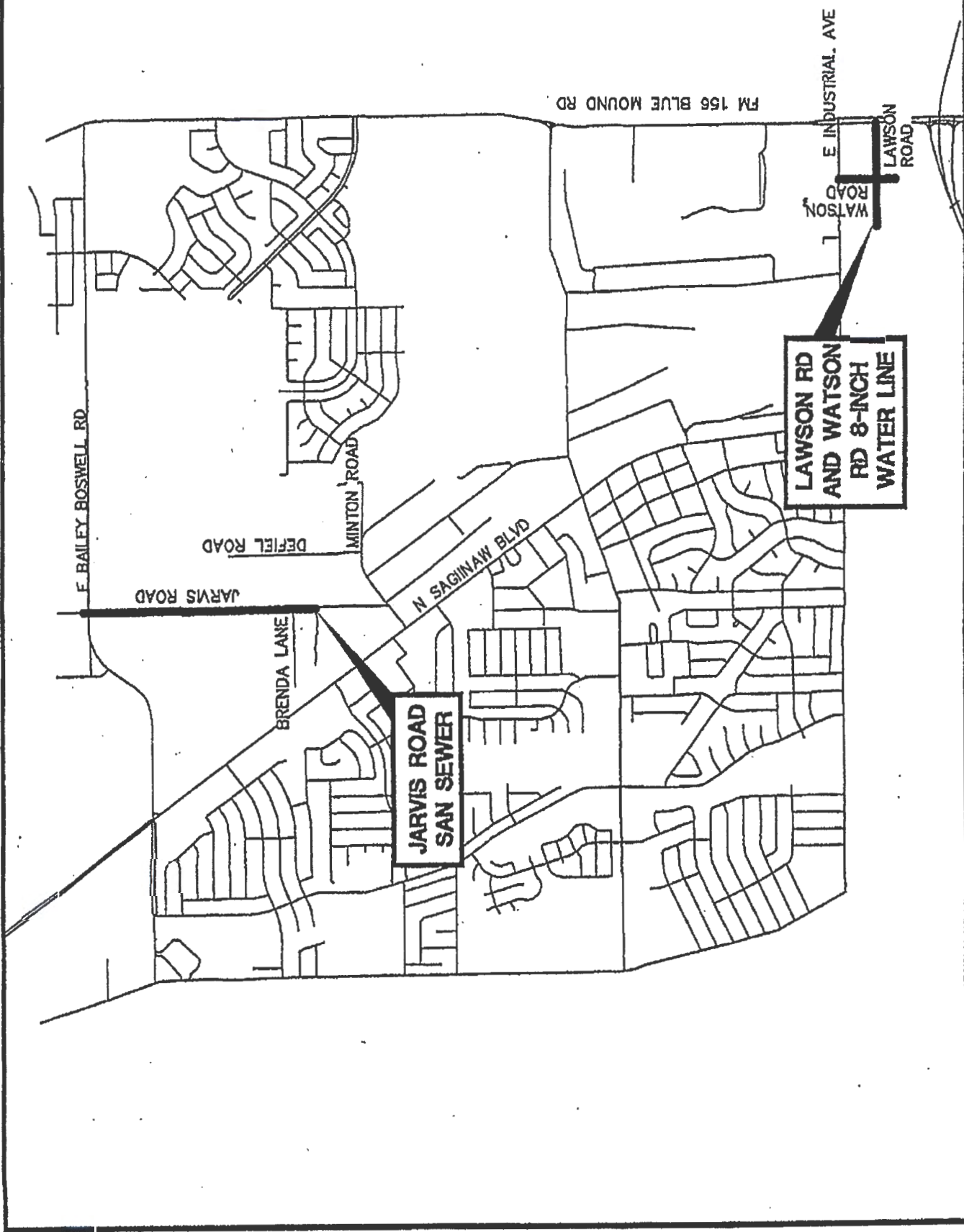
Bids were opened on October 29, 2015 and six (6) bids were received. The apparent low bidder is MMG Contractors of Houston, Texas in the amount of \$850,006.00. The project engineer's recommendation letter is attached for your reference.

This project has been developed over multiple fiscal years beginning in FY14-15. Below is the project cost summary:

2015 Water and Sewer Improvements - Project Summary			
Jarvis			
	Cost to Date	Projected Cost	Budgeted
Design	\$ 59,850.00	\$ 63,000.00	\$ 63,000.00
Construction	\$ -	\$ 490,955.00	\$ 630,000.00
CCA	\$ -	\$ 15,000.00	\$ 15,000.00
Subtotal	\$ 59,850.00	\$ 568,955.00	\$ 708,000.00
Lawson-Watson			
	Cost to Date	Projected Cost	Budgeted
Design	\$ 32,500.00	\$ 36,500.00	\$ 36,500.00
Construction	\$ -	\$ 359,051.00	\$ 500,000.00
CCA	\$ -	\$ 13,000.00	\$ 13,000.00
Subtotal	\$ 32,500.00	\$ 408,551.00	\$ 549,500.00
Project Total			
	Cost to Date	Projected Cost	Budgeted
Design	\$ 92,350.00	\$ 99,500.00	\$ 99,500.00
Construction	\$ -	\$ 850,006.00	\$ 1,130,000.00
CCA	\$ -	\$ 28,000.00	\$ 28,000.00
Total Cost	\$ 92,350.00	\$ 977,506.00	\$ 1,257,500.00

The project is \$279,994 under the budgeted amount. Staff recommends MMG Contractors be awarded the contract in the amount of \$850,006.00. You recall a developer has agreed to contribute \$200,000 to the Jarvis sewer extension.

The contract time is 90 calendar days for Jarvis which is to be built first. The time for Lawson/Watson is 90 calendar days which is to be built after substantial completion of Jarvis or before then if the City approves.



JARVIS ROAD
SAN SEWER

LAWSON RD
AND WATSON
RD 8-INCH
WATER LINE



LOCATION MAP

**CITY OF SAGINAW
BUDGET SUPPLEMENT
2015-2016**

WATER & WASTEWATER

05-XXXX-55-00 EF CAPITAL PROJECTS \$ 2,328,000

05-7014-55-00	Lawson Watson water line - FB	\$ 513,000
05-7015-55-00	Jarvis Rd 15" Sewer Upgrade - (developer \$200,000, escrow \$136,935, FB \$308,065)	\$ 645,000

City of Saginaw – 2015 Budget Retreat

Water – CIP Review Enterprise Fund

City of Saginaw

Enterprise Fund - 2011-2016 Capital Improvements Plan

Water

Updated: July 2015

Water System CIP Project Description	Total	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
1) Saginaw Blvd 12" Water Line Ph. 1 ⁽¹⁾ (2,634 LF; McLeRoy to Palomino)	\$547,667					
A. Final Design / CCA	\$63,640			\$27,000	\$29,140	\$7,500
B. Construction	\$484,027				\$242,013	\$242,014
2) Lawson and Watson 8" Water Line ⁽²⁾ (2,697 LF; along Lawson Rd and S. Watson Rd.)	\$549,500					
A. Final Design / CCA	\$49,500				\$36,500	\$13,000
B. Construction	\$500,000					\$500,000
3) FM 156 12" Water Line (900 LF; Grand Central to North of Highland Station Trail)	\$195,000					
A. Final Design / CCA	\$25,000					\$25,000
B. Construction	\$170,000					\$170,000
4) Water Impact Fee ⁽¹⁾	\$6,000					\$6,000
5) 2016 Masterplan Update (Water) ⁽³⁾	\$7,500					\$7,500
6) S. Hampshire 16" Water Line ⁽¹⁾ (75% Design Complete) (1350 LF; S. Hampshire across Halesh Park to Saginaw Blvd)	\$21,000					
A. Final Design / CCA	\$21,000		\$21,000			
B. Construction	\$0					
Water Subtotal:	\$1,326,667	\$0	\$21,000	\$27,000	\$307,653	\$971,014

Notes:

⁽¹⁾ Projects funded through Utility Impact Fees

⁽²⁾ Projects constructed by the City of Fort Worth

⁽³⁾ Projects possibly constructed by Developers

⁽⁴⁾ Utility Relocation Project for TxDOT Highway Expansion

⁽⁵⁾ Projects funded through cash reserves



City of Saginaw – 2015 Budget Retreat

Wastewater – CIP Review Enterprise Fund

City of Saginaw

Enterprise Fund - 2011-2016 Capital Improvements Plan

Wastewater

Updated: July 2015

Wastewater System CIP

Project Description	Total	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
1) I&I Study Phase 1 ⁽¹⁾ (Little Fossil Creek Basin)	\$50,000					\$50,000
2) S.E. 24" Trunk Main Replacement, Ph. 2 ⁽²⁾ (3,048 LP; 612 Blue Mound Road to Kennedy)	\$0 Completed		Completed			
3) S.E. 24" Trunk Main Replacement, Ph. 1 & Ph. 3 ⁽²⁾ (1,785 LP; East Meter Station to west side of Blue Mound Road by bore; Kennedy to E. McLeroy across National Guard)	\$732,000					
A. Design / CCA	\$60,000			\$30,000	\$15,000	\$15,000
B. Easement Acquisition	\$12,000			\$12,000		
C. Construction	\$660,000					\$660,000
4) S.E. 18" Trunk Main Replacement ⁽¹⁾ (467 LP; Little Fossil Creek to the 15" National Guard Sewer)	\$0 Completed		Completed			
5) Opal St. Culvert Sanitary Sewer Replacement ⁽¹⁾ (277 LP; 6-inch SS parallel to channel)	\$0 Completed			Completed		
6) Jarvis Road 15" Sanitary Sewer Upgrade ⁽⁴⁾ (3,993 LP; Bailey Boswell Rd. to Brenda Ln.)	\$708,000					
A. Design	\$78,000				\$63,000	\$15,000
B. Construction	\$630,000					\$630,000
7) Bluebonnet 8" Sanitary Sewer Rehabilitation ⁽³⁾ (1,438 LP; Green Street to Franklin / S. Hampshire St.)	\$0 Completed				Completed	
8) Wastewater Impact Fee ⁽⁵⁾	\$6,000					\$6,000
9) 2016 Masterplan Update (Sewer) ⁽¹⁾	\$7,500					\$7,500
Wastewater Subtotal:	\$1,503,500	\$0	\$0	\$42,000	\$78,000	\$1,383,500

Notes:

⁽¹⁾ Projects funded through cash reserves

⁽²⁾ Project funded through cash reserves (\$582,000) and Utility Impact Fees (\$150,000)

⁽³⁾ Project funded through Tarrant County CDBG with \$44,200 City Match.

⁽⁴⁾ Project funded through \$200,000 Developer Contribution and cash reserves (\$508,000)

⁽⁵⁾ Projects funded through Utility Impact Fees



Kimley»»Horn

October 29, 2015

Mr. Mark White
City of Saginaw
P.O. Box 79070
Saginaw, Texas 76179

Re: 2015 Water & Sewer Improvements – Bid Results
KHA No. 061003106, 061003107

Dear Mark:

On October 27th, 2015, sealed bids were received and opened by the City of Saginaw for the referenced project. A summary of the bids is below.

Contractor	Total Base Bid
MMG Contractors, LLC	\$850,006.00
Canary Construction	\$939,742.00
Wilson Contractor Services, LLC	\$1,060,000.00
Wildstone Construction Co.	\$1,167,759.00
Atkins Bros Equip Co. Inc.	\$1,218,974.00
Quality Excavation Ltd.	\$1,283,548.50

The detailed bid tabulation is attached for your review.

Kimley-Horn and Associates (KHA) has reviewed the lowest bidder's references, financial statements, and has verified that the Contractor's bonding company is licensed in the State of Texas. Based on these reviews, it appears that MMG Contractors, LLC. is the lowest responsible bidder. The result would be awarding the contract to MMG Contractors, LLC. for an amount of \$850,006.00 for the Total Base Bid amount.

If you have any questions or comments, please call me at (817) 335-6511.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.
TBPE No. F-928



Jeff James, P.E.

Attachment

K:\FTW_U\Utilities\061003106-Jarvis Rd SS\CCAA\Award Recommendation-2015 Water & Sewer Improvements.doc

BID TABULATION

KIMLEY-HORN AND ASSOCIATES, INC.

CHECKED BY: *[Signature]*
 JEFF JEFFREY, P.E., 10/28/16

Owner: City of Saginaw
 Job No.: 091003105 / 061003107
 Project: 2016 Water and Sewer Improvements
 Date: October 27, 2016

BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6
MMG Contractors, LLC 1900 Charles Road Houston, TX 77093	Canary Construction 523 Greenwich Ln. Coppell, TX 75019	Wilson Contractor Services, LLC 107 Bell Ave., Ste. 3 Denton, TX 76201	Wildstone Construction Co. 800 N. Main Street Keller, TX 76248	Atkins Bros Equip Co. Inc. PO Box 990 Midlothian, TX 76065	Quality Excavation Ltd. 856 U.S. Hwy. 377 Aubrey, TX 76227

Item No.	Item Description	Unit	Quantity	Unit Price	Item Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
Jarvis Rd. Base Bid															
1	Mobilization	LS	1	\$50,000.00	\$50,000.00	\$23,000.00	\$23,000.00	\$41,418.11	\$41,418.11	\$10,500.00	\$10,500.00	\$20,000.00	\$20,000.00	\$49,650.00	\$49,650.00
2	Traffic Control	LS	1	\$10,000.00	\$10,000.00	\$1,200.00	\$1,200.00	\$6,100.00	\$6,100.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$3,532.00	\$3,532.00
3	Temporary Erosion Sedimentation and Water Pollution Prevention and Control	LS	1	\$3,500.00	\$3,500.00	\$1,200.00	\$1,200.00	\$43,680.00	\$43,680.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$2,764.00	\$2,764.00
4	Abandon Existing Sanitary Sewer Manhole	EA	2	\$1,250.00	\$2,500.00	\$560.00	\$1,120.00	\$1,100.00	\$2,200.00	\$1,600.00	\$3,200.00	\$500.00	\$1,000.00	\$2,155.00	\$4,310.00
5	Remove Existing Sanitary Sewer Manhole	EA	1	\$1,250.00	\$1,250.00	\$620.00	\$620.00	\$3,600.00	\$3,600.00	\$2,200.00	\$2,200.00	\$1,000.00	\$1,000.00	\$1,727.00	\$1,727.00
6	Abandon Existing 8" PVC Sanitary Sewer (Under BNSF Railway)	LF	80	\$21.00	\$1,280.00	\$58.00	\$3,480.00	\$70.00	\$4,200.00	\$14.00	\$940.00	\$200.00	\$12,000.00	\$45.00	\$2,700.00
7	16" Dia. SDR-35 PVC Sewer Pipe (Open Cut) (0-8 ft depth)	LF	348	\$52.00	\$18,096.00	\$60.00	\$20,880.00	\$100.58	\$35,001.84	\$90.00	\$31,320.00	\$90.00	\$31,320.00	\$78.00	\$27,144.00
8	16" Dia. SDR-35 PVC Sewer Pipe (Open Cut) (8-8 ft depth)	LF	862	\$84.00	\$80,808.00	\$65.00	\$82,530.00	\$85.00	\$82,530.00	\$95.00	\$91,390.00	\$94.00	\$90,428.00	\$88.00	\$84,656.00
9	16" Dia. SDR-35 PVC Sewer Pipe (Open Cut) (8-10 ft depth)	LF	1,041	\$55.00	\$57,255.00	\$67.00	\$69,747.00	\$65.00	\$67,665.00	\$69.00	\$103,059.00	\$98.00	\$99,936.00	\$92.00	\$96,772.00
10	16" Dia. SDR-35 PVC Sewer Pipe (Open Cut) (10-12 ft depth)	LF	491	\$57.00	\$27,967.00	\$70.00	\$34,370.00	\$72.00	\$35,352.00	\$108.00	\$53,028.00	\$116.00	\$56,856.00	\$109.00	\$53,519.00
11	16" Dia. SDR-35 PVC Sewer Pipe (Open Cut) (12-14 ft depth)	LF	283	\$61.00	\$15,433.00	\$75.00	\$18,975.00	\$87.00	\$22,011.00	\$110.00	\$27,930.00	\$116.00	\$36,836.00	\$122.00	\$30,898.00
12	16" Dia. SDR-35 PVC Sewer Pipe (Open Cut) (14-16 ft depth)	LF	839	\$88.00	\$85,374.00	\$85.00	\$71,315.00	\$132.06	\$110,798.34	\$116.00	\$97,324.00	\$178.00	\$147,884.00	\$122.00	\$102,358.00
13	12" Dia. SDR-35 PVC Sewer Pipe (Open Cut)	LF	113	\$48.00	\$5,424.00	\$55.00	\$6,215.00	\$82.59	\$9,332.67	\$80.00	\$6,780.00	\$90.00	\$10,170.00	\$89.00	\$7,797.00
14	16" Dia. SDR-35 PVC Sewer Pipe In 30" Steel Casing Pipe or Tunnel Liner Plate (Other Than Open Cut)	LF	80	\$507.00	\$30,420.00	\$450.00	\$27,000.00	\$468.50	\$28,110.00	\$700.00	\$42,000.00	\$400.00	\$24,000.00	\$462.00	\$27,220.00
15	Sanitary Sewer Line Trench Safety	LF	4,048	\$1.00	\$4,048.00	\$2.00	\$8,092.00	\$2.00	\$8,092.00	\$1.00	\$4,048.00	\$1.00	\$4,048.00	\$2.55	\$10,317.30
16	4-foot Dia. Std. Concrete Manhole (8-8 ft depth)	EA	2	\$4,436.00	\$8,872.00	\$4,000.00	\$8,000.00	\$7,021.53	\$14,043.06	\$3,400.00	\$6,800.00	\$7,000.00	\$14,000.00	\$5,310.00	\$10,620.00
17	4-foot Dia. Std. Concrete Manhole (8-10 ft depth)	EA	2	\$4,938.00	\$9,876.00	\$4,500.00	\$9,000.00	\$4,977.13	\$9,954.26	\$4,700.00	\$9,400.00	\$8,000.00	\$16,000.00	\$6,680.00	\$13,320.00
18	4-foot Dia. Std. Concrete Manhole (10-12 ft depth)	EA	3	\$5,438.00	\$16,314.00	\$5,000.00	\$15,000.00	\$5,993.17	\$17,979.51	\$4,700.00	\$14,100.00	\$9,000.00	\$27,000.00	\$9,410.00	\$28,230.00
19	4-foot Dia. Std. Concrete Manhole (14-16 ft depth)	EA	2	\$7,531.00	\$15,062.00	\$6,000.00	\$12,000.00	\$7,218.13	\$14,436.26	\$5,600.00	\$11,200.00	\$12,000.00	\$24,000.00	\$10,580.00	\$21,120.00
20	6-foot Dia. Std. Concrete Manhole (14-16 ft depth)	EA	1	\$10,375.00	\$10,375.00	\$7,000.00	\$7,000.00	\$9,525.00	\$9,525.00	\$5,200.00	\$5,200.00	\$15,000.00	\$15,000.00	\$13,910.00	\$13,910.00
21	4-foot Dia. Std. Drop Concrete Manhole (12-14 ft depth)	EA	1	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$7,038.25	\$7,038.25	\$5,800.00	\$5,800.00	\$11,000.00	\$11,000.00	\$10,600.00	\$10,600.00
22	Connect Proposed Sanitary Sewer Pipe to Existing Manhole	EA	5	\$1,146.00	\$5,730.00	\$1,500.00	\$7,500.00	\$1,780.00	\$8,900.00	\$1,200.00	\$6,000.00	\$500.00	\$2,500.00	\$490.00	\$2,450.00
23	Short Sanitary Sewer Service Connection with Cleanout	EA	2	\$1,083.00	\$2,166.00	\$1,500.00	\$3,000.00	\$770.00	\$1,540.00	\$500.00	\$1,000.00	\$600.00	\$1,200.00	\$1,225.00	\$2,450.00
24	Long Sanitary Sewer Service Connection with Cleanout	EA	1	\$1,438.00	\$1,438.00	\$2,500.00	\$2,500.00	\$4,050.00	\$4,050.00	\$600.00	\$600.00	\$1,700.00	\$1,700.00	\$1,685.00	\$1,685.00
25	Water Line Adjustment	LF	100	\$72.00	\$7,200.00	\$140.00	\$14,000.00	\$36.00	\$3,600.00	\$110.00	\$11,000.00	\$20.00	\$2,000.00	\$56.00	\$5,600.00
26	Concrete Pavement Repair	SY	500	\$50.00	\$25,000.00	\$75.00	\$37,500.00	\$100.00	\$50,000.00	\$113.00	\$56,500.00	\$70.00	\$35,000.00	\$96.00	\$33,000.00
27	Concrete Curb and Gutter Repair	LF	120	\$13.00	\$1,560.00	\$55.00	\$6,600.00	\$30.00	\$3,600.00	\$14.00	\$1,680.00	\$45.00	\$5,400.00	\$41.00	\$4,920.00
28	Asphalt Pavement Repair	SY	70	\$25.00	\$1,750.00	\$58.00	\$4,060.00	\$129.06	\$9,033.50	\$165.00	\$11,550.00	\$70.00	\$4,900.00	\$115.00	\$8,050.00
29	Hydromulch and Grade Repair	SY	2,700	\$0.85	\$2,295.00	\$5.00	\$13,500.00	\$2.00	\$5,400.00	\$4.00	\$10,800.00	\$4.00	\$10,800.00	\$5.15	\$13,905.00
30	Allowance	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
Total Jarvis Rd. Base Bid				\$490,958.00		\$508,104.00		\$680,000.00		\$665,647.00		\$725,989.00		\$883,692.30	

Alternate Bid Items															
7A	14" DR-21 HDPE Sewer Pipe (Pipe Bursting)	LF	982	\$145.00	\$139,490.00	\$145.00	\$139,490.00	No Bid	\$0.00	\$105.60	\$101,587.20	\$150.00	\$144,300.00	\$133.00	\$127,948.00
31	Point Repair	LF	100	\$41.00	\$4,100.00	\$250.00	\$25,000.00	No Bid	\$0.00	\$63.50	\$6,350.00	\$60.00	\$6,000.00	\$205.00	\$20,500.00
Total Alternate-Jarvis Rd.				\$143,590.00		\$164,490.00		No Bid		\$110,937.20		\$150,300.00		\$148,446.00	

Total Jarvis Rd Base Bid w/Alternate **\$633,737.00** **\$608,084.00** **\$587,470.00** **\$675,094.20** **\$785,830.00** **\$747,462.30**

BID TABULATION

KIMLEY-HORN AND ASSOCIATES, INC.

Owner: City of Saginaw
 Job No.: 081003106 / 081003107
 Project: 2016 Water and Sewer Improvements
 Date: October 27, 2015

BIDDER 1	BIDDER 2	BIDDER 3	BIDDER 4	BIDDER 5	BIDDER 6
MMG Contractors, LLC 1900 Charles Road Houston, TX 77083	Canary Construction 523 Greenwich Ln. Coppell, TX 75019	Wilson Contractor Services, LLC 107 Bell Ave., Ste. 3 Denton, TX 76201	Wildstone Construction Co. 800 N. Main Street Keller, TX 76248	Alkins Bros Equip Co. Inc. PO Box 590 Midlothian, TX 76065	Quality Excavation Ltd. 958 U.S. Hwy. 377 Aubrey, TX 76227

Item No.	Item Description	Unit	Quantity	Unit Price	Item Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	Unit Price	Cost	
Lawton-Watson Base Bid																
1	Mobilization	LS	1	\$50,000.00	\$50,000.00	\$20,000.00	\$20,000.00	\$17,313.00	\$17,313.00	\$10,600.00	\$10,600.00	\$2,000.00	\$2,000.00	\$24,790.00	\$24,790.00	
2	Temporary Erosion, Sediment, & Water Pollution Prevention Plan	LS	1	\$3,500.00	\$3,500.00	\$1,200.00	\$1,200.00	\$3,550.00	\$3,550.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$2,785.00	\$2,785.00	
3	Traffic Control	LS	1	\$15,000.00	\$15,000.00	\$1,200.00	\$1,200.00	\$8,100.00	\$8,100.00	\$5,600.00	\$5,600.00	\$2,000.00	\$2,000.00	\$8,995.00	\$8,995.00	
4	8" Dia. AWWA C-600 DR18 PVC Water Line By Open Cut	LF	3,172	\$43.00	\$136,386.00	\$80.00	\$193,320.00	\$40.00	\$126,880.00	\$80.00	\$193,320.00	\$90.00	\$285,480.00	\$85.00	\$269,620.00	
5	8" Dia. Ductile Iron Water Line By Open Cut	LF	72	\$93.00	\$4,536.00	\$95.00	\$6,840.00	\$63.00	\$4,536.00	\$56.00	\$4,032.00	\$91.00	\$6,552.00	\$18.00	\$1,296.00	
6	8" Resilient Sealed Gate Valve and Box	EA	8	\$1,637.00	\$13,096.00	\$1,800.00	\$14,400.00	\$1,380.00	\$11,040.00	\$1,500.00	\$12,000.00	\$1,500.00	\$12,000.00	\$1,775.00	\$14,200.00	
7	Abandon Existing Water Valve	EA	8	\$925.00	\$7,400.00	\$300.00	\$2,400.00	\$150.00	\$900.00	\$700.00	\$5,600.00	\$100.00	\$800.00	\$1,231.00	\$9,840.00	
8	Fire Hydrant Assembly	EA	11	\$3,894.00	\$42,774.00	\$3,850.00	\$42,350.00	\$3,200.00	\$35,200.00	\$4,000.00	\$44,000.00	\$4,000.00	\$44,000.00	\$5,011.00	\$55,121.00	
9	Remove and Salvage Existing Fire Hydrant Assembly	EA	7	\$1,333.00	\$9,331.00	\$580.00	\$4,060.00	\$750.00	\$5,250.00	\$600.00	\$4,200.00	\$300.00	\$2,100.00	\$1,040.00	\$7,280.00	
10	3/4" Short Water Service Connection	EA	3	\$621.00	\$1,863.00	\$1,500.00	\$4,500.00	\$785.00	\$2,355.00	\$900.00	\$2,700.00	\$900.00	\$2,700.00	\$875.00	\$2,625.00	
11	1" Short Water Service Connection	EA	2	\$794.00	\$1,588.00	\$1,600.00	\$3,200.00	\$805.00	\$1,610.00	\$1,100.00	\$2,200.00	\$1,100.00	\$2,200.00	\$1,070.00	\$2,140.00	
12	2" Short Water Service Connection	EA	1	\$1,793.00	\$1,793.00	\$2,800.00	\$2,800.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,210.00	\$2,210.00	
13	1" Long Water Service Connection	EA	1	\$1,071.00	\$1,071.00	\$2,600.00	\$2,600.00	\$3,342.00	\$3,342.00	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$1,426.00	\$1,426.00	
14	2" Long Water Service Connection	EA	1	\$2,088.00	\$2,088.00	\$3,800.00	\$3,800.00	\$4,142.00	\$4,142.00	\$2,200.00	\$2,200.00	\$3,000.00	\$3,000.00	\$2,844.00	\$2,844.00	
15	New Domestic 2" Water Meter and Service Connection	EA	1	\$2,288.00	\$2,288.00	\$4,000.00	\$4,000.00	\$2,800.00	\$2,800.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,894.00	\$2,894.00	
16	Ductile Iron Water Line Fittings	TON	3	\$3,750.00	\$11,250.00	\$3,500.00	\$10,500.00	\$4,000.00	\$12,000.00	\$7,000.00	\$21,000.00	\$3,000.00	\$9,000.00	\$4,180.00	\$12,540.00	
17	8"x8" Tapping Sleeve and Valve and Connect to Existing Water Line	EA	1	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$2,700.00	\$2,700.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$4,818.00	\$4,818.00	
18	6"x6" Tapping Sleeve and Valve and Connect to Existing Water Line	EA	1	\$4,750.00	\$4,750.00	\$4,000.00	\$4,000.00	\$3,200.00	\$3,200.00	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00	\$4,030.00	\$4,030.00	
19	12"x8" Tapping Sleeve and Valve and Connect to Existing Water Line	EA	1	\$5,625.00	\$5,625.00	\$5,500.00	\$5,500.00	\$4,050.00	\$4,050.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$6,180.00	\$6,180.00	
20	Water Line Trench Safety	LF	3,244	\$1.00	\$3,244.00	\$2.00	\$6,488.00	\$1.00	\$3,244.00	\$1.00	\$3,244.00	\$1.00	\$3,244.00	\$2.65	\$8,596.40	
21	Asphalt Pavement Repair	SY	1,200	\$25.00	\$30,000.00	\$68.00	\$81,600.00	\$121.79	\$146,148.00	\$150.00	\$180,000.00	\$70.00	\$84,000.00	\$115.00	\$138,000.00	
22	Concrete Curb and Gutter Repair	LF	204	\$13.00	\$2,652.00	\$55.00	\$11,220.00	\$30.00	\$6,120.00	\$14.00	\$2,856.00	\$46.00	\$9,384.00	\$41.00	\$8,364.00	
23	Hydromulch and Grade Repair	SY	240	\$0.85	\$204.00	\$5.00	\$1,200.00	\$2.00	\$480.00	\$4.00	\$960.00	\$4.00	\$960.00	\$9.50	\$2,280.00	
24	Allowance	LS	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	
Total Lawton-Watson Base Bid				\$358,051.00		\$433,638.00		\$416,000.00		\$612,212.00		\$493,016.00		\$899,856.20		
TOTAL BASE BID				\$860,009.00		\$939,742.00		\$1,080,000.00		\$1,187,769.00		\$1,218,974.00		\$1,283,648.00		
Total Base Bid w/Alternate				\$912,788.00		\$1,041,702.00		No Bid		\$1,187,306.20		\$1,278,946.00		\$1,347,338.60		