



February 18, 2016

Mr. Paul Tucker, P.E.  
City of McKinney  
221 N. Tennessee Street  
McKinney, Texas 75070

G&A No. 1236-15

Re: FM 546 Utility Relocations  
Recommendation of Award to McMahon Contracting, LP

Dear Mr. Tucker:

On Thursday, February 18, 2016, the City of McKinney publicly opened 5 bids for the above referenced project. Grantham & Associates, Inc. (G&A) tabulated the bids (see attached bid tabulation) and the results are summarized below.

	<u>Company Name</u>	<u>Total Bid</u>
1.	McMahon Contracting	\$ 346,296.93
2.	North Texas Contracting	\$ 391,297.00
3.	Dowager Utility Construction	\$ 464,947.00
4.	Wilson Contracting Services	\$ 480,000.00
5.	Canary Construction	\$ 603,213.00

McMahon Contracting, LP was the low bidder with a bid of \$346,296.93. McMahon Contracting has successfully completed previous projects for the City of McKinney and for other G&A Clients. Consequently, we recommend that the City award the subject project to McMahon Contracting in the amount of \$346,296.93.

Please contact me if you need any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Molly Pierson', is written over a horizontal line.

Molly Pierson, P.E.

Attachment

FM 546 UTILITY RELOCATIONS  
 BID TABULATION

Item No.	Quantity	Unit	Item Description	McMahon Contracting		North Texas Contracting		Dowager Utility Construction	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>General Bid Items</b>									
101	1	LS	MOBILIZATION	\$55,332.62	\$55,332.62	\$18,500.00	\$18,500.00	\$21,000.00	\$21,000.00
102	1	AC	CLEARING AND GRUBBING	\$20,258.00	\$16,408.98	\$2,000.00	\$1,620.00	\$2,000.00	\$1,620.00
103	2	MO	TRAFFIC CONTROL	\$5,459.30	\$10,918.60	\$1,750.00	\$3,500.00	\$1,000.00	\$2,000.00
104	2	EA	TREE PROTECTION	\$327.25	\$654.50	\$150.00	\$300.00	\$100.00	\$200.00
105	1	EA	EROSION CONTROL PLAN	\$708.05	\$708.05	\$500.00	\$500.00	\$3,000.00	\$3,000.00
106	25	LF	TYPE 2 ROCK FILTER DAM	\$21.41	\$535.25	\$15.00	\$375.00	\$20.00	\$500.00
107	2,028	LF	SEEDMENT CONTROL FENCE	\$1.40	\$2,839.20	\$1.00	\$2,028.00	\$2.00	\$4,056.00
108	132	SY	TYPE 1 CONSTRUCTION EXIT	\$13.98	\$1,845.36	\$10.00	\$1,320.00	\$10.00	\$1,320.00
109	1	EA	TRENCH SAFETY PLAN	\$833.00	\$833.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
110	1,797	LF	TRENCH SAFETY SYSTEM	\$1.19	\$2,138.43	\$1.00	\$1,797.00	\$1.00	\$1,797.00
111	3,938	SY	SOLID SOD	\$2.61	\$10,278.18	\$4.00	\$15,752.00	\$5.00	\$19,690.00
112	18	SY	REMOVE & REPLACE ASPHALT PAVEMENT (4" TY B, 2" TY C)	\$109.05	\$1,962.90	\$200.00	\$3,600.00	\$140.00	\$2,520.00
113	15	LF	TEMPORARY BARBED WIRE FENCE	\$35.70	\$535.50	\$25.00	\$375.00	\$20.00	\$300.00
114	15	LF	PERMANENT BARBED WIRE FENCE	\$53.55	\$803.25	\$25.00	\$375.00	\$20.00	\$300.00
115	10	LF	REMOVE EXIST. 48" RCP STORM SEWER	\$101.16	\$1,011.60	\$25.00	\$250.00	\$300.00	\$3,000.00
116	2	EA	PROJECT SIGN	\$470.05	\$940.10	\$350.00	\$700.00	\$1,000.00	\$2,000.00
117	200	LF	TEMPORARY CONSTRUCTION FENCE	\$11.90	\$2,380.00	\$5.00	\$1,000.00	\$10.00	\$2,000.00
<b>SUBTOTAL GENERAL BID ITEMS:</b>				\$110,125.52	\$56,992.00				\$67,303.00
<b>Water Bid Items</b>									
201	4	EA	FURNISH AND INSTALL FIRE HYDRANT, 6" VALVE, & 6" LEAD	\$4,369.03	\$17,476.12	\$4,000.00	\$16,000.00	\$5,000.00	\$20,000.00
202	2,038	TN	DUCTILE IRON FITTINGS	\$7,122.28	\$14,515.21	\$2,000.00	\$4,076.00	\$7,000.00	\$14,266.00
203	510	LF	FURNISH & INSTALL 12" AWWA C-900 PVC WATER	\$63.69	\$32,481.90	\$120.00	\$61,200.00	\$160.00	\$81,600.00
204	278	LF	12" WATER LINE WITH 20" STEEL CASING	\$142.98	\$39,748.44	\$190.00	\$52,820.00	\$240.00	\$66,720.00
205	405	LF	FURNISH & INSTALL 8" AWWA C-900 PVC WATER	\$43.38	\$17,568.90	\$110.00	\$44,550.00	\$150.00	\$60,750.00
206	190	LF	8" WATER LINE WITH 14" STEEL CASING	\$100.07	\$19,013.30	\$170.00	\$32,300.00	\$220.00	\$41,800.00
207	70	LF	FURNISH & INSTALL 6" AWWA C-900 PVC WATER	\$46.88	\$3,281.60	\$90.00	\$6,300.00	\$120.00	\$8,400.00
208	6	CY	CONCRETE ENCASUREMENT FOR WATER LINE	\$317.20	\$1,903.20	\$150.00	\$900.00	\$300.00	\$1,800.00
209	1	EA	12" GATE VALVE	\$2,984.31	\$2,984.31	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
210	3	EA	8" GATE VALVE	\$1,737.66	\$5,212.98	\$2,000.00	\$6,000.00	\$1,500.00	\$4,500.00
211	1	EA	6" GATE VALVE	\$1,259.54	\$1,259.54	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00
212	1	EA	FIRE HYDRANT REMOVE SALVAGE & TRANSPORT TO CITY	\$876.82	\$876.82	\$750.00	\$750.00	\$1,000.00	\$1,000.00
213	1	EA	6" GATE VALVE REMOVE SALVAGE & TRANSPORT TO CITY	\$876.82	\$876.82	\$250.00	\$250.00	\$600.00	\$600.00
214	14	EA	WATER PIPELINE MARKER	\$94.65	\$1,325.10	\$75.00	\$1,050.00	\$100.00	\$1,400.00
215	1	EA	REMOVE & RELOCATE AUTOMATIC FLUSHING DEVICE	\$1,753.66	\$1,753.66	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00
<b>SUBTOTAL WATER BID ITEMS:</b>				\$160,277.90	\$231,696.00				\$309,536.00
<b>Sanitary Sewer Bid Items</b>									
301	68	LF	FURNISH & INSTALL 8" SDR 26 PVC SANITARY SEWER	\$67.74	\$4,606.32	\$175.00	\$11,900.00	\$140.00	\$9,520.00
302	77	LF	FURNISH & INSTALL 8" SDR 26 PVC SANITARY SEWER W/ 14" STE	\$126.89	\$9,770.53	\$200.00	\$15,400.00	\$210.00	\$16,170.00
303	6	LF	FURNISH AND INSTALL 14" STEEL CASING (BY OPEN CUT)	\$143.22	\$859.32	\$195.00	\$1,170.00	\$210.00	\$1,260.00
304	2	EA	INSTALL STD 4' DIA. MANHOLE (UP TO 6' DEPTH)	\$2,678.58	\$5,357.16	\$4,500.00	\$9,000.00	\$4,200.00	\$8,400.00
305	18	VF	INSTALL STD 4' DIA. MANHOLE ADDED DEPTH >6'	\$159.78	\$2,876.04	\$150.00	\$2,700.00	\$200.00	\$3,600.00
306	193	LF	18" SPLIT STEEL ENCASEMENT BY OPEN CUT	\$199.38	\$38,480.34	\$300.00	\$57,900.00	\$210.00	\$40,530.00
307	306	LF	POST-CONSTRUCTION TV INSPECTION	\$2.98	\$911.88	\$1.00	\$306.00	\$2.00	\$612.00
308	2	EA	MANHOLE VACUUM TEST	\$297.50	\$595.00	\$150.00	\$300.00	\$200.00	\$400.00
309	5	EA	WASTEWATER PIPELINE MARKER	\$157.92	\$789.60	\$75.00	\$375.00	\$100.00	\$500.00
310	128	LF	FLOWABLE FILL FOR 8" ABANDONED SAN. SEW.	\$67.76	\$8,673.28	\$20.00	\$2,560.00	\$40.00	\$5,120.00
311	499	LF	PRE-CONSTRUCTION TV INSPECTION AT SPLIT CASING	\$2.98	\$1,487.02	\$1.00	\$499.00	\$2.00	\$998.00
312	499	LF	POST-CONSTRUCTION TV INSPECTION AT SPLIT CASING	\$2.98	\$1,487.02	\$1.00	\$499.00	\$2.00	\$998.00
<b>SUBTOTAL SANITARY SEWER BID ITEMS:</b>				\$75,893.51	\$102,609.00				\$88,108.00
<b>TOTAL:</b>				\$346,296.93	\$391,297.00				\$464,947.00

FM 546 UTILITY RELOCATIONS  
 BID TABULATION

Item No.	Quantity	Unit	Item Description	Wilson Contracting Services		Canary Construction	
				Unit Cost	Total Cost	Unit Cost	Total Cost
<b>General Bid Items</b>							
101	1	LS	MOBILIZATION	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00
102	1	AC	CLEARING AND GRUBBING	\$7,407.41	\$6,000.00	\$15,000.00	\$12,150.00
103	2	MO	TRAFFIC CONTROL	\$6,500.00	\$13,000.00	\$1,000.00	\$2,000.00
104	2	EA	TREE PROTECTION	\$500.00	\$1,000.00	\$800.00	\$1,600.00
105	1	EA	EROSION CONTROL PLAN	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00
106	25	LF	TYPE 2 ROCK FILTER DAM	\$70.00	\$1,750.00	\$65.00	\$1,625.00
107	2,028	LF	SEDIMENT CONTROL FENCE	\$2.00	\$4,056.00	\$3.00	\$6,084.00
108	132	SY	TYPE 1 CONSTRUCTION EXIT	\$17.00	\$2,244.00	\$1,500.00	\$198,000.00
109	1	EA	TRENCH SAFETY PLAN	\$1,500.00	\$1,500.00	\$500.00	\$500.00
110	1,797	LF	TRENCH SAFETY SYSTEM	\$4.00	\$7,188.00	\$2.00	\$3,594.00
111	3,938	SY	SOLID SOD	\$6.00	\$23,628.00	\$6.00	\$23,628.00
112	18	SY	REMOVE & REPLACE ASPHALT PAVEMENT (4" TY B, 2" TY C)	\$130.00	\$2,340.00	\$150.00	\$2,700.00
113	15	LF	TEMPORARY BARBED WIRE FENCE	\$30.00	\$450.00	\$25.00	\$375.00
114	15	LF	PERMANENT BARBED WIRE FENCE	\$120.00	\$1,800.00	\$25.00	\$375.00
115	10	LF	REMOVE EXIST. 48" RCP STORM SEWER	\$200.00	\$2,000.00	\$50.00	\$500.00
116	2	EA	PROJECT SIGN	\$1,000.00	\$2,000.00	\$650.00	\$1,300.00
117	200	LF	TEMPORARY CONSTRUCTION FENCE	\$1.75	\$350.00	\$30.00	\$6,000.00
<b>SUBTOTAL GENERAL BID ITEMS:</b>				\$112,306.00			\$286,931.00
<b>Water Bid Items</b>							
201	4	EA	FURNISH AND INSTALL FIRE HYDRANT, 6" VALVE, & 6" LEAD	\$3,419.13	\$13,676.52	\$4,200.00	\$16,800.00
202	2,038	TN	DUCTILE IRON FITTINGS	\$9,290.00	\$18,933.02	\$6,000.00	\$12,228.00
203	510	LF	FURNISH & INSTALL 12" AWWA C-900 PVC WATER	\$75.90	\$38,709.00	\$65.00	\$33,150.00
204	278	LF	12" WATER LINE WITH 20" STEEL CASING	\$199.99	\$55,597.22	\$265.00	\$73,670.00
205	405	LF	FURNISH & INSTALL 8" AWWA C-900 PVC WATER	\$63.17	\$25,583.85	\$55.00	\$22,275.00
206	190	LF	8" WATER LINE WITH 14" STEEL CASING	\$193.16	\$36,700.40	\$235.00	\$44,650.00
207	70	LF	FURNISH & INSTALL 6" AWWA C-900 PVC WATER	\$110.00	\$7,700.00	\$50.00	\$3,500.00
208	6	CY	CONCRETE ENCASEMENT FOR WATER LINE	\$333.00	\$1,998.00	\$200.00	\$1,200.00
209	1	EA	12" GATE VALVE	\$2,727.53	\$2,727.53	\$2,100.00	\$2,100.00
210	3	EA	8" GATE VALVE	\$1,520.00	\$4,560.00	\$1,600.00	\$4,800.00
211	1	EA	6" GATE VALVE	\$1,325.46	\$1,325.46	\$950.00	\$950.00
212	1	EA	FIRE HYDRANT REMOVE SALVAGE & TRANSPORT TO CITY	\$1,300.00	\$1,300.00	\$500.00	\$500.00
213	1	EA	6" GATE VALVE REMOVE SALVAGE & TRANSPORT TO CITY	\$1,300.00	\$1,300.00	\$250.00	\$250.00
214	14	EA	WATER PIPELINE MARKER	\$88.00	\$1,232.00	\$155.00	\$2,170.00
215	1	EA	REMOVE & RELOCATE AUTOMATIC FLUSHING DEVICE	\$500.00	\$500.00	\$950.00	\$950.00
<b>SUBTOTAL WATER BID ITEMS:</b>				\$211,843.00			\$219,193.00
<b>Sanitary Sewer Bid Items</b>							
301	68	LF	FURNISH & INSTALL 8" SDR 26 PVC SANITARY SEWER	\$115.00	\$7,820.00	\$65.00	\$4,420.00
302	77	LF	FURNISH & INSTALL 8" SDR 26 PVC SANITARY SEWER W/ 14" STE	\$250.00	\$19,250.00	\$245.00	\$18,865.00
303	6	LF	FURNISH AND INSTALL 14" STEEL CASING (BY OPEN CUT)	\$100.00	\$600.00	\$300.00	\$1,800.00
304	2	EA	INSTALL STD 4' DIA. MANHOLE (UP TO 6' DEPTH)	\$2,998.00	\$5,996.00	\$5,000.00	\$10,000.00
305	18	VF	INSTALL STD 4' DIA. MANHOLE ADDED DEPTH >6'	\$40.00	\$720.00	\$300.00	\$5,400.00
306	193	LF	SPLIT STEEL ENCASEMENT BY OPEN CUT	\$565.00	\$112,905.00	\$255.00	\$49,215.00
307	306	LF	POST-CONSTRUCTION TV INSPECTION	\$4.00	\$1,224.00	\$3.00	\$918.00
308	2	EA	MANHOLE VACUUM TEST	\$300.00	\$600.00	\$250.00	\$500.00
309	5	EA	WASTEWATER PIPELINE MARKER	\$88.00	\$440.00	\$155.00	\$775.00
310	128	LF	FLOWABLE FILL FOR 8" ABANDONED SAN. SEW.	\$18.00	\$2,304.00	\$25.00	\$3,200.00
311	499	LF	PRE-CONSTRUCTION TV INSPECTION AT SPLIT CASING	\$4.00	\$1,996.00	\$2.00	\$998.00
312	499	LF	POST-CONSTRUCTION TV INSPECTION AT SPLIT CASING	\$4.00	\$1,996.00	\$2.00	\$998.00
<b>SUBTOTAL SANITARY SEWER BID ITEMS:</b>				\$155,851.00			\$97,089.00
<b>TOTAL:</b>				\$480,000.00			\$603,213.00