



June 7, 2013

Mr. Daniel Still, P.E.
City of McKinney
221 N. Tennessee Street
McKinney, Texas 75070

G&A No. 1177-13

Re: Couch Drive 12-inch Water Line
Recommendation of Award to Moss Brothers

Dear Mr. Still:

On Thursday, June 6, 2013, the City of McKinney publicly opened 11 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>	<u>Errors in Bid</u>
1.	Moss Brothers	\$ 258,756.10	None
2.	Dickerson Construction	\$ 280,940.00	None
3.	Camino Construction	\$ 308,259.35	None
4.	Saber Development	\$ 327,695.00	None
5.	North Texas Contracting	\$ 328,455.00	None
6.	Canary Construction	\$ 358,846.00	Typo (+\$0)
7.	Dowager Utility	\$ 359,174.00	None
8.	Jeske Construction	\$ 384,799.10	None
9.	PC Contractors	\$ 385,269.30	None
10.	Venus Construction	\$ 401,066.56	None
11.	Atkins Brothers	\$1,092,995.00	None

Moss Brothers was the low bidder with a bid of \$258,756.10. All of the references for Moss Brothers provided positive comments. Consequently, we recommend that the City award the subject project to Moss Brothers in the amount of \$258,756.10.

Please contact me if you need any additional information.

Sincerely,

Molly Pierson, P.E.

Attachment

COUCH DRIVE 12-INCH WATER LINE
 BID TABULATION

Item No.	Quantity	Unit	Item Description	Moss Brothers		Dickerson Construction	
				Unit Cost	Total Cost	Unit Cost	Total Cost
1	1	LS	Mobilization	\$10,000.00	\$10,000.00	\$7,000.00	\$7,000.00
2	2	AC	Clearing & grubbing	\$4,500.00	\$6,750.00	\$5,000.00	\$7,500.00
3	237	SY	Sawcut, remove & dispose concrete parking lot pavement	\$16.00	\$3,792.00	\$30.00	\$7,110.00
4	14	SY	Sawcut, remove & dispose asphalt driveway	\$16.00	\$224.00	\$20.00	\$280.00
5	6	SY	Sawcut, remove & dispose 4" concrete sidewalk	\$16.00	\$96.00	\$20.00	\$120.00
6	1	LS	Remove & dispose of 12" x 8" tee, 8" pipe, & 12" pipe	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00
7	1	EA	Remove & salvage existing fire hydrant & abandon valve	\$500.00	\$500.00	\$500.00	\$500.00
8	6	SY	Construct 4" reinforced concrete sidewalk	\$55.00	\$330.00	\$100.00	\$600.00
9	237	SY	Construct 6" concrete parking lot pavement	\$45.00	\$10,665.00	\$80.00	\$18,960.00
10	14	SY	Construct 3" asphalt type D surface course over 6" concrete	\$45.00	\$630.00	\$125.00	\$1,750.00
11	4,183	SY	Block sodding	\$1.00	\$4,183.00	\$3.00	\$12,549.00
12	9,740	SY	Topsoil stockpiling and ripping on agricultural property	\$0.25	\$2,435.00	\$2.00	\$19,480.00
13	29	LF	Furnish & install 6" SDR-18 AWWA C900 PVC water by open cut	\$31.00	\$899.00	\$50.00	\$1,450.00
14	8	LF	Furnish & install 8" SDR-18 AWWA C900 PVC water by open cut	\$32.00	\$256.00	\$60.00	\$480.00
15	3,374	LF	Furnish & install 12" SDR-18 AWWA C900 PVC water by open cut	\$40.00	\$134,960.00	\$35.00	\$118,090.00
16	92	LF	Furnish & install 12" PVC water by bore with steel encasement pipe	\$250.00	\$23,000.00	\$250.00	\$23,000.00
17	1	EA	Furnish and install 8" gate valve	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
18	9	EA	Furnish and install 12" gate valve	\$2,200.00	\$19,800.00	\$2,000.00	\$18,000.00
19	2	EA	Furnish and install fire hydrant and 6" valve	\$3,700.00	\$7,400.00	\$3,200.00	\$6,400.00
20	2	TN	Furnish and install ductile iron fittings	\$5,200.00	\$10,400.00	\$6,000.00	\$12,000.00
21	9	EA	Furnish and install water pipeline marker	\$300.00	\$2,700.00	\$50.00	\$450.00
22	1	LS	Excavation safety system design	\$300.00	\$300.00	\$500.00	\$500.00
23	3,411	LF	Excavation safety system installed	\$0.10	\$341.10	\$1.00	\$3,411.00
24	318	LF	Remove & replace chainlink fence	\$27.50	\$8,745.00	\$20.00	\$6,360.00
25	2	EA	Furnish and install project sign	\$450.00	\$900.00	\$500.00	\$1,000.00
26	1	LS	Furnish and install temporary erosion control and swppp	\$4,500.00	\$4,500.00	\$5,250.00	\$5,250.00
27	3,500	LF	Furnish and install temporary construction fence	\$0.50	\$1,750.00	\$1.00	\$3,500.00
28	1	LS	Furnish and install traffic control	\$1,000.00	\$1,000.00	\$500.00	\$500.00
TOTAL:					\$258,756.10		\$280,940.00

COUCH DRIVE 12-INCH WATER LINE
 BID TABULATION

Item No.	Quantity	Unit	Item Description	Camino Construction		Saber Development	
				Unit Cost	Total Cost	Unit Cost	Total Cost
1	1	LS	Mobilization	\$17,000.00	\$17,000.00	\$30,000.00	\$30,000.00
2	2	AC	Clearing & grubbing	\$10,000.00	\$15,000.00	\$5,000.00	\$7,500.00
3	237	SY	Sawcut, remove & dispose concrete parking lot pavement	\$8.00	\$1,896.00	\$4.00	\$948.00
4	14	SY	Sawcut, remove & dispose asphalt driveway	\$8.00	\$112.00	\$6.00	\$84.00
5	6	SY	Sawcut, remove & dispose 4" concrete sidewalk	\$48.00	\$288.00	\$5.00	\$30.00
6	1	LS	Remove & dispose of 12" x 8" tee, 8" pipe, & 12" pipe	\$1,200.00	\$1,200.00	\$2,500.00	\$2,500.00
7	1	EA	Remove & salvage existing fire hydrant & abandon valve	\$300.00	\$300.00	\$250.00	\$250.00
8	6	SY	Construct 4" reinforced concrete sidewalk	\$40.00	\$240.00	\$45.00	\$270.00
9	237	SY	Construct 6" concrete parking lot pavement	\$38.00	\$9,006.00	\$55.00	\$13,035.00
10	14	SY	Construct 3" asphalt type D surface course over 6" concrete	\$66.00	\$924.00	\$60.00	\$840.00
11	4,183	SY	Block sodding	\$4.75	\$19,869.25	\$4.00	\$16,732.00
12	9,740	SY	Topsoil stockpiling and ripping on agricultural property	\$3.00	\$29,220.00	\$2.00	\$19,480.00
13	29	LF	Furnish & install 6" SDR-18 AWWA C900 PVC water by open cut	\$32.00	\$928.00	\$30.00	\$870.00
14	8	LF	Furnish & install 8" SDR-18 AWWA C900 PVC water by open cut	\$33.00	\$264.00	\$35.00	\$280.00
15	3,374	LF	Furnish & install 12" SDR-18 AWWA C900 PVC water by open cut	\$35.00	\$118,090.00	\$43.50	\$146,769.00
16	92	LF	Furnish & install 12" PVC water by bore with steel encasement pipe	\$280.00	\$25,760.00	\$300.00	\$27,600.00
17	1	EA	Furnish and install 8" gate valve	\$1,400.00	\$1,400.00	\$1,050.00	\$1,050.00
18	9	EA	Furnish and install 12" gate valve	\$2,200.00	\$19,800.00	\$1,850.00	\$16,650.00
19	2	EA	Furnish and install fire hydrant and 6" valve	\$3,600.00	\$7,200.00	\$3,200.00	\$6,400.00
20	2	TN	Furnish and install ductile iron fittings	\$5,000.00	\$10,000.00	\$7,000.00	\$14,000.00
21	9	EA	Furnish and install water pipeline marker	\$125.00	\$1,125.00	\$50.00	\$450.00
22	1	LS	Excavation safety system design	\$1,000.00	\$1,000.00	\$450.00	\$450.00
23	3,411	LF	Excavation safety system installed	\$0.10	\$341.10	\$1.00	\$3,411.00
24	318	LF	Remove & replace chainlink fence	\$52.00	\$16,536.00	\$22.00	\$6,996.00
25	2	EA	Furnish and install project sign	\$500.00	\$1,000.00	\$400.00	\$800.00
26	1	LS	Furnish and install temporary erosion control and swppp	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00
27	3,500	LF	Furnish and install temporary construction fence	\$2.00	\$7,000.00	\$2.00	\$7,000.00
28	1	LS	Furnish and install traffic control	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
TOTAL:					\$308,259.35		\$327,695.00

COUCH DRIVE 12-INCH WATER LINE
 BID TABULATION

Item No.	Quantity	Unit	Item Description	North Texas Contracting		Canary Construction	
				Unit Cost	Total Cost	Unit Cost	Total Cost
1	1	LS	Mobilization	\$15,000.00	\$15,000.00	\$17,000.00	\$17,000.00
2	2	AC	Clearing & grubbing	\$4,000.00	\$6,000.00	\$5,000.00	\$7,500.00
3	237	SY	Sawcut, remove & dispose concrete parking lot pavement	\$5.00	\$1,185.00	\$10.00	\$2,370.00
4	14	SY	Sawcut, remove & dispose asphalt driveway	\$20.00	\$280.00	\$10.00	\$140.00
5	6	SY	Sawcut, remove & dispose 4" concrete sidewalk	\$20.00	\$120.00	\$10.00	\$60.00
6	1	LS	Remove & dispose of 12" x 8" tee, 8" pipe, & 12" pipe	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00
7	1	EA	Remove & salvage existing fire hydrant & abandon valve	\$1,000.00	\$1,000.00	\$500.00	\$500.00
8	6	SY	Construct 4" reinforced concrete sidewalk	\$40.00	\$240.00	\$65.00	\$390.00
9	237	SY	Construct 6" concrete parking lot pavement	\$30.00	\$7,110.00	\$70.00	\$16,590.00
10	14	SY	Construct 3" asphalt type D surface course over 6" concrete	\$100.00	\$1,400.00	\$70.00	\$980.00
11	4,183	SY	Block sodding	\$3.00	\$12,549.00	\$6.00	\$25,098.00
12	9,740	SY	Topsoil stockpiling and ripping on agricultural property	\$0.10	\$974.00	\$1.00	\$9,740.00
13	29	LF	Furnish & install 6" SDR-18 AWWA C900 PVC water by open cut	\$40.00	\$1,160.00	\$65.00	\$1,885.00
14	8	LF	Furnish & install 8" SDR-18 AWWA C900 PVC water by open cut	\$47.00	\$376.00	\$75.00	\$600.00
15	3,374	LF	Furnish & install 12" SDR-18 AWWA C900 PVC water by open cut	\$55.00	\$185,570.00	\$58.00	\$195,692.00
16	92	LF	Furnish & install 12" PVC water by bore with steel encasement pipe	\$350.00	\$32,200.00	\$150.00	\$13,800.00
17	1	EA	Furnish and install 8" gate valve	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00
18	9	EA	Furnish and install 12" gate valve	\$3,000.00	\$27,000.00	\$2,500.00	\$22,500.00
19	2	EA	Furnish and install fire hydrant and 6" valve	\$4,000.00	\$8,000.00	\$3,500.00	\$7,000.00
20	2	TN	Furnish and install ductile iron fittings	\$1,500.00	\$3,000.00	\$4,000.00	\$8,000.00
21	9	EA	Furnish and install water pipeline marker	\$50.00	\$450.00	\$500.00	\$4,500.00
22	1	LS	Excavation safety system design	\$2,000.00	\$2,000.00	\$350.00	\$350.00
23	3,411	LF	Excavation safety system installed	\$1.00	\$3,411.00	\$1.00	\$3,411.00
24	318	LF	Remove & replace chainlink fence	\$10.00	\$3,180.00	\$30.00	\$9,540.00
25	2	EA	Furnish and install project sign	\$250.00	\$500.00	\$500.00	\$1,000.00
26	1	LS	Furnish and install temporary erosion control and swppp	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
27	3,500	LF	Furnish and install temporary construction fence	\$0.50	\$1,750.00	\$1.00	\$3,500.00
28	1	LS	Furnish and install traffic control	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00
				TOTAL:	\$328,455.00	\$358,846.00	

COUCH DRIVE 12-INCH WATER LINE
 BID TABULATION

Item No.	Quantity	Unit	Item Description	Dowager Utility		Jeske Construction	
				Unit Cost	Total Cost	Unit Cost	Total Cost
1	1	LS	Mobilization	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00
2	2	AC	Clearing & grubbing	\$3,000.00	\$4,500.00	\$9,800.00	\$14,700.00
3	237	SY	Sawcut, remove & dispose concrete parking lot pavement	\$25.00	\$5,925.00	\$8.00	\$1,896.00
4	14	SY	Sawcut, remove & dispose asphalt driveway	\$20.00	\$280.00	\$7.00	\$98.00
5	6	SY	Sawcut, remove & dispose 4" concrete sidewalk	\$20.00	\$120.00	\$6.00	\$36.00
6	1	LS	Remove & dispose of 12" x 8" tee, 8" pipe, & 12" pipe	\$3,000.00	\$3,000.00	\$1,600.00	\$1,600.00
7	1	EA	Remove & salvage existing fire hydrant & abandon valve	\$500.00	\$500.00	\$500.00	\$500.00
8	6	SY	Construct 4" reinforced concrete sidewalk	\$40.00	\$240.00	\$40.00	\$240.00
9	237	SY	Construct 6" concrete parking lot pavement	\$50.00	\$11,850.00	\$43.00	\$10,191.00
10	14	SY	Construct 3" asphalt type D surface course over 6" concrete	\$80.00	\$1,120.00	\$70.00	\$980.00
11	4,183	SY	Block sodding	\$4.00	\$16,732.00	\$5.00	\$20,915.00
12	9,740	SY	Topsoil stockpiling and ripping on agricultural property	\$0.50	\$4,870.00	\$2.00	\$19,480.00
13	29	LF	Furnish & install 6" SDR-18 AWWA C900 PVC water by open cut	\$40.00	\$1,160.00	\$42.00	\$1,218.00
14	8	LF	Furnish & install 8" SDR-18 AWWA C900 PVC water by open cut	\$45.00	\$360.00	\$47.00	\$376.00
15	3,374	LF	Furnish & install 12" SDR-18 AWWA C900 PVC water by open cut	\$54.00	\$182,196.00	\$58.00	\$195,692.00
16	92	LF	Furnish & install 12" PVC water by bore with steel encasement pipe	\$400.00	\$36,800.00	\$430.00	\$39,560.00
17	1	EA	Furnish and install 8" gate valve	\$1,200.00	\$1,200.00	\$1,450.00	\$1,450.00
18	9	EA	Furnish and install 12" gate valve	\$2,400.00	\$21,600.00	\$2,300.00	\$20,700.00
19	2	EA	Furnish and install fire hydrant and 6" valve	\$4,000.00	\$8,000.00	\$4,500.00	\$9,000.00
20	2	TN	Furnish and install ductile iron fittings	\$6,000.00	\$12,000.00	\$4,980.00	\$9,960.00
21	9	EA	Furnish and install water pipeline marker	\$60.00	\$540.00	\$76.00	\$684.00
22	1	LS	Excavation safety system design	\$1,000.00	\$1,000.00	\$500.00	\$500.00
23	3,411	LF	Excavation safety system installed	\$1.00	\$3,411.00	\$0.10	\$341.10
24	318	LF	Remove & replace chainlink fence	\$15.00	\$4,770.00	\$24.00	\$7,632.00
25	2	EA	Furnish and install project sign	\$1,000.00	\$2,000.00	\$600.00	\$1,200.00
26	1	LS	Furnish and install temporary erosion control and swppp	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00
27	3,500	LF	Furnish and install temporary construction fence	\$6.00	\$21,000.00	\$0.70	\$2,450.00
28	1	LS	Furnish and install traffic control	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00
TOTAL:					\$359,174.00		\$384,799.10

COUCH DRIVE 12-INCH WATER LINE
 BID TABULATION

Item No.	Quantity	Unit	Item Description	PC Contractors		Venus Construction	
				Unit Cost	Total Cost	Unit Cost	Total Cost
1	1	LS	Mobilization	\$18,500.00	\$18,500.00	\$13,109.58	\$13,109.58
2	2	AC	Clearing & grubbing	\$6,500.00	\$9,750.00	\$8,373.15	\$12,559.73
3	237	SY	Sawcut, remove & dispose concrete parking lot pavement	\$6.65	\$1,576.05	\$23.76	\$5,631.12
4	14	SY	Sawcut, remove & dispose asphalt driveway	\$7.75	\$108.50	\$23.76	\$332.64
5	6	SY	Sawcut, remove & dispose 4" concrete sidewalk	\$10.00	\$60.00	\$23.76	\$142.56
6	1	LS	Remove & dispose of 12" x 8" tee, 8" pipe, & 12" pipe	\$1,000.00	\$1,000.00	\$4,359.06	\$4,359.06
7	1	EA	Remove & salvage existing fire hydrant & abandon valve	\$275.00	\$275.00	\$297.00	\$297.00
8	6	SY	Construct 4" reinforced concrete sidewalk	\$50.00	\$300.00	\$53.46	\$320.76
9	237	SY	Construct 6" concrete parking lot pavement	\$43.90	\$10,404.30	\$64.16	\$15,205.92
10	14	SY	Construct 3" asphalt type D surface course over 6" concrete	\$85.90	\$1,202.60	\$77.22	\$1,081.08
11	4,183	SY	Block sodding	\$7.75	\$32,418.25	\$8.51	\$35,597.33
12	9,740	SY	Topsoil stockpiling and ripping on agricultural property	\$3.95	\$38,473.00	\$3.41	\$33,213.40
13	29	LF	Furnish & install 6" SDR-18 AWWA C900 PVC water by open cut	\$30.00	\$870.00	\$24.63	\$714.27
14	8	LF	Furnish & install 8" SDR-18 AWWA C900 PVC water by open cut	\$40.00	\$320.00	\$27.74	\$221.92
15	3,374	LF	Furnish & install 12" SDR-18 AWWA C900 PVC water by open cut	\$50.95	\$171,905.30	\$36.74	\$123,960.76
16	92	LF	Furnish & install 12" PVC water by bore with steel encasement pipe	\$285.00	\$26,220.00	\$306.56	\$28,203.52
17	1	EA	Furnish and install 8" gate valve	\$1,220.00	\$1,220.00	\$1,051.96	\$1,051.96
18	9	EA	Furnish and install 12" gate valve	\$2,225.00	\$20,025.00	\$2,057.86	\$18,520.74
19	2	EA	Furnish and install fire hydrant and 6" valve	\$3,165.00	\$6,330.00	\$3,204.52	\$6,409.04
20	2	TN	Furnish and install ductile iron fittings	\$4,500.00	\$9,000.00	\$6,784.69	\$13,569.38
21	9	EA	Furnish and install water pipeline marker	\$50.00	\$450.00	\$54.55	\$490.95
22	1	LS	Excavation safety system design	\$550.00	\$550.00	\$415.80	\$415.80
23	3,411	LF	Excavation safety system installed	\$0.50	\$1,705.50	\$1.24	\$4,229.64
24	318	LF	Remove & replace chainlink fence	\$18.10	\$5,755.80	\$32.10	\$10,207.80
25	2	EA	Furnish and install project sign	\$550.00	\$1,100.00	\$534.60	\$1,069.20
26	1	LS	Furnish and install temporary erosion control and swppp	\$12,750.00	\$12,750.00	\$4,811.40	\$4,811.40
27	3,500	LF	Furnish and install temporary construction fence	\$3.50	\$12,250.00	\$17.82	\$62,370.00
28	1	LS	Furnish and install traffic control	\$750.00	\$750.00	\$2,970.00	\$2,970.00
TOTAL:					\$385,269.30		\$401,066.56

COUCH DRIVE 12-INCH WATER LINE
 BID TABULATION

Item No.	Quantity	Unit	Item Description	Atkins Brothers	
				Unit Cost	Total Cost
1	1	LS	Mobilization	\$6,000.00	\$6,000.00
2	2	AC	Clearing & grubbing	\$13,000.00	\$19,500.00
3	237	SY	Sawcut, remove & dispose concrete parking lot pavement	\$10.00	\$2,370.00
4	14	SY	Sawcut, remove & dispose asphalt driveway	\$10.00	\$140.00
5	6	SY	Sawcut, remove & dispose 4" concrete sidewalk	\$20.00	\$120.00
6	1	LS	Remove & dispose of 12" x 8" tee, 8" pipe, & 12" pipe	\$2,000.00	\$2,000.00
7	1	EA	Remove & salvage existing fire hydrant & abandon valve	\$100.00	\$100.00
8	6	SY	Construct 4" reinforced concrete sidewalk	\$100.00	\$600.00
9	237	SY	Construct 6" concrete parking lot pavement	\$60.00	\$14,220.00
10	14	SY	Construct 3" asphalt type D surface course over 6" concrete	\$70.00	\$980.00
11	4,183	SY	Block sodding	\$4.00	\$16,732.00
12	9,740	SY	Topsoil stockpiling and ripping on agricultural property	\$61.00	\$594,140.00
13	29	LF	Furnish & install 6" SDR-18 AWWA C900 PVC water by open cut	\$90.00	\$2,610.00
14	8	LF	Furnish & install 8" SDR-18 AWWA C900 PVC water by open cut	\$100.00	\$800.00
15	3,374	LF	Furnish & install 12" SDR-18 AWWA C900 PVC water by open cut	\$89.00	\$300,286.00
16	92	LF	Furnish & install 12" PVC water by bore with steel encasement pipe	\$290.00	\$26,680.00
17	1	EA	Furnish and install 8" gate valve	\$1,200.00	\$1,200.00
18	9	EA	Furnish and install 12" gate valve	\$2,600.00	\$23,400.00
19	2	EA	Furnish and install fire hydrant and 6" valve	\$3,000.00	\$6,000.00
20	2	TN	Furnish and install ductile iron fittings	\$3,000.00	\$6,000.00
21	9	EA	Furnish and install water pipeline marker	\$200.00	\$1,800.00
22	1	LS	Excavation safety system design	\$3,000.00	\$3,000.00
23	3,411	LF	Excavation safety system installed	\$1.00	\$3,411.00
24	318	LF	Remove & replace chainlink fence	\$17.00	\$5,406.00
25	2	EA	Furnish and install project sign	\$1,000.00	\$2,000.00
26	1	LS	Furnish and install temporary erosion control and swppp	\$19,000.00	\$19,000.00
27	3,500	LF	Furnish and install temporary construction fence	\$7.00	\$24,500.00
28	1	LS	Furnish and install traffic control	\$10,000.00	\$10,000.00

TOTAL: \$1,092,995.00

TOTAL: