

Tabulation of Bids

8 September 2017

MILL CREEK / PEAKS BRANCH / STATE THOMAS DRAINAGE RELIEF PROJECT

Project Numbers: PB06T523, PB06T524, PB06T525, PB06T536, TW12S769

DWU Contract Numbers: 15-387F / 15-388F

Files Numbers: 421Q-5780; 411-1929K

				Southland Mole JV		Michels Tunneling		C.M.C. di Ravenna	
				608 Henrietta Creek Road Roanoke, TX 76262		16500 W. Rogers Drive New Berlin, WI 53151		76, Via Trieste Ravenna, Italy 48122	
Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
SCHEDULE 1 BASE BID: PROJECT-WIDE ITEMS									
			All work exclusive of Items listed separately, including tunnel between Station 8+00 and						
1	1	LS	Station 271+85	\$191,675,695.00	\$191,675,695.00	\$190,592,000.00	\$190,592,000.00	\$197,502,395.40	\$197,502,395.40
101	30	AC	Clearing and Grubbing	\$2,000.00	\$60,000.00	\$7,350.00	\$220,500.00	\$5,500.00	\$165,000.00
102	13,500	CY	Unclassified Street Excavation	\$7.00	\$94,500.00	\$29.00	\$391,500.00	\$19.00	\$256,500.00
102W	1	LS	Soil and Groundwater Management Plan Implementation - Site C	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$100,000.00	\$100,000.00
102X	1	LS	Soil and Groundwater Management Plan Implementation - Site D	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$200,000.00	\$200,000.00
102Y	4,000	CY	Disposal of Class I Excavated Material	\$41.00	\$164,000.00	\$54.00	\$216,000.00	\$100.00	\$400,000.00
102Z	4,000	CY	Disposal of Class II Excavated Material	\$37.00	\$148,000.00	\$29.00	\$116,000.00	\$150.00	\$600,000.00
105	2,000	CY	Earth Borrow Material	\$7.00	\$14,000.00	\$30.00	\$60,000.00	\$23.50	\$47,000.00
107	2,000	CY	Select Borrow Material for Subgrade	\$7.00	\$14,000.00	\$45.00	\$90,000.00	\$23.50	\$47,000.00
108	2,000	CY	Select Borrow Material for Topsoil	\$7.00	\$14,000.00	\$45.00	\$90,000.00	\$24.00	\$48,000.00
118X	10,000	GAL	Collection and Disposal of Hazardous Groundwater	\$1.00	\$10,000.00	\$10.00	\$100,000.00	\$50.00	\$500,000.00
118Y	20,000	GAL	Collection and Disposal of Class I Groundwater	\$1.00	\$20,000.00	\$6.00	\$120,000.00	\$10.00	\$200,000.00
118Z	20,000	GAL	Collection and Disposal of Class II Groundwater	\$1.00	\$20,000.00	\$6.00	\$120,000.00	\$0.08	\$1,600.00
131	200	VLF	Sub-surface Deep Settlement Indicator	\$100.00	\$20,000.00	\$50.00	\$10,000.00	\$50.00	\$10,000.00
132	100	EA	Horiz. or Vert. Surface Settlement Marker (aboveground)	\$1,000.00	\$100,000.00	\$250.00	\$25,000.00	\$50.00	\$5,000.00
133	50	EA	Tiltmeter (aboveground)	\$1,000.00	\$50,000.00	\$500.00	\$25,000.00	\$2,500.00	\$125,000.00
134	100	EA	Crack Gage (aboveground)	\$400.00	\$40,000.00	\$500.00	\$50,000.00	\$1,000.00	\$100,000.00
136	20	EA	Horiz. or Vert. Surface Settlement Marker (DART)	\$1,000.00	\$20,000.00	\$5,000.00	\$100,000.00	\$200.00	\$4,000.00
137	5	EA	Tiltmeter (DART Tunnel)	\$1,000.00	\$5,000.00	\$5,000.00	\$25,000.00	\$10,000.00	\$50,000.00
138	30	EA	Crack Gage (DART Tunnel)	\$400.00	\$12,000.00	\$1,000.00	\$30,000.00	\$500.00	\$15,000.00
139	5	EA	Vibration Monitoring (DART Tunnel)	\$5,000.00	\$25,000.00	\$50,000.00	\$250,000.00	\$20,000.00	\$100,000.00
140	5	EA	Gas Monitor (DART Tunnel)	\$5,000.00	\$25,000.00	\$15,000.00	\$75,000.00	\$20,000.00	\$100,000.00
142Y	60	EA	Construction Inspection of Additional Single-family Structures	\$500.00	\$30,000.00	\$1,000.00	\$60,000.00	\$1,000.00	\$60,000.00
142Z	30	EA	Construction Inspection of Additional Non-single-family Structures	\$700.00	\$21,000.00	\$3,000.00	\$90,000.00	\$3,000.00	\$90,000.00
143	600	VLF	Inclinometer Casing	\$100.00	\$60,000.00	\$100.00	\$60,000.00	\$100.00	\$60,000.00
144	1	LS	Inclinometer Instrument Probe, Cable with Pulley and Computer	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00
145	500	VLF	Groundwater Control Observation Well	\$50.00	\$25,000.00	\$100.00	\$50,000.00	\$50.00	\$25,000.00
149	300	LF	Tunnel Type E and F - TBM Excavation and Circular Rib Support (excludes rib material)	\$650.00	\$195,000.00	\$648.00	\$194,400.00	\$470.64	\$141,192.00
150	80	EA	Tunnel Type F - Circular Rib Support Materials (no installation)	\$5,000.00	\$400,000.00	\$8,232.00	\$658,560.00	\$12,259.70	\$980,776.00
152	250	LF	Tunnel Type E - Bench Excavation and Lower Rib Support (excludes rib material)	\$422.00	\$105,500.00	\$294.00	\$73,500.00	\$464.39	\$116,097.50
153	70	EA	Tunnel Type E - Vertical Rib Support Materials (no installation)	\$1,000.00	\$70,000.00	\$2,322.00	\$162,540.00	\$2,218.78	\$155,314.60
187	1,500	EA	Additional Support - #8 Rock Dowel	\$30.00	\$45,000.00	\$53.00	\$79,500.00	\$84.39	\$126,585.00
188	1,500	EA	Additional Support - #9 Rock Dowel	\$40.00	\$60,000.00	\$64.00	\$96,000.00	\$104.63	\$156,945.00
189	125,000	LF	Additional Support - Steel Channel	\$3.30	\$412,500.00	\$4.00	\$500,000.00	\$7.37	\$921,250.00
190	600,000	SF	Additional Support - Welded Wire Lagging	\$1.25	\$750,000.00	\$1.57	\$942,000.00	\$1.75	\$1,050,000.00
192A	20	EA	Mobilization for Pre-excavation Cutoff Grouting in the Main Tunnel	\$2,000.00	\$40,000.00	\$626.00	\$12,520.00	\$5,000.00	\$100,000.00
192B	10	EA	Mobilization for Pre-excavation Cutoff Grouting in Laterals	\$400.00	\$4,000.00	\$293.00	\$2,930.00	\$5,000.00	\$50,000.00
192C	10	EA	Mobilization for Post-excavation Cutoff Grouting in the Main Tunnel	\$900.00	\$9,000.00	\$399.00	\$3,990.00	\$5,000.00	\$50,000.00

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				608 Henrietta Creek Road Roanoke, TX 76262		16500 W. Rogers Drive New Berlin, WI 53151		76, Via Trieste Ravenna, Italy 48122	
Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
192D	10	EA	Mobilization for Post-excavation Cutoff Grouting in Laterals	\$1,000.00	\$10,000.00	\$263.00	\$2,630.00	\$5,000.00	\$50,000.00
192E	80	HR	Grout Time for Pre-excavation Cutoff Grouting in the Main Tunnel	\$2,000.00	\$160,000.00	\$626.00	\$50,080.00	\$400.00	\$32,000.00
192F	40	HR	Grout Time for Pre-excavation Cutoff Grouting in Laterals	\$1,000.00	\$40,000.00	\$293.00	\$11,720.00	\$400.00	\$16,000.00
192G	40	HR	Grout Time for Post-excavation Cutoff Grouting in the Main Tunnel	\$2,000.00	\$80,000.00	\$399.00	\$15,960.00	\$400.00	\$16,000.00
192H	40	HR	Grout Time for Post-excavation Cutoff Grouting in Laterals	\$1,500.00	\$60,000.00	\$263.00	\$10,520.00	\$400.00	\$16,000.00
192I	2,000	SACK	Cutoff Grouting Cement	\$15.00	\$30,000.00	\$12.00	\$24,000.00	\$18.80	\$37,600.00
193	200	HR	Work Stoppage Due to Gassy Conditions	\$500.00	\$100,000.00	\$633.00	\$126,600.00	\$2,000.00	\$400,000.00
194	100	CY	Concrete Tunnel Bulkheads	\$750.00	\$75,000.00	\$519.00	\$51,900.00	\$3,000.00	\$300,000.00
201	4,000	SY	Remove Concrete Pavement, Drive and Apron	\$5.00	\$20,000.00	\$11.00	\$44,000.00	\$9.50	\$38,000.00
202	7,000	LF	Remove Concrete Curb with or without Gutter	\$2.00	\$14,000.00	\$6.00	\$42,000.00	\$5.70	\$39,900.00
202A	20,000	SY	Remove Asphalt Pavement	\$2.00	\$40,000.00	\$7.00	\$140,000.00	\$6.65	\$133,000.00
203	30,000	SF	Remove Concrete Sidewalk	\$1.00	\$30,000.00	\$3.00	\$90,000.00	\$1.90	\$57,000.00
206	100	LF	Remove Concrete or Masonry Retaining Wall	\$10.00	\$1,000.00	\$62.00	\$6,200.00	\$45.24	\$4,524.00
206R	80	LF	Remove Railroad Tie Retaining Wall	\$10.00	\$800.00	\$90.00	\$7,200.00	\$142.50	\$11,400.00
207R	1	EA	Relocate Wooden Structure	\$1,000.00	\$1,000.00	\$5,635.00	\$5,635.00	\$5,000.00	\$5,000.00
208	3,000	LF	Remove Fence	\$2.00	\$6,000.00	\$12.00	\$36,000.00	\$11.00	\$33,000.00
320	500	LF	Concrete Sidewalk Curb (Max. 9-inch High)	\$5.00	\$2,500.00	\$7.00	\$3,500.00	\$6.00	\$3,000.00
354Z	2,400	SF	6" Thick Reinforced Concrete Bike Path	\$4.00	\$9,600.00	\$9.00	\$21,600.00	\$7.00	\$16,800.00
355	33,000	SF	4" Thick Reinforced Concrete Walk	\$4.00	\$132,000.00	\$6.00	\$198,000.00	\$5.50	\$181,500.00
355Z	600	SF	Detectable Warning Plate	\$25.00	\$15,000.00	\$20.00	\$12,000.00	\$23.50	\$14,100.00
410	6,200	LF	6" High Concrete Curb with 12" Gutter	\$18.00	\$111,600.00	\$25.00	\$155,000.00	\$25.00	\$155,000.00
412	700	SY	4" Thick Reinforced Concrete Riprap	\$40.00	\$28,000.00	\$54.00	\$37,800.00	\$100.00	\$70,000.00
417	50	CY	Reinforced Concrete Type 1 or Type 2 Step	\$250.00	\$12,500.00	\$1,029.00	\$51,450.00	\$470.00	\$23,500.00
423	50	CY	Reinforced Concrete Type 6 Retaining Wall	\$450.00	\$22,500.00	\$1,235.00	\$61,750.00	\$1,272.73	\$63,636.50
424Y	100	CY	Stone Veneer Retaining Wall	\$400.00	\$40,000.00	\$1,539.00	\$153,900.00	\$1,585.86	\$158,586.00
424Z	50	CY	Reinforced Concrete Type 8 Retaining Wall	\$400.00	\$20,000.00	\$873.00	\$43,650.00	\$898.99	\$44,949.50
432	2,000	SY	8" Thick Reinforced Concrete Driveway	\$45.00	\$90,000.00	\$88.00	\$176,000.00	\$55.20	\$110,400.00
455A	5,500	SY	11" Thick Reinforced Concrete Pavement	\$55.00	\$302,500.00	\$86.00	\$473,000.00	\$80.00	\$440,000.00
455H	1,000	SY	11" High Early Strength Concrete Upgrade	\$65.00	\$65,000.00	\$29.00	\$29,000.00	\$100.00	\$100,000.00
456	6,000	SY	6" Thick Reinf Concrete Pavement	\$40.00	\$240,000.00	\$68.00	\$408,000.00	\$53.00	\$318,000.00
456H	1,000	SY	6" High Early Strength Concrete Upgrade	\$50.00	\$50,000.00	\$26.00	\$26,000.00	\$70.00	\$70,000.00
456Z	1,500	SF	Stamped / Stained Concrete	\$8.00	\$12,000.00	\$16.00	\$24,000.00	\$9.50	\$14,250.00
457	1,200	SY	6" Thick Reinforced Concrete Driveway	\$50.00	\$60,000.00	\$78.00	\$93,600.00	\$56.00	\$67,200.00
458	4,500	LF	6" High Concrete Integral Curb	\$2.00	\$9,000.00	\$7.00	\$31,500.00	\$5.80	\$26,100.00
460	150	LF	Reinforced Concrete Street Header	\$15.00	\$2,250.00	\$64.00	\$9,600.00	\$38.00	\$5,700.00
463	12,100	SY	8" Thick Reinforced Concrete Pavement	\$45.00	\$544,500.00	\$79.00	\$955,900.00	\$57.00	\$689,700.00
463H	1,000	SY	8" High Early Strength Concrete Upgrade	\$60.00	\$60,000.00	\$27.00	\$27,000.00	\$90.00	\$90,000.00
500	500	TON	Cold Mix Asphaltic Concrete	\$100.00	\$50,000.00	\$206.00	\$103,000.00	\$212.12	\$106,060.00
503	500	SY	Gravel Surface	\$15.00	\$7,500.00	\$23.00	\$11,500.00	\$58.00	\$29,000.00
504	2,000	TON	Asphalt Concrete Fine Grade Surface Course	\$100.00	\$200,000.00	\$133.00	\$266,000.00	\$136.36	\$272,720.00

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Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
507	1,000	TON	Hot Mix Asphaltic Concrete for Temporary Paving	\$100.00	\$100,000.00	\$143.00	\$143,000.00	\$146.46	\$146,460.00
508	14,000	SY	Cement Subgrade Preparation	\$5.00	\$70,000.00	\$4.00	\$56,000.00	\$7.50	\$105,000.00
509	500	TON	Portland Cement Type I	\$190.00	\$95,000.00	\$265.00	\$132,500.00	\$200.00	\$100,000.00
514	11,000	SY	Lime Subgrade Preparation	\$5.00	\$55,000.00	\$7.00	\$77,000.00	\$7.50	\$82,500.00
515	400	TON	Hydrated Lime	\$135.00	\$54,000.00	\$196.00	\$78,400.00	\$190.00	\$76,000.00
521	300	TON	Material for Temporary Maintenance of Traffic	\$30.00	\$9,000.00	\$236.00	\$70,800.00	\$242.42	\$72,726.00
530A	10	EA	Project Sign	\$1,000.00	\$10,000.00	\$980.00	\$9,800.00	\$1,253.55	\$12,535.50
603E	50	CY	Hardwood Mulch	\$100.00	\$5,000.00	\$123.00	\$6,150.00	\$126.26	\$6,313.00
604	3,000	LF	Sawcut Pavement Full Depth	\$7.00	\$21,000.00	\$6.00	\$18,000.00	\$2.00	\$6,000.00
607	30,000	SY	Bermuda / St. Augustine Block Sodding	\$3.00	\$90,000.00	\$7.00	\$210,000.00	\$6.57	\$197,100.00
613	100	EA	Pavement Leaveout	\$100.00	\$10,000.00	\$427.00	\$42,700.00	\$439.39	\$43,939.00
615	20	LF	6-Foot Chain Link Fence	\$30.00	\$600.00	\$9.00	\$180.00	\$85.00	\$1,700.00
615D	200	LF	7-Foot Chain Link Fence With Barbed Wire	\$40.00	\$8,000.00	\$18.00	\$3,600.00	\$18.73	\$3,746.00
615E	700	LF	8-Foot Chain Link Fence	\$45.00	\$31,500.00	\$11.00	\$7,700.00	\$21.64	\$15,148.00
615F	1,800	LF	9-Foot Chain Link Fence With Barbed Wire	\$50.00	\$90,000.00	\$20.00	\$36,000.00	\$22.16	\$39,888.00
615G	1	EA	24-Foot Double Swing Gate (Chain Link)	\$3,000.00	\$3,000.00	\$721.00	\$721.00	\$1,283.00	\$1,283.00
615H	2	EA	24-Foot Double Swing Gate (Chain Link With Barbed Wire)	\$3,200.00	\$6,400.00	\$980.00	\$1,960.00	\$1,080.79	\$2,161.58
615I	1,500	LF	2-Foot Post and Cable Fence	\$15.00	\$22,500.00	\$16.00	\$24,000.00	\$12.86	\$19,290.00
615J	1,500	LF	8-Foot Ornamental Steel Security Fence	\$45.00	\$67,500.00	\$147.00	\$220,500.00	\$86.91	\$130,365.00
615K	1	EA	20-Foot Sliding Ornamental Security Gate	\$3,500.00	\$3,500.00	\$1,470.00	\$1,470.00	\$9,850.07	\$9,850.07
615L	1	EA	24-Foot Sliding Ornamental Security Gate	\$3,500.00	\$3,500.00	\$2,156.00	\$2,156.00	\$11,904.15	\$11,904.15
615M	1,000	SY	3' Mow Strip	\$45.00	\$45,000.00	\$64.00	\$64,000.00	\$65.66	\$65,660.00
615Z	500	LF	Landscape Concrete Mow Strip	\$2.00	\$1,000.00	\$30.00	\$15,000.00	\$30.30	\$15,150.00
616D	20	EA	Removable Bollard	\$150.00	\$3,000.00	\$2,352.00	\$47,040.00	\$1,000.00	\$20,000.00
616R	10	EA	Removable Steel Bollard	\$200.00	\$2,000.00	\$1,960.00	\$19,600.00	\$1,500.00	\$15,000.00
618	2,000	SF	Reinforced Concrete Barrier Free Curb Ramp	\$4.00	\$8,000.00	\$25.00	\$50,000.00	\$14.25	\$28,500.00
623	2,000	LF	Sidewalk Lug	\$5.00	\$10,000.00	\$9.00	\$18,000.00	\$9.09	\$18,180.00
625	50	EA	Remove and Reset Mail Box	\$100.00	\$5,000.00	\$490.00	\$24,500.00	\$400.00	\$20,000.00
626	60	EA	Remove and Replace Traffic Control and Street Signs	\$200.00	\$12,000.00	\$2,161.00	\$129,660.00	\$250.00	\$15,000.00
626Z	50	EA	Furnish and Install Small Sign	\$100.00	\$5,000.00	\$1,441.00	\$72,050.00	\$400.00	\$20,000.00
636	23,000	SY	Grass Seeding by Hydromulching	\$1.00	\$23,000.00	\$2.00	\$46,000.00	\$2.02	\$46,460.00
639	700	EA	Remove Tree (6-in caliper or greater)	\$50.00	\$35,000.00	\$265.00	\$185,500.00	\$272.73	\$190,911.00
644B	500	LF	Steel Edging	\$10.00	\$5,000.00	\$8.00	\$4,000.00	\$7.88	\$3,940.00
644D	800	SF	Concrete Pavers	\$6.00	\$4,800.00	\$10.00	\$8,000.00	\$9.90	\$7,920.00
645	6,000	LF	Geotextile Silt Fence	\$3.00	\$18,000.00	\$4.00	\$24,000.00	\$2.00	\$12,000.00
680	3,200	LF	2" PVC SCH 40 Street Light Conduit	\$8.00	\$25,600.00	\$14.00	\$44,800.00	\$13.54	\$43,328.00
684Y	32	EA	3,000 PSI Reinforced Concrete Light Foundation	\$2,500.00	\$80,000.00	\$1,372.00	\$43,904.00	\$1,414.14	\$45,252.48
684Z	32	EA	Historical Pedestrian Luminaire and Pole	\$1,500.00	\$48,000.00	\$6,566.00	\$210,112.00	\$6,767.68	\$216,565.76
688	5	EA	Flush Mounted Pull Box	\$1,525.00	\$7,625.00	\$980.00	\$4,900.00	\$1,010.10	\$5,050.50
708	100	EA	4"x4" Type I-W-C Raised Traffic Pavement Marker	\$10.00	\$1,000.00	\$6.00	\$600.00	\$4.20	\$420.00

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Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
711	400	EA	4" Dia. Type II-Y-Y Traffic Button	\$10.00	\$4,000.00	\$5.00	\$2,000.00	\$3.50	\$1,400.00
722W	2,200	LF	4" Thermoplastic Lane Marker (White)	\$0.20	\$440.00	\$2.00	\$4,400.00	\$1.00	\$2,200.00
722Y	12,100	LF	4" Thermoplastic Lane Marker (Yellow)	\$0.20	\$2,420.00	\$1.00	\$12,100.00	\$0.50	\$6,050.00
722BY	2,500	LF	4" Thermoplastic Lane Marker (Broken Yellow)	\$0.20	\$500.00	\$2.00	\$5,000.00	\$1.00	\$2,500.00
723W	3,200	LF	6" Thermoplastic Lane Marker (White)	\$0.20	\$640.00	\$2.00	\$6,400.00	\$1.00	\$3,200.00
724	1,000	LF	18" Thermoplastic Stop Line Marker (White)	\$2.00	\$2,000.00	\$6.00	\$6,000.00	\$4.00	\$4,000.00
725W	2,500	LF	24" Thermoplastic Crosswalk Marker (White)	\$4.00	\$10,000.00	\$7.00	\$17,500.00	\$5.25	\$13,125.00
726A	20	EA	Pavement Marker (Arrow)	\$200.00	\$4,000.00	\$140.00	\$2,800.00	\$105.00	\$2,100.00
726B	10	EA	Pavement Marker (Bike)	\$50.00	\$500.00	\$260.00	\$2,600.00	\$200.00	\$2,000.00
726T	20	EA	Thermoplastic Yield Line Marker (Triangle) (White)	\$150.00	\$3,000.00	\$60.00	\$1,200.00	\$45.00	\$900.00
726W	10	EA	Pavement Marker (Word)	\$150.00	\$1,500.00	\$225.00	\$2,250.00	\$170.00	\$1,700.00
727	10	EA	Procure and Install Delineator Post	\$50.00	\$500.00	\$196.00	\$1,960.00	\$75.00	\$750.00
736	30	LF	Dead-End Street Barricade	\$150.00	\$4,500.00	\$30.00	\$900.00	\$200.00	\$6,000.00
741	1	EA	Install Base Mounted Controller Cabinet	\$10,000.00	\$10,000.00	\$1,960.00	\$1,960.00	\$2,020.20	\$2,020.20
743B	8	EA	Procure and Install 3-Sec Traffic Signal Head with Back Plate	\$225.00	\$1,800.00	\$1,225.00	\$9,800.00	\$1,262.63	\$10,101.04
743C	2	EA	Procure and Install 5-Sec Traffic Signal Head with Back Plate	\$300.00	\$600.00	\$1,617.00	\$3,234.00	\$1,666.67	\$3,333.34
748B	8	EA	Procure and Install Pedestrian Signal Head & Mounting Hardware	\$200.00	\$1,600.00	\$980.00	\$7,840.00	\$1,010.10	\$8,080.80
749	8	EA	Procure and Install Pedestrian Push Button/Sign	\$175.00	\$1,400.00	\$1,617.00	\$12,936.00	\$1,666.67	\$13,333.36
751	4	EA	Procure and Install Galvanized TxDOT Style Pole With 36-Foot Mast Arm	\$5,500.00	\$22,000.00	\$12,250.00	\$49,000.00	\$12,626.26	\$50,505.04
768	4	EA	Install Mast Arm Pole Foundation (TxDOT) 36-A	\$1,500.00	\$6,000.00	\$7,154.00	\$28,616.00	\$7,373.74	\$29,494.96
770	1	EA	Install Controller Cabinet Foundation	\$1,000.00	\$1,000.00	\$3,724.00	\$3,724.00	\$3,838.38	\$3,838.38
782	100	LF	Install 2-Inch PVC Conduit	\$8.00	\$800.00	\$14.00	\$1,400.00	\$13.54	\$1,354.00
783	50	LF	Install 3-Inch PVC Conduit	\$10.00	\$500.00	\$20.00	\$1,000.00	\$20.20	\$1,010.00
784	400	LF	Install 4-Inch PVC Conduit	\$15.00	\$6,000.00	\$24.00	\$9,600.00	\$24.24	\$9,696.00
785	1	EA	Procure and Install Electric Power Service	\$4,550.00	\$4,550.00	\$7,154.00	\$7,154.00	\$7,373.74	\$7,373.74
785A	500	LF	Electrical Conductor (No. 6) Bare	\$1.50	\$750.00	\$2.00	\$1,000.00	\$2.02	\$1,010.00
790C	4	EA	Procure and Install Type "C" Pull Box	\$1,500.00	\$6,000.00	\$1,078.00	\$4,312.00	\$1,111.11	\$4,444.44
791A	4	EA	Install Radar Detector (Wavetronix)	\$1,000.00	\$4,000.00	\$657.00	\$2,628.00	\$676.77	\$2,707.08
793B	450	LF	Procure and Install Multiconductor Cable (25 Conductor)	\$15.00	\$6,750.00	\$7.00	\$3,150.00	\$6.77	\$3,046.50
793C	450	LF	Procure and Install Multiconductor Cable (Radar Cable)	\$5.00	\$2,250.00	\$4.00	\$1,800.00	\$3.43	\$1,543.50
796	6	EA	Install Overhead Street Sign On Signal	\$250.00	\$1,500.00	\$451.00	\$2,706.00	\$464.65	\$2,787.90
802A	1	LS	Remove Traffic Signal Assembly (Signal Heads, Mast Arms, Control Cabinet)	\$4,750.00	\$4,750.00	\$5,194.00	\$5,194.00	\$5,353.54	\$5,353.54
841X	3,200	LF	Procure and Install #6 Street Light Wire (Hot)	\$6.00	\$19,200.00	\$2.00	\$6,400.00	\$2.02	\$6,464.00
841Y	3,200	LF	Procure and Install #6 Street Light Wire (Ground)	\$6.00	\$19,200.00	\$2.00	\$6,400.00	\$2.02	\$6,464.00
841Z	3,200	LF	Procure and Install #6 Street Light Wire (Neutral)	\$6.00	\$19,200.00	\$2.00	\$6,400.00	\$2.02	\$6,464.00
842	3	EA	Electrical Service with Stainless Steel Enclosure	\$4,550.00	\$13,650.00	\$7,840.00	\$23,520.00	\$8,080.81	\$24,242.43
901A	25	EA	Texas Red Oak (Quercus Texana)	\$200.00	\$5,000.00	\$980.00	\$24,500.00	\$1,010.10	\$25,252.50
901B	10	EA	Bur Oak (Quercus Macrocarpa)	\$150.00	\$1,500.00	\$980.00	\$9,800.00	\$1,010.10	\$10,101.00
901C	15	EA	Cedar Elm (Ulmus Crassifolia)	\$200.00	\$3,000.00	\$980.00	\$14,700.00	\$1,010.10	\$15,151.50
901D	100	EA	Glossy Abelia (Abelia Grandiflora)	\$40.00	\$4,000.00	\$98.00	\$9,800.00	\$101.01	\$10,101.00

Tabulation of Bids

8 September 2017

MILL CREEK / PEAKS BRANCH / STATE THOMAS DRAINAGE RELIEF PROJECT

Project Numbers: PB06T523, PB06T524, PB06T525, PB06T536, TW12S769

DWU Contract Numbers: 15-387F / 15-388F

Files Numbers: 421Q-5780; 411-1929K

				Southland Mole JV		Michels Tunneling		C.M.C. di Ravenna	
				608 Henrietta Creek Road Roanoke, TX 76262		16500 W. Rogers Drive New Berlin, WI 53151		76, Via Trieste Ravenna, Italy 48122	
Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
901E	125	EA	Compact Texas Sage (Leucophyllum Frutescens 'Compactum')	\$40.00	\$5,000.00	\$84.00	\$10,500.00	\$85.86	\$10,732.50
1002	200	LF	18" Class III Reinforced Concrete Pipe	\$90.00	\$18,000.00	\$138.00	\$27,600.00	\$214.50	\$42,900.00
1003	400	LF	21" Class III Reinforced Concrete Pipe	\$100.00	\$40,000.00	\$157.00	\$62,800.00	\$220.00	\$88,000.00
1004	340	LF	24" Class III Reinforced Concrete Pipe	\$120.00	\$40,800.00	\$167.00	\$56,780.00	\$275.00	\$93,500.00
1006	1,300	LF	30" Class III Reinforced Concrete Pipe	\$135.00	\$175,500.00	\$177.00	\$230,100.00	\$363.00	\$471,900.00
1008	500	LF	36" Class III Reinforced Concrete Pipe	\$145.00	\$72,500.00	\$221.00	\$110,500.00	\$495.00	\$247,500.00
1010	10	LF	42" Class III Reinforced Concrete Pipe	\$175.00	\$1,750.00	\$319.00	\$3,190.00	\$605.00	\$6,050.00
1012	270	LF	48" Class III Reinforced Concrete Pipe	\$220.00	\$59,400.00	\$265.00	\$71,550.00	\$660.00	\$178,200.00
1014	20	LF	54" Class III Reinforced Concrete Pipe	\$300.00	\$6,000.00	\$343.00	\$6,860.00	\$924.00	\$18,480.00
1015	120	LF	60" Class III Reinforced Concrete Pipe	\$350.00	\$42,000.00	\$412.00	\$49,440.00	\$990.00	\$118,800.00
1017	100	LF	72" Class III Reinforced Concrete Pipe	\$500.00	\$50,000.00	\$539.00	\$53,900.00	\$1,595.00	\$159,500.00
1018	50	LF	78" Class III Reinforced Concrete Pipe	\$600.00	\$30,000.00	\$637.00	\$31,850.00	\$1,705.00	\$85,250.00
1201	60	EA	10' Standard Inlet	\$4,000.00	\$240,000.00	\$9,800.00	\$588,000.00	\$7,150.00	\$429,000.00
1201Z	20	EA	10' Inlet with Integral Wall	\$4,000.00	\$80,000.00	\$11,466.00	\$229,320.00	\$13,750.00	\$275,000.00
1202	5	EA	8' Standard Inlet	\$3,800.00	\$19,000.00	\$8,722.00	\$43,610.00	\$7,452.50	\$37,262.50
1203	10	EA	6' Inlet	\$3,000.00	\$30,000.00	\$7,644.00	\$76,440.00	\$9,350.00	\$93,500.00
1204	5	EA	5' Inlet	\$2,900.00	\$14,500.00	\$7,252.00	\$36,260.00	\$7,755.00	\$38,775.00
1206	5	EA	3' Inlet	\$2,200.00	\$11,000.00	\$5,880.00	\$29,400.00	\$6,655.00	\$33,275.00
1211	5	EA	4' Recessed Inlet	\$2,500.00	\$12,500.00	\$6,370.00	\$31,850.00	\$6,050.00	\$30,250.00
1213	5	EA	Type Y Inlet	\$3,000.00	\$15,000.00	\$7,252.00	\$36,260.00	\$19,800.00	\$99,000.00
1213S	10	EA	Special Type Y Inlet	\$3,000.00	\$30,000.00	\$5,390.00	\$53,900.00	\$22,000.00	\$220,000.00
1213Z	1	LS	Special Inlet Structure	\$12,000.00	\$12,000.00	\$398,213.00	\$398,213.00	\$407,000.00	\$407,000.00
1217	5	EA	Double Grate Inlet	\$5,000.00	\$25,000.00	\$8,624.00	\$43,120.00	\$13,750.00	\$68,750.00
1217Z	5	EA	TxDOT Type CC Grate Inlet	\$1,000.00	\$5,000.00	\$11,956.00	\$59,780.00	\$10,450.00	\$52,250.00
1225A	180	EA	Inlet Protection	\$200.00	\$36,000.00	\$360.00	\$64,800.00	\$100.00	\$18,000.00
1225B	20	EA	Stabilized Construction Entrance	\$2,000.00	\$40,000.00	\$6,174.00	\$123,480.00	\$1,500.00	\$30,000.00
1226	5	EA	14' Inlet	\$4,000.00	\$20,000.00	\$11,956.00	\$59,780.00	\$12,375.00	\$61,875.00
1227	10	EA	14' Recessed Inlet	\$4,500.00	\$45,000.00	\$12,005.00	\$120,050.00	\$10,780.00	\$107,800.00
1230	150	FT DEPTH	Extra Depth of Inlet	\$300.00	\$45,000.00	\$799.00	\$119,850.00	\$1,017.50	\$152,625.00
1232R	5	EA	Manhole Riser	\$750.00	\$3,750.00	\$3,161.00	\$15,805.00	\$918.50	\$4,592.50
1235	5	EA	5-ft x 5-ft Type B Manhole	\$5,000.00	\$25,000.00	\$12,348.00	\$61,740.00	\$12,485.00	\$62,425.00
1235G	1	EA	5-ft x 5-ft Manhole with Sluice Gate	\$9,000.00	\$9,000.00	\$60,760.00	\$60,760.00	\$103,883.71	\$103,883.71
1235S	1	EA	5-ft x 5-ft Manhole with Special Y Inlet	\$6,000.00	\$6,000.00	\$46,060.00	\$46,060.00	\$177,260.71	\$177,260.71
1237	5	EA	7-ft x 7-ft Type B Manhole	\$14,000.00	\$70,000.00	\$24,500.00	\$122,500.00	\$135,649.38	\$678,246.90
1238A1	1	LS	Junction Structure A1 with Manhole	\$65,000.00	\$65,000.00	\$451,800.00	\$451,800.00	\$844,861.58	\$844,861.58
1238C1	1	LS	Junction Structure C1 with Manhole	\$32,000.00	\$32,000.00	\$330,100.00	\$330,100.00	\$587,614.80	\$587,614.80
1238D1A	1	LS	Junction Structure D1A with Manhole	\$101,000.00	\$101,000.00	\$527,300.00	\$527,300.00	\$918,042.81	\$918,042.81
1238D2	1	LS	Inlet Structure D2	\$20,000.00	\$20,000.00	\$263,300.00	\$263,300.00	\$220,752.81	\$220,752.81
1238E1	1	LS	Junction Structure E1 with Manhole	\$60,000.00	\$60,000.00	\$223,200.00	\$223,200.00	\$903,363.37	\$903,363.37
1238E2	1	LS	Inlet Structure E2 with Special Y Inlets	\$15,000.00	\$15,000.00	\$185,700.00	\$185,700.00	\$113,447.93	\$113,447.93

Tabulation of Bids

8 September 2017

MILL CREEK / PEAKS BRANCH / STATE THOMAS DRAINAGE RELIEF PROJECT

Project Numbers: PB06T523, PB06T524, PB06T525, PB06T536, TW12S769

DWU Contract Numbers: 15-387F / 15-388F

Files Numbers: 421Q-5780; 411-1929K

				Southland Mole JV		Michels Tunneling		C.M.C. di Ravenna	
				608 Henrietta Creek Road		16500 W. Rogers Drive		76, Via Trieste	
				Roanoke, TX 76262		New Berlin, WI 53151		Ravenna, Italy 48122	
Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1246	50	EA	Pipe to Pipe Connection	\$1,000.00	\$50,000.00	\$2,450.00	\$122,500.00	\$1,320.00	\$66,000.00
1247	30	EA	Pipe to Structure Connection	\$1,500.00	\$45,000.00	\$5,390.00	\$161,700.00	\$2,145.00	\$64,350.00
1253	5	EA	Adjust Storm Manhole	\$200.00	\$1,000.00	\$1,470.00	\$7,350.00	\$1,320.00	\$6,600.00
1310P	50	CY	Reinf Conc Bulkhead Wall	\$400.00	\$20,000.00	\$1,421.00	\$71,050.00	\$2,000.00	\$100,000.00
1310Z	200	CY	Reinforced Structural Concrete	\$600.00	\$120,000.00	\$726.00	\$145,200.00	\$2,000.00	\$400,000.00
1332	500	CY	Grouted Rock Riprap	\$80.00	\$40,000.00	\$216.00	\$108,000.00	\$222.22	\$111,110.00
1350	14,000	SF	Articulated Concrete Block Mattress	\$7.00	\$98,000.00	\$16.00	\$224,000.00	\$20.00	\$280,000.00
1418	6,500	LF	Trench Excavation Safety and Support	\$1.00	\$6,500.00	\$7.00	\$45,500.00	\$1.65	\$10,725.00
1504	30	EA	Remove Manhole	\$500.00	\$15,000.00	\$1,176.00	\$35,280.00	\$2,200.00	\$66,000.00
1505	70	EA	Remove Inlets	\$500.00	\$35,000.00	\$1,176.00	\$82,320.00	\$1,100.00	\$77,000.00
1610A	3,300	LF	Remove and Dispose Reinforced Concrete Pipe	\$10.00	\$33,000.00	\$30.00	\$99,000.00	\$38.50	\$127,050.00
1610B	160	LF	Remove and Dispose Reinforced Concrete Box/Horseshoe	\$30.00	\$4,800.00	\$490.00	\$78,400.00	\$319.00	\$51,040.00
1640	500	EA	Remove and Replace Sprinkler Heads	\$100.00	\$50,000.00	\$66.00	\$33,000.00	\$67.68	\$33,840.00
1650	6,300	LF	Television Inspection (Storm Sewer)	\$2.00	\$12,600.00	\$3.00	\$18,900.00	\$3.30	\$20,790.00
1652	100	EA	Locate Utility not Under Pavement	\$300.00	\$30,000.00	\$1,265.00	\$126,500.00	\$825.00	\$82,500.00
1653	100	EA	Locate Utility Under Concrete Pavement	\$400.00	\$40,000.00	\$1,862.00	\$186,200.00	\$825.00	\$82,500.00
1654	100	EA	Locate Utility Under Asphalt Pavement	\$400.00	\$40,000.00	\$1,862.00	\$186,200.00	\$825.00	\$82,500.00
1714F	70	LF	18" Diameter Belled Pier	\$70.00	\$4,900.00	\$188.00	\$13,160.00	\$100.00	\$7,000.00
1715F	200	LF	24" Diameter Belled Pier	\$90.00	\$18,000.00	\$268.00	\$53,600.00	\$100.00	\$20,000.00
1951	50	LF	7'x3' Reinforced Concrete Box	\$300.00	\$15,000.00	\$554.00	\$27,700.00	\$1,446.29	\$72,314.50
1953	120	LF	7'x5' Reinforced Concrete Box	\$500.00	\$60,000.00	\$637.00	\$76,440.00	\$787.82	\$94,538.40
1953D	50	LF	Double 7'x5' Reinforced Concrete Box	\$800.00	\$40,000.00	\$6,076.00	\$303,800.00	\$2,605.98	\$130,299.00
1977	2,400	LF	9'x9' Reinforced Concrete Box	\$690.00	\$1,656,000.00	\$1,029.00	\$2,469,600.00	\$1,844.25	\$4,426,200.00
1988D	110	LF	Double 10'x10' Reinforced Concrete Box	\$1,570.00	\$172,700.00	\$6,958.00	\$765,380.00	\$5,659.18	\$622,509.80
1991D	40	LF	Double 11'x12' Reinforced Concrete Box	\$1,780.00	\$71,200.00	\$13,622.00	\$544,880.00	\$20,567.50	\$822,700.00
1998	330	LF	12'x12' Reinforced Concrete Box	\$1,390.00	\$458,700.00	\$6,870.00	\$2,267,100.00	\$6,104.75	\$2,014,567.50
4009B	1,400	SF	Stone Veneer	\$12.00	\$16,800.00	\$23.00	\$32,200.00	\$23.23	\$32,522.00
4009C	400	LF	Cast Stone Cap	\$25.00	\$10,000.00	\$49.00	\$19,600.00	\$50.51	\$20,204.00
20330	5	EA	Adjustment of Water Valve Covers and Valve Stacks	\$100.00	\$500.00	\$1,164.00	\$5,820.00	\$605.00	\$3,025.00
20340	5	EA	Adjustment Wastewater Lateral Cleanout	\$100.00	\$500.00	\$1,940.00	\$9,700.00	\$770.00	\$3,850.00

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Total for Items on SCHEDULE 1 BASE BID: PROJECT-WIDE ITEMS\$203,665,870.00\$215,714,650.00\$229,350,130.11  
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SCHEDULE 2 BASE BID: WATER MAIN

1500H	100	LF	6" Ductile Iron Water Pipe	\$55.00	\$5,500.00	\$248.00	\$24,800.00	\$159.50	\$15,950.00
1500J	1,000	LF	8" Ductile Iron Water Pipe	\$65.00	\$65,000.00	\$233.00	\$233,000.00	\$165.00	\$165,000.00
1800H	100	LF	6" PVC Water Pipe	\$50.00	\$5,000.00	\$291.00	\$29,100.00	\$143.00	\$14,300.00
1800J	3,600	LF	8" PVC Water Pipe	\$55.00	\$198,000.00	\$194.00	\$698,400.00	\$126.50	\$455,400.00
1800L	600	LF	12" PVC Water Pipe	\$65.00	\$39,000.00	\$272.00	\$163,200.00	\$170.50	\$102,300.00
1801H	50	LF	6" PVC Water Pipe with Nitrile Gaskets	\$55.00	\$2,750.00	\$306.00	\$15,300.00	\$148.50	\$7,425.00

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8 September 2017

MILL CREEK / PEAKS BRANCH / STATE THOMAS DRAINAGE RELIEF PROJECT

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DWU Contract Numbers: 15-387F / 15-388F

Files Numbers: 421Q-5780; 411-1929K

				Southland Mole JV		Michels Tunneling		C.M.C. di Ravenna	
				608 Henrietta Creek Road Roanoke, TX 76262		16500 W. Rogers Drive New Berlin, WI 53151		76, Via Trieste Ravenna, Italy 48122	
Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
1801J	350	LF	8" PVC Water Pipe with Nitrile Gaskets	\$60.00	\$21,000.00	\$237.00	\$82,950.00	\$154.00	\$53,900.00
5020	5	TON	Extra Iron Fittings	\$2,500.00	\$12,500.00	\$4,850.00	\$24,250.00	\$7,700.00	\$38,500.00
5043D	5	EA	2" New Irrigation Service	\$1,500.00	\$7,500.00	\$11,640.00	\$58,200.00	\$8,580.00	\$42,900.00
5050	130	EA	Water Service	\$750.00	\$97,500.00	\$2,813.00	\$365,690.00	\$3,520.00	\$457,600.00
5091	10	EA	Install Fire Hydrant	\$2,500.00	\$25,000.00	\$5,335.00	\$53,350.00	\$5,500.00	\$55,000.00
5092	5	EA	Remove Existing Fire Hydrant	\$500.00	\$2,500.00	\$1,092.00	\$5,460.00	\$1,182.50	\$5,912.50
5093	5	EA	Deliver Fire Hydrant	\$100.00	\$500.00	\$185.00	\$925.00	\$247.50	\$1,237.50
5094	5	EA	Relocate Fire Hydrant	\$1,000.00	\$5,000.00	\$3,783.00	\$18,915.00	\$1,650.00	\$8,250.00
5100H	10	EA	6" Gate Valve	\$300.00	\$3,000.00	\$1,892.00	\$18,920.00	\$1,870.00	\$18,700.00
5100J	40	EA	8" Gate Valve	\$500.00	\$20,000.00	\$2,328.00	\$93,120.00	\$2,420.00	\$96,800.00
5100L	10	EA	12" Gate Valve	\$750.00	\$7,500.00	\$3,395.00	\$33,950.00	\$4,070.00	\$40,700.00
5101H	5	EA	6" Gate Valve with Nitrile Gaskets	\$400.00	\$2,000.00	\$2,159.00	\$10,795.00	\$1,980.00	\$9,900.00
5101J	5	EA	8" Gate Valve with Nitrile Gaskets	\$600.00	\$3,000.00	\$2,425.00	\$12,125.00	\$2,420.00	\$12,100.00
5500J	200	LF	8" Water Main (BOTOC)	\$150.00	\$30,000.00	\$1,067.00	\$213,400.00	\$1,210.00	\$242,000.00
5560J	130	LF	8" Water Main Crossing (By Open Cut)	\$100.00	\$13,000.00	\$199.00	\$25,870.00	\$148.50	\$19,305.00
5600	30	EA	Cut and Plug Existing Water Main	\$150.00	\$4,500.00	\$1,223.00	\$36,690.00	\$863.50	\$25,905.00
5755D	5	EA	2" Automated Flush Point	\$300.00	\$1,500.00	\$10,670.00	\$53,350.00	\$13,200.00	\$66,000.00
5801D	5	EA	2" Water Deadhead Connection	\$300.00	\$1,500.00	\$6,596.00	\$32,980.00	\$6,820.00	\$34,100.00
6925	5,700	LF	Trench Excavation Safety & Support	\$1.00	\$5,700.00	\$2.00	\$11,400.00	\$8.25	\$47,025.00
7030	40	CY	Rock Foundation	\$20.00	\$800.00	\$84.00	\$3,360.00	\$220.00	\$8,800.00
7041	40	CY	Flowable Backfill	\$55.00	\$2,200.00	\$147.00	\$5,880.00	\$302.50	\$12,100.00
7050	40	CY	Sand Backfill	\$7.00	\$280.00	\$49.00	\$1,960.00	\$104.50	\$4,180.00
7071	130	CY	Class "B" Concrete	\$80.00	\$10,400.00	\$221.00	\$28,730.00	\$319.00	\$41,470.00
7520	210	TON	Temp. Paving (Hot Mix or High Performance Mix)	\$60.00	\$12,600.00	\$221.00	\$46,410.00	\$227.27	\$47,726.70
7530	150	LF	Concrete Curb and/or Gutter	\$4.00	\$600.00	\$54.00	\$8,100.00	\$40.00	\$6,000.00
7560	300	CY	Crushed Rock for Temporary Paving Base	\$17.00	\$5,100.00	\$69.00	\$20,700.00	\$70.71	\$21,213.00
7580	110	SY	Reinforced Concrete Sidewalk	\$30.00	\$3,300.00	\$84.00	\$9,240.00	\$54.00	\$5,940.00
7590	70	CY	Reinforced Concrete Driveway	\$200.00	\$14,000.00	\$549.00	\$38,430.00	\$400.00	\$28,000.00
7600	1,100	CY	Reinforced Concrete Base	\$200.00	\$220,000.00	\$471.00	\$518,100.00	\$350.00	\$385,000.00
7655	480	TON	Hot Mix Asphalt Concrete Pavement	\$80.00	\$38,400.00	\$216.00	\$103,680.00	\$222.22	\$106,665.60
7730	1	LS	Disposal of Heavily Chlorinated Water Main Flushing Water	\$5,000.00	\$5,000.00	\$4,850.00	\$4,850.00	\$5,000.00	\$5,000.00
7765	250	CY	Disposal of Class I Non-Hazardous Industrial Waste Soils	\$41.00	\$10,250.00	\$54.00	\$13,500.00	\$20.00	\$5,000.00
7766	250	CY	Disposal of Class II Non-Hazardous Industrial Waste Soils	\$37.00	\$9,250.00	\$29.00	\$7,250.00	\$500.00	\$125,000.00
7767	3,000	GAL	Disposal of Contaminated Groundwater	\$1.00	\$3,000.00	\$6.00	\$18,000.00	\$5.00	\$15,000.00
7768	1	LS	Health, Safety, and Monitoring Plan	\$5,000.00	\$5,000.00	\$100,000.00	\$100,000.00	\$10,000.00	\$10,000.00
300049T	15	CY	Clay-Rich Soil Backfill	\$20.00	\$300.00	\$98.00	\$1,470.00	\$30.00	\$450.00
Total for Items on SCHEDULE 2 BASE BID: WATER MAIN					\$918,930.00		\$3,245,800.00		\$2,863,755.30

Tabulation of Bids

8 September 2017

MILL CREEK / PEAKS BRANCH / STATE THOMAS DRAINAGE RELIEF PROJECT

Project Numbers: PB06T523, PB06T524, PB06T525, PB06T536, TW12S769

DWU Contract Numbers: 15-387F / 15-388F

Files Numbers: 421Q-5780; 411-1929K

				Southland Mole JV		Michels Tunneling		C.M.C. di Ravenna	
				608 Henrietta Creek Road Roanoke, TX 76262		16500 W. Rogers Drive New Berlin, WI 53151		76, Via Trieste Ravenna, Italy 48122	
Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
SCHEDULE 3 BASE BID: WATER ADJUSTMENT									
20300	130	EA	Adjustment and/or Relocation Of Water Meter Box	\$200.00	\$26,000.00	\$970.00	\$126,100.00	\$687.50	\$89,375.00
20330	50	EA	Adjustment of Water Valve Covers and Valve Stacks	\$50.00	\$2,500.00	\$485.00	\$24,250.00	\$770.00	\$38,500.00
20400	10	EA	Adjustment of Flush Point	\$100.00	\$1,000.00	\$1,043.00	\$10,430.00	\$770.00	\$7,700.00
20430	10	EA	Install Fire Hydrant Extension	\$500.00	\$5,000.00	\$864.00	\$8,640.00	\$1,650.00	\$16,500.00
20440	10	EA	Remove Fire Hydrant Extension	\$200.00	\$2,000.00	\$243.00	\$2,430.00	\$1,265.00	\$12,650.00
20500	20	EA	Investigation	\$1,000.00	\$20,000.00	\$4,850.00	\$97,000.00	\$1,815.00	\$36,300.00
Total for Items on SCHEDULE 3 BASE BID: WATER ADJUSTMENT					\$56,500.00		\$268,850.00		\$201,025.00
SCHEDULE 4 BASE BID: WASTEWATER MAIN									
3110J	2,700	LF	8" PVC Pressure Rated Wastewater Pipe	\$60.00	\$162,000.00	\$180.00	\$486,000.00	\$101.75	\$274,725.00
3110L	1,000	LF	12" PVC Pressure Rated Wastewater Pipe	\$85.00	\$85,000.00	\$262.00	\$262,000.00	\$137.50	\$137,500.00
3120Q	600	LF	16" PVC Pressure Rated Wastewater Pipe	\$105.00	\$63,000.00	\$291.00	\$174,600.00	\$198.00	\$118,800.00
3120R	200	LF	18" PVC Pressure Rated Wastewater Pipe	\$120.00	\$24,000.00	\$350.00	\$70,000.00	\$242.00	\$48,400.00
3120W	50	LF	27" PVC Pressure Rated Wastewater Pipe	\$190.00	\$9,500.00	\$1,843.00	\$92,150.00	\$665.50	\$33,275.00
3450AA	1,910	LF	36" HDPE OR RTRP Wastewater Pipe	\$230.00	\$439,300.00	\$607.00	\$1,159,370.00	\$434.50	\$829,895.00
3520J	170	LF	Rehabilitation of Existing 8" Wastewater Main	\$100.00	\$17,000.00	\$510.00	\$86,700.00	\$132.00	\$22,440.00
3540J	5	EA	Point Repair of 8" Wastewater Main	\$1,500.00	\$7,500.00	\$1,455.00	\$7,275.00	\$2,695.00	\$13,475.00
3560	10	EA	Connection to Existing Manhole	\$500.00	\$5,000.00	\$4,171.00	\$41,710.00	\$1,925.00	\$19,250.00
3700AAX	1,420	LF	36" Extra Depth Wastewater Pipe (+20')	\$250.00	\$355,000.00	\$97.00	\$137,740.00	\$495.00	\$702,900.00
5990J	40	LF	8" Wastewater Main (BOTOC)	\$130.00	\$5,200.00	\$1,310.00	\$52,400.00	\$1,182.00	\$47,280.00
5990L	30	LF	12" Wastewater Main (BOTOC)	\$150.00	\$4,500.00	\$2,037.00	\$61,110.00	\$1,375.00	\$41,250.00
5990R	30	LF	18" Wastewater Main (BOTOC)	\$190.00	\$5,700.00	\$1,940.00	\$58,200.00	\$1,391.50	\$41,745.00
6050J	100	LF	8" Wastewater Main Crossing (By Open Cut)	\$90.00	\$9,000.00	\$786.00	\$78,600.00	\$203.50	\$20,350.00
6050L	20	LF	12" Wastewater Main Crossing (By Open Cut)	\$120.00	\$2,400.00	\$301.00	\$6,020.00	\$203.50	\$4,070.00
6050Q	20	LF	16" Wastewater Main Crossing (By Open Cut)	\$140.00	\$2,800.00	\$340.00	\$6,800.00	\$247.50	\$4,950.00
6050AA	20	LF	36" Wastewater Main Crossing (By Open Cut)	\$300.00	\$6,000.00	\$291.00	\$5,820.00	\$594.00	\$11,880.00
6060	100	EA	Wastewater Lateral	\$1,000.00	\$100,000.00	\$2,425.00	\$242,500.00	\$3,080.00	\$308,000.00
6070	5	EA	External Lateral Connection	\$700.00	\$3,500.00	\$2,328.00	\$11,640.00	\$2,090.00	\$10,450.00
6100	10	EA	Wastewater Access Device	\$2,000.00	\$20,000.00	\$4,850.00	\$48,500.00	\$4,290.00	\$42,900.00
6110AE	15	EA	48" Diameter Drop Connection Manhole	\$3,000.00	\$45,000.00	\$13,580.00	\$203,700.00	\$11,137.50	\$167,062.50
6110AJ	1	EA	72" Diameter Drop Connection Manhole	\$6,500.00	\$6,500.00	\$33,950.00	\$33,950.00	\$44,000.00	\$44,000.00
6130AE	30	EA	48" Diameter Wastewater Manhole	\$2,700.00	\$81,000.00	\$11,883.00	\$356,490.00	\$9,185.00	\$275,550.00
6130AJ	5	EA	72" Diameter Wastewater Manhole	\$6,000.00	\$30,000.00	\$26,675.00	\$133,375.00	\$19,250.00	\$96,250.00
6130AN	2	EA	96" Diameter Wastewater Manhole	\$10,000.00	\$20,000.00	\$49,470.00	\$98,940.00	\$36,025.00	\$72,050.00
6140	20	EA	Abandon Existing Manhole	\$200.00	\$4,000.00	\$3,298.00	\$65,960.00	\$1,045.00	\$20,900.00
6141	60	EA	Vacuum Test for Wastewater Manhole	\$200.00	\$12,000.00	\$194.00	\$11,640.00	\$214.50	\$12,870.00
6150AE	1	EA	48" Diameter Manhole Rehabilitation	\$1,500.00	\$1,500.00	\$7,275.00	\$7,275.00	\$7,040.00	\$7,040.00
6160	2	EA	5'x5' Special Manhole (Sheet 15 & 15A Station 0+00 & 0+45)	\$3,500.00	\$7,000.00	\$29,876.00	\$59,752.00	\$4,675.00	\$9,350.00



Tabulation of Bids

8 September 2017

MILL CREEK / PEAKS BRANCH / STATE THOMAS DRAINAGE RELIEF PROJECT

Project Numbers: PB06T523, PB06T524, PB06T525, PB06T536, TW12S769

DWU Contract Numbers: 15-387F / 15-388F

Files Numbers: 421Q-5780; 411-1929K

				Southland Mole JV		Michels Tunneling		C.M.C. di Ravenna	
				608 Henrietta Creek Road		16500 W. Rogers Drive		76, Via Trieste	
				Roanoke, TX 76262		New Berlin, WI 53151		Ravenna, Italy 48122	
Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
6921	12,600	LF	Television Inspection	\$2.00	\$25,200.00	\$3.00	\$37,800.00	\$2.75	\$34,650.00
6925	6,200	LF	Trench Excavation Safety & Support	\$1.00	\$6,200.00	\$3.00	\$18,600.00	\$1.65	\$10,230.00
6980J	30	LF	8" Encasement Through Storm Sewer	\$130.00	\$3,900.00	\$277.00	\$8,310.00	\$357.50	\$10,725.00
6980L	60	LF	12" Encasement Through Storm Sewer	\$150.00	\$9,000.00	\$243.00	\$14,580.00	\$291.50	\$17,490.00
6980Q	50	LF	16" Encasement Through Storm Sewer	\$200.00	\$10,000.00	\$340.00	\$17,000.00	\$357.50	\$17,875.00
6980AA	50	LF	36" Encasement Through Storm Sewer	\$290.00	\$14,500.00	\$355.00	\$17,750.00	\$594.00	\$29,700.00
7030	250	CY	Rock Foundation	\$20.00	\$5,000.00	\$84.00	\$21,000.00	\$209.00	\$52,250.00
7041	250	CY	Flowable Backfill	\$55.00	\$13,750.00	\$172.00	\$43,000.00	\$247.50	\$61,875.00
7050	250	CY	Sand Backfill	\$7.00	\$1,750.00	\$55.00	\$13,750.00	\$60.50	\$15,125.00
7520	300	TON	Temp. Paving (Hot Mix or High Performance Mix)	\$60.00	\$18,000.00	\$221.00	\$66,300.00	\$70.71	\$21,213.00
7530	250	LF	Concrete Curb and/or Gutter	\$4.00	\$1,000.00	\$54.00	\$13,500.00	\$40.00	\$10,000.00
7560	450	CY	Crushed Rock for Temporary Paving Base	\$20.00	\$9,000.00	\$69.00	\$31,050.00	\$70.71	\$31,819.50
7580	200	SY	Reinforced Concrete Sidewalk	\$30.00	\$6,000.00	\$84.00	\$16,800.00	\$54.00	\$10,800.00
7590	250	CY	Reinforced Concrete Driveway	\$200.00	\$50,000.00	\$549.00	\$137,250.00	\$400.00	\$100,000.00
7600	1,050	CY	Reinforced Concrete Base	\$200.00	\$210,000.00	\$471.00	\$494,550.00	\$350.00	\$367,500.00
7655	460	TON	Hot Mix Asphalt Concrete Pavement	\$80.00	\$36,800.00	\$216.00	\$99,360.00	\$222.22	\$102,221.20
7765	800	CY	Disposal of Class I Non-Hazardous Industrial Waste Soils	\$41.00	\$32,800.00	\$54.00	\$43,200.00	\$80.00	\$64,000.00
7766	800	CY	Disposal of Class II Non-Hazardous Industrial Waste Soils	\$37.00	\$29,600.00	\$29.00	\$23,200.00	\$100.00	\$80,000.00
7767	4,500	GAL	Disposal of Contaminated Groundwater	\$1.00	\$4,500.00	\$6.00	\$27,000.00	\$5.00	\$22,500.00
300049T	40	CY	Clay-Rich Soil Backfill	\$20.00	\$800.00	\$98.00	\$3,920.00	\$30.00	\$1,200.00
Total for Items on SCHEDULE 4 BASE BID: WASTEWATER MAIN					\$2,021,200.00		\$5,208,137.00		\$4,499,781.20
SCHEDULE 5 BASE BID: WASTEWATER ADJUSTMENT									
20340	100	EA	Adjustment Wastewater Lateral Cleanout	\$100.00	\$10,000.00	\$970.00	\$97,000.00	\$467.50	\$46,750.00
20351	10	EA	Adjustment Wastewater Access Device	\$100.00	\$1,000.00	\$2,425.00	\$24,250.00	\$484.00	\$4,840.00
20360	60	EA	Adjustment of Wastewater Manholes	\$150.00	\$9,000.00	\$1,795.00	\$107,700.00	\$797.50	\$47,850.00
20500	30	EA	Investigation	\$500.00	\$15,000.00	\$6,000.00	\$180,000.00	\$1,688.50	\$50,655.00
20560	10	EA	Alter Wastewater Manhole	\$250.00	\$2,500.00	\$2,425.00	\$24,250.00	\$808.50	\$8,085.00
Total for Items on SCHEDULE 5 BASE BID: WASTEWATER ADJUSTMENT					\$37,500.00		\$433,200.00		\$158,180.00

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MILL CREEK / PEAKS BRANCH / STATE THOMAS DRAINAGE RELIEF PROJECT

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DWU Contract Numbers: 15-387F / 15-388F

Files Numbers: 421Q-5780; 411-1929K

				Southland Mole JV		Michels Tunneling		C.M.C. di Ravenna	
				608 Henrietta Creek Road Roanoke, TX 76262		16500 W. Rogers Drive New Berlin, WI 53151		76, Via Trieste Ravenna, Italy 48122	
Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
SCHEDULE 6 DEDUCTIVE BID ALTERNATIVE 1: DELETE STATE THOMAS EXTENSION									
2	1	LS	Delete Tunnel From Station 218+90 to Station 271+85 and associated elements	\$7,089,877.00	\$7,089,877.00	\$10,102,290.00	\$10,102,290.00	\$12,922,000.00	\$12,922,000.00
Total for Items on SCHEDULE 6 DEDUCTIVE BID ALTERNATIVE 1: DELETE STATE THOMAS EXTENSION					(\$7,089,877.00)		(\$10,102,290.00)		(\$12,922,000.00)
SCHEDULE 7 DEDUCTIVE BID ALTERNATIVE NO. 2: DELETE SITE C - PB AT HILL AVE.									
3	1	LS	Delete Intake C Drop Shaft, Tunnel Lateral C – Excavation, Support and Concrete Lining and Intake Structure C	\$1,961,160.00	\$1,961,160.00	\$3,495,160.00	\$3,495,160.00	\$5,400,000.00	\$5,400,000.00
Total for Items on SCHEDULE 7 DEDUCTIVE BID ALTERNATIVE NO. 2: DELETE SITE C - PB AT HILL AVE.					(\$1,961,160.00)		(\$3,495,160.00)		(\$5,400,000.00)
SCHEDULE 8 DEDUCTIVE BID ALTERNATIVE NO. 3: DELETE DEWATERING STN. SHAFT									
4	1	LS	Delete Dewatering Station Shaft P	\$750,000.00	\$750,000.00	\$1,338,227.00	\$1,338,227.00	\$2,138,000.00	\$2,138,000.00
Total for Items on SCHEDULE 8 DEDUCTIVE BID ALTERNATIVE NO. 3: DELETE DEWATERING STN. SHAFT					(\$750,000.00)		(\$1,338,227.00)		(\$2,138,000.00)
SCHEDULE 9 DEDUCTIVE BID ALTERNATIVE NO. 4: DELETE DEWATERING STATION									
5	1	LS	Delete Dewatering Station	\$5,342,000.00	\$5,342,000.00	\$1,584,619.00	\$1,584,619.00	\$5,424,000.00	\$5,424,000.00
Total for Items on SCHEDULE 9 DEDUCTIVE BID ALTERNATIVE NO. 4: DELETE DEWATERING STATION					(\$5,342,000.00)		(\$1,584,619.00)		(\$5,424,000.00)

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				Southland Mole JV		Michels Tunneling		C.M.C. di Ravenna	
				608 Henrietta Creek Road		16500 W. Rogers Drive		76, Via Trieste	
				Roanoke, TX 76262		New Berlin, WI 53151		Ravenna, Italy 48122	
Item No	Qty	Unit	Description	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
Total for SCHEDULE 1 BASE BID: PROJECT-WIDE ITEMS					\$203,665,870.00		\$215,714,650.00		\$229,350,130.11
Total for SCHEDULE 2 BASE BID: WATER MAIN					\$918,930.00		\$3,245,800.00		\$2,863,755.30
Total for SCHEDULE 3 BASE BID: WATER ADJUSTMENT					\$56,500.00		\$268,850.00		\$201,025.00
Total for SCHEDULE 4 BASE BID: WASTEWATER MAIN					\$2,021,200.00		\$5,208,137.00		\$4,499,781.20
Total for SCHEDULE 5 BASE BID: WASTEWATER ADJUSTMENT					\$37,500.00		\$433,200.00		\$158,180.00
Total for SCHEDULES 1, 2, 3, 4 and 5					\$206,700,000.00		\$224,870,637.00		\$237,072,871.61
Total for SCHEDULE 6 DEDUCTIVE BID ALTERNATIVE 1: DELETE STATE THOMAS EXTENSION					(\$7,089,877.00)		(\$10,102,290.00)		(\$12,922,000.00)
Total for SCHEDULE 7 DEDUCTIVE BID ALTERNATIVE NO. 2: DELETE SITE C - PB AT HILL AVE.					(\$1,961,160.00)		(\$3,495,160.00)		(\$5,400,000.00)
Total for SCHEDULE 8 DEDUCTIVE BID ALTERNATIVE NO. 3: DELETE DEWATERING STN. SHAFT					(\$750,000.00)		(\$1,338,227.00)		(\$2,138,000.00)
Total for SCHEDULE 9 DEDUCTIVE BID ALTERNATIVE NO. 4: DELETE DEWATERING STATION					(\$5,342,000.00)		(\$1,584,619.00)		(\$5,424,000.00)
PROJECT TOTAL (SCHEDULES 1, 2, 3, 4 and 5)					\$206,700,000.00		\$224,870,637.00		\$237,072,871.61

The OWNER reserves the right to select or not select Deductive Bid Alternatives.