

City of Tukwila
2015 Central Business District Sewer Rehabilitation and Sewer Manhole Rehabilitation

CONTRACT 1 - BASE BID - 2015 CENTRAL BUSINESS DISTRICT SEWER REHABILITATION (CURED-IN-PLACE PIPE)

Item No.	Item Description	Engineer's Estimate				Michels Corporation	
		Quantity	Unit	Unit Price	Engineer's Amount	Unit Price	Amount
1.1	Mobilization	1	LS	\$43,800	\$ 43,800	\$ 22,465.00	\$ 22,465.00
1.2	Traffic Control – Flagger Labor (Minimum Bid of \$36.17)	208	HR	68	14,040	62.25	12,948.00
1.3	Traffic Control - Off-Duty Uniformed Police Officer	32	HR	72	2,304	72.00	2,304.00
1.4	Project Temporary Traffic Control	1	LS	22,400	22,400	30,250.00	30,250.00
1.5	Pre-Cleaning Video Inspection	1	LS	8,200	8,200	12,120.00	12,120.00
1.6	Clean and Prep Sewer Prior to Construction	1	LS	16,300	16,300	20,619.00	20,619.00
1.7	Video Inspection Prior to Construction	1	LS	8,200	8,200	13,357.00	13,357.00
1.8	Provide, Install, and Manage Wastewater Bypasses	1	LS	22,800	22,800	7,992.00	7,992.00
1.9	8-inch Main Line Cured-in-Place-Pipe (CIPP)	4,986	LF	45	224,370	36.00	179,496.00
1.10	12-inch Main Line Cured-in-Place-Pipe (CIPP)	1,524	LF	60	91,440	45.00	68,580.00
1.11	8-inch Main Line Cured-in-Place-Pipe (CIPP) Pre-liner	750	LF	6	4,500	2.00	1,500.00
1.12	12-inch Main Line Cured-in-Place-Pipe (CIPP) Pre-liner	230	LF	10	2,300	3.00	690.00
1.13	Trenchless Lateral and Outside Manhole Drop Connection						
	Reinstatement and Packer Injection Grouting	14	EA	700	9,800	903.00	12,642.00
1.14	Force Account - Additional Clean and Prep of Sewer Prior to Construction	15	HR	750	11,250	535.00	8,025.00
Subtotal					\$ 481,704.00		\$ 392,988.00
9.5% Sales Tax					45,761.88		37,333.86
Contract 1 - Base Bid					\$ 527,465.88		\$ 430,321.86

CONTRACT 1 - BID ALTERNATE NO. 1 - 2015 CENTRAL BUSINESS DISTRICT SEWER REHABILITATION (CURED-IN-PLACE PIPE)

Item No.	Item Description	Engineer's Estimate				Michels Corporation		
		Quantity	Unit	Unit Price	Engineer's Amount	Unit Price	Amount	
1.A1	Mobilization	1	LS	\$10,700	\$ 10,700	\$ 2,806.00	\$ 2,806.00	
1.A2	Traffic Control – Flagger Labor (Minimum Bid of \$36.17)	64	HR	68	4,320.00	62.25	3,984.00	
1.A3	Project Temporary Traffic Control	1	LS	7,400	7,400.00	3,660.00	3,660.00	
1.A4	Pre-Cleaning Video Inspection	1	LS	2,100	2,100.00	4,550.00	4,550.00	
1.A5	Clean and Prep Sewer Prior to Construction	1	LS	4,100	4,100.00	5,387.00	5,387.00	
1.A6	Video Inspection Prior to Construction	1	LS	2,100	2,100.00	3,400.00	3,400.00	
1.A7	Provide, Install, and Manage Wastewater Bypasses	1	LS	5,700	5,700.00	4,058.00	4,058.00	
1.A8	8-inch Main Line Cured-in-Place-Pipe (CIPP)	1,608	LF	45	72,360.00	33.50	53,868.00	
1.A9	8-inch Main Line Cured-in-Place-Pipe (CIPP) Pre-liner	240	LF	6	1,440.00	2.00	480.00	
1.A10	Trenchless Lateral and Outside Manhole Drop Connection							
	Reinstatement and Packer Injection Grouting	4	EA	700	2,800.00	1,190.00	4,760.00	
1.A11	Force Account - Additional Clean and Prep of Sewer Prior to Construction	5	HR	750	3,750.00	535.00	2,675.00	
Subtotal					\$ 116,770.00		\$ 89,628.00	
9.5% Sales Tax					11,093.15		8,514.66	
Contract 1 - Bid Alternate No. 1					\$ 127,863.15		\$ 98,142.66	
								\$ 528,464.52

CONTRACT 2 - 2015 SEWER MANHOLE REHABILITATION

Item No.	Item Description	Engineer's Estimate				Olson Bros Pro Vac		Realm		RI Alia		Road Construction NW	
		Quantity	Unit	Unit Price	Engineer's Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
2.1	Mobilization/Demobilization	1	LS	\$8,000	\$ 8,000	\$ 1,600.00	\$ 1,600.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 17,000.00	\$ 17,000.00
2.2	Traffic Control – Flagger Labor (Minimum Bid of \$36.17)	114	HR	\$67.50	7,695	68.90	7,854.60	50.00	5,700.00	37.00	4,218.00	60.00	6,840.00
2.3	Traffic Control - Off-Duty Uniformed Police Officer	48	HR	\$72	3,456	72.00	3,456.00	72.00	3,456.00	72.00	3,456.00	72.00	3,456.00
2.4	Project Temporary Traffic Control	1	LS	\$13,800	13,800	16,250.00	16,250.00	3,900.00	3,900.00	3,000.00	3,000.00	3,000.00	3,000.00
2.5	Temporary Erosion Control	1	LS	\$5,000	5,000	100.00	100.00	975.00	975.00	500.00	500.00	7,000.00	7,000.00
2.6	Provide, Install and Manage Wastewater Bypasses	1	LS	\$5,000	5,000	4,095.00	4,095.00	9,000.00	9,000.00	20,000.00	20,000.00	60,000.00	60,000.00
2.7	Rechannel Manhole	5	EA	\$1,200	6,000	960.00	4,800.00	1,040.00	5,200.00	4,000.00	20,000.00	1,300.00	6,500.00
2.8	MH Preparatory Work, Chemical Grouting, and Cementitious Grouting	9	EA	\$540	4,860	1,068.60	9,617.40	2,860.00	25,740.00	4,000.00	36,000.00	2,300.00	20,700.00
2.9	Manhole Coating	2	EA	\$3,500	7,000	1,800.00	3,600.00	3,800.00	7,600.00	9,000.00	18,000.00	7,700.00	15,400.00
2.10	Chip and Grout Pipe Penetrations (per Pipe Penetration)	12	EA	\$840	10,080	345.80	4,149.60	985.00	11,820.00	1,000.00	12,000.00	625.00	7,500.00
2.11	Root Control and Removal	3	EA	\$300	900	300.00	900.00	975.00	2,925.00	1,000.00	3,000.00	625.00	1,875.00
2.12	Remove Existing Drop Connection	2	EA	\$360	720	1,170.00	2,340.00	850.00	1,700.00	3,500.00	7,000.00	700.00	1,400.00
2.13	Install Drop Connection	3	EA	\$1,440	4,320	3,000.00	9,000.00	2,775.00	8,325.00	4,400.00	13,200.00	3,300.00	9,900.00
2.14	Remove and Replace Existing Ladder	2	EA	\$480	960	975.00	1,950.00	1,250.00	2,500.00	4,300.00	8,600.00	650.00	1,300.00
2.15	Remove and Replace Existing Ring and Cover	5	EA	\$1,000	5,000	5,148.00	25,740.00	3,600.00	18,000.00	900.00	4,500.00	750.00	3,750.00
2.16	Restoration	1	LS	\$3,000	3,000	500.00	500.00	2,500.00	2,500.00	5,000.00	5,000.00	7,000.00	7,000.00
Subtotal					\$ 85,791.00		\$ 95,952.60		\$ 119,341.00		\$ 163,474.00		\$ 172,621.00
9.5% Sales Tax					8,150.15		9,115.50		11,337.40		15,530.03		16,399.00
Contract 2 - Base Bid					\$ 93,941.15		\$ 105,068.10		\$ 130,678.40		\$ 179,004.03		\$ 189,020.00