2017-2018 Task Order Contract for Spin Cast Geopolymer Pipe Liner Projects

Bid Tabulation prepared by COSA - TCI

Bid Opening November 22, 2016

				Engineers Estimate		Quadex Lining Systems, LLC			National Works, Inc.		National Power Rodding Corp		Pronto Sandblasting & Coating & Oil Field Services Co. Inc.		Standard Cement Materials, Inc.	
Item No.	Description	Unit	Quantity	Unit Cost	Cost	Unit Cost	Cost	Percent Change	Unit Cost	Cost	Unit Cost	Cost	Unit Cost	Cost	Unit Cost	Cost
103.1	REMOVE CONCRETE CURB	LF	50	$ 3.50	$ 175.00	$ 22.40	$ 1,120.00	540.00	$ 50.00	$ 2,500.00	$ 4.20	$ 210.00	$ 1.00	$ 50.00	$ 30.00	$ 1,500.00
103.3	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS	SF	1,500	$ 4.71	$ 7,065.00	$ 4.60	$ 6,900.00 *	(2.34)	$ 25.00	$ 37,500.00	$ 5.40	$ 8,100.00	$ 2.00	$ 3,000.00	$ 11.00	$ 16,500.00
105.1	CHANNEL EXCAVATION	CY	50	$ 38.49	$ 1,924.50	$ 112.00	$ 5,600.00	190.98	$ 200.00	$ 10,000.00	$ 259.33	$ 12,966.50 *	$ 26.00	$ 1,300.00	$ 90.00	$ 4,500.00
107.1	EMBANKMENT (FINAL)(ORD COMP)(TY A)	CY	50	$ 17.40	$ 870.00	$ 56.00	$ 2,800.00	221.84	$ 200.00	$ 10,000.00	$ 268.00	$ 13,400.00 *	$ 18.00	$ 900.00	$ 90.00	$ 4,500.00
203.1	TACK COAT	GAL	20	$ 5.81	$ 116.20	$ 5.60	$ 112.00	(3.61)	$ 50.00	$ 1,000.00	$ 30.00	$ 600.00	$ 10.00	$ 200.00	$ 75.00	$ 1,500.00
205.4	HOT MIX ASPHALTIC CONC. PAVEMENT, TYPE D (2" COMP DEPTH)	SY	200	$ 11.62	$ 2,324.00	$ 45.92	$ 9,184.00	295.18	$ 75.00	$ 15,000.00	$ 240.00	$ 48,000.00	$ 45.00	$ 9,000.00	$ 55.00	$ 11,000.00
208.1	SALVAGING, HAULING AND STOCKPILING RECLAIMABLE ASPH. PAVEMENT (2" DEPTH)	SY	200	$ 8.44	$ 1,688.00	$ 8.40	$ 1,680.00	(0.47)	$ 50.00	$ 10,000.00	$ 48.00	$ 9,600.00	$ 25.00	$ 5,000.00	$ 80.00	$ 16,000.00
307.1	CONCRETE STRUCTURE (HEADWALLS OR OUTFALL STRUCTURES)	CY	5	$ 1,134.15	$ 5,670.75	$ 840.00	$ 4,200.00	(25.94)	$ 2,000.00	$ 10,000.00	$ 1,140.00	$ 5,700.00	$ 1,200.00	$ 6,000.00	$ 700.00	$ 3,500.00
413.1	FLOWABLE BACKFILL (HIGH STRENGTH)	CY	40	$ 141.06	$ 5,642.40	$ 594.00	$ 23,760.00	321.10	$ 200.00	$ 8,000.00	$ 193.50	$ 7,740.00	$ 800.00	$ 32,000.00	$ 350.00	$ 14,000.00
414	HEAVY DEBRIS REMOVAL (MAN ENTRY)	LF	150	$ 28.63	$ 4,294.50	$ 44.55	$ 6,682.50	55.61	$ 150.00	$ 22,500.00	$ 300.00	$ 45,000.00	$ 150.00	$ 22,500.00	$ 100.00	$ 15,000.00
415.1	30" STORM PIPE GEOPOLYMER LINING (1" DESIGN THICKNESS)	LF	250	$ 515.25	$ 128,812.50	$ 339.13	$ 84,782.50 *	(34.18)	$ 275.00	$ 68,750.00	$ 239.25	$ 59,812.50	$ 380.00	$ 95,000.00	$ 448.00	$ 112,000.00
415.2	36" STORM PIPE GEOPOLYMER LINING (1" DESIGN THICKNESS)	LF	500	$ 366.40	$ 183,200.00	$ 266.78	$ 133,390.00 *	(27.19)	$ 275.00	$ 137,500.00	$ 247.10	$ 123,550.00	$ 420.00	$ 210,000.00	$ 532.00	$ 266,000.00
415.3	42" STORM PIPE GEOPOLYMER LINING (1" DESIGN THICKNESS)	LF	1,000	$ 400.75	$ 400,750.00	$ 279.33	$ 279,330.00 *	(30.30)	$ 300.00	$ 300,000.00	$ 254.95	$ 254,950.00	$ 440.00	$ 440,000.00	$ 616.00	$ 616,000.00
415.4	48" STORM PIPE GEOPOLYMER LINING (1" DESIGN THICKNESS)	LF	260	$ 463.73	$ 120,569.80	$ 285.26	$ 74,167.60 *	(38.49)	$ 300.00	$ 78,000.00	$ 262.80	$ 68,328.00	$ 470.00	$ 122,200.00	$ 700.00	$ 182,000.00
415.5	54" STORM PIPE GEOPOLYMER LINING (1.5" DESIGN THICKNESS)	LF	260	$ 543.88	$ 141,408.80	$ 350.59	$ 91,153.40 *	(35.54)	$ 300.00	$ 78,000.00	$ 354.31	$ 92,120.60	$ 500.00	$ 130,000.00	$ 784.00	$ 203,840.00
415.6	60" STORM PIPE GEOPOLYMER LINING (1.5" DESIGN THICKNESS)	LF	500	$ 658.38	$ 329,190.00	$ 366.06	$ 183,030.00 *	(44.40)	$ 350.00	$ 175,000.00	$ 366.08	$ 183,040.00	$ 530.00	$ 265,000.00	$ 879.00	$ 439,500.00 *
415.7	66" STORM PIPE GEOPOLYMER LINING (1.5" DESIGN THICKNESS)	LF	1,000	$ 818.68	$ 818,680.00	$ 394.75	$ 394,750.00 *	(51.78)	$ 350.00	$ 350,000.00	$ 427.86	$ 427,860.00	$ 550.00	$ 550,000.00	$ 968.00	$ 968,000.00 *
415.8	72" STORM PIPE GEOPOLYMER LINING (1.5" DESIGN THICKNESS)	LF	150	$ 973.25	$ 145,987.50	$ 405.32	$ 60,798.00 *	(58.35)	$ 600.00	$ 90,000.00	$ 449.16	$ 67,374.00	$ 620.00	$ 93,000.00	$ 1,058.00	$ 158,700.00
415.9	78" STORM PIPE GEOPOLYMER LINING (1.5" DESIGN THICKNESS)	LF	150	$ 1,016.19	$ 152,428.50	$ 505.83	$ 75,874.50 *	(50.22)	$ 700.00	$ 105,000.00	$ 483.08	$ 72,462.00	$ 700.00	$ 105,000.00	$ 1,142.00	$ 171,300.00
415.10	84" STORM PIPE GEOPOLYMER LINING (1.5" DESIGN THICKNESS)	LF	150	$ 1,059.13	$ 158,869.50	$ 539.87	$ 80,980.50 *	(49.03)	$ 700.00	$ 105,000.00	$ 508.76	$ 76,314.00	$ 750.00	$ 112,500.00	$ 1,232.00	$ 184,800.00
415.11	90" STORM PIPE GEOPOLYMER LINING (1.5" DESIGN THICKNESS)	LF	100	$ 1,230.88	$ 123,088.00	$ 577.21	$ 57,721.00 *	(53.11)	$ 1,000.00	$ 100,000.00	$ 528.44	$ 52,844.00	$ 780.00	$ 78,000.00	$ 1,344.00	$ 134,400.00
415.12	MANHOLE/INLET REHABILITATION WITH GEOPOLYMER LINING (1" THICKNESS)	LF	100	$ 268.00	$ 26,800.00	$ 267.30	$ 26,730.00	(0.26)	$ 400.00	$ 40,000.00	$ 200.00	$ 20,000.00	$ 450.00	$ 45,000.00	$ 150.00	$ 15,000.00
416.1	EXTERIOR POINT REPAIR, 36" DIAMETER OR LESS	EA	4	$ 9,160.00	$ 36,640.00	$ 12,073.60	$ 48,294.40	31.81	$ 24,600.00	$ 98,400.00	$ 16,680.00	$ 66,720.00	$ 25,000.00	$ 100,000.00	$ 6,750.00	$ 27,000.00
416.2	EXTERIOR POINT REPAIR, 42" - 60" DIAMETER	EA	4	$ 10,305.00	$ 41,220.00	$ 14,087.36	$ 56,349.44	36.70	$ 34,800.00	$ 139,200.00	$ 30,321.60	$ 121,286.40	$ 29,000.00	$ 116,000.00	$ 6,750.00	$ 27,000.00
416.3	EXTERIOR POINT REPAIR, 66" DIAMETER OR GREATER	EA	4	$ 10,877.50	$ 43,510.00	$ 18,908.96	$ 75,635.84	73.84	$ 44,950.00	$ 179,800.00	$ 56,178.00	$ 224,712.00	$ 33,000.00	$ 132,000.00	$ 8,750.00	$ 35,000.00
432	RIPRAP (STONE COMMON)(DRY)(12" DEPTH)	SY	50	$ 171.75	$ 8,587.50	$ 112.00	$ 5,600.00	(34.79)	$ 200.00	$ 10,000.00	$ 72.00	$ 3,600.00	$ 120.00	$ 6,000.00	$ 105.00	$ 5,250.00
500.5	CONCRETE CURB, CURB & GUTTER AND MOUNTABLE CURB	LF	100	$ 15.89	$ 1,589.00	$ 33.60	$ 3,360.00	111.45	$ 50.00	$ 5,000.00	$ 80.40	$ 8,040.00	$ 50.00	$ 5,000.00	$ 55.00	$ 5,500.00
502.1	CONCRETE SIDEWALKS	SY	50	$ 64.81	$ 3,240.50	$ 72.59	$ 3,629.50 *	12.00	$ 80.00	$ 4,000.00	$ 148.20	$ 7,410.00	$ 70.00	$ 3,500.00	$ 120.00	$ 6,000.00
503.1	PORTLAND CEMENT CONCRETE DRIVEWAYS	SY	100	$ 72.98	$ 7,298.00	$ 82.32	$ 8,232.00	12.80	$ 100.00	$ 10,000.00	$ 184.80	$ 18,480.00	$ 75.00	$ 7,500.00	$ 150.00	$ 15,000.00
503.2	PORTLAND CEMENT CONCRETE DRIVEWAYS (COMMERCIAL)	SY	100	$ 68.74	$ 6,874.00	$ 76.99	$ 7,699.00 *	12.00	$ 130.00	$ 13,000.00	$ 196.80	$ 19,680.00	$ 80.00	$ 8,000.00	$ 72.00	$ 7,200.00
505.1	CONCRETE RIPRAP (5" THICK)	SY	100	$ 78.39	$ 7,839.00	$ 280.00	$ 28,000.00	257.19	$ 45.00	$ 4,500.00	$ 150.00	$ 15,000.00	$ 90.00	$ 9,000.00	$ 54.00	$ 5,400.00
507.1	CHAIN LINK WIRE FENCE (4' HIGH)	LF	50	$ 22.00	$ 1,100.00	$ 22.40	$ 1,120.00	1.82	$ 45.00	$ 2,250.00	$ 42.00	$ 2,100.00	$ 25.00	$ 1,250.00	$ 50.00	$ 2,500.00
507.2	CHAIN LINK WIRE FENCE (6' HIGH)	LF	50	$ 28.07	$ 1,403.50	$ 33.60	$ 1,680.00	19.70	$ 100.00	$ 5,000.00	$ 48.00	$ 2,400.00	$ 40.00	$ 2,000.00	$ 55.00	$ 2,750.00
511.3	REPLACING WITH HOT MIX ASPHALTIC CONCRETE PAVEMENT (10" COMPACTED DEPTH)	SY	400	$ 91.60	$ 36,640.00	$ 87.91	$ 35,164.00 *	(4.03)	$ 150.00	$ 60,000.00	$ 420.00	$ 168,000.00	$ 90.00	$ 36,000.00	$ 180.00	$ 72,000.00
512.1	ADJUSTING EXISTING MANHOLES	EA	5	$ 1,791.22	$ 8,956.10	$ 3,606.40	$ 18,032.00	101.34	$ 2,000.00	$ 10,000.00	$ 3,727.20	$ 18,636.00	$ 950.00	$ 4,750.00	$ 2,000.00	$ 10,000.00
512.3	VALVE BOX ADJUSTMENTS	EA	5	$ 411.30	$ 2,056.50	$ 955.36	$ 4,776.80	132.28	$ 1,500.00	$ 7,500.00	$ 900.00	$ 4,500.00	$ 200.00	$ 1,000.00	$ 1,000.00	$ 5,000.00
513.1	REMOVING AND RELOCATING MAIL BOXES	EA	3	$ 210.55	$ 631.65	$ 224.00	$ 672.00	6.39	$ 1,000.00	$ 3,000.00	$ 420.00	$ 1,260.00	$ 100.00	$ 300.00	$ 1,000.00	$ 3,000.00
515.1	TOPSOIL	CY	50	$ 30.86	$ 1,543.00	$ 38.64	$ 1,932.00	25.21	$ 20.00	$ 1,000.00	$ 72.00	$ 3,600.00	$ 28.00	$ 1,400.00	$ 120.00	$ 6,000.00
516.1	BERMUDA SODDING	SY	250	$ 5.38	$ 1,345.00	$ 7.56	$ 1,890.00	40.52	$ 20.00	$ 5,000.00	$ 35.26	$ 8,815.00 *	$ 10.00	$ 2,500.00	$ 16.00	$ 4,000.00
516.2	ST. AUGUSTINE SODDING	SY	250	$ 6.56	$ 1,640.00	$ 10.30	$ 2,575.00 *	57.01	$ 20.00	$ 5,000.00	$ 35.26	$ 8,815.00 *	$ 10.00	$ 2,500.00	$ 16.00	$ 4,000.00
520.1	HYDROMULCHING (RESIDENTIAL OR COMMERCIAL)	SY	250	$ 1.37	$ 342.50	$ 3.36	$ 840.00	145.26	$ 20.00	$ 5,000.00	$ 7.80	$ 1,950.00	$ 5.00	$ 1,250.00	$ 16.00	$ 4,000.00
522.1	SIDEWALK PIPE RAILING	LF	50	$ 96.48	$ 4,824.00	$ 112.00	$ 5,600.00	16.09	$ 100.00	$ 5,000.00	$ 30.00	$ 1,500.00	$ 70.00	$ 3,500.00	$ 60.00	$ 3,000.00
525.1	CONCRETE TRAFFIC BARRIER (PORTABLE)	LF	50	$ 37.03	$ 1,851.50	$ 89.60	$ 4,480.00	141.97	$ 100.00	$ 5,000.00	$ 150.00	$ 7,500.00	$ 80.00	$ 4,000.00	$ 330.00	$ 16,500.00
535.1	4 INCH WIDE YELLOW LINE	LF	100	$ 3.32	$ 332.00	$ 0.78	$ 78.00 *	(76.51)	$ 20.00	$ 2,000.00	$ 10.50	$ 1,050.00	$ 4.00	$ 400.00	$ 40.00	$ 4,000.00
535.2	4 INCH WIDE WHITE LINE	LF	100	$ 3.32	$ 332.00	$ 0.78	$ 78.00 *	(76.51)	$ 20.00	$ 2,000.00	$ 10.50	$ 1,050.00	$ 4.00	$ 400.00	$ 40.00	$ 4,000.00
535.4	8 INCH WIDE WHITE LINE	LF	50	$ 1.83	$ 91.50	$ 1.66	$ 83.00 *	(9.29)	$ 20.00	$ 1,000.00	$ 22.50	$ 1,125.00	$ 8.00	$ 400.00	$ 55.00	$ 2,750.00
535.5	12 INCH WIDE WHITE LINE	LF	50	$ 3.57	$ 178.50	$ 5.22	$ 261.00 *	46.22	$ 20.00	$ 1,000.00	$ 22.50	$ 1,125.00	$ 12.00	$ 600.00	$ 80.00	$ 4,000.00
535.7	24 INCH WIDE WHITE LINE	LF	50	$ 21.03	$ 1,051.50	$ 11.20	$ 560.00	(46.74)	$ 30.00	$ 1,500.00	$ 30.00	$ 1,500.00	$ 25.00	$ 1,250.00	$ 80.00	$ 4,000.00
540.6	CONSTRUCTION EXITS (INSTALL/REMOVE)	SY	350	$ 22.30	$ 7,805.00	$ 28.00	$ 9,800.00	25.56	$ 30.00	$ 10,500.00	$ 74.96	$ 26,236.00 *	$ 26.00	$ 9,100.00	$ 19.00	$ 6,650.00
550.1	TRENCH EXCAVATION SAFETY PROTECTION	LF	50	$ 5.00	$ 250.00	$ 39.20	$ 1,960.00	684.00	$ 20.00	$ 1,000.00	$ 12.00	$ 600.00	$ 5.00	$ 250.00	$ 130.00	$ 6,500.00
801.2	LEVEL IIA PROTECTIVE FENCING	LF	100	$ 7.00	$ 700.00	$ 56.00	$ 5,600.00	700.00	$ 20.00	$ 2,000.00	$ 12.00	$ 1,200.00	$ 3.00	$ 300.00	$ 115.00	$ 11,500.00
801.3	LEVEL IIB PROTECTIVE FENCING	LF	100	$ 21.67	$ 2,167.00	$ 56.00	$ 5,600.00	158.42	$ 20.00	$ 2,000.00	$ 48.00	$ 4,800.00	$ 20.00	$ 2,000.00	$ 115.00	$ 11,500.00
802.2	LEVEL II PRUNING, SOIL AMENDMENT AND FERTILIZATION	EA	6	$ 283.00	$ 1,698.00	$ 224.00	$ 1,344.00	(20.85)	$ 1,000.00	$ 6,000.00	$ 3,500.00	$ 21,000.00	$ 200.00	$ 1,200.00	$ 750.00	$ 4,500.00
810	TREE REMOVAL (6" DIAMETER AND LARGER)	EA	5	$ 800.00	$ 4,000.00	$ 168.00	$ 840.00	(79.00)	$ 750.00	$ 3,750.00	$ 840.00	$ 4,200.00	$ 1,000.00	$ 5,000.00	$ 800.00	$ 4,000.00
811.1	TCI "AT WORK" PROJECT SIGN	EA	5	$ 150.00	$ 750.00	$ 1,445.79	$ 7,228.95 *	863.86	$ 750.00	$ 3,750.00	$ 1,500.00	$ 7,500.00	$ 450.00	$ 2,250.00	$ 800.00	$ 4,000.00
6001.1	WOODEN PRIVACY FENCE (6' HIGH)	LF	50	$ 32.06	$ 1,603.00	$ 22.40	$ 1,120.00	(30.13)	$ 20.00	$ 1,000.00	$ 48.00	$ 2,400.00	$ 30.00	$ 1,500.00	$ 80.00	$ 4,000.00
	Total Bid Amount				**$ 2,999,645.20**		**$ 1,954,860.93 ***	**-35%**		**$ 2,368,900.00**		**$ 2,437,762.00 ***		**$ 2,797,750.00**		**$ 3,877,040.00 ***

* Contractor error correction.