

City Of Spokane
Engineering Services Department

***** Bid Tabulation *****

Project Number: 2015130

Project Description: Erie & Trent Storm Facility

Funding Source: State

Preparer: Duane Studer

Original Date: 4/15/2019 5:06:56 PM

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Addendum: Addendum 2

Project Number: 2015130		Engineer's Estimate			DW Excavating, Inc_		L & L Cargile Inc		Halme Construction Inc	
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description

Tax Classification

Schedule 01		NON-STREET IMPROVEMENTS (SALES TAX RULE 170)				Sales tax shall NOT be included in unit prices					
101	RECORD DRAWINGS	1	LS	*****	3,000.00	*****	3,000.00	*****	3,000.00	*****	3,000.00
102	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1	EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
103	SPCC PLAN	1	LS	*****	2,000.00	*****	130.00	*****	200.00	*****	500.00
104	ARCHAEOLOGICAL INADVERTENT DISCOVERY	1	EST	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
105	POTHOLING	25	EA	500.00	12,500.00	270.00	6,750.00	150.00	3,750.00	442.23	11,055.75
106	PUBLIC LIAISON REPRESENTATIVE	1	LS	*****	3,000.00	*****	130.00	*****	4,000.00	*****	500.00
107	REFERENCE AND REESTABLISH SURVEY MONUMENT	1	EA	900.00	900.00	600.00	600.00	600.00	600.00	631.40	631.40
108	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1	LS	*****	1,500.00	*****	4,700.00	*****	5,000.00	*****	5,166.01
109	TYPE B PROGRESS SCHEDULE	1	LS	*****	1,000.00	*****	1,000.00	*****	4,000.00	*****	5,000.00
110	MOBILIZATION	1	LS	*****	180,000.00	*****	165,951.99	*****	160,491.00	*****	180,000.00
111	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	*****	5,000.00	*****	4,500.00	*****	1,826.00	*****	5,000.00
112	CLEARING AND GRUBBING	1	LS	*****	15,000.00	*****	6,700.00	*****	5,123.00	*****	22,000.00
113	MATERIAL ON HAND, TREE PROTECTION	1	LS	*****	4,000.00	*****	1,050.00	*****	285.00	*****	245.26
114	AIR OR HYDRO EVACUATION	2	EA	700.00	1,400.00	708.00	1,416.00	700.00	1,400.00	774.90	1,549.80

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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> NON-STREET IMPROVEMENTS (SALES TAX RULE 170)					Sales tax shall NOT be included in unit prices					
115	TREE PROTECTION ZONE	2 EA	350.00	700.00	262.00	524.00	250.00	500.00	122.63	245.26
116	REMOVE TREE, CLASS I	5 EA	400.00	2,000.00	378.00	1,890.00	400.00	2,000.00	413.28	2,066.40
117	REMOVE TREE, CLASS II	1 EA	1,200.00	1,200.00	890.00	890.00	925.00	925.00	975.80	975.80
118	TREE PRUNING	2 EA	350.00	700.00	220.00	440.00	230.00	460.00	241.09	482.18
119	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	12,000.00	*****	1,900.00	*****	9,806.00	*****	7,395.66
120	REMOVE AND RESET EXISTING BLOCK WALL	140 LF	60.00	8,400.00	40.00	5,600.00	67.00	9,380.00	39.44	5,521.60
121	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	2 EA	700.00	1,400.00	660.00	1,320.00	540.00	1,080.00	190.44	380.88
122	REMOVE EXISTING < 12 IN. DIAM PIPE	40 LF	9.00	360.00	10.00	400.00	10.00	400.00	6.66	266.40
123	REMOVE EXISTING 12 IN. TO <30 IN. DIAM PIPE	200 LF	15.00	3,000.00	3.00	600.00	10.00	2,000.00	6.66	1,332.00
124	SAWCUTTING FLEXIBLE PAVEMENT	110 LFI	0.75	82.50	23.00	2,530.00	1.00	110.00	1.19	130.90
125	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	1 EA	350.00	350.00	400.00	400.00	272.00	272.00	260.08	260.08
126	ROADWAY EXCAVATION INCL. HAUL	198 CY	28.00	5,544.00	12.00	2,376.00	46.00	9,108.00	17.17	3,399.66
127	ROADWAY EXCAVATION INCL. HAUL - SWALE	3257 CY	30.00	97,710.00	13.00	42,341.00	45.00	146,565.00	17.15	55,857.55
128	ROADWAY EXCAVATION INCL. HAUL - PATH	226 CY	28.00	6,328.00	25.00	5,650.00	46.00	10,396.00	17.15	3,875.90
129	REMOVE UNSUITABLE FOUNDATION MATERIAL	759 CY	32.00	24,288.00	12.00	9,108.00	48.00	36,432.00	5.00	3,795.00
130	REPLACE UNSUITABLE FOUNDATION MATERIAL	759 CY	25.00	18,975.00	12.00	9,108.00	34.00	25,806.00	5.00	3,795.00
131	MATERIAL HAUL TO GRAHAM ROAD LANDFILL	600 TO	15.00	9,000.00	1.82	1,092.00	0.65	390.00	0.10	60.00
132	GRADING AND SHAPING	1 LS	*****	8,900.00	*****	2,600.00	*****	4,000.00	*****	1,896.64
133	SPECIAL / INDUSTRIAL WASTE	6740 TO	40.00	269,600.00	18.80	126,712.00	12.00	80,880.00	0.10	674.00

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134	HAZARDOUS MATERIAL	50 TO	400.00	20,000.00	234.00	11,700.00	380.25	19,012.50	400.00	20,000.00
135	DISPOSAL OF INERT FILL & DEBRIS INC. HAUL	15430 CY	15.00	231,450.00	23.50	362,605.00	0.01	154.30	24.53	378,497.90
136	HEALTH AND SAFETY PLAN	1 LS	*****	5,000.00	*****	4,590.00	*****	5,000.00	*****	4,040.74
137	PREPARATION OF UNTREATED ROADWAY	2065 SY	3.00	6,195.00	0.50	1,032.50	4.00	8,260.00	1.03	2,126.95
138	STRUCTURE EXCAVATION CLASS A INCL. HAUL	1 LS	*****	58,000.00	*****	10,646.00	*****	60,000.00	*****	15,761.93
139	COFFERDAM RAT SLAB	1 LS	*****	40,400.00	*****	11,565.00	*****	20,000.00	*****	3,644.26
140	CONTROLLED DENSITY FILL	60 CY	170.00	10,200.00	138.00	8,280.00	125.00	7,500.00	121.48	7,288.80
141	CRUSHED SURFACING TOP COURSE	236 CY	50.00	11,800.00	44.00	10,384.00	60.00	14,160.00	63.37	14,955.32
142	CRUSHED SURFACING BASE COURSE	380 CY	48.00	18,240.00	39.00	14,820.00	40.00	15,200.00	45.59	17,324.20
143	CSTC FOR SIDEWALK AND DRIVEWAYS	35 CY	65.00	2,275.00	5.00	175.00	35.00	1,225.00	62.04	2,171.40
144	DUST CONTROL	2500 SY	5.00	12,500.00	1.00	2,500.00	0.80	2,000.00	0.87	2,175.00
145	CSTC FOR TANK FOUNDATION	19 CY	43.00	817.00	7.00	133.00	0.01	0.19	61.11	1,161.09
146	HMA CL. 1/2 IN. PG 64-28, 3 INCH THICK	380 SY	20.00	7,600.00	14.00	5,320.00	40.00	15,200.00	28.41	10,795.80
147	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28 4 INCH THICK	42 SY	90.00	3,780.00	38.00	1,596.00	100.00	4,200.00	78.07	3,278.94
148	SOIL RESIDUAL HERBICIDE	650 SY	0.25	162.50	0.52	338.00	0.50	325.00	2.89	1,878.50
149	PAVEMENT REPAIR EXCAVATION INCL. HAUL	42 SY	40.00	1,680.00	37.00	1,554.00	40.00	1,680.00	20.76	871.92
150	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
151	COMPACTION PRICE ADJUSTMENT	1 EST	760.00	760.00	760.00	760.00	760.00	760.00	760.00	760.00
152	CONCRETE STRUCTURE - CAST-IN-PLACE	1 LS	*****	129,650.00	*****	131,900.00	*****	110,000.00	*****	200,000.00

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153	DETENTION TANK APPURTENANCES	1 LS	*****	16,400.00	*****	22,900.00	*****	22,000.00	*****	110,000.00
154	WATERPROOFING	113 SY	60.00	6,780.00	140.00	15,820.00	50.00	5,650.00	115.45	13,045.85
155	UNDERDRAIN PIPE 6 IN. DIAM.	1150 LF	45.00	51,750.00	21.00	24,150.00	12.20	14,030.00	14.21	16,341.50
156	STORM SEWER PIPE 10 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	175 LF	85.00	14,875.00	40.00	7,000.00	35.00	6,125.00	33.70	5,897.50
157	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	60 LF	95.00	5,700.00	58.00	3,480.00	40.00	2,400.00	45.59	2,735.40
158	STORM SEWER PIPE 18 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	62 LF	115.00	7,130.00	65.00	4,030.00	80.00	4,960.00	73.24	4,540.88
159	STORM SEWER PIPE 72 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	402 LF	550.00	221,100.00	733.00	294,666.00	870.00	349,740.00	714.18	287,100.36
160	MANHOLE 48, BASIC PRICE	4 EA	4,200.00	16,800.00	3,100.00	12,400.00	4,500.00	18,000.00	3,681.28	14,725.12
161	MANHOLE 60, BASIC PRICE	1 EA	7,000.00	7,000.00	5,500.00	5,500.00	6,000.00	6,000.00	6,511.15	6,511.15
162	MANHOLE TYPE III-120, BASIC PRICE	3 EA	24,000.00	72,000.00	27,800.00	83,400.00	36,200.00	108,600.00	23,599.29	70,797.87
163	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM.	1 VF	180.00	180.00	300.00	300.00	200.00	200.00	140.27	140.27
164	MANHOLE ADDITIONAL HEIGHT 60 IN. DIAM.	1 VF	300.00	300.00	340.00	340.00	300.00	300.00	183.89	183.89
165	MANHOLE ADDITIONAL HEIGHT 120 IN. DIAM.	8 VF	600.00	4,800.00	300.00	2,400.00	1,400.00	11,200.00	938.37	7,506.96
166	DRYWELL TYPE 1	6 EA	6,000.00	36,000.00	4,300.00	25,800.00	3,000.00	18,000.00	2,060.76	12,364.56
167	ABSORPTION TRENCH	110 LF	275.00	30,250.00	213.00	23,430.00	652.00	71,720.00	612.51	67,376.10
168	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	1 EA	350.00	350.00	500.00	500.00	350.00	350.00	165.67	165.67
169	ADJUST EXISTING MH, CB, DW, OR INLET IN ASPHALT	2 EA	350.00	700.00	570.00	1,140.00	550.00	1,100.00	413.05	826.10

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170	CATCH BASIN TYPE 4	7 EA	2,900.00	20,300.00	4,500.00	31,500.00	3,500.00	24,500.00	3,442.31	24,096.17
171	STORMWATER HANDHOLE JUNCTION	2 EA	2,500.00	5,000.00	2,000.00	4,000.00	2,450.00	4,900.00	2,079.10	4,158.20
172	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	2 EA	700.00	1,400.00	825.00	1,650.00	850.00	1,700.00	557.52	1,115.04
173	VALVE BOX AND COVER	1 EA	400.00	400.00	750.00	750.00	425.00	425.00	294.55	294.55
174	CONNECT 15 IN. TO 27 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL OR MANHOLE	1 EA	1,000.00	1,000.00	2,500.00	2,500.00	1,700.00	1,700.00	1,495.17	1,495.17
175	CONNECT 15 TO 27 IN. DIAMETER PIPE TO EXISTING SEWER PIPE	1 EA	1,300.00	1,300.00	1,400.00	1,400.00	1.00	1.00	1,752.48	1,752.48
176	MANHOLE TEST	1 EA	550.00	550.00	800.00	800.00	600.00	600.00	627.76	627.76
177	CLEANING EXISTING DRAINAGE STRUCTURE	5 EA	400.00	2,000.00	210.00	1,050.00	250.00	1,250.00	97.22	486.10
178	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	60 CY	30.00	1,800.00	26.00	1,560.00	48.00	2,880.00	18.74	1,124.40
179	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	60 CY	20.00	1,200.00	40.00	2,400.00	34.00	2,040.00	13.63	817.80
180	TRENCH SAFETY SYSTEM	1 LS	*****	10,000.00	*****	1,300.00	*****	8,000.00	*****	11,480.01
181	RECONNECT SIDE SEWER	1 EA	850.00	850.00	700.00	700.00	2,000.00	2,000.00	1,304.16	1,304.16
182	SIDE SEWER CLEANING AND VIDEO INSPECTION	1 EA	750.00	750.00	700.00	700.00	500.00	500.00	404.07	404.07
183	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	42 LF	75.00	3,150.00	66.00	2,772.00	55.00	2,310.00	40.16	1,686.72
184	CATCH BASIN DUCTILE IRON SEWER PIPE 10 IN. DIAM.	62 LF	90.00	5,580.00	121.00	7,502.00	62.00	3,844.00	53.89	3,341.18
185	OUTLET TRAP	8 EA	250.00	2,000.00	220.00	1,760.00	80.00	640.00	390.05	3,120.40
186	PLUGGING EXISTING PIPE	1 EA	700.00	700.00	387.00	387.00	300.00	300.00	237.09	237.09
187	FORCE MAIN PIPING	1 LS	*****	50,000.00	*****	60,400.00	*****	62,000.00	*****	52,156.50

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188	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	15,000.00	*****	1.50	*****	3,000.00	*****	5,689.92
189	ENCASE WATER/SEWER AT CROSSINGS	1 EA	2,000.00	2,000.00	1,500.00	1,500.00	900.00	900.00	2,465.95	2,465.95
190	CLEANING EXISTING SANITARY SEWERS	3 EA	500.00	1,500.00	367.00	1,101.00	375.00	1,125.00	1,269.94	3,809.82
191	DI PIPE FOR WATER MAIN 6 IN. DIAM.	60 LF	60.00	3,600.00	93.00	5,580.00	100.00	6,000.00	49.85	2,991.00
192	GATE VALVE 6 IN. DIAM.	1 EA	1,300.00	1,300.00	1,500.00	1,500.00	1,200.00	1,200.00	1,138.91	1,138.91
193	HYDRANT ASSEMBLY	1 EA	5,300.00	5,300.00	5,200.00	5,200.00	4,000.00	4,000.00	3,863.35	3,863.35
194	SIDE SEWER PIPE 4 TO 6 IN. DIAM.	60 LF	50.00	3,000.00	66.00	3,960.00	95.00	5,700.00	40.00	2,400.00
195	SIDE SEWER PERMIT	1 EA	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
196	SEWER CLEANOUT	7 EA	650.00	4,550.00	230.00	1,610.00	550.00	3,850.00	1,016.73	7,117.11
197	ESC LEAD	1 LS	*****	3,500.00	*****	131.00	*****	250.00	*****	50.00
198	INLET PROTECTION	2 EA	125.00	250.00	86.00	172.00	100.00	200.00	59.89	119.78
199	STABILIZED CONSTRUCTION ENTRANCE	200 SY	18.00	3,600.00	14.00	2,800.00	10.00	2,000.00	24.81	4,962.00
200	STREET CLEANING	60 HR	200.00	12,000.00	184.00	11,040.00	160.00	9,600.00	325.54	19,532.40
201	SILT FENCE	380 LF	6.00	2,280.00	5.00	1,900.00	5.00	1,900.00	3.63	1,379.40
202	TOPSOIL TYPE A, 2 INCH THICK	2690 SY	9.00	24,210.00	5.00	13,450.00	5.00	13,450.00	5.17	13,907.30
203	LANDSCAPING	1 LS	*****	11,800.00	*****	10,000.00	*****	10,500.00	*****	10,906.02
204	HYDROSEEDING	300 SY	8.00	2,400.00	2.10	630.00	2.50	750.00	2.30	690.00
205	SOD INSTALLATION	2690 SY	18.00	48,420.00	10.00	26,900.00	11.00	29,590.00	10.91	29,347.90
206	WEED AND PEST CONTROL	1 FA	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00

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207	CEMENT CONCRETE MOW STRIP	142 LF	25.00	3,550.00	43.00	6,106.00	35.00	4,970.00	31.66	4,495.72
208	TOPSOIL FOR BIO-FILTRATION SWALES, TYPE A, 18 INCH THICK INCL. SE	2250 SY	24.00	54,000.00	25.20	56,700.00	26.50	59,625.00	20.74	46,665.00
209	CONSTRUCT BIO-INFILTRATION SWALE - LINED	2250 SY	75.00	168,750.00	45.48	102,330.00	90.00	202,500.00	82.37	185,332.50
210	IRRIGATION SYSTEM	1 LS	*****	26,520.00	*****	25,300.00	*****	28,000.00	*****	36,325.58
211	4 IN. DUCTILE IRRIGATION SLEEVE	60 LF	50.00	3,000.00	33.60	2,016.00	35.00	2,100.00	36.70	2,202.00
212	CEMENT CONCRETE CURB	50 LF	30.00	1,500.00	60.00	3,000.00	48.00	2,400.00	43.14	2,157.00
213	CEMENT CONCRETE DRIVEWAY	110 SY	90.00	9,900.00	100.00	11,000.00	72.00	7,920.00	82.50	9,075.00
214	CHAIN LINK FENCE TYPE 1 - BLACK	50 LF	20.00	1,000.00	42.00	2,100.00	45.00	2,250.00	45.92	2,296.00
215	CHAIN LINK FENCE TYPE 6 - BLACK	280 LF	18.00	5,040.00	33.75	9,450.00	40.00	11,200.00	36.90	10,332.00
216	END GATE CORNER AND PULL POST FOR CHAIN LINK FENCE	8 EA	32.00	256.00	105.00	840.00	110.00	880.00	114.80	918.40
217	SINGLE 4 FT CHAIN LINK GATE - BLACK	2 EA	550.00	1,100.00	420.00	840.00	440.00	880.00	459.20	918.40
218	DOUBLE 14 FT CHAIN LINK GATE - BLACK	2 EA	1,800.00	3,600.00	1,050.00	2,100.00	1,100.00	2,200.00	1,148.00	2,296.00
219	TEMPORARY CONSTRUCTION FENCE	600 LF	6.00	3,600.00	4.38	2,628.00	5.00	3,000.00	4.78	2,868.00
220	HAND PLACED RIPRAP	10 CY	60.00	600.00	98.00	980.00	70.00	700.00	75.13	751.30
221	STORMWATER PUMPS	1 LS	*****	84,000.00	*****	76,600.00	*****	66,000.00	*****	64,388.54
222	PUMP STARTUP/TESTING	1 LS	*****	10,000.00	*****	3,300.00	*****	2,000.00	*****	5,772.48
223	GENERAL ELECTRICAL	1 LS	*****	76,130.00	*****	45,800.00	*****	52,000.00	*****	43,000.00
224	CONTROL SYSTEM	1 LS	*****	95,030.00	*****	45,700.00	*****	50,138.00	*****	47,000.00
Schedule Totals				2,566,768.00		2,139,999.99		2,181,644.99		2,334,953.64

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Schedule 01		NON-STREET IMPROVEMENTS (SALES TAX RULE 170)				Sales tax shall NOT be included in unit prices					
101	RECORD DRAWINGS	1	LS	*****	3,000.00	*****	3,000.00	*****	3,000.00	*****	0.00
102	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1	EST	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
103	SPCC PLAN	1	LS	*****	2,000.00	*****	3,500.00	*****	1,400.00	*****	0.00
104	ARCHAEOLOGICAL INADVERTENT DISCOVERY	1	EST	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	0.00	0.00
105	POTHOLING	25	EA	500.00	12,500.00	225.00	5,625.00	600.00	15,000.00	0.00	0.00
106	PUBLIC LIAISON REPRESENTATIVE	1	LS	*****	3,000.00	*****	10,000.00	*****	800.00	*****	0.00
107	REFERENCE AND REESTABLISH SURVEY MONUMENT	1	EA	900.00	900.00	2,500.00	2,500.00	500.00	500.00	0.00	0.00
108	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1	LS	*****	1,500.00	*****	2,500.00	*****	375.00	*****	0.00
109	TYPE B PROGRESS SCHEDULE	1	LS	*****	1,000.00	*****	5,000.00	*****	475.00	*****	0.00
110	MOBILIZATION	1	LS	*****	180,000.00	*****	165,000.00	*****	204,500.00	*****	0.00
111	PROJECT TEMPORARY TRAFFIC CONTROL	1	LS	*****	5,000.00	*****	22,000.00	*****	7,500.00	*****	0.00
112	CLEARING AND GRUBBING	1	LS	*****	15,000.00	*****	15,000.00	*****	25,000.00	*****	0.00
113	MATERIAL ON HAND, TREE PROTECTION	1	LS	*****	4,000.00	*****	5,000.00	*****	600.00	*****	0.00
114	AIR OR HYDRO EVACUATION	2	EA	700.00	1,400.00	700.00	1,400.00	850.00	1,700.00	0.00	0.00
115	TREE PROTECTION ZONE	2	EA	350.00	700.00	300.00	600.00	1,350.00	2,700.00	0.00	0.00
116	REMOVE TREE, CLASS I	5	EA	400.00	2,000.00	400.00	2,000.00	440.00	2,200.00	0.00	0.00
117	REMOVE TREE, CLASS II	1	EA	1,200.00	1,200.00	900.00	900.00	1,000.00	1,000.00	0.00	0.00
118	TREE PRUNING	2	EA	350.00	700.00	250.00	500.00	250.00	500.00	0.00	0.00
119	REMOVAL OF STRUCTURE AND OBSTRUCTION	1	LS	*****	12,000.00	*****	12,000.00	*****	7,150.00	*****	0.00

Project Number: 2015130		Engineer's Estimate		LaRiviere Inc		Clearwater Construction & Management				
Item No	Bid Item Description	Est. Qty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> NON-STREET IMPROVEMENTS (SALES TAX RULE 170)					Sales tax shall NOT be included in unit prices					
120	REMOVE AND RESET EXISTING BLOCK WALL	140 LF	60.00	8,400.00	60.00	8,400.00	232.14	32,499.60	0.00	0.00
121	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	2 EA	700.00	1,400.00	500.00	1,000.00	300.00	600.00	0.00	0.00
122	REMOVE EXISTING < 12 IN. DIAM PIPE	40 LF	9.00	360.00	20.00	800.00	15.00	600.00	0.00	0.00
123	REMOVE EXISTING 12 IN. TO <30 IN. DIAM PIPE	200 LF	15.00	3,000.00	8.00	1,600.00	15.00	3,000.00	0.00	0.00
124	SAWCUTTING FLEXIBLE PAVEMENT	110 LFI	0.75	82.50	8.00	880.00	3.00	330.00	0.00	0.00
125	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	1 EA	350.00	350.00	650.00	650.00	380.00	380.00	0.00	0.00
126	ROADWAY EXCAVATION INCL. HAUL	198 CY	28.00	5,544.00	21.00	4,158.00	37.00	7,326.00	0.00	0.00
127	ROADWAY EXCAVATION INCL. HAUL - SWALE	3257 CY	30.00	97,710.00	21.00	68,397.00	35.00	113,995.00	0.00	0.00
128	ROADWAY EXCAVATION INCL. HAUL - PATH	226 CY	28.00	6,328.00	21.00	4,746.00	37.00	8,362.00	0.00	0.00
129	REMOVE UNSUITABLE FOUNDATION MATERIAL	759 CY	32.00	24,288.00	15.00	11,385.00	66.00	50,094.00	0.00	0.00
130	REPLACE UNSUITABLE FOUNDATION MATERIAL	759 CY	25.00	18,975.00	28.00	21,252.00	75.00	56,925.00	0.00	0.00
131	MATERIAL HAUL TO GRAHAM ROAD LANDFILL	600 TO	15.00	9,000.00	180.00	108,000.00	9.00	5,400.00	0.00	0.00
132	GRADING AND SHAPING	1 LS	*****	8,900.00	*****	45,000.00	*****	56,000.00	*****	0.00
133	SPECIAL / INDUSTRIAL WASTE	6740 TO	40.00	269,600.00	100.00	674,000.00	22.00	148,280.00	0.00	0.00
134	HAZARDOUS MATERIAL	50 TO	400.00	20,000.00	400.00	20,000.00	221.00	11,050.00	0.00	0.00
135	DISPOSAL OF INERT FILL & DEBRIS INC. HAUL	15430 CY	15.00	231,450.00	18.00	277,740.00	21.00	324,030.00	0.00	0.00
136	HEALTH AND SAFETY PLAN	1 LS	*****	5,000.00	*****	15,000.00	*****	40,340.00	*****	0.00
137	PREPARATION OF UNTREATED ROADWAY	2065 SY	3.00	6,195.00	2.25	4,646.25	2.50	5,162.50	0.00	0.00
138	STRUCTURE EXCAVATION CLASS A INCL. HAUL	1 LS	*****	58,000.00	*****	12,000.00	*****	225,000.00	*****	0.00

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Tax Classification

Schedule 01		NON-STREET IMPROVEMENTS (SALES TAX RULE 170)				Sales tax shall NOT be included in unit prices				
139	COFFERDAM RAT SLAB	1 LS	*****	40,400.00	*****	4,500.00	*****	17,700.00	*****	0.00
140	CONTROLLED DENSITY FILL	60 CY	170.00	10,200.00	150.00	9,000.00	240.00	14,400.00	0.00	0.00
141	CRUSHED SURFACING TOP COURSE	236 CY	50.00	11,800.00	35.00	8,260.00	60.00	14,160.00	0.00	0.00
142	CRUSHED SURFACING BASE COURSE	380 CY	48.00	18,240.00	35.00	13,300.00	60.00	22,800.00	0.00	0.00
143	CSTC FOR SIDEWALK AND DRIVEWAYS	35 CY	65.00	2,275.00	100.00	3,500.00	170.00	5,950.00	0.00	0.00
144	DUST CONTROL	2500 SY	5.00	12,500.00	6.00	15,000.00	4.00	10,000.00	0.00	0.00
145	CSTC FOR TANK FOUNDATION	19 CY	43.00	817.00	100.00	1,900.00	200.00	3,800.00	0.00	0.00
146	HMA CL. 1/2 IN. PG 64-28, 3 INCH THICK	380 SY	20.00	7,600.00	28.00	10,640.00	16.58	6,300.40	0.00	0.00
147	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28 4 INCH THICK	42 SY	90.00	3,780.00	75.00	3,150.00	45.24	1,900.08	0.00	0.00
148	SOIL RESIDUAL HERBICIDE	650 SY	0.25	162.50	1.25	812.50	1.23	799.50	0.00	0.00
149	PAVEMENT REPAIR EXCAVATION INCL. HAUL	42 SY	40.00	1,680.00	30.00	1,260.00	70.00	2,940.00	0.00	0.00
150	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00
151	COMPACTION PRICE ADJUSTMENT	1 EST	760.00	760.00	760.00	760.00	760.00	760.00	0.00	0.00
152	CONCRETE STRUCTURE - CAST-IN-PLACE	1 LS	*****	129,650.00	*****	95,000.00	*****	182,700.00	*****	0.00
153	DETENTION TANK APPURTENANCES	1 LS	*****	16,400.00	*****	8,500.00	*****	29,000.00	*****	0.00
154	WATERPROOFING	113 SY	60.00	6,780.00	50.00	5,650.00	138.00	15,594.00	0.00	0.00
155	UNDERDRAIN PIPE 6 IN. DIAM.	1150 LF	45.00	51,750.00	35.00	40,250.00	40.00	46,000.00	0.00	0.00
156	STORM SEWER PIPE 10 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	175 LF	85.00	14,875.00	55.00	9,625.00	48.00	8,400.00	0.00	0.00

<i>Project Number:</i> 2015130		<i>Engineer's Estimate</i>			LaRiviere Inc		Clearwater Construction & Management			
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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> NON-STREET IMPROVEMENTS (SALES TAX RULE 170)					Sales tax shall NOT be included in unit prices					
157	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	60 LF	95.00	5,700.00	71.00	4,260.00	50.00	3,000.00	0.00	0.00
158	STORM SEWER PIPE 18 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	62 LF	115.00	7,130.00	85.00	5,270.00	53.00	3,286.00	0.00	0.00
159	STORM SEWER PIPE 72 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	402 LF	550.00	221,100.00	425.00	170,850.00	900.00	361,800.00	0.00	0.00
160	MANHOLE 48, BASIC PRICE	4 EA	4,200.00	16,800.00	2,600.00	10,400.00	5,325.00	21,300.00	0.00	0.00
161	MANHOLE 60, BASIC PRICE	1 EA	7,000.00	7,000.00	15,000.00	15,000.00	9,150.00	9,150.00	0.00	0.00
162	MANHOLE TYPE III-120, BASIC PRICE	3 EA	24,000.00	72,000.00	21,000.00	63,000.00	29,760.00	89,280.00	0.00	0.00
163	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM.	1 VF	180.00	180.00	100.00	100.00	76.00	76.00	0.00	0.00
164	MANHOLE ADDITIONAL HEIGHT 60 IN. DIAM.	1 VF	300.00	300.00	200.00	200.00	125.00	125.00	0.00	0.00
165	MANHOLE ADDITIONAL HEIGHT 120 IN. DIAM.	8 VF	600.00	4,800.00	300.00	2,400.00	912.00	7,296.00	0.00	0.00
166	DRYWELL TYPE 1	6 EA	6,000.00	36,000.00	2,800.00	16,800.00	10,000.00	60,000.00	0.00	0.00
167	ABSORPTION TRENCH	110 LF	275.00	30,250.00	65.00	7,150.00	75.45	8,299.50	0.00	0.00
168	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	1 EA	350.00	350.00	325.00	325.00	340.00	340.00	0.00	0.00
169	ADJUST EXISTING MH, CB, DW, OR INLET IN ASPHALT	2 EA	350.00	700.00	700.00	1,400.00	340.00	680.00	0.00	0.00
170	CATCH BASIN TYPE 4	7 EA	2,900.00	20,300.00	2,800.00	19,600.00	4,340.00	30,380.00	0.00	0.00
171	STORMWATER HANDHOLE JUNCTION	2 EA	2,500.00	5,000.00	8,500.00	17,000.00	1,500.00	3,000.00	0.00	0.00
172	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	2 EA	700.00	1,400.00	700.00	1,400.00	625.00	1,250.00	0.00	0.00
173	VALVE BOX AND COVER	1 EA	400.00	400.00	300.00	300.00	500.00	500.00	0.00	0.00

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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> NON-STREET IMPROVEMENTS (SALES TAX RULE 170)					Sales tax shall NOT be included in unit prices					
174	CONNECT 15 IN. TO 27 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL OR MANHOLE	1 EA	1,000.00	1,000.00	1,200.00	1,200.00	1,800.00	1,800.00	0.00	0.00
175	CONNECT 15 TO 27 IN. DIAMETER PIPE TO EXISTING SEWER PIPE	1 EA	1,300.00	1,300.00	1,500.00	1,500.00	1,800.00	1,800.00	0.00	0.00
176	MANHOLE TEST	1 EA	550.00	550.00	1,000.00	1,000.00	1,900.00	1,900.00	0.00	0.00
177	CLEANING EXISTING DRAINAGE STRUCTURE	5 EA	400.00	2,000.00	350.00	1,750.00	760.00	3,800.00	0.00	0.00
178	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	60 CY	30.00	1,800.00	18.00	1,080.00	66.67	4,000.20	0.00	0.00
179	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	60 CY	20.00	1,200.00	30.00	1,800.00	75.00	4,500.00	0.00	0.00
180	TRENCH SAFETY SYSTEM	1 LS	*****	10,000.00	*****	4,500.00	*****	3,800.00	*****	0.00
181	RECONNECT SIDE SEWER	1 EA	850.00	850.00	3,000.00	3,000.00	1,500.00	1,500.00	0.00	0.00
182	SIDE SEWER CLEANING AND VIDEO INSPECTION	1 EA	750.00	750.00	500.00	500.00	2,375.00	2,375.00	0.00	0.00
183	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	42 LF	75.00	3,150.00	45.00	1,890.00	50.00	2,100.00	0.00	0.00
184	CATCH BASIN DUCTILE IRON SEWER PIPE 10 IN. DIAM.	62 LF	90.00	5,580.00	55.00	3,410.00	55.00	3,410.00	0.00	0.00
185	OUTLET TRAP	8 EA	250.00	2,000.00	300.00	2,400.00	450.00	3,600.00	0.00	0.00
186	PLUGGING EXISTING PIPE	1 EA	700.00	700.00	500.00	500.00	1,600.00	1,600.00	0.00	0.00
187	FORCE MAIN PIPING	1 LS	*****	50,000.00	*****	54,000.00	*****	63,900.00	*****	0.00
188	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	15,000.00	*****	3,500.00	*****	7,900.00	*****	0.00
189	ENCASE WATER/SEWER AT CROSSINGS	1 EA	2,000.00	2,000.00	2,000.00	2,000.00	4,000.00	4,000.00	0.00	0.00
190	CLEANING EXISTING SANITARY SEWERS	3 EA	500.00	1,500.00	650.00	1,950.00	1,566.67	4,700.01	0.00	0.00
191	DI PIPE FOR WATER MAIN 6 IN. DIAM.	60 LF	60.00	3,600.00	42.00	2,520.00	85.00	5,100.00	0.00	0.00

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Tax Classification

Schedule 01					NON-STREET IMPROVEMENTS (SALES TAX RULE 170)					
					Sales tax shall NOT be included in unit prices					
192	GATE VALVE 6 IN. DIAM.	1 EA	1,300.00	1,300.00	1,200.00	1,200.00	2,500.00	2,500.00	0.00	0.00
193	HYDRANT ASSEMBLY	1 EA	5,300.00	5,300.00	5,000.00	5,000.00	6,300.00	6,300.00	0.00	0.00
194	SIDE SEWER PIPE 4 TO 6 IN. DIAM.	60 LF	50.00	3,000.00	52.00	3,120.00	36.00	2,160.00	0.00	0.00
195	SIDE SEWER PERMIT	1 EA	40.00	40.00	40.00	40.00	40.00	40.00	0.00	0.00
196	SEWER CLEANOUT	7 EA	650.00	4,550.00	850.00	5,950.00	370.00	2,590.00	0.00	0.00
197	ESC LEAD	1 LS	*****	3,500.00	*****	2,500.00	*****	1,300.00	*****	0.00
198	INLET PROTECTION	2 EA	125.00	250.00	150.00	300.00	480.00	960.00	0.00	0.00
199	STABILIZED CONSTRUCTION ENTRANCE	200 SY	18.00	3,600.00	21.00	4,200.00	58.00	11,600.00	0.00	0.00
200	STREET CLEANING	60 HR	200.00	12,000.00	175.00	10,500.00	315.00	18,900.00	0.00	0.00
201	SILT FENCE	380 LF	6.00	2,280.00	4.00	1,520.00	8.00	3,040.00	0.00	0.00
202	TOPSOIL TYPE A, 2 INCH THICK	2690 SY	9.00	24,210.00	11.00	29,590.00	5.69	15,306.10	0.00	0.00
203	LANDSCAPING	1 LS	*****	11,800.00	*****	25,000.00	*****	12,000.00	*****	0.00
204	HYDROSEEDING	300 SY	8.00	2,400.00	3.00	900.00	2.53	759.00	0.00	0.00
205	SOD INSTALLATION	2690 SY	18.00	48,420.00	11.00	29,590.00	12.00	32,280.00	0.00	0.00
206	WEED AND PEST CONTROL	1 FA	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	0.00	0.00
207	CEMENT CONCRETE MOW STRIP	142 LF	25.00	3,550.00	35.00	4,970.00	38.00	5,396.00	0.00	0.00
208	TOPSOIL FOR BIO-FILTRATION SWALES, TYPE A, 18 INCH THICK INCL. SE	2250 SY	24.00	54,000.00	22.00	49,500.00	30.00	67,500.00	0.00	0.00
209	CONSTRUCT BIO-FILTRATION SWALE - LINED	2250 SY	75.00	168,750.00	70.00	157,500.00	150.00	337,500.00	0.00	0.00
210	IRRIGATION SYSTEM	1 LS	*****	26,520.00	*****	25,000.00	*****	30,400.00	*****	0.00

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211	4 IN. DUCTILE IRRIGATION SLEEVE	60 LF	50.00	3,000.00	45.00	2,700.00	40.00	2,400.00	0.00	0.00
212	CEMENT CONCRETE CURB	50 LF	30.00	1,500.00	85.00	4,250.00	63.00	3,150.00	0.00	0.00
213	CEMENT CONCRETE DRIVEWAY	110 SY	90.00	9,900.00	95.00	10,450.00	107.00	11,770.00	0.00	0.00
214	CHAIN LINK FENCE TYPE 1 - BLACK	50 LF	20.00	1,000.00	40.00	2,000.00	50.00	2,500.00	0.00	0.00
215	CHAIN LINK FENCE TYPE 6 - BLACK	280 LF	18.00	5,040.00	35.00	9,800.00	40.00	11,200.00	0.00	0.00
216	END GATE CORNER AND PULL POST FOR CHAIN LINK FENCE	8 EA	32.00	256.00	125.00	1,000.00	125.00	1,000.00	0.00	0.00
217	SINGLE 4 FT CHAIN LINK GATE - BLACK	2 EA	550.00	1,100.00	500.00	1,000.00	500.00	1,000.00	0.00	0.00
218	DOUBLE 14 FT CHAIN LINK GATE - BLACK	2 EA	1,800.00	3,600.00	1,200.00	2,400.00	1,250.00	2,500.00	0.00	0.00
219	TEMPORARY CONSTRUCTION FENCE	600 LF	6.00	3,600.00	1.50	900.00	7.00	4,200.00	0.00	0.00
220	HAND PLACED RIPRAP	10 CY	60.00	600.00	100.00	1,000.00	140.00	1,400.00	0.00	0.00
221	STORMWATER PUMPS	1 LS	*****	84,000.00	*****	45,000.00	*****	70,000.00	*****	0.00
222	PUMP STARTUP/TESTING	1 LS	*****	10,000.00	*****	3,500.00	*****	3,200.00	*****	0.00
223	GENERAL ELECTRICAL	1 LS	*****	76,130.00	*****	65,000.00	*****	37,000.00	*****	0.00
224	CONTROL SYSTEM	1 LS	*****	95,030.00	*****	50,000.00	*****	53,000.00	*****	0.00
Schedule Totals				2,566,768.00		2,760,621.75		3,237,376.89		0.00

Project Number **2015130**

Erie & Trent Storm Facility

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	2,566,768.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,566,768.00
DW Excavating, Inc.	2,139,999.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,139,999.99
L & L Cargile Inc	2,181,644.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,181,644.99
Halme Construction Inc	2,334,953.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,334,953.64
LaRiviere Inc	2,760,621.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,760,621.75
Clearwater Constructio	3,237,376.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,237,376.89

Low Bid Contractor: DW Excavating, Inc.

	Contractor's Bid	Engineer's Estimate	% Variance	
Schedule 01	\$2,328,319.99	\$2,792,643.59	16.63	% Under Estimate
Bid Totals	\$2,328,319.99	\$2,792,643.59	16.63	% Under Estimate