

City Of Spokane
Engineering Services Department

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

Project Number: 2017141

Project Description: Rowan Ave. Sewer & Water (NSC)

Original Date: 10/9/2019 11:11:04 AM

Funding Source: State

Update Date: 1/27/2020 2:59:14 PM

Preparer: Jake Dial

Addendum:

Project Number: 2017141		Engineer's Estimate			DW Excavating, Inc_		Halme Construction Inc		S & L Underground 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 STREET IMPROVEMENT					Sales tax shall be included in unit prices					
101	ADA FEATURES SURVEY	1 LS	*****	2,000.00	*****	913.00	*****	386.64	*****	12,000.00
102	SPCC PLAN	1 LS	*****	1,000.00	*****	111.00	*****	500.00	*****	20,000.00
103	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	5,000.00	*****	2,220.00	*****	500.00	*****	45,000.00
104	HEALTH & SAFETY PLAN	1 LS	*****	8,000.00	*****	4,440.00	*****	4,418.65	*****	10,000.00
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	3 EA	580.00	1,740.00	555.00	1,665.00	552.33	1,656.99	700.00	2,100.00
106	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,250.00	*****	5,000.00	*****	4,970.98	*****	5,500.00
107	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
108	MOBILIZATION	1 LS	*****	250,318.00	*****	190,500.00	*****	360,000.00	*****	445,000.00
109	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	83,440.00	*****	37,000.00	*****	75,770.28	*****	60,000.00
110	SPECIAL SIGNS	400 SF	20.00	8,000.00	12.36	4,944.00	11.05	4,420.00	12.00	4,800.00
111	SEQUENTIAL ARROW SIGN	1400 HR	5.00	7,000.00	1.72	2,408.00	1.10	1,540.00	2.00	2,800.00
112	PORTABLE CHANGEABLE MESSAGE SIGN	4100 HR	7.00	28,700.00	3.78	15,498.00	3.31	13,571.00	3.00	12,300.00
113	TYPE III BARRICADE	65 EA	75.00	4,875.00	55.00	3,575.00	27.62	1,795.30	35.00	2,275.00
114	REMOVE EXISTING CURB	275 LF	7.50	2,062.50	3.00	825.00	2.75	756.25	6.00	1,650.00

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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> STREET IMPROVEMENT					Sales tax shall be included in unit prices					
115	REMOVE EXISTING CURB AND GUTTER	350 LF	8.25	2,887.50	3.50	1,225.00	3.03	1,060.50	8.00	2,800.00
116	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	125 SY	10.25	1,281.25	9.44	1,180.00	5.20	650.00	12.00	1,500.00
117	SAWCUTTING CURB	20 EA	35.00	700.00	35.15	703.00	22.09	441.80	65.00	1,300.00
118	SAWCUTTING FLEXIBLE PAVEMENT	1525 LFI	1.00	1,525.00	2.40	3,660.00	0.30	457.50	2.00	3,050.00
119	ROADWAY EXCAVATION INCL. HAUL	3200 CY	22.00	70,400.00	15.55	49,760.00	23.35	74,720.00	24.00	76,800.00
120	COMMON BORROW INCL. HAUL	100 CY	32.00	3,200.00	20.17	2,017.00	14.11	1,411.00	28.00	2,800.00
121	PREPARATION OF UNTREATED ROADWAY	11000 SY	2.00	22,000.00	0.92	10,120.00	1.61	17,710.00	2.00	22,000.00
122	CRUSHED SURFACING TOP COURSE	2100 CY	40.00	84,000.00	37.84	79,464.00	39.74	83,454.00	38.00	79,800.00
123	CSTC FOR SIDEWALK AND DRIVEWAYS	15 CY	85.00	1,275.00	146.00	2,190.00	72.71	1,090.65	65.00	975.00
124	DUST CONTROL	2950 SY	2.50	7,375.00	0.88	2,596.00	2.21	6,519.50	1.50	4,425.00
125	HMA CL 1/2 IN. PG 64-28, 3 IN. DEPTH	375 SY	20.00	7,500.00	25.00	9,375.00	23.20	8,700.00	25.00	9,375.00
126	HMA CL 1/2 IN. PG 64-28, 4 IN. DEPTH	3300 SY	23.00	75,900.00	28.63	94,479.00	26.51	87,483.00	28.00	92,400.00
127	HMA CL 1/2 IN. PG 70-28, 5 IN. DEPTH	1200 SY	27.00	32,400.00	29.52	35,424.00	27.34	32,808.00	29.00	34,800.00
128	HMA CL 1/2 IN. PG 70-28, 5.5 IN. DEPTH	1725 SY	30.00	51,750.00	35.00	60,375.00	32.03	55,251.75	34.00	58,650.00
129	HMA CL 1/2 IN. PG 70-28, 8 IN. DEPTH	1300 SY	32.00	41,600.00	66.80	86,840.00	61.86	80,418.00	60.00	78,000.00
130	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 EST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
131	COMPACTION PRICE ADJUSTMENT	12550 EST	1.00	12,550.00	1.00	12,550.00	1.00	12,550.00	1.00	12,550.00
132	STORM SEWER PIPE 10 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	375 EA	45.00	16,875.00	58.50	21,937.50	48.32	18,120.00	40.00	15,000.00
133	CATCH BASIN TYPE 3	2 EA	2,950.00	5,900.00	2,200.00	4,400.00	2,537.69	5,075.38	2,800.00	5,600.00

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134	CONNECT 8 IN. DIAM. PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	4 EA	800.00	3,200.00	260.00	1,040.00	285.84	1,143.36	2,400.00	9,600.00
135	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN ASPHALT	6 EA	625.00	3,750.00	560.00	3,360.00	465.36	2,792.16	500.00	3,000.00
136	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	4 EA	425.00	1,700.00	510.00	2,040.00	159.41	637.64	250.00	1,000.00
137	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & BI-DIRECTIONAL VANED GRATE	1 EA	750.00	750.00	835.00	835.00	1,941.97	1,941.97	800.00	800.00
138	DRYWELL TYPE 1	1 EA	4,500.00	4,500.00	3,100.00	3,100.00	3,451.59	3,451.59	12,000.00	12,000.00
139	CLEANING EXISTING DRAINAGE STRUCTURE	15 EA	325.00	4,875.00	671.00	10,065.00	93.16	1,397.40	800.00	12,000.00
140	CATCH BASIN SEWER D.I. PIPE 8 IN. DIAM.	275 LF	40.00	11,000.00	66.00	18,150.00	42.38	11,654.50	70.00	19,250.00
141	ESC LEAD	1 LS	*****	5,000.00	*****	56.00	*****	500.00	*****	25,000.00
142	INLET PROTECTION	22 EA	90.00	1,980.00	61.00	1,342.00	57.63	1,267.86	150.00	3,300.00
143	STABILIZED CONSTRUCTION ENTRANCE	125 SY	18.00	2,250.00	17.00	2,125.00	23.87	2,983.75	30.00	3,750.00
144	SEEDING, FERTILIZING, & MULCHING	30 SY	3.00	90.00	57.00	1,710.00	3.58	107.40	40.00	1,200.00
145	TOPSOIL TYPE A, 2 INCH THICK	60 SY	11.50	690.00	14.00	840.00	7.04	422.40	65.00	3,900.00
146	SOD INSTALLATION	60 SY	18.75	1,125.00	17.00	1,020.00	9.29	557.40	4.00	240.00
147	CEMENT CONCRETE CURB	125 LF	38.00	4,750.00	38.00	4,750.00	35.35	4,418.75	32.00	4,000.00
148	CEMENT CONC. CURB AND GUTTER	350 LF	42.00	14,700.00	49.00	17,150.00	38.66	13,531.00	35.00	12,250.00
149	CEMENT CONCRETE DRIVEWAY	25 SY	78.00	1,950.00	86.00	2,150.00	125.93	3,148.25	130.00	3,250.00
150	CEMENT CONCRETE DRIVEWAY TRANSITION	10 SY	78.00	780.00	93.00	930.00	101.63	1,016.30	92.00	920.00

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151	CEMENT CONC. SIDEWALK	125 SY	78.00	9,750.00	109.00	13,625.00	71.80	8,975.00	65.00	8,125.00
152	RAMP DETECTABLE WARNING RETROFIT	20 SF	31.00	620.00	23.00	460.00	55.23	1,104.60	60.00	1,200.00
153	SIGNING, PERMANENT, CONTRACTOR MANUF SIGNS	1 LS	*****	2,000.00	*****	3,500.00	*****	3,313.99	*****	5,000.00
154	PAVEMENT MARKING - DURABLE HEAT APPLIED	160 SF	10.50	1,680.00	14.00	2,240.00	13.26	2,121.60	16.00	2,560.00
155	BOLLARD TYPE II	2 EA	1,200.00	2,400.00	1,280.00	2,560.00	1,215.13	2,430.26	1,800.00	3,600.00
Schedule Totals				924,044.25		840,442.50		1,027,124.35		1,261,195.00

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<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 02</i> NON STREET IMPROVEMENT				Sales tax shall NOT be included in unit prices						
0		0 EA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
201	RAILROAD SURVEYING	1 LS	*****	25,000.00	*****	30,000.00	*****	1,159.90	*****	25,000.00
202	POTHOLING	20 EA	500.00	10,000.00	366.00	7,320.00	364.99	7,299.80	250.00	5,000.00
203	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	10 EA	685.00	6,850.00	318.00	3,180.00	182.97	1,829.70	250.00	2,500.00
204	REMOVE EXISTING <12 IN. DIAMETER PIPE	175 LF	16.50	2,887.50	6.00	1,050.00	5.21	911.75	12.00	2,100.00
205	REMOVE EXISTING >12 IN. TO <30 IN. DIAM. PIPE	25 LF	16.50	412.50	14.00	350.00	6.41	160.25	24.00	600.00
206	REMOVE UNSUITABLE FOUNDATION MATERIAL	85 CY	20.00	1,700.00	22.00	1,870.00	14.63	1,243.55	32.00	2,720.00
207	REPLACE UNSUITABLE FOUNDATION MATERIAL	85 CY	35.00	2,975.00	36.00	3,060.00	11.91	1,012.35	32.00	2,720.00
208	EXCAVATION & DISPOSAL OF CONTAMINATED MATL	2500 CY	125.00	312,500.00	23.80	59,500.00	21.31	53,275.00	60.00	150,000.00
209	EMBANKMENT COMPACTION	2500 CY	2.50	6,250.00	6.00	15,000.00	2.20	5,500.00	12.00	30,000.00
210	MANHOLE 48 IN	8 EA	3,600.00	28,800.00	2,000.00	16,000.00	4,486.94	35,895.52	5,500.00	44,000.00
211	MANHOLE ADDITIONAL HEIGHT 48" DIAM	20 VF	135.00	2,700.00	3.00	60.00	49.44	988.80	100.00	2,000.00
212	MANHOLE 48 IN, PVC	2 EA	10,000.00	20,000.00	10,000.00	20,000.00	10,499.79	20,999.58	14,000.00	28,000.00
213	MANHOLE 60 IN, PVC	1 EA	15,000.00	15,000.00	19,000.00	19,000.00	19,795.89	19,795.89	22,000.00	22,000.00
214	MANHOLE 60 IN, DOGHOUSE	1 LS	*****	25,000.00	*****	8,700.00	*****	8,228.80	*****	12,000.00
215	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	10 EA	725.00	7,250.00	800.00	8,000.00	540.33	5,403.30	500.00	5,000.00
216	MANHOLE TEST	10 EA	825.00	8,250.00	166.00	1,660.00	604.03	6,040.30	500.00	5,000.00
217	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	26.50	265.00	24.00	240.00	14.63	146.30	48.00	480.00
218	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	30.25	302.50	41.00	410.00	11.91	119.10	38.00	380.00

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<i>Schedule 02</i> NON STREET IMPROVEMENT					Sales tax shall NOT be included in unit prices					
219	TRENCH SAFETY SYSTEM	1 LS	*****	10,000.00	*****	45,600.00	*****	50,000.00	*****	35,000.00
220	PLUGGING EXISTING PIPE	10 EA	286.00	2,860.00	150.00	1,500.00	228.12	2,281.20	500.00	5,000.00
221	STEEL CASING PIPE 36 IN. DIAM., TRENCHLESS	875 LF	1,800.00	1,575,000.00	1,188.00	1,039,500.00	1,028.57	899,998.75	1,283.00	1,122,625.00
222	STEEL CASING PIPE 36 IN. DIAM., OPEN CUT	1075 LF	400.00	430,000.00	349.72	375,949.00	364.51	391,848.25	275.00	295,625.00
223	EXCAVATION & SUPPORT FOR TRENCHLESS	1 LS	*****	125,000.00	*****	112,600.00	*****	58,592.40	*****	110,000.00
224	D.I. CARRIER PIPE FOR WATER MAIN 12 IN. DIAM.	650 LF	105.00	68,250.00	53.00	34,450.00	85.18	55,367.00	140.00	91,000.00
225	D.I. CARRIER PIPE FOR SANITARY FORCE MAIN 8 IN. DIAM	650 LF	85.00	55,250.00	39.80	25,870.00	71.70	46,605.00	125.00	81,250.00
226	D.I. CARRIER PIPE FOR SANITARY FORCE MAIN 12 IN. DIAM.	650 LF	105.00	68,250.00	53.00	34,450.00	85.18	55,367.00	140.00	91,000.00
227	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	5,000.00	*****	35,000.00	*****	35,000.00
228	CLEANING EXISTING SANITARY SEWER	5 EA	400.00	2,000.00	689.00	3,445.00	331.40	1,657.00	4,500.00	22,500.00
229	D.I. PIPE FOR WATER MAIN 4 IN. DIAM.	40 LF	85.00	3,400.00	82.00	3,280.00	56.01	2,240.40	75.00	3,000.00
230	D.I. PIPE FOR WATER MAIN 6 IN. DIAM.	75 LF	85.00	6,375.00	58.00	4,350.00	50.40	3,780.00	84.00	6,300.00
231	D.I. PIPE FOR WATER MAIN 12 IN. DIAM.	3075 LF	65.00	199,875.00	92.00	282,900.00	75.02	230,686.50	90.00	276,750.00
232	SLEEVE AT WATER/SEWER CROSSING	12 EA	1,475.00	17,700.00	1,300.00	15,600.00	1,691.32	20,295.84	1,500.00	18,000.00
233	GATE VALVE 6 IN.	2 EA	1,500.00	3,000.00	1,000.00	2,000.00	1,133.68	2,267.36	1,200.00	2,400.00
234	GATE VALVE 8 IN.	3 EA	1,800.00	5,400.00	1,424.00	4,272.00	1,541.35	4,624.05	1,600.00	4,800.00
235	GATE VALVE 12 IN.	11 EA	2,800.00	30,800.00	2,435.00	26,785.00	2,547.73	28,025.03	3,200.00	35,200.00
236	HYDRANT ASSEMBLY	4 EA	5,450.00	21,800.00	5,100.00	20,400.00	5,285.20	21,140.80	5,500.00	22,000.00
237	MOVING EXISTING HYDRANT	1 EA	5,000.00	5,000.00	695.00	695.00	1,918.08	1,918.08	4,500.00	4,500.00

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238	TRENCH EXCAVATION FOR WATER SERVICE TAP	225 LF	25.00	5,625.00	43.00	9,675.00	23.41	5,267.25	45.00	10,125.00
239	SANITARY SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	600 LF	63.00	37,800.00	76.00	45,600.00	20.00	12,000.00	94.00	56,400.00
240	SANITARY SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	15 LF	65.50	982.50	98.00	1,470.00	100.03	1,500.45	110.00	1,650.00
241	SANITARY SEWER PIPE 15 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	600 LF	87.00	52,200.00	64.50	38,700.00	72.55	43,530.00	125.00	75,000.00
242	D.I. PIPE FOR FORCE MAIN 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	2275 LF	65.00	147,875.00	65.00	147,875.00	70.26	159,841.50	88.00	200,200.00
243	CERAMIC D.I. PIPE FOR FORCE MAIN 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	36 LF	150.00	5,400.00	142.00	5,112.00	117.74	4,238.64	124.00	4,464.00
244	D.I. PIPE FOR FORCE MAIN 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	2275 LF	85.00	193,375.00	81.50	185,412.50	83.52	190,008.00	105.00	238,875.00
245	CERAMIC D.I. PIPE FOR FORCE MAIN 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	25 LF	200.00	5,000.00	239.00	5,975.00	169.37	4,234.25	168.00	4,200.00
246	CONNECTION TO EXISTING FORCE MAIN	1 LS	*****	8,000.00	*****	3,700.00	*****	9,996.88	*****	42,000.00
247	SIDE SEWER PIPE 4 IN. DIAM.	175 LF	29.50	5,162.50	43.00	7,525.00	44.83	7,845.25	120.00	21,000.00
248	SIDE SEWER PIPE 6 IN. DIAM.	300 LF	30.50	9,150.00	87.00	26,100.00	50.86	15,258.00	128.00	38,400.00
249	ABANDON EXISTING 14 IN. FORCE MAIN	1 LS	*****	25,000.00	*****	36,400.00	*****	68,460.33	*****	25,000.00
Schedule Totals				3,606,672.50		2,747,590.50		2,603,885.10		3,318,764.00

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Schedule 01 STREET IMPROVEMENT

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102	SPCC PLAN	1 LS	*****	1,000.00		*****	2,800.00	*****	0.00
103	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	5,000.00		*****	5,600.00	*****	0.00
104	HEALTH & SAFETY PLAN	1 LS	*****	8,000.00			3,300.00	*****	0.00
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	3 EA	580.00	1,740.00			6,900.00	0.00	0.00
106	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,250.00			1,100.00	*****	0.00
107	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00			1.00	0.00	0.00
108	MOBILIZATION	1 LS	*****	250,318.00			495,000.00	*****	0.00
109	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	83,440.00			135,000.00	*****	0.00
110	SPECIAL SIGNS	400 SF	20.00	8,000.00			8,400.00	0.00	0.00
111	SEQUENTIAL ARROW SIGN	1400 HR	5.00	7,000.00			3,920.00	0.00	0.00
112	PORTABLE CHANGEABLE MESSAGE SIGN	4100 HR	7.00	28,700.00			17,220.00	0.00	0.00
113	TYPE III BARRICADE	65 EA	75.00	4,875.00			715.00	0.00	0.00
114	REMOVE EXISTING CURB	275 LF	7.50	2,062.50			3,300.00	0.00	0.00
115	REMOVE EXISTING CURB AND GUTTER	350 LF	8.25	2,887.50			4,200.00	0.00	0.00
116	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	125 SY	10.25	1,281.25			2,375.00	0.00	0.00
117	SAWCUTTING CURB	20 EA	35.00	700.00			560.00	0.00	0.00
118	SAWCUTTING FLEXIBLE PAVEMENT	1525 LFI	1.00	1,525.00			533.75	0.00	0.00
119	ROADWAY EXCAVATION INCL. HAUL	3200 CY	22.00	70,400.00			70,400.00	0.00	0.00

<i>Project Number:</i> 2017141		<i>Engineer's Estimate</i>					LaRiviere Inc			
<i>Item No</i>	<i>Bid Item Description</i>	<i>Est. Qty</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>
<i>Schedule Description</i>						<i>Tax Classification</i>				
<i>Schedule 01</i> STREET IMPROVEMENT						Sales tax shall be included in unit prices				
120	COMMON BORROW INCL. HAUL	100 CY	32.00	3,200.00			47.00	4,700.00	0.00	0.00
121	PREPARATION OF UNTREATED ROADWAY	11000 SY	2.00	22,000.00			1.60	17,600.00	0.00	0.00
122	CRUSHED SURFACING TOP COURSE	2100 CY	40.00	84,000.00			48.00	100,800.00	0.00	0.00
123	CSTC FOR SIDEWALK AND DRIVEWAYS	15 CY	85.00	1,275.00			110.00	1,650.00	0.00	0.00
124	DUST CONTROL	2950 SY	2.50	7,375.00			0.95	2,802.50	0.00	0.00
125	HMA CL 1/2 IN. PG 64-28, 3 IN. DEPTH	375 SY	20.00	7,500.00			23.00	8,625.00	0.00	0.00
126	HMA CL 1/2 IN. PG 64-28, 4 IN. DEPTH	3300 SY	23.00	75,900.00			27.00	89,100.00	0.00	0.00
127	HMA CL 1/2 IN. PG 70-28, 5 IN. DEPTH	1200 SY	27.00	32,400.00			28.00	33,600.00	0.00	0.00
128	HMA CL 1/2 IN. PG 70-28, 5.5 IN. DEPTH	1725 SY	30.00	51,750.00			32.00	55,200.00	0.00	0.00
129	HMA CL 1/2 IN. PG 70-28, 8 IN. DEPTH	1300 SY	32.00	41,600.00			62.00	80,600.00	0.00	0.00
130	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 EST	-1.00	-1.00			-1.00	-1.00	0.00	0.00
131	COMPACTION PRICE ADJUSTMENT	12550 EST	1.00	12,550.00			1.00	12,550.00	0.00	0.00
132	STORM SEWER PIPE 10 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	375 EA	45.00	16,875.00			64.00	24,000.00	0.00	0.00
133	CATCH BASIN TYPE 3	2 EA	2,950.00	5,900.00			2,700.00	5,400.00	0.00	0.00
134	CONNECT 8 IN. DIAM. PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	4 EA	800.00	3,200.00			910.00	3,640.00	0.00	0.00
135	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN ASPHALT	6 EA	625.00	3,750.00			610.00	3,660.00	0.00	0.00
136	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	4 EA	425.00	1,700.00			610.00	2,440.00	0.00	0.00

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<i>Schedule Description</i>						<i>Tax Classification</i>				
<i>Schedule 01</i> STREET IMPROVEMENT						Sales tax shall be included in unit prices				
137	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & BI-DIRECTIONAL VANED GRATE	1 EA	750.00	750.00			580.00	580.00	0.00	0.00
138	DRYWELL TYPE 1	1 EA	4,500.00	4,500.00			3,700.00	3,700.00	0.00	0.00
139	CLEANING EXISTING DRAINAGE STRUCTURE	15 EA	325.00	4,875.00			330.00	4,950.00	0.00	0.00
140	CATCH BASIN SEWER D.I. PIPE 8 IN. DIAM.	275 LF	40.00	11,000.00			68.00	18,700.00	0.00	0.00
141	ESC LEAD	1 LS	*****	5,000.00			*****	2,000.00	*****	0.00
142	INLET PROTECTION	22 EA	90.00	1,980.00			89.00	1,958.00	0.00	0.00
143	STABILIZED CONSTRUCTION ENTRANCE	125 SY	18.00	2,250.00			22.00	2,750.00	0.00	0.00
144	SEEDING, FERTILIZING, & MULCHING	30 SY	3.00	90.00			11.00	330.00	0.00	0.00
145	TOPSOIL TYPE A, 2 INCH THICK	60 SY	11.50	690.00			33.00	1,980.00	0.00	0.00
146	SOD INSTALLATION	60 SY	18.75	1,125.00			28.00	1,680.00	0.00	0.00
147	CEMENT CONCRETE CURB	125 LF	38.00	4,750.00			45.00	5,625.00	0.00	0.00
148	CEMENT CONC. CURB AND GUTTER	350 LF	42.00	14,700.00			45.00	15,750.00	0.00	0.00
149	CEMENT CONCRETE DRIVEWAY	25 SY	78.00	1,950.00			67.00	1,675.00	0.00	0.00
150	CEMENT CONCRETE DRIVEWAY TRANSITION	10 SY	78.00	780.00			67.00	670.00	0.00	0.00
151	CEMENT CONC. SIDEWALK	125 SY	78.00	9,750.00			67.00	8,375.00	0.00	0.00
152	RAMP DETECTABLE WARNING RETROFIT	20 SF	31.00	620.00			28.00	560.00	0.00	0.00
153	SIGNING, PERMANENT, CONTRACTOR MANUF SIGNS	1 LS	*****	2,000.00			*****	3,300.00	*****	0.00
154	PAVEMENT MARKING - DURABLE HEAT APPLIED	160 SF	10.50	1,680.00			13.00	2,080.00	0.00	0.00

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Schedule Description

Tax Classification

<i>Schedule 01</i>		STREET IMPROVEMENT				Sales tax shall be included in unit prices				
155	BOLLARD TYPE II	2 EA	1,200.00	2,400.00			1,200.00	2,400.00	0.00	0.00
				<i>Schedule Totals</i>	924,044.25				1,288,954.25	0.00

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<i>Item No</i>	<i>Bid Item Description</i>	<i>Est. Qty</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>
<i>Schedule Description</i>						<i>Tax Classification</i>				
<i>Schedule 02</i> NON STREET IMPROVEMENT						Sales tax shall NOT be included in unit prices				
0		0 EA	0.00	0.00			0.00	0.00	0.00	0.00
201	RAILROAD SURVEYING	1 LS	*****	25,000.00			*****	16,000.00	*****	0.00
202	POTHOLING	20 EA	500.00	10,000.00			710.00	14,200.00	0.00	0.00
203	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	10 EA	685.00	6,850.00			780.00	7,800.00	0.00	0.00
204	REMOVE EXISTING <12 IN. DIAMETER PIPE	175 LF	16.50	2,887.50			10.00	1,750.00	0.00	0.00
205	REMOVE EXISTING >12 IN. TO <30 IN. DIAM. PIPE	25 LF	16.50	412.50			21.00	525.00	0.00	0.00
206	REMOVE UNSUITABLE FOUNDATION MATERIAL	85 CY	20.00	1,700.00			29.00	2,465.00	0.00	0.00
207	REPLACE UNSUITABLE FOUNDATION MATERIAL	85 CY	35.00	2,975.00			52.00	4,420.00	0.00	0.00
208	EXCAVATION & DISPOSAL OF CONTAMINATED MATL	2500 CY	125.00	312,500.00			110.00	275,000.00	0.00	0.00
209	EMBANKMENT COMPACTION	2500 CY	2.50	6,250.00			3.90	9,750.00	0.00	0.00
210	MANHOLE 48 IN	8 EA	3,600.00	28,800.00			3,400.00	27,200.00	0.00	0.00
211	MANHOLE ADDITIONAL HEIGHT 48" DIAM	20 VF	135.00	2,700.00			290.00	5,800.00	0.00	0.00
212	MANHOLE 48 IN, PVC	2 EA	10,000.00	20,000.00			10,500.00	21,000.00	0.00	0.00
213	MANHOLE 60 IN, PVC	1 EA	15,000.00	15,000.00			21,000.00	21,000.00	0.00	0.00
214	MANHOLE 60 IN, DOGHOUSE	1 LS	*****	25,000.00			*****	7,200.00	*****	0.00
215	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	10 EA	725.00	7,250.00			690.00	6,900.00	0.00	0.00
216	MANHOLE TEST	10 EA	825.00	8,250.00			770.00	7,700.00	0.00	0.00
217	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	26.50	265.00			26.00	260.00	0.00	0.00
218	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	30.25	302.50			55.00	550.00	0.00	0.00

<i>Project Number:</i> 2017141		<i>Engineer's Estimate</i>					LaRiviere Inc			
<i>Item No</i>	<i>Bid Item Description</i>	<i>Est. Qty</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>	<i>Unit Price</i>	<i>Amount</i>
<i>Schedule Description</i>						<i>Tax Classification</i>				
<i>Schedule 02</i> NON STREET IMPROVEMENT						Sales tax shall NOT be included in unit prices				
219	TRENCH SAFETY SYSTEM	1 LS	*****	10,000.00			*****	28,000.00	*****	0.00
220	PLUGGING EXISTING PIPE	10 EA	286.00	2,860.00			240.00	2,400.00	0.00	0.00
221	STEEL CASING PIPE 36 IN. DIAM., TRENCHLESS	875 LF	1,800.00	1,575,000.00			1,700.00	1,487,500.00	0.00	0.00
222	STEEL CASING PIPE 36 IN. DIAM., OPEN CUT	1075 LF	400.00	430,000.00			370.00	397,750.00	0.00	0.00
223	EXCAVATION & SUPPORT FOR TRENCHLESS	1 LS	*****	125,000.00			*****	96,500.00	*****	0.00
224	D.I. CARRIER PIPE FOR WATER MAIN 12 IN. DIAM.	650 LF	105.00	68,250.00			120.00	78,000.00	0.00	0.00
225	D.I. CARRIER PIPE FOR SANITARY FORCE MAIN 8 IN. DIAM	650 LF	85.00	55,250.00			110.00	71,500.00	0.00	0.00
226	D.I. CARRIER PIPE FOR SANITARY FORCE MAIN 12 IN. DIAM.	650 LF	105.00	68,250.00			110.00	71,500.00	0.00	0.00
227	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00			*****	16,500.00	*****	0.00
228	CLEANING EXISTING SANITARY SEWER	5 EA	400.00	2,000.00			840.00	4,200.00	0.00	0.00
229	D.I. PIPE FOR WATER MAIN 4 IN. DIAM.	40 LF	85.00	3,400.00			85.00	3,400.00	0.00	0.00
230	D.I. PIPE FOR WATER MAIN 6 IN. DIAM.	75 LF	85.00	6,375.00			130.00	9,750.00	0.00	0.00
231	D.I. PIPE FOR WATER MAIN 12 IN. DIAM.	3075 LF	65.00	199,875.00			97.00	298,275.00	0.00	0.00
232	SLEEVE AT WATER/SEWER CROSSING	12 EA	1,475.00	17,700.00			1,300.00	15,600.00	0.00	0.00
233	GATE VALVE 6 IN.	2 EA	1,500.00	3,000.00			1,300.00	2,600.00	0.00	0.00
234	GATE VALVE 8 IN.	3 EA	1,800.00	5,400.00			1,800.00	5,400.00	0.00	0.00
235	GATE VALVE 12 IN.	11 EA	2,800.00	30,800.00			3,000.00	33,000.00	0.00	0.00
236	HYDRANT ASSEMBLY	4 EA	5,450.00	21,800.00			6,600.00	26,400.00	0.00	0.00
237	MOVING EXISTING HYDRANT	1 EA	5,000.00	5,000.00			3,800.00	3,800.00	0.00	0.00

Project Number: 2017141		Engineer's Estimate				LaRiviere 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 02 NON STREET IMPROVEMENT					Sales tax shall NOT be included in unit prices					
238	TRENCH EXCAVATION FOR WATER SERVICE TAP	225 LF	25.00	5,625.00			33.00	7,425.00	0.00	0.00
239	SANITARY SEWER PIPE 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	600 LF	63.00	37,800.00			47.00	28,200.00	0.00	0.00
240	SANITARY SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	15 LF	65.50	982.50			100.00	1,500.00	0.00	0.00
241	SANITARY SEWER PIPE 15 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	600 LF	87.00	52,200.00			110.00	66,000.00	0.00	0.00
242	D.I. PIPE FOR FORCE MAIN 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	2275 LF	65.00	147,875.00			70.00	159,250.00	0.00	0.00
243	CERAMIC D.I. PIPE FOR FORCE MAIN 8 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	36 LF	150.00	5,400.00			85.00	3,060.00	0.00	0.00
244	D.I. PIPE FOR FORCE MAIN 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	2275 LF	85.00	193,375.00			82.00	186,550.00	0.00	0.00
245	CERAMIC D.I. PIPE FOR FORCE MAIN 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	25 LF	200.00	5,000.00			110.00	2,750.00	0.00	0.00
246	CONNECTION TO EXISTING FORCE MAIN	1 LS	*****	8,000.00			*****	57,500.00	*****	0.00
247	SIDE SEWER PIPE 4 IN. DIAM.	175 LF	29.50	5,162.50			45.00	7,875.00	0.00	0.00
248	SIDE SEWER PIPE 6 IN. DIAM.	300 LF	30.50	9,150.00			47.00	14,100.00	0.00	0.00
249	ABANDON EXISTING 14 IN. FORCE MAIN	1 LS	*****	25,000.00			*****	47,500.00	*****	0.00
Schedule Totals				3,606,672.50				3,663,305.00		0.00

Project Number

2017141

Rowan Ave. Sewer & Water (NSC)

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	924,044.25	3,606,672.50	0.00	0.00	0.00	0.00	0.00	0.00	4,530,716.75
DW Excavating, Inc.	840,442.50	2,747,590.50	0.00	0.00	0.00	0.00	0.00	0.00	3,588,033.00
Halme Construction Inc	1,027,124.35	2,603,885.10	0.00	0.00	0.00	0.00	0.00	0.00	3,631,009.45
S & L Underground inc	1,261,195.00	3,318,764.00	0.00	0.00	0.00	0.00	0.00	0.00	4,579,959.00
LaRiviere Inc	1,288,954.25	3,663,305.00	0.00	0.00	0.00	0.00	0.00	0.00	4,952,259.25

Low Bid Contractor: DW Excavating, Inc.

	Contractor's Bid	Engineer's Estimate	% Variance	
Schedule 01	\$840,442.50	\$924,044.25	9.05	% Under Estimate
Schedule 02	\$2,992,126.04	\$3,927,666.34	23.82	% Under Estimate
Bid Totals	\$3,832,568.54	\$4,851,710.59	21.01	% Under Estimate