

City Of Spokane
Engineering Services Department

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

Project Number: 2016059

Project Description: South Gorge Trail - Phase 1

Funding Source:

Preparer: Rich Proszek

Original Date: 6/10/2019 10:33:46 AM

Update Date: 7/16/2019 8:18:52 AM

Addendum:

Project Number: 2016059		Engineer's Estimate			Halme Construction Inc		Red Diamond Construction Inc		L & L Cargile 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 Improvements					Sales tax shall be included in unit prices					
101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
102	SPCC PLAN	1 LS	*****	1,200.00	*****	500.00	*****	600.00	*****	200.00
103	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	30000 EST	1.00	30,000.00	1.00	30,000.00	1.00	30,000.00	1.00	30,000.00
104	POTHOLING	14 EA	500.00	7,000.00	446.23	6,247.22	250.00	3,500.00	150.00	2,100.00
105	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	20,000.00	*****	500.00	*****	1,500.00	*****	1,500.00
106	REFERENCE AND REESTABLISH SURVEY MONUMENT	6 EA	700.00	4,200.00	434.43	2,606.58	550.00	3,300.00	550.00	3,300.00
107	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,000.00	*****	2,896.16	*****	3,000.00	*****	4,000.00
108	MOBILIZATION	1 LS	*****	139,000.00	*****	139,000.00	*****	280,000.00	*****	138,052.00
109	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	25,000.00	*****	19,836.74	*****	22,000.00	*****	40,622.00
110	SPECIAL SIGNS	125 SF	20.00	2,500.00	11.59	1,448.75	10.00	1,250.00	10.00	1,250.00
111	PORTABLE CHANGEABLE MESSAGE SIGN	400 HR	7.00	2,800.00	4.34	1,736.00	9.00	3,600.00	3.75	1,500.00
112	TYPE III BARRICADE	7 EA	50.00	350.00	57.93	405.51	40.00	280.00	50.00	350.00
113	CLEARING AND GRUBBING	1 LS	*****	25,000.00	*****	14,447.73	*****	3,000.00	*****	6,000.00
114	AIR OR HYDRO EVACUATION	6 EA	700.00	4,200.00	781.96	4,691.76	700.00	4,200.00	450.00	2,700.00

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115	TREE PROTECTION ZONE	42 EA	350.00	14,700.00	157.12	6,599.04	225.00	9,450.00	180.00	7,560.00
116	REMOVE TREE, CLASS I	34 EA	400.00	13,600.00	208.52	7,089.68	300.00	10,200.00	180.00	6,120.00
117	REMOVE TREE, CLASS II	2 EA	1,100.00	2,200.00	1,112.13	2,224.26	1,000.00	2,000.00	900.00	1,800.00
118	TREE PRUNING	66 EA	450.00	29,700.00	208.52	13,762.32	225.00	14,850.00	165.00	10,890.00
119	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	5,000.00	*****	5,239.78	*****	2,500.00	*****	4,500.00
120	REMOVE EXISTING CURB	1325 LF	12.00	15,900.00	2.80	3,710.00	5.00	6,625.00	10.00	13,250.00
121	REMOVE EXISTING CURB AND GUTTER	120 LF	14.00	1,680.00	6.35	762.00	8.00	960.00	10.00	1,200.00
122	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	175 SY	16.00	2,800.00	5.00	875.00	8.00	1,400.00	10.00	1,750.00
123	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	1 EA	600.00	600.00	277.19	277.19	500.00	500.00	540.00	540.00
124	REMOVE CURB/GRATE INLET	1 EA	375.00	375.00	277.19	277.19	200.00	200.00	290.00	290.00
125	REMOVE EXISTING < 12 IN. DIAMETER PIPE	60 LF	10.00	600.00	6.72	403.20	4.00	240.00	5.00	300.00
126	SAWCUTTING CURB	6 EA	42.00	252.00	23.17	139.02	45.00	270.00	25.00	150.00
127	SAWCUTTING RIGID PAVEMENT	210 LFI	1.10	231.00	1.05	220.50	3.00	630.00	1.00	210.00
128	SAWCUTTING FLEXIBLE PAVEMENT	2520 LFI	0.90	2,268.00	0.31	781.20	0.60	1,512.00	0.40	1,008.00
129	REMOVE GUARDRAIL	270 LF	10.00	2,700.00	11.59	3,129.30	7.00	1,890.00	10.00	2,700.00
130	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	5 EA	550.00	2,750.00	260.48	1,302.40	350.00	1,750.00	275.00	1,375.00
131	ROADWAY EXCAVATION INCL. HAUL	2610 CY	25.00	65,250.00	19.86	51,834.60	16.00	41,760.00	21.00	54,810.00
132	ROADWAY EXCAVATION INCL. HAUL - AREA (TRAIL)	100 CY	38.00	3,800.00	3.77	377.00	16.00	1,600.00	16.00	1,600.00
133	TRAIL EMBANKMENT	850 CY	12.00	10,200.00	7.53	6,400.50	8.00	6,800.00	4.50	3,825.00

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134	REMOVE UNSUITABLE FOUNDATION MATERIAL	60 CY	25.00	1,500.00	15.34	920.40	0.01	0.60	10.00	600.00
135	REPLACE UNSUITABLE FOUNDATION MATERIAL	60 CY	32.00	1,920.00	11.34	680.40	0.01	0.60	15.00	900.00
136	COMMON BORROW INCL. HAUL	50 CY	25.00	1,250.00	11.34	567.00	29.00	1,450.00	25.00	1,250.00
137	SITE SHAPING & GRADING	1 LS	*****	7,500.00	*****	23,169.30	*****	2,800.00	*****	4,000.00
138	PREPARATION OF UNTREATED ROADWAY	9750 SY	3.00	29,250.00	1.16	11,310.00	2.00	19,500.00	2.00	19,500.00
139	CONSTRUCTION GEOSYNTHETIC FOR SOIL STABILIZATION	120 SY	2.50	300.00	3.70	444.00	4.00	480.00	2.00	240.00
140	CRUSHED SURFACING TOP COURSE	820 CY	52.00	42,640.00	46.53	38,154.60	40.00	32,800.00	53.00	43,460.00
141	CRUSHED SURFACING BASE COURSE	690 CY	45.00	31,050.00	42.72	29,476.80	40.00	27,600.00	46.00	31,740.00
142	CSTC FOR SIDEWALK AND DRIVEWAYS	25 CY	110.00	2,750.00	50.77	1,269.25	100.00	2,500.00	90.00	2,250.00
143	DUST PALLIATIVE	20000 FA	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00
144	HMA CL. 1/2 IN. PG 64-26, 5 INCH THICK	7155 SY	25.00	178,875.00	27.17	194,401.35	24.00	171,720.00	26.00	186,030.00
145	HMA CL. 3/8 IN. PG 64-26, 2 INCH THICK	2310 SY	11.00	25,410.00	12.16	28,089.60	11.00	25,410.00	14.30	33,033.00
146	HMA FOR HEADERS CL. 1/2 IN. PG 64-28, 3 INCH THICK	285 SY	16.00	4,560.00	25.37	7,230.45	22.50	6,412.50	23.00	6,555.00
147	SOIL RESIDUAL HERBICIDE	9750 SY	0.60	5,850.00	0.27	2,632.50	0.26	2,535.00	0.25	2,437.50
148	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 EST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
149	COMPACTION PRICE ADJUSTMENT	4000 EST	1.00	4,000.00	1.00	4,000.00	1.00	4,000.00	1.00	4,000.00
150	CEMENT CONCRETE CURB WALL	375 LF	70.00	26,250.00	93.84	35,190.00	50.00	18,750.00	83.20	31,200.00
151	DRIVING ST. PILE	40 EA	600.00	24,000.00	949.37	37,974.80	0.01	0.40	1,000.00	40,000.00
152	FURNISHING ST. PILING, 4 INCH DIAM.	340 LF	50.00	17,000.00	57.93	19,696.20	0.01	3.40	20.00	6,800.00

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153	FURNISHING STEEL PILE TIP OR SHOE, 4 INCH DIAM	40 EA	50.00	2,000.00	57.93	2,317.20	0.01	0.40	125.00	5,000.00
154	WSDOT LOW PROFILE BARRIER CURB	280 LF	160.00	44,800.00	144.82	40,549.60	247.00	69,160.00	137.00	38,360.00
155	RETAINING WALL SUPPORT BEAM	370 LF	150.00	55,500.00	94.40	34,928.00	70.00	25,900.00	75.00	27,750.00
156	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	350 CY	65.00	22,750.00	45.61	15,963.50	30.00	10,500.00	70.00	24,500.00
157	SEGMENTAL CONCRETE RETAINING WALL	1480 SF	45.00	66,600.00	19.98	29,570.40	36.00	53,280.00	35.60	52,688.00
158	UNDERDRAIN PIPE 4 IN. DIAM.	280 LF	22.00	6,160.00	6.16	1,724.80	15.00	4,200.00	12.00	3,360.00
159	GRAVEL BACKFILL FOR DRAIN	15 CY	65.00	975.00	79.23	1,188.45	85.00	1,275.00	60.00	900.00
160	PIPE GUARD - 8 INCH	4 EA	350.00	1,400.00	163.60	654.40	150.00	600.00	158.00	632.00
161	GRATE INLET TYPE 3	4 EA	1,700.00	6,800.00	1,618.95	6,475.80	2,600.00	10,400.00	2,200.00	8,800.00
162	DRYWELL TYPE 1	4 EA	3,700.00	14,800.00	2,905.43	11,621.72	3,800.00	15,200.00	3,550.00	14,200.00
163	DRYWELL TYPE 1 SPECIAL	2 EA	3,900.00	7,800.00	2,951.76	5,903.52	4,000.00	8,000.00	4,000.00	8,000.00
164	DRYWELL TYPE 2	1 EA	4,200.00	4,200.00	4,183.99	4,183.99	4,500.00	4,500.00	4,848.00	4,848.00
165	MANHOLE TYPE - MODIFIED SHALLOW	3 EA	2,000.00	6,000.00	2,977.63	8,932.89	2,800.00	8,400.00	1,570.00	4,710.00
166	CATCH BASIN TYPE 1	2 EA	2,500.00	5,000.00	2,207.71	4,415.42	2,800.00	5,600.00	2,565.00	5,130.00
167	CATCH BASIN TYPE 2	1 EA	2,900.00	2,900.00	2,405.53	2,405.53	3,000.00	3,000.00	2,624.00	2,624.00
168	CATCH BASIN TYPE 3	2 EA	2,700.00	5,400.00	2,411.13	4,822.26	3,000.00	6,000.00	2,700.00	5,400.00
169	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & BI-DIRECTIONAL VANED GRATE	1 EA	700.00	700.00	960.25	960.25	1,000.00	1,000.00	1,069.00	1,069.00
170	REPLACE SURFACE INLET CATCH BASIN FRAME AND GRATE WITH MANHOLE FRAME AND COVER (LOCKABLE)	1 EA	700.00	700.00	971.83	971.83	900.00	900.00	1,082.00	1,082.00

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171	MANHOLE OR DRYWELL FRAME AND COVER (STANDARD)	6 EA	675.00	4,050.00	566.65	3,399.90	900.00	5,400.00	925.00	5,550.00
172	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	6 EA	675.00	4,050.00	612.99	3,677.94	900.00	5,400.00	975.00	5,850.00
173	MANHOLE RING AND COVER RETROFIT - 30 INCH	1 LS	*****	1,200.00	*****	1,974.99	*****	1,000.00	*****	1,283.00
174	CLEANING EXISTING DRAINAGE STRUCTURE	2 EA	400.00	800.00	97.71	195.42	350.00	700.00	220.00	440.00
175	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	5 CY	30.00	150.00	15.34	76.70	0.01	0.05	10.00	50.00
176	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	5 CY	38.00	190.00	11.34	56.70	0.01	0.05	15.00	75.00
177	IMPORTED BACKFILL	5 CY	38.00	190.00	11.34	56.70	0.01	0.05	25.00	125.00
178	TRENCH SAFETY SYSTEM	1 LS	*****	4,000.00	*****	5,000.00	*****	600.00	*****	5,000.00
179	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	550 LF	55.00	30,250.00	38.88	21,384.00	45.00	24,750.00	54.40	29,920.00
180	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	1 EA	800.00	800.00	296.67	296.67	350.00	350.00	458.00	458.00
181	CONNECT 8 IN. DIAM. SEWER PIPE TO EXISTING SEWER PIPE	1 EA	700.00	700.00	1,060.22	1,060.22	600.00	600.00	606.00	606.00
182	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	5,741.55	*****	2,800.00	*****	1,250.00
183	CLEANING EXISTING SANITARY SEWER	12 EA	550.00	6,600.00	347.54	4,170.48	300.00	3,600.00	340.00	4,080.00
184	TRENCH EXCAVATION FOR WATER SERVICE TAP	15 LF	45.00	675.00	35.71	535.65	50.00	750.00	31.00	465.00
185	ESC LEAD	1 LS	*****	2,300.00	*****	25.00	*****	700.00	*****	50.00
186	JUTE NETTING	850 SY	1.10	935.00	1.41	1,198.50	4.00	3,400.00	2.00	1,700.00
187	INLET PROTECTION	4 EA	110.00	440.00	60.44	241.76	120.00	480.00	100.00	400.00
188	STREET CLEANING	40 HR	170.00	6,800.00	217.03	8,681.20	5.00	200.00	160.00	6,400.00

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189	SILT FENCE	1200 LF	12.00	14,400.00	3.66	4,392.00	5.00	6,000.00	5.00	6,000.00
190	TOPSOIL TYPE A, 2 INCH THICK	500 SY	12.00	6,000.00	4.05	2,025.00	6.00	3,000.00	3.80	1,900.00
191	STRUCTURAL PLANTING SOIL FOR TYPE 1 DW	50 CY	80.00	4,000.00	40.55	2,027.50	50.00	2,500.00	25.00	1,250.00
192	WEED SPRAYING AND CONTROL	2 EA	1,300.00	2,600.00	579.23	1,158.46	500.00	1,000.00	400.00	800.00
193	HYDROSEEDING	6380 SY	6.50	41,470.00	0.93	5,933.40	1.00	6,380.00	0.80	5,104.00
194	TOPSOIL FOR BIO-FILTRATION SWALES, TYPE A, 12 INCH THICK	40 SY	19.00	760.00	17.81	712.40	34.00	1,360.00	25.00	1,000.00
195	CONSTRUCT BIO-INFILTRATION SWALE	325 SY	12.00	3,900.00	11.59	3,766.75	10.00	3,250.00	6.00	1,950.00
196	CONSTRUCT ROADSIDE FILTER STRIP	150 SY	12.00	1,800.00	17.57	2,635.50	30.00	4,500.00	6.00	900.00
197	CONSTRUCT ROADSIDE DITCH & SHOULDER	475 SY	12.00	5,700.00	11.59	5,505.25	20.00	9,500.00	6.00	2,850.00
198	SWALE DRAIN PAD	4 SY	110.00	440.00	351.70	1,406.80	130.00	520.00	320.00	1,280.00
199	CURB DROP INLET	12 EA	210.00	2,520.00	173.77	2,085.24	130.00	1,560.00	162.00	1,944.00
200	PIPE OUTFALL PAD	1 EA	1,500.00	1,500.00	5,015.68	5,015.68	1,400.00	1,400.00	3,200.00	3,200.00
201	IRRIGATION SYSTEM - FILTER STRIP & SWALE ESTABLISHMENT	1 LS	*****	3,500.00	*****	17,500.00	*****	16,000.00	*****	17,000.00
202	2 IN. IRRIGATIN SLEEVE	40 LF	10.00	400.00	17.38	695.20	12.00	480.00	11.00	440.00
203	CEMENT CONCRETE CURB	3125 LF	28.00	87,500.00	16.97	53,031.25	17.00	53,125.00	16.60	51,875.00
204	CEMENT CONC. CURB AND GUTTER	90 LF	28.00	2,520.00	37.75	3,397.50	32.00	2,880.00	35.00	3,150.00
205	HAND PLACED RIPRAP	45 CY	100.00	4,500.00	75.59	3,401.55	75.00	3,375.00	87.00	3,915.00
206	CEMENT CONCRETE DRIVEWAY	185 SY	65.00	12,025.00	61.78	11,429.30	73.00	13,505.00	62.00	11,470.00
207	CEMENT CONCRETE DRIVEWAY TRANSITION	100 SY	65.00	6,500.00	61.78	6,178.00	73.00	7,300.00	62.00	6,200.00

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208	VINYL COATED CHAIN LINK FENCE	370 LF	50.00	18,500.00	91.66	33,914.20	90.00	33,300.00	97.00	35,890.00
209	CEMENT CONC. SIDEWALK	50 SY	55.00	2,750.00	61.78	3,089.00	70.00	3,500.00	62.00	3,100.00
210	RAMP DETECTABLE WARNING	8 SF	28.00	224.00	25.49	203.92	25.00	200.00	22.00	176.00
211	ILLUMINATION CONDUIT & LIGHTING SYSTEM	1 LS	*****	35,000.00	*****	55,000.00	*****	52,000.00	*****	50,000.00
212	COMMUNICATION CONDUIT SYSTEM	1 LS	*****	151,000.00	*****	98,000.00	*****	90,000.00	*****	94,000.00
213	SIGNING, PERMANENT, CITY MANUFACTURED SIGNS	1 LS	*****	7,500.00	*****	9,846.95	*****	8,500.00	*****	9,300.00
214	PAVEMENT MARKING - DURABLE HEAT APPLIED	12 SF	10.00	120.00	17.38	208.56	20.00	240.00	16.00	192.00
215	ROCK RETAINING WALL	95 CY	600.00	57,000.00	336.64	31,980.80	175.00	16,625.00	112.00	10,640.00
216	QUARRY SPALL BACKFILL FOR WALL	40 CY	70.00	2,800.00	30.61	1,224.40	80.00	3,200.00	220.00	8,800.00
217	ROCK WALL GEOTEXTILE	245 SY	2.00	490.00	6.68	1,636.60	7.00	1,715.00	2.00	490.00
218	CEMENT CONCRETE INTEGRAL CURB AND SIDEWALK 5.5 FT. WIDE	15 LF	60.00	900.00	198.19	2,972.85	90.00	1,350.00	184.00	2,760.00
219	MOVEABLE BOLLARD	2 EA	1,600.00	3,200.00	1,171.35	2,342.70	1,200.00	2,400.00	1,350.00	2,700.00
220	SOD INSTALLATION	500 SY	10.00	5,000.00	11.59	5,795.00	10.00	5,000.00	9.20	4,600.00
Schedule Totals				1,673,095.00		1,398,801.98		1,431,640.05		1,397,078.50

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<i>Schedule 03</i> Water Improvements				Sales tax shall NOT be included in unit prices						
301	POTHOLING	4 EA	700.00	2,800.00	382.77	1,531.08	300.00	1,200.00	150.00	600.00
302	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	40 CY	20.00	800.00	15.34	613.60	0.01	0.40	10.00	400.00
303	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	40 CY	35.00	1,400.00	11.34	453.60	0.01	0.40	15.00	600.00
304	PLUGGING EXISTING PIPE	4 EA	400.00	1,600.00	239.23	956.92	50.00	200.00	120.00	480.00
305	DI PIPE FOR WATER MAIN 8 IN. DIAM.	2460 LF	65.00	159,900.00	42.90	105,534.00	40.22	98,941.20	55.25	135,915.00
306	GATE VALVE 8 IN.	7 EA	2,000.00	14,000.00	1,421.33	9,949.31	1,576.00	11,032.00	1,850.00	12,950.00
307	HYDRANT ASSEMBLY	3 EA	6,000.00	18,000.00	4,890.27	14,670.81	5,200.00	15,600.00	5,500.00	16,500.00
308	TRENCH EXCAVATION FOR WATER SERVICE TAP	40 LF	45.00	1,800.00	35.71	1,428.40	20.00	800.00	31.00	1,240.00
309	DI PIPE FOR WATER MAIN 6 IN. DIAM.	60 LF	65.00	3,900.00	45.57	2,734.20	30.00	1,800.00	35.00	2,100.00
Schedule Totals				204,200.00		137,871.92		129,574.00		170,785.00

Project Number: 2016059		Engineer's Estimate			National Native American Construction, Inc		DW Excavating, Inc_		LaRiviere Inc	
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> Street Improvements					Sales tax shall be included in unit prices					
101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
102	SPCC PLAN	1 LS	*****	1,200.00	*****	759.00	*****	130.00	*****	1,200.00
103	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	30000 EST	1.00	30,000.00	1.00	30,000.00	1.00	30,000.00	1.00	30,000.00
104	POTHOLING	14 EA	500.00	7,000.00	404.00	5,656.00	475.00	6,650.00	520.00	7,280.00
105	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	20,000.00	*****	10,500.00	*****	3,000.00	*****	12,000.00
106	REFERENCE AND REESTABLISH SURVEY MONUMENT	6 EA	700.00	4,200.00	772.00	4,632.00	500.00	3,000.00	620.00	3,720.00
107	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	3,000.00	*****	1,910.00	*****	4,500.00	*****	6,200.00
108	MOBILIZATION	1 LS	*****	139,000.00	*****	30,000.00	*****	200,000.00	*****	103,000.00
109	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	25,000.00	*****	41,000.00	*****	29,500.00	*****	81,000.00
110	SPECIAL SIGNS	125 SF	20.00	2,500.00	15.00	1,875.00	11.00	1,375.00	25.00	3,125.00
111	PORTABLE CHANGEABLE MESSAGE SIGN	400 HR	7.00	2,800.00	4.50	1,800.00	5.00	2,000.00	6.00	2,400.00
112	TYPE III BARRICADE	7 EA	50.00	350.00	62.00	434.00	55.00	385.00	37.00	259.00
113	CLEARING AND GRUBBING	1 LS	*****	25,000.00	*****	5,000.00	*****	10,000.00	*****	19,000.00
114	AIR OR HYDRO EVACUATION	6 EA	700.00	4,200.00	821.00	4,926.00	750.00	4,500.00	840.00	5,040.00
115	TREE PROTECTION ZONE	42 EA	350.00	14,700.00	255.00	10,710.00	230.00	9,660.00	260.00	10,920.00
116	REMOVE TREE, CLASS I	34 EA	400.00	13,600.00	219.00	7,446.00	195.00	6,630.00	220.00	7,480.00
117	REMOVE TREE, CLASS II	2 EA	1,100.00	2,200.00	1,168.00	2,336.00	1,000.00	2,000.00	950.00	1,900.00
118	TREE PRUNING	66 EA	450.00	29,700.00	219.00	14,454.00	195.00	12,870.00	220.00	14,520.00
119	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	5,000.00	*****	10,000.00	*****	2,200.00	*****	24,000.00

<i>Project Number:</i> 2016059		<i>Engineer's Estimate</i>			National Native American Construction, Inc		DW Excavating, Inc_		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 Improvements					Sales tax shall be included in unit prices					
120	REMOVE EXISTING CURB	1325 LF	12.00	15,900.00	2.00	2,650.00	2.00	2,650.00	7.00	9,275.00
121	REMOVE EXISTING CURB AND GUTTER	120 LF	14.00	1,680.00	4.00	480.00	2.00	240.00	7.00	840.00
122	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	175 SY	16.00	2,800.00	9.00	1,575.00	7.00	1,225.00	10.00	1,750.00
123	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	1 EA	600.00	600.00	520.00	520.00	280.00	280.00	480.00	480.00
124	REMOVE CURB/GRATE INLET	1 EA	375.00	375.00	520.00	520.00	280.00	280.00	360.00	360.00
125	REMOVE EXISTING < 12 IN. DIAMETER PIPE	60 LF	10.00	600.00	22.00	1,320.00	10.00	600.00	7.00	420.00
126	SAWCUTTING CURB	6 EA	42.00	252.00	24.00	144.00	45.00	270.00	37.00	222.00
127	SAWCUTTING RIGID PAVEMENT	210 LFI	1.10	231.00	1.00	210.00	1.00	210.00	1.60	336.00
128	SAWCUTTING FLEXIBLE PAVEMENT	2520 LFI	0.90	2,268.00	0.50	1,260.00	1.00	2,520.00	1.60	4,032.00
129	REMOVE GUARDRAIL	270 LF	10.00	2,700.00	10.00	2,700.00	9.00	2,430.00	12.00	3,240.00
130	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	5 EA	550.00	2,750.00	882.00	4,410.00	275.00	1,375.00	620.00	3,100.00
131	ROADWAY EXCAVATION INCL. HAUL	2610 CY	25.00	65,250.00	23.00	60,030.00	21.00	54,810.00	22.00	57,420.00
132	ROADWAY EXCAVATION INCL. HAUL - AREA (TRAIL)	100 CY	38.00	3,800.00	40.00	4,000.00	68.00	6,800.00	27.00	2,700.00
133	TRAIL EMBANKMENT	850 CY	12.00	10,200.00	6.00	5,100.00	9.00	7,650.00	17.00	14,450.00
134	REMOVE UNSUITABLE FOUNDATION MATERIAL	60 CY	25.00	1,500.00	26.00	1,560.00	31.00	1,860.00	30.00	1,800.00
135	REPLACE UNSUITABLE FOUNDATION MATERIAL	60 CY	32.00	1,920.00	41.00	2,460.00	50.00	3,000.00	53.00	3,180.00
136	COMMON BORROW INCL. HAUL	50 CY	25.00	1,250.00	41.00	2,050.00	35.00	1,750.00	40.00	2,000.00
137	SITE SHAPING & GRADING	1 LS	*****	7,500.00	*****	10,248.00	*****	7,000.00	*****	5,000.00
138	PREPARATION OF UNTREATED ROADWAY	9750 SY	3.00	29,250.00	2.50	24,375.00	2.00	19,500.00	2.10	20,475.00

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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> Street Improvements					Sales tax shall be included in unit prices					
139	CONSTRUCTION GEOSYNTHETIC FOR SOIL STABILIZATION	120 SY	2.50	300.00	3.00	360.00	4.00	480.00	3.80	456.00
140	CRUSHED SURFACING TOP COURSE	820 CY	52.00	42,640.00	59.00	48,380.00	50.00	41,000.00	56.00	45,920.00
141	CRUSHED SURFACING BASE COURSE	690 CY	45.00	31,050.00	57.00	39,330.00	48.00	33,120.00	43.00	29,670.00
142	CSTC FOR SIDEWALK AND DRIVEWAYS	25 CY	110.00	2,750.00	175.00	4,375.00	179.00	4,475.00	97.00	2,425.00
143	DUST PALLIATIVE	20000 FA	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00	1.00	20,000.00
144	HMA CL. 1/2 IN. PG 64-26, 5 INCH THICK	7155 SY	25.00	178,875.00	28.40	203,202.00	25.00	178,875.00	30.00	214,650.00
145	HMA CL. 3/8 IN. PG 64-26, 2 INCH THICK	2310 SY	11.00	25,410.00	12.80	29,568.00	11.50	26,565.00	17.00	39,270.00
146	HMA FOR HEADERS CL. 1/2 IN. PG 64-28, 3 INCH THICK	285 SY	16.00	4,560.00	26.40	7,524.00	24.00	6,840.00	27.00	7,695.00
147	SOIL RESIDUAL HERBICIDE	9750 SY	0.60	5,850.00	0.28	2,730.00	0.25	2,437.50	0.30	2,925.00
148	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 EST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
149	COMPACTION PRICE ADJUSTMENT	4000 EST	1.00	4,000.00	1.00	4,000.00	1.00	4,000.00	1.00	4,000.00
150	CEMENT CONCRETE CURB WALL	375 LF	70.00	26,250.00	79.00	29,625.00	69.00	25,875.00	50.00	18,750.00
151	DRIVING ST. PILE	40 EA	600.00	24,000.00	227.00	9,080.00	700.00	28,000.00	310.00	12,400.00
152	FURNISHING ST. PILING, 4 INCH DIAM.	340 LF	50.00	17,000.00	17.00	5,780.00	97.00	32,980.00	50.00	17,000.00
153	FURNISHING STEEL PILE TIP OR SHOE, 4 INCH DIAM	40 EA	50.00	2,000.00	58.00	2,320.00	260.00	10,400.00	310.00	12,400.00
154	WSDOT LOW PROFILE BARRIER CURB	280 LF	160.00	44,800.00	88.60	24,808.00	276.00	77,280.00	50.00	14,000.00
155	RETAINING WALL SUPPORT BEAM	370 LF	150.00	55,500.00	50.00	18,500.00	54.00	19,980.00	150.00	55,500.00
156	GRAVEL BORROW FOR STRUCTURAL EARTH WALL INCL. HAUL	350 CY	65.00	22,750.00	74.00	25,900.00	35.00	12,250.00	49.00	17,150.00
157	SEGMENTAL CONCRETE RETAINING WALL	1480 SF	45.00	66,600.00	23.80	35,224.00	40.00	59,200.00	41.00	60,680.00

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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 01</i> Street Improvements					Sales tax shall be included in unit prices					
158	UNDERDRAIN PIPE 4 IN. DIAM.	280 LF	22.00	6,160.00	6.00	1,680.00	4.00	1,120.00	5.00	1,400.00
159	GRAVEL BACKFILL FOR DRAIN	15 CY	65.00	975.00	54.00	810.00	35.00	525.00	70.00	1,050.00
160	PIPE GUARD - 8 INCH	4 EA	350.00	1,400.00	233.00	932.00	114.00	456.00	120.00	480.00
161	GRATE INLET TYPE 3	4 EA	1,700.00	6,800.00	2,335.00	9,340.00	1,500.00	6,000.00	2,000.00	8,000.00
162	DRYWELL TYPE 1	4 EA	3,700.00	14,800.00	3,930.00	15,720.00	4,200.00	16,800.00	3,900.00	15,600.00
163	DRYWELL TYPE 1 SPECIAL	2 EA	3,900.00	7,800.00	6,000.00	12,000.00	4,300.00	8,600.00	4,000.00	8,000.00
164	DRYWELL TYPE 2	1 EA	4,200.00	4,200.00	5,106.00	5,106.00	4,600.00	4,600.00	4,900.00	4,900.00
165	MANHOLE TYPE - MODIFIED SHALLOW	3 EA	2,000.00	6,000.00	2,955.00	8,865.00	2,500.00	7,500.00	2,500.00	7,500.00
166	CATCH BASIN TYPE 1	2 EA	2,500.00	5,000.00	3,000.00	6,000.00	2,700.00	5,400.00	2,700.00	5,400.00
167	CATCH BASIN TYPE 2	1 EA	2,900.00	2,900.00	3,766.00	3,766.00	2,900.00	2,900.00	2,800.00	2,800.00
168	CATCH BASIN TYPE 3	2 EA	2,700.00	5,400.00	3,790.00	7,580.00	2,900.00	5,800.00	2,800.00	5,600.00
169	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & BI-DIRECTIONAL VANED GRATE	1 EA	700.00	700.00	507.00	507.00	900.00	900.00	730.00	730.00
170	REPLACE SURFACE INLET CATCH BASIN FRAME AND GRATE WITH MANHOLE FRAME AND COVER (LOCKABLE)	1 EA	700.00	700.00	520.00	520.00	1,000.00	1,000.00	740.00	740.00
171	MANHOLE OR DRYWELL FRAME AND COVER (STANDARD)	6 EA	675.00	4,050.00	467.00	2,802.00	1,000.00	6,000.00	690.00	4,140.00
172	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	6 EA	675.00	4,050.00	520.00	3,120.00	1,100.00	6,600.00	740.00	4,440.00
173	MANHOLE RING AND COVER RETROFIT - 30 INCH	1 LS	*****	1,200.00	*****	725.00	*****	1,300.00	*****	960.00
174	CLEANING EXISTING DRAINAGE STRUCTURE	2 EA	400.00	800.00	654.00	1,308.00	610.00	1,220.00	440.00	880.00

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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Street Improvements					Sales tax shall be included in unit prices					
175	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	5 CY	30.00	150.00	20.00	100.00	30.00	150.00	30.00	150.00
176	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	5 CY	38.00	190.00	64.00	320.00	45.00	225.00	53.00	265.00
177	IMPORTED BACKFILL	5 CY	38.00	190.00	32.00	160.00	35.00	175.00	32.00	160.00
178	TRENCH SAFETY SYSTEM	1 LS	*****	4,000.00	*****	2,756.00	*****	1,900.00	*****	3,700.00
179	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	550 LF	55.00	30,250.00	60.00	33,000.00	53.00	29,150.00	62.00	34,100.00
180	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	1 EA	800.00	800.00	1,100.00	1,100.00	300.00	300.00	1,100.00	1,100.00
181	CONNECT 8 IN. DIAM. SEWER PIPE TO EXISTING SEWER PIPE	1 EA	700.00	700.00	1,650.00	1,650.00	300.00	300.00	1,200.00	1,200.00
182	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	4,500.00	*****	1,300.00	*****	1,200.00
183	CLEANING EXISTING SANITARY SEWER	12 EA	550.00	6,600.00	615.00	7,380.00	432.00	5,184.00	370.00	4,440.00
184	TRENCH EXCAVATION FOR WATER SERVICE TAP	15 LF	45.00	675.00	27.00	405.00	73.00	1,095.00	140.00	2,100.00
185	ESC LEAD	1 LS	*****	2,300.00	*****	850.00	*****	650.00	*****	12,000.00
186	JUTE NETTING	850 SY	1.10	935.00	5.00	4,250.00	4.00	3,400.00	5.00	4,250.00
187	INLET PROTECTION	4 EA	110.00	440.00	94.00	376.00	89.00	356.00	110.00	440.00
188	STREET CLEANING	40 HR	170.00	6,800.00	280.00	11,200.00	189.00	7,560.00	310.00	12,400.00
189	SILT FENCE	1200 LF	12.00	14,400.00	6.00	7,200.00	4.88	5,856.00	6.00	7,200.00
190	TOPSOIL TYPE A, 2 INCH THICK	500 SY	12.00	6,000.00	4.26	2,130.00	5.19	2,595.00	10.00	5,000.00
191	STRUCTURAL PLANTING SOIL FOR TYPE 1 DW	50 CY	80.00	4,000.00	52.00	2,600.00	61.00	3,050.00	160.00	8,000.00
192	WEED SPRAYING AND CONTROL	2 EA	1,300.00	2,600.00	448.00	896.00	453.00	906.00	2,500.00	5,000.00

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193	HYDROSEEDING	6380 SY	6.50	41,470.00	0.90	5,742.00	1.00	6,380.00	2.50	15,950.00
194	TOPSOIL FOR BIO-FILTRATION SWALES, TYPE A, 12 INCH THICK	40 SY	19.00	760.00	28.00	1,120.00	34.00	1,360.00	27.00	1,080.00
195	CONSTRUCT BIO-INFILTRATION SWALE	325 SY	12.00	3,900.00	44.00	14,300.00	8.00	2,600.00	25.00	8,125.00
196	CONSTRUCT ROADSIDE FILTER STRIP	150 SY	12.00	1,800.00	39.00	5,850.00	29.00	4,350.00	25.00	3,750.00
197	CONSTRUCT ROADSIDE DITCH & SHOULDER	475 SY	12.00	5,700.00	28.00	13,300.00	29.00	13,775.00	6.00	2,850.00
198	SWALE DRAIN PAD	4 SY	110.00	440.00	151.00	604.00	135.00	540.00	120.00	480.00
199	CURB DROP INLET	12 EA	210.00	2,520.00	257.00	3,084.00	135.00	1,620.00	310.00	3,720.00
200	PIPE OUTFALL PAD	1 EA	1,500.00	1,500.00	4,500.00	4,500.00	2,600.00	2,600.00	2,500.00	2,500.00
201	IRRIGATION SYSTEM - FILTER STRIP & SWALE ESTABLISHMENT	1 LS	*****	3,500.00	*****	16,800.00	*****	16,900.00	*****	21,000.00
202	2 IN. IRRIGATIN SLEEVE	40 LF	10.00	400.00	12.40	496.00	15.00	600.00	16.00	640.00
203	CEMENT CONCRETE CURB	3125 LF	28.00	87,500.00	21.00	65,625.00	27.00	84,375.00	50.00	156,250.00
204	CEMENT CONC. CURB AND GUTTER	90 LF	28.00	2,520.00	43.00	3,870.00	82.00	7,380.00	50.00	4,500.00
205	HAND PLACED RIPRAP	45 CY	100.00	4,500.00	215.00	9,675.00	73.00	3,285.00	110.00	4,950.00
206	CEMENT CONCRETE DRIVEWAY	185 SY	65.00	12,025.00	70.00	12,950.00	85.00	15,725.00	81.00	14,985.00
207	CEMENT CONCRETE DRIVEWAY TRANSITION	100 SY	65.00	6,500.00	72.00	7,200.00	83.49	8,349.00	81.00	8,100.00
208	VINYL COATED CHAIN LINK FENCE	370 LF	50.00	18,500.00	105.00	38,850.00	85.00	31,450.00	110.00	40,700.00
209	CEMENT CONC. SIDEWALK	50 SY	55.00	2,750.00	54.00	2,700.00	81.84	4,092.00	81.00	4,050.00
210	RAMP DETECTABLE WARNING	8 SF	28.00	224.00	21.00	168.00	34.00	272.00	50.00	400.00
211	ILLUMINATION CONDUIT & LIGHTING SYSTEM	1 LS	*****	35,000.00	*****	69,750.00	*****	40,300.00	*****	61,000.00

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212	COMMUNICATION CONDUIT SYSTEM	1 LS	*****	151,000.00	*****	103,260.00	*****	78,150.00	*****	150,000.00
213	SIGNING, PERMANENT, CITY MANUFACTURED SIGNS	1 LS	*****	7,500.00	*****	10,346.00	*****	9,200.00	*****	11,000.00
214	PAVEMENT MARKING - DURABLE HEAT APPLIED	12 SF	10.00	120.00	18.00	216.00	17.00	204.00	19.00	228.00
215	ROCK RETAINING WALL	95 CY	600.00	57,000.00	125.00	11,875.00	264.00	25,080.00	330.00	31,350.00
216	QUARRY SPALL BACKFILL FOR WALL	40 CY	70.00	2,800.00	137.00	5,480.00	41.00	1,640.00	110.00	4,400.00
217	ROCK WALL GEOTEXTILE	245 SY	2.00	490.00	15.00	3,675.00	2.00	490.00	5.00	1,225.00
218	CEMENT CONCRETE INTEGRAL CURB AND SIDEWALK 5.5 FT. WIDE	15 LF	60.00	900.00	131.00	1,965.00	145.00	2,175.00	100.00	1,500.00
219	MOVEABLE BOLLARD	2 EA	1,600.00	3,200.00	1,674.00	3,348.00	1,200.00	2,400.00	1,500.00	3,000.00
220	SOD INSTALLATION	500 SY	10.00	5,000.00	10.30	5,150.00	12.56	6,280.00	14.00	7,000.00
Schedule Totals				1,673,095.00		1,403,309.00		1,539,052.50		1,779,073.00

Project Number: 2016059		Engineer's Estimate		National Native American Construction, Inc	DW Excavating, Inc_	LaRiviere Inc				
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 03</i> Water Improvements				Sales tax shall NOT be included in unit prices						
301	POTHOLING	4 EA	700.00	2,800.00	580.00	2,320.00	375.00	1,500.00	520.00	2,080.00
302	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	40 CY	20.00	800.00	29.00	1,160.00	31.00	1,240.00	30.00	1,200.00
303	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	40 CY	35.00	1,400.00	33.00	1,320.00	45.00	1,800.00	53.00	2,120.00
304	PLUGGING EXISTING PIPE	4 EA	400.00	1,600.00	220.00	880.00	247.00	988.00	750.00	3,000.00
305	DI PIPE FOR WATER MAIN 8 IN. DIAM.	2460 LF	65.00	159,900.00	74.35	182,901.00	62.55	153,873.00	71.00	174,660.00
306	GATE VALVE 8 IN.	7 EA	2,000.00	14,000.00	2,567.00	17,969.00	2,134.00	14,938.00	1,800.00	12,600.00
307	HYDRANT ASSEMBLY	3 EA	6,000.00	18,000.00	5,837.00	17,511.00	7,475.00	22,425.00	5,700.00	17,100.00
308	TRENCH EXCAVATION FOR WATER SERVICE TAP	40 LF	45.00	1,800.00	48.00	1,920.00	30.00	1,200.00	68.00	2,720.00
309	DI PIPE FOR WATER MAIN 6 IN. DIAM.	60 LF	65.00	3,900.00	70.50	4,230.00	82.00	4,920.00	72.00	4,320.00
Schedule Totals				204,200.00	230,211.00	202,884.00	219,800.00			

Project Number **2016059**

South Gorge Trail - Phase 1

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	1,673,095.00	0.00	204,200.00	0.00	0.00	0.00	0.00	0.00	1,877,295.00
Halme Construction Inc	1,398,801.98	0.00	137,871.92	0.00	0.00	0.00	0.00	0.00	1,536,673.90
Red Diamond Construc	1,431,640.05	0.00	129,574.00	0.00	0.00	0.00	0.00	0.00	1,561,214.05
L & L Cargile Inc	1,397,078.50	0.00	170,785.00	0.00	0.00	0.00	0.00	0.00	1,567,863.50
National Native Americ	1,403,309.00	0.00	230,211.00	0.00	0.00	0.00	0.00	0.00	1,633,520.00
DW Excavating, Inc.	1,539,052.50	0.00	202,884.00	0.00	0.00	0.00	0.00	0.00	1,741,936.50
LaRiviere Inc	1,779,073.00	0.00	219,800.00	0.00	0.00	0.00	0.00	0.00	1,998,873.00

Low Bid Contractor: Halme Construction Inc

	Contractor's Bid	Engineer's Estimate	% Variance	
Schedule 01	\$1,398,801.98	\$1,673,095.00	16.39	% Under Estimate
Schedule 03	\$150,004.65	\$222,169.60	32.48	% Under Estimate
Bid Totals	\$1,548,806.63	\$1,895,264.60	18.28	% Under Estimate