

City Of Spokane
Engineering Services Department

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

Project Number: 2016068

Project Description: Cycle 6 (2016) Traffic Calming

Original Date: 8/13/2018 7:48:19 AM

Funding Source: Local

Update Date: 9/10/2018 1:58:43 PM

Preparer: David St Pierre

Addendum:

Project Number: 2016068			Engineer's Estimate		Bacon Concrete Inc		Cameron-Reilly		William Winkler Company	
Item No	Bid Item Description	Estimated Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount

Schedule Description				Tax Classification						
Schedule	01	Cycle 6 Traffic Calming		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	*****	750.00	*****	750.00	*****	764.50
103	POTHOLING	9 EA	600.00	5,400.00	300.00	2,700.00	250.00	2,250.00	528.00	4,752.00
104	PUBLIC LIAISON REPRESENTATIVE	1 LS	*****	10,000.00	*****	6,000.00	*****	8,000.00	*****	17,739.00
105	REFERENCE AND REESTABLISH SURVEY MONUMENT	1 EA	600.00	600.00	1,000.00	1,000.00	1,000.00	1,000.00	1,498.00	1,498.00
106	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	5,000.00	*****	4,000.00	*****	4,500.00	*****	5,616.00
107	MOBILIZATION	1 LS	*****	84,000.00	*****	60,000.00	*****	50,385.00	*****	109,616.00
108	PROJECT TEMPORARY TRAFFIC CONTROL - DISTRICT 1	1 LS	*****	10,000.00	*****	8,000.00	*****	12,240.00	*****	10,989.00
109	PROJECT TEMPORARY TRAFFIC CONTROL - DISTRICT 3	1 LS	*****	25,000.00	*****	14,000.00	*****	12,240.00	*****	22,295.00
110	PROJECT TEMPORARY TRAFFIC CONTROL - DISTRICT 2	1 LS	*****	15,000.00	*****	12,000.00	*****	12,240.00	*****	15,694.00
111	SEQUENTIAL ARROW SIGN	500 HR	5.00	2,500.00	3.00	1,500.00	2.00	1,000.00	2.50	1,250.00
112	PORTABLE CHANGEABLE MESSAGE SIGN	800 HR	7.00	5,600.00	4.50	3,600.00	5.00	4,000.00	4.15	3,320.00
113	TYPE III BARRICADE	35 EA	50.00	1,750.00	100.00	3,500.00	100.00	3,500.00	25.30	885.50
114	CLEARING AND GRUBBING	1 LS	*****	14,000.00	*****	2,500.00	*****	15,000.00	*****	17,711.00

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Schedule 01 Cycle 6 Traffic Calming					Sales tax shall be included in unit prices					
115	AIR OR HYDRO EVACUATION	11 EA	725.00	7,975.00	675.00	7,425.00	400.00	4,400.00	632.50	6,957.50
116	TREE PROTECTION ZONE	53 EA	260.00	13,780.00	220.00	11,660.00	250.00	13,250.00	275.00	14,575.00
117	VACANT	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	TREE PRUNING	17 EA	275.00	4,675.00	240.00	4,080.00	400.00	6,800.00	192.50	3,272.50
119	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	9,300.00	*****	4,000.00	*****	20,000.00	*****	12,364.00
120	REMOVE EXISTING CURB	2180 LF	17.00	37,060.00	13.50	29,430.00	12.00	26,160.00	8.95	19,511.00
121	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	513 SY	18.00	9,234.00	20.00	10,260.00	20.00	10,260.00	25.80	13,235.40
122	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	7 EA	725.00	5,075.00	720.00	5,040.00	840.00	5,880.00	1,220.00	8,540.00
123	REMOVE CURB/GRATE INLET	5 EA	700.00	3,500.00	650.00	3,250.00	400.00	2,000.00	1,220.00	6,100.00
124	REMOVE EXISTING <12 IN. DIAMETER PIPE	140 LF	15.00	2,100.00	20.00	2,800.00	40.00	5,600.00	53.60	7,504.00
125	SAWCUTTING CURB	50 EA	35.00	1,750.00	24.00	1,200.00	50.00	2,500.00	27.50	1,375.00
126	SAWCUTTING RIGID PAVEMENT	1116 LFI	1.20	1,339.20	1.10	1,227.60	2.00	2,232.00	4.00	4,464.00
127	SAWCUTTING FLEXIBLE PAVEMENT	15634 LFI	0.50	7,817.00	0.50	7,817.00	0.50	7,817.00	1.00	15,634.00
128	REMOVE UNSUITABLE FOUNDATION MATERIAL	15 CY	33.00	495.00	30.00	450.00	75.00	1,125.00	93.30	1,399.50
129	REPLACE UNSUITABLE FOUNDATION MATERIAL	15 CY	48.00	720.00	45.00	675.00	75.00	1,125.00	118.00	1,770.00
130	SELECT BORROW INCL. HAUL	20 CY	48.00	960.00	45.00	900.00	75.00	1,500.00	177.50	3,550.00
131	CSTC FOR SIDEWALK AND DRIVEWAYS	128 CY	150.00	19,200.00	105.00	13,440.00	100.00	12,800.00	157.00	20,096.00
132	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 3 INCH THICK	634 SY	44.00	27,896.00	38.00	24,092.00	44.00	27,896.00	42.90	27,198.60
133	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 70-28, 6 INCH THICK	328 SY	62.00	20,336.00	60.00	19,680.00	90.00	29,520.00	88.30	28,962.40

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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> Cycle 6 Traffic Calming					Sales tax shall be included in unit prices					
134	PAVEMENT REPAIR EXCAVATION INCL. HAUL	1814 SY	33.00	59,862.00	32.00	58,048.00	35.00	63,490.00	21.50	39,001.00
135	GRATE INLET TYPE 3	2 EA	2,700.00	5,400.00	1,500.00	3,000.00	2,500.00	5,000.00	1,496.00	2,992.00
136	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN ASPHALT	10 EA	1,000.00	10,000.00	650.00	6,500.00	750.00	7,500.00	365.50	3,655.00
137	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN CONCRETE	2 EA	1,000.00	2,000.00	600.00	1,200.00	750.00	1,500.00	365.50	731.00
138	CATCH BASIN TYPE 1	5 EA	3,000.00	15,000.00	2,750.00	13,750.00	2,600.00	13,000.00	2,519.00	12,595.00
139	CATCH BASIN TYPE 3	4 EA	3,200.00	12,800.00	2,750.00	11,000.00	3,500.00	14,000.00	2,772.00	11,088.00
140	WSDOT CATCH BASIN TYPE 1P	1 EA	2,800.00	2,800.00	1,950.00	1,950.00	2,400.00	2,400.00	1,796.00	1,796.00
141	RETROFIT SURFACE INLET CATCH BASIN WITH FRAME & BI-DIRECTIONAL VANED GRATE	2 EA	1,500.00	3,000.00	900.00	1,800.00	1,200.00	2,400.00	545.50	1,091.00
142	REPLACE SURFACE INLET CATCH BASIN FRAME AND GRATE WITH MANHOLE FRAME AND COVER	2 EA	1,500.00	3,000.00	900.00	1,800.00	750.00	1,500.00	545.50	1,091.00
143	MANHOLE OR DRYWELL FRAME AND COVER (STANDARD)	1 EA	900.00	900.00	900.00	900.00	750.00	750.00	545.50	545.50
144	CLEANING EXISTING DRAINAGE STRUCTURE	10 EA	415.00	4,150.00	320.00	3,200.00	250.00	2,500.00	229.00	2,290.00
145	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	15 CY	38.00	570.00	45.00	675.00	75.00	1,125.00	93.30	1,399.50
146	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	15 CY	56.00	840.00	45.00	675.00	75.00	1,125.00	118.00	1,770.00
147	IMPORTED BACKFILL	15 CY	57.00	855.00	45.00	675.00	75.00	1,125.00	118.00	1,770.00
148	TRENCH SAFETY SYSTEM	1 LS	*****	3,000.00	*****	500.00	*****	750.00	*****	813.50
149	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	286 LF	73.00	20,878.00	68.00	19,448.00	75.00	21,450.00	40.00	11,440.00

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150	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	10 EA	1,100.00	11,000.00	820.00	8,200.00	600.00	6,000.00	352.00	3,520.00
151	CONNECT 8 IN. DIAM. SEWER PIPE TO EXISTING SEWER PIPE	3 EA	1,000.00	3,000.00	800.00	2,400.00	750.00	2,250.00	427.50	1,282.50
152	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	2,000.00	*****	1,500.00	*****	1,200.00	*****	2,386.00
153	TRENCH EXCAVATION FOR WATER SERVICE TAP	10 LF	25.00	250.00	100.00	1,000.00	40.00	400.00	227.00	2,270.00
154	ESC LEAD	1 LS	*****	2,600.00	*****	1,500.00	*****	750.00	*****	900.50
155	INLET PROTECTION	54 EA	110.00	5,940.00	75.00	4,050.00	100.00	5,400.00	101.50	5,481.00
156	STREET CLEANING	4 HR	150.00	600.00	300.00	1,200.00	250.00	1,000.00	201.50	806.00
157	TOPSOIL TYPE A, 2 INCH THICK	792 SY	17.00	13,464.00	8.00	6,336.00	4.00	3,168.00	3.85	3,049.20
158	HYDROSEEDING	325 SY	12.00	3,900.00	6.00	1,950.00	4.00	1,300.00	3.30	1,072.50
159	SOD INSTALLATION	467 SY	34.00	15,878.00	20.00	9,340.00	20.00	9,340.00	16.80	7,845.60
160	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1 LS	*****	10,000.00	*****	6,000.00	*****	13,500.00	*****	13,200.00
161	2 IN. PVC IRRIGATION SLEEVE	72 LF	15.00	1,080.00	10.00	720.00	10.00	720.00	8.80	633.60
162	CEMENT CONCRETE CURB	2237 LF	49.00	109,613.00	34.00	76,058.00	35.00	78,295.00	31.80	71,136.60
163	CEMENT CONCRETE DRIVEWAY	172 SY	165.00	28,380.00	82.00	14,104.00	85.00	14,620.00	59.30	10,199.60
164	CEMENT CONCRETE DRIVEWAY TRANSITION	19 SY	120.00	2,280.00	82.00	1,558.00	85.00	1,615.00	59.90	1,138.10
165	CHANNELIZING DEVICES	7 EA	400.00	2,800.00	350.00	2,450.00	350.00	2,450.00	357.50	2,502.50
166	MONUMENT FRAME AND COVER	1 EA	400.00	400.00	800.00	800.00	350.00	350.00	271.00	271.00
167	CEMENT CONC. SIDEWALK	2049 SY	75.00	153,675.00	60.00	122,940.00	65.00	133,185.00	49.70	101,835.30

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168	RAMP DETECTABLE WARNING	284 SF	46.00	13,064.00	22.00	6,248.00	20.00	5,680.00	22.00	6,248.00
169	SIGNING, PERMANENT, CITY MANUFACTURED SIGNS - DISTRICT 1	1 LS	*****	1,000.00	*****	1,000.00	*****	900.00	*****	880.00
170	SIGNING, PERMANENT, CITY MANUFACTURED SIGNS - DISTRICT 2	1 LS	*****	1,000.00	*****	500.00	*****	500.00	*****	440.00
171	SIGNING, PERMANENT, CITY MANUFACTURED SIGNS - DISTRICT 3	1 LS	*****	7,000.00	*****	9,000.00	*****	9,500.00	*****	9,240.00
172	REMOVAL OF EXISTING PAVEMENT MARKINGS	306 SF	4.50	1,377.00	5.25	1,606.50	6.00	1,836.00	5.50	1,683.00
173	PAVEMENT MARKING - DURABLE HEAT APPLIED	587 SF	10.00	5,870.00	10.00	5,870.00	10.00	5,870.00	9.90	5,811.30
174	PAVEMENT MARKING - PAINT	4 SF	1.00	4.00	20.00	80.00	6.00	24.00	5.50	22.00
175	REINFORCED DOWELED CURB	278 LF	30.00	8,340.00	20.00	5,560.00	15.00	4,170.00	23.20	6,449.60
176	TRAFFIC ISLAND CONCRETE	84 SY	145.00	12,180.00	75.00	6,300.00	65.00	5,460.00	34.80	2,923.20
177	ADA FEATURES SURVEYING	1 LS	*****	10,000.00	*****	7,400.00	*****	10,650.00	*****	3,300.00
Schedule Totals				925,013.20		697,769.10		767,719.00		769,235.50

Project Number **2016068**

Cycle 6 (2016) Traffic Calming

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	925,013.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	925,013.20
Bacon Concrete Inc	697,769.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	697,769.10
Cameron-Reilly	767,719.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	767,719.00
William Winkler Compa	769,235.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	769,235.50

Low Bid Contractor: Bacon Concrete Inc

	Contractor's Bid	Engineer's Estimate	% Variance	
Schedule 01	\$697,769.10	\$925,013.20	24.57	% Under Estimate
Bid Totals	\$697,769.10	\$925,013.20	24.57	% Under Estimate