

City Of Spokane
Engineering Services Department

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

Project Number: 2017104

Project Description: Five Mile Booster Station

Funding Source: Local

Preparer: Michael Myers

Original Date: 1/30/2019 2:00:31 PM

Update Date: 3/4/2019 2:59:54 PM

Addendum:

Project Number: 2017104		Engineer's Estimate			Apollo Inc		Clearwater Construction & Management		Wesslen 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

Sales tax shall NOT be included in unit prices

101	RECORD DRAWINGS	1 LS	*****	4,500.00	*****	4,500.00	*****	4,500.00	*****	4,500.00
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	*****	800.00	*****	900.00	*****	245.00	*****	633.00
104	POTHOLING	2 EA	400.00	800.00	210.00	420.00	290.00	580.00	805.00	1,610.00
105	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	1,000.00	*****	850.00	*****	1,645.00	*****	1,610.00
106	MOBILIZATION	1 LS	*****	220,000.00	*****	186,000.00	*****	160,000.00	*****	117,875.00
107	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	3,000.00	*****	8,800.00	*****	2,350.00	*****	3,450.00
108	CLEARING AND GRUBBING	1 LS	*****	8,000.00	*****	11,500.00	*****	15,700.00	*****	3,795.00
109	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	4,000.00	*****	4,500.00	*****	7,500.00	*****	4,744.00
110	REMOVE TREE, CLASS I	10 EA	400.00	4,000.00	140.00	1,400.00	230.00	2,300.00	143.80	1,438.00
111	REMOVE TREE, CLASS II	2 EA	1,200.00	2,400.00	1,000.00	2,000.00	1,200.00	2,400.00	1,092.50	2,185.00
112	REMOVE TREE, CLASS III	1 EA	3,700.00	3,700.00	2,000.00	2,000.00	2,100.00	2,100.00	2,013.00	2,013.00
113	TREE PRUNING	6 EA	400.00	2,400.00	210.00	1,260.00	216.67	1,300.02	215.67	1,294.02
114	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	7,000.00	*****	500.00	*****	5,900.00	*****	2,703.00

Project Number: 2017104		Engineer's Estimate			Apollo Inc		Clearwater Construction & Management		Wesslen 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

Sales tax shall NOT be included in unit prices

115	REMOVE EXISTING CURB	35 LF	8.00	280.00	10.00	350.00	6.00	210.00	12.83	449.05
116	SAWCUTTING CURB	2 EA	28.00	56.00	135.00	270.00	16.00	32.00	92.00	184.00
117	SAWCUTTING FLEXIBLE PAVEMENT	268 LFI	1.00	268.00	1.10	294.80	1.49	399.32	3.31	887.08
118	ROADWAY EXCAVATION INCL. HAUL	1 LS	*****	12,000.00	*****	3,100.00	*****	11,600.00	*****	2,703.00
119	REMOVE UNSUITABLE FOUNDATION MATERIAL	10 CY	21.00	210.00	34.00	340.00	165.00	1,650.00	42.60	426.00
120	REPLACE UNSUITABLE FOUNDATION MATERIAL	10 CY	25.00	250.00	52.00	520.00	110.00	1,100.00	65.60	656.00
121	PREPARATION OF UNTREATED ROADWAY	621 SY	2.00	1,242.00	2.75	1,707.75	3.54	2,198.34	4.35	2,701.35
122	EXCAVATION, GRADING, AND SHAPING	1 LS	*****	20,000.00	*****	3,400.00	*****	5,300.00	*****	6,785.00
123	STRUCTURE EXCAVATION CLASS A INCL. HAUL - FIVE MILE BOOSTER	1 LS	*****	25,000.00	*****	16,000.00	*****	33,500.00	*****	31,625.00
124	CRUSHED SURFACING TOP COURSE	63 CY	45.00	2,835.00	69.00	4,347.00	64.00	4,032.00	77.59	4,888.17
125	HMA CL. 1/2 IN. PG 64-28, 3 INCH THICK	621 SY	20.00	12,420.00	19.00	11,799.00	20.00	12,420.00	20.94	13,003.74
126	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 4 INCH THICK	63 SY	85.00	5,355.00	23.00	1,449.00	24.00	1,512.00	23.59	1,486.17
127	PAVEMENT REPAIR EXCAVATION INCL. HAUL	63 SY	40.00	2,520.00	23.00	1,449.00	49.00	3,087.00	42.90	2,702.70
128	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 EST	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
129	COMPACTION PRICE ADJUSTMENT	1 EST	250.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00
130	STORM SEWER PIPE 4 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	5 LF	35.00	175.00	28.00	140.00	50.00	250.00	125.40	627.00
131	STORM SEWER PIPE 6 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	30 LF	47.00	1,410.00	16.00	480.00	38.00	1,140.00	21.67	650.10
132	DRYWELL TYPE 1	1 EA	3,400.00	3,400.00	4,100.00	4,100.00	4,000.00	4,000.00	3,922.00	3,922.00

<i>Project Number:</i> 2017104		<i>Engineer's Estimate</i>			Apollo Inc		Clearwater Construction & Management		Wesslen Construction 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>					Sales tax shall NOT be included in unit prices					
133	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	2 EA	650.00	1,300.00	300.00	600.00	230.00	460.00	299.00	598.00
134	CLEANING EXISTING DRAINAGE STRUCTURE	1 EA	400.00	400.00	3,200.00	3,200.00	580.00	580.00	633.00	633.00
135	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	21.00	210.00	35.00	350.00	165.00	1,650.00	42.60	426.00
136	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	25.00	250.00	52.00	520.00	110.00	1,100.00	65.55	655.50
137	TRENCH SAFETY SYSTEM	1 LS	*****	2,000.00	*****	1,200.00	*****	200.00	*****	3,565.00
138	SIDE SEWER CLEANING AND VIDEO INSPECTION	1 EA	900.00	900.00	895.00	895.00	1,400.00	1,400.00	1,265.00	1,265.00
139	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	1,000.00	*****	1,600.00	*****	150.00	*****	483.00
140	CLEANING EXISTING SANITARY SEWERS	1 EA	800.00	800.00	2,250.00	2,250.00	700.00	700.00	1,265.00	1,265.00
141	BOOSTER STATION PIPING AND PRV	1 LS	*****	80,000.00	*****	170,000.00	*****	211,300.00	*****	189,347.50
142	DI PIPE FOR WATER MAIN 12 IN. DIAM.	105 LF	160.00	16,800.00	76.00	7,980.00	96.00	10,080.00	144.57	15,179.85
143	DI PIPE FOR WATER MAIN 18 IN. DIAM.	408 LF	250.00	102,000.00	159.00	64,872.00	147.00	59,976.00	162.78	66,414.24
144	DI PIPE FOR WATER MAIN 24 IN. DIAM.	6 LF	320.00	1,920.00	526.00	3,156.00	597.00	3,582.00	1,035.00	6,210.00
145	DI PIPE FOR WATER MAIN 30 IN. DIAM.	447 LF	400.00	178,800.00	269.00	120,243.00	327.00	146,169.00	388.86	173,820.42
146	BLOWOFF ASSEMBLY	2 EA	9,000.00	18,000.00	8,500.00	17,000.00	5,750.00	11,500.00	6,612.50	13,225.00
147	GATE VALVE 12 IN.	2 EA	2,500.00	5,000.00	2,640.00	5,280.00	3,800.00	7,600.00	3,651.50	7,303.00
148	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 2 IN	2 EA	5,000.00	10,000.00	3,650.00	7,300.00	5,650.00	11,300.00	7,647.50	15,295.00
149	TRENCH EXCAVATION FOR WATER SERVICE TAP	1 EA	700.00	700.00	1,150.00	1,150.00	1,400.00	1,400.00	2,329.00	2,329.00
150	BOOSTER STATION WATER SUPPLY	1 LS	*****	1,500.00	*****	2,900.00	*****	2,600.00	*****	4,658.00

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151	SIDE SEWER PIPE 6 IN. DIAM.	96 LF	45.00	4,320.00	20.00	1,920.00	64.58	6,199.68	74.27	7,129.92
152	SIDE SEWER PERMIT	1 EA	40.00	40.00	8,000.00	8,000.00	150.00	150.00	230.00	230.00
153	SEWER CLEANOUT	3 EA	800.00	2,400.00	750.00	2,250.00	430.00	1,290.00	253.00	759.00
154	ESC LEAD	1 LS	*****	2,500.00	*****	56.00	*****	1,000.00	*****	633.00
155	MATERIAL ON HAND, EROSION CONTROL	1 LS	*****	3,000.00	*****	27,700.00	*****	2,100.00	*****	2,933.00
156	INLET PROTECTION	1 EA	150.00	150.00	102.00	102.00	120.00	120.00	121.00	121.00
157	STABILIZED CONSTRUCTION ENTRANCE	9 SY	15.00	135.00	107.00	963.00	388.00	3,492.00	147.00	1,323.00
158	SILT FENCE	262 LF	5.00	1,310.00	4.00	1,048.00	6.49	1,700.38	3.73	977.26
159	LANDSCAPING	1 LS	*****	8,000.00	*****	7,900.00	*****	8,300.00	*****	5,750.00
160	PSIPE 1.5 INCH CAL. TREE	9 EA	400.00	3,600.00	350.00	3,150.00	366.00	3,294.00	255.56	2,300.04
161	WEED AND PEST CONTROL	6700 SY	1.00	6,700.00	1.67	11,189.00	1.00	6,700.00	0.86	5,762.00
162	HYDROSEEDING	2807 SY	4.00	11,228.00	1.35	3,789.45	1.18	3,312.26	1.36	3,817.52
163	TOPSOIL TYPE A, 3 INCH THICK	2807 SY	7.00	19,649.00	6.50	18,245.50	6.80	19,087.60	2.83	7,943.81
164	IRRIGATION SYSTEM	1 LS	*****	5,000.00	*****	9,800.00	*****	10,300.00	*****	10,235.00
165	CEMENT CONCRETE CURB	35 LF	35.00	1,225.00	38.00	1,330.00	34.00	1,190.00	52.91	1,851.85
166	CEMENT CONCRETE DRIVEWAY	20 SY	120.00	2,400.00	1.89	37.80	170.00	3,400.00	168.65	3,373.00
167	CHAIN LINK FENCE TYPE 3 MODIFIED	118 LF	50.00	5,900.00	17.00	2,006.00	16.00	1,888.00	40.25	4,749.50
168	CHAIN LINK FENCE TYPE 4	70 LF	35.00	2,450.00	12.00	840.00	11.50	805.00	28.76	2,013.20
169	END, GATE, CORNER, AND PULL POST FOR CHAIN LINK FENCE	16 EA	300.00	4,800.00	195.00	3,120.00	206.00	3,296.00	80.50	1,288.00

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170	DOUBLE 14 FT CHAIN LINK GATE	2 EA	1,600.00	3,200.00	1,300.00	2,600.00	1,400.00	2,800.00	1,150.00	2,300.00
171	DOUBLE 20 FT CHAIN LINK GATE	1 EA	2,000.00	2,000.00	2,000.00	2,000.00	2,100.00	2,100.00	1,380.00	1,380.00
172	SINGLE 6 FT CHAIN LINK GATE	1 EA	500.00	500.00	400.00	400.00	400.00	400.00	575.00	575.00
173	CEMENT CONC. SIDEWALK 6 IN. THICK	58 SY	60.00	3,480.00	143.00	8,294.00	134.00	7,772.00	122.05	7,078.90
174	PUMP AND SYSTEM - 750 GPM	1 EA	110,000.00	110,000.00	73,000.00	73,000.00	81,100.00	81,100.00	76,613.00	76,613.00
175	PUMP AND SYSTEM - 1500 GPM	2 EA	140,000.00	280,000.00	85,000.00	170,000.00	94,000.00	188,000.00	88,967.00	177,934.00
176	PUMP AND SYSTEM - 2500 GPM	2 EA	180,000.00	360,000.00	100,000.00	200,000.00	99,750.00	199,500.00	103,810.50	207,621.00
177	PUMP BARRELS (CANS) 30 IN. DIAM.	5 EA	25,000.00	125,000.00	40,000.00	200,000.00	37,000.00	185,000.00	41,003.20	205,016.00
178	PUMPS AND SYSTEM STARTUP, TESTING, AND OPERATIONS	1 LS	*****	60,000.00	*****	8,000.00	*****	9,300.00	*****	7,360.00
179	BOOSTER STATION BUILDING	1 LS	*****	340,000.00	*****	526,000.00	*****	487,000.00	*****	572,365.00
180	GENERAL ELECTRICAL AND LIGHTING	1 LS	*****	100,000.00	*****	138,000.00	*****	184,500.00	*****	170,200.00
181	MOTOR CONTROL CENTERS	1 LS	*****	410,000.00	*****	390,000.00	*****	348,000.00	*****	339,379.00
182	POWER GENERATION	1 LS	*****	240,000.00	*****	223,000.00	*****	211,000.00	*****	205,850.00
183	FLOWMETER	1 EA	4,000.00	4,000.00	31,000.00	31,000.00	28,000.00	28,000.00	26,795.00	26,795.00
184	BUILDING HVAC AND CONTROL SYSTEMS	1 LS	*****	120,000.00	*****	59,000.00	*****	67,076.00	*****	76,188.00
185	PLUMBING SYSTEMS	1 LS	*****	80,000.00	*****	61,000.00	*****	67,900.00	*****	63,067.00
Schedule Totals				3,093,836.00		2,880,861.30		2,908,018.60		2,927,378.89

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101	RECORD DRAWINGS	1 LS	*****	4,500.00	*****	4,500.00	*****	0.00	*****	0.00
102	REIMBURSEMENT FOR THIRD PARTY DAMAGE	-1 EST	1.00	-1.00	1.00	-1.00	0.00	0.00	0.00	0.00
103	SPCC PLAN	1 LS	*****	800.00	*****	500.00	*****	0.00	*****	0.00
104	POTHOLING	2 EA	400.00	800.00	456.00	912.00	0.00	0.00	0.00	0.00
105	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	1,000.00	*****	1,700.00	*****	0.00	*****	0.00
106	MOBILIZATION	1 LS	*****	220,000.00	*****	250,000.00	*****	0.00	*****	0.00
107	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	3,000.00	*****	1,757.00	*****	0.00	*****	0.00
108	CLEARING AND GRUBBING	1 LS	*****	8,000.00	*****	10,000.00	*****	0.00	*****	0.00
109	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	4,000.00	*****	3,000.00	*****	0.00	*****	0.00
110	REMOVE TREE, CLASS I	10 EA	400.00	4,000.00	146.00	1,460.00	0.00	0.00	0.00	0.00
111	REMOVE TREE, CLASS II	2 EA	1,200.00	2,400.00	1,200.00	2,400.00	0.00	0.00	0.00	0.00
112	REMOVE TREE, CLASS III	1 EA	3,700.00	3,700.00	2,100.00	2,100.00	0.00	0.00	0.00	0.00
113	TREE PRUNING	6 EA	400.00	2,400.00	220.00	1,320.00	0.00	0.00	0.00	0.00
114	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	7,000.00	*****	3,000.00	*****	0.00	*****	0.00
115	REMOVE EXISTING CURB	35 LF	8.00	280.00	3.00	105.00	0.00	0.00	0.00	0.00
116	SAWCUTTING CURB	2 EA	28.00	56.00	23.00	46.00	0.00	0.00	0.00	0.00
117	SAWCUTTING FLEXIBLE PAVEMENT	268 LFI	1.00	268.00	0.29	77.72	0.00	0.00	0.00	0.00
118	ROADWAY EXCAVATION INCL. HAUL	1 LS	*****	12,000.00	*****	5,000.00	*****	0.00	*****	0.00
119	REMOVE UNSUITABLE FOUNDATION MATERIAL	10 CY	21.00	210.00	18.00	180.00	0.00	0.00	0.00	0.00

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120	REPLACE UNSUITABLE FOUNDATION MATERIAL	10 CY	25.00	250.00	17.00	170.00	0.00	0.00	0.00	0.00
121	PREPARATION OF UNTREATED ROADWAY	621 SY	2.00	1,242.00	2.00	1,242.00	0.00	0.00	0.00	0.00
122	EXCAVATION, GRADING, AND SHAPING	1 LS	*****	20,000.00	*****	5,000.00	*****	0.00	*****	0.00
123	STRUCTURE EXCAVATION CLASS A INCL. HAUL - FIVE MILE BOOSTER	1 LS	*****	25,000.00	*****	50,000.00	*****	0.00	*****	0.00
124	CRUSHED SURFACING TOP COURSE	63 CY	45.00	2,835.00	70.00	4,410.00	0.00	0.00	0.00	0.00
125	HMA CL. 1/2 IN. PG 64-28, 3 INCH THICK	621 SY	20.00	12,420.00	20.00	12,420.00	0.00	0.00	0.00	0.00
126	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 4 INCH THICK	63 SY	85.00	5,355.00	24.00	1,512.00	0.00	0.00	0.00	0.00
127	PAVEMENT REPAIR EXCAVATION INCL. HAUL	63 SY	40.00	2,520.00	18.00	1,134.00	0.00	0.00	0.00	0.00
128	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 EST	-1.00	-1.00	-1.00	-1.00	0.00	0.00	0.00	0.00
129	COMPACTION PRICE ADJUSTMENT	1 EST	250.00	250.00	250.00	250.00	0.00	0.00	0.00	0.00
130	STORM SEWER PIPE 4 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	5 LF	35.00	175.00	40.00	200.00	0.00	0.00	0.00	0.00
131	STORM SEWER PIPE 6 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	30 LF	47.00	1,410.00	29.00	870.00	0.00	0.00	0.00	0.00
132	DRYWELL TYPE 1	1 EA	3,400.00	3,400.00	4,500.00	4,500.00	0.00	0.00	0.00	0.00
133	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	2 EA	650.00	1,300.00	158.00	316.00	0.00	0.00	0.00	0.00
134	CLEANING EXISTING DRAINAGE STRUCTURE	1 EA	400.00	400.00	100.00	100.00	0.00	0.00	0.00	0.00
135	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	21.00	210.00	16.00	160.00	0.00	0.00	0.00	0.00
136	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	10 CY	25.00	250.00	15.00	150.00	0.00	0.00	0.00	0.00

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137	TRENCH SAFETY SYSTEM	1 LS	*****	2,000.00	*****	500.00	*****	0.00	*****	0.00
138	SIDE SEWER CLEANING AND VIDEO INSPECTION	1 EA	900.00	900.00	820.00	820.00	0.00	0.00	0.00	0.00
139	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	1,000.00	*****	3,000.00	*****	0.00	*****	0.00
140	CLEANING EXISTING SANITARY SEWERS	1 EA	800.00	800.00	400.00	400.00	0.00	0.00	0.00	0.00
141	BOOSTER STATION PIPING AND PRV	1 LS	*****	80,000.00	*****	300,000.00	*****	0.00	*****	0.00
142	DI PIPE FOR WATER MAIN 12 IN. DIAM.	105 LF	160.00	16,800.00	1.00	105.00	0.00	0.00	0.00	0.00
143	DI PIPE FOR WATER MAIN 18 IN. DIAM.	408 LF	250.00	102,000.00	1.00	408.00	0.00	0.00	0.00	0.00
144	DI PIPE FOR WATER MAIN 24 IN. DIAM.	6 LF	320.00	1,920.00	953.00	5,718.00	0.00	0.00	0.00	0.00
145	DI PIPE FOR WATER MAIN 30 IN. DIAM.	447 LF	400.00	178,800.00	292.00	130,524.00	0.00	0.00	0.00	0.00
146	BLOWOFF ASSEMBLY	2 EA	9,000.00	18,000.00	5,700.00	11,400.00	0.00	0.00	0.00	0.00
147	GATE VALVE 12 IN.	2 EA	2,500.00	5,000.00	2,600.00	5,200.00	0.00	0.00	0.00	0.00
148	COMBINATION AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 2 IN	2 EA	5,000.00	10,000.00	4,000.00	8,000.00	0.00	0.00	0.00	0.00
149	TRENCH EXCAVATION FOR WATER SERVICE TAP	1 EA	700.00	700.00	627.00	627.00	0.00	0.00	0.00	0.00
150	BOOSTER STATION WATER SUPPLY	1 LS	*****	1,500.00	*****	3,000.00	*****	0.00	*****	0.00
151	SIDE SEWER PIPE 6 IN. DIAM.	96 LF	45.00	4,320.00	28.00	2,688.00	0.00	0.00	0.00	0.00
152	SIDE SEWER PERMIT	1 EA	40.00	40.00	47.00	47.00	0.00	0.00	0.00	0.00
153	SEWER CLEANOUT	3 EA	800.00	2,400.00	440.00	1,320.00	0.00	0.00	0.00	0.00
154	ESC LEAD	1 LS	*****	2,500.00	*****	500.00	*****	0.00	*****	0.00
155	MATERIAL ON HAND, EROSION CONTROL	1 LS	*****	3,000.00	*****	6,000.00	*****	0.00	*****	0.00

<i>Project Number:</i> 2017104		<i>Engineer's Estimate</i>			Halme Construction 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>					Sales tax shall NOT be included in unit prices					
156	INLET PROTECTION	1 EA	150.00	150.00	70.00	70.00	0.00	0.00	0.00	0.00
157	STABILIZED CONSTRUCTION ENTRANCE	9 SY	15.00	135.00	150.00	1,350.00	0.00	0.00	0.00	0.00
158	SILT FENCE	262 LF	5.00	1,310.00	5.00	1,310.00	0.00	0.00	0.00	0.00
159	LANDSCAPING	1 LS	*****	8,000.00	*****	8,000.00	*****	0.00	*****	0.00
160	PSIPE 1.5 INCH CAL. TREE	9 EA	400.00	3,600.00	375.00	3,375.00	0.00	0.00	0.00	0.00
161	WEED AND PEST CONTROL	6700 SY	1.00	6,700.00	0.75	5,025.00	0.00	0.00	0.00	0.00
162	HYDROSEEDING	2807 SY	4.00	11,228.00	1.00	2,807.00	0.00	0.00	0.00	0.00
163	TOPSOIL TYPE A, 3 INCH THICK	2807 SY	7.00	19,649.00	7.00	19,649.00	0.00	0.00	0.00	0.00
164	IRRIGATION SYSTEM	1 LS	*****	5,000.00	*****	10,000.00	*****	0.00	*****	0.00
165	CEMENT CONCRETE CURB	35 LF	35.00	1,225.00	42.00	1,470.00	0.00	0.00	0.00	0.00
166	CEMENT CONCRETE DRIVEWAY	20 SY	120.00	2,400.00	185.00	3,700.00	0.00	0.00	0.00	0.00
167	CHAIN LINK FENCE TYPE 3 MODIFIED	118 LF	50.00	5,900.00	18.00	2,124.00	0.00	0.00	0.00	0.00
168	CHAIN LINK FENCE TYPE 4	70 LF	35.00	2,450.00	12.00	840.00	0.00	0.00	0.00	0.00
169	END, GATE, CORNER, AND PULL POST FOR CHAIN LINK FENCE	16 EA	300.00	4,800.00	200.00	3,200.00	0.00	0.00	0.00	0.00
170	DOUBLE 14 FT CHAIN LINK GATE	2 EA	1,600.00	3,200.00	1,400.00	2,800.00	0.00	0.00	0.00	0.00
171	DOUBLE 20 FT CHAIN LINK GATE	1 EA	2,000.00	2,000.00	2,100.00	2,100.00	0.00	0.00	0.00	0.00
172	SINGLE 6 FT CHAIN LINK GATE	1 EA	500.00	500.00	409.00	409.00	0.00	0.00	0.00	0.00
173	CEMENT CONC. SIDEWALK 6 IN. THICK	58 SY	60.00	3,480.00	135.00	7,830.00	0.00	0.00	0.00	0.00
174	PUMP AND SYSTEM - 750 GPM	1 EA	110,000.00	110,000.00	90,000.00	90,000.00	0.00	0.00	0.00	0.00

Project Number: 2017104		Engineer's Estimate		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

Sales tax shall NOT be included in unit prices

175	PUMP AND SYSTEM - 1500 GPM	2 EA	140,000.00	280,000.00	100,000.00	200,000.00	0.00	0.00	0.00	0.00
176	PUMP AND SYSTEM - 2500 GPM	2 EA	180,000.00	360,000.00	105,500.00	211,000.00	0.00	0.00	0.00	0.00
177	PUMP BARRELS (CANS) 30 IN. DIAM.	5 EA	25,000.00	125,000.00	25,000.00	125,000.00	0.00	0.00	0.00	0.00
178	PUMPS AND SYSTEM STARTUP, TESTING, AND OPERATIONS	1 LS	*****	60,000.00	*****	14,000.00	*****	0.00	*****	0.00
179	BOOSTER STATION BUILDING	1 LS	*****	340,000.00	*****	620,000.00	*****	0.00	*****	0.00
180	GENERAL ELECTRICAL AND LIGHTING	1 LS	*****	100,000.00	*****	145,000.00	*****	0.00	*****	0.00
181	MOTOR CONTROL CENTERS	1 LS	*****	410,000.00	*****	350,000.00	*****	0.00	*****	0.00
182	POWER GENERATION	1 LS	*****	240,000.00	*****	200,000.00	*****	0.00	*****	0.00
183	FLOWMETER	1 EA	4,000.00	4,000.00	60,000.00	60,000.00	0.00	0.00	0.00	0.00
184	BUILDING HVAC AND CONTROL SYSTEMS	1 LS	*****	120,000.00	*****	40,000.00	*****	0.00	*****	0.00
185	PLUMBING SYSTEMS	1 LS	*****	80,000.00	*****	92,000.00	*****	0.00	*****	0.00
Schedule Totals				3,093,836.00		3,073,805.72		0.00		0.00

Project Number **2017104**

Five Mile Booster Station

SCHEDULE SUMMARY

	Sched 1	Sched 2	Sched 3	Sched 4	Sched 5	Sched 6	Sched 7	Sched 8	Total
Engineer's Est	3,093,836.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,093,836.00
Apollo Inc	2,880,861.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,880,861.30
Clearwater Constructio	2,908,018.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,908,018.60
Wesslen Construction I	2,927,378.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,927,378.89
Halme Construction Inc	3,073,805.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,073,805.72

Low Bid Contractor: Apollo Inc

	Contractor's Bid	Engineer's Estimate	% Variance	
Schedule 01	\$3,134,377.10	\$3,366,093.57	6.88	% Under Estimate
Bid Totals	\$3,134,377.10	\$3,366,093.57	6.88	% Under Estimate