

**City Of Spokane**  
**Engineering Services Department**

**\*\*\* Bid Tabulation \*\*\***

**Project Number:** 2013214

**Project Description:** IO3 Control Facility

**Funding Source:** Local

**Preparer:** Michael Myers

**Original Date:** 2/17/2017 8:40:13 AM

**Update Date:** 4/3/2017 2:21:34 PM

**Addendum:**

<b>Project Number: 2013214</b>			<b>Engineer's Estimate</b>		Clearwater Construction & Management		Halme Construction Inc		Garco Construction Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

**Schedule Description**

**Tax Classification**

**Schedule 01**

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101	POST-CONSTRUCTION SURVEYING	1 LS	*****	5,000.00	*****	5,800.00	*****	5,500.00	*****	7,500.00
102	RECORD DRAWINGS	1 LS	*****	8,000.00	*****	8,000.00	*****	8,000.00	*****	8,000.00
103	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
104	SPCC PLAN	1 LS	*****	800.00	*****	300.00	*****	500.00	*****	1,000.00
105	POTHOLING	10 EA	550.00	5,500.00	180.00	1,800.00	378.00	3,780.00	500.00	5,000.00
106	REFERENCE AND REESTABLISH SURVEY MONUMENT	3 EA	500.00	1,500.00	366.67	1,100.01	420.00	1,260.00	600.00	1,800.00
107	CLASSIFICATION AND PROTECTION OF SURVEY MONUMENTS	1 LS	*****	1,000.00	*****	2,900.00	*****	2,640.00	*****	5,000.00
108	MOBILIZATION	1 LS	*****	730,000.00	*****	626,300.00	*****	950,000.00	*****	990,000.00
109	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	60,000.00	*****	26,800.00	*****	30,000.00	*****	65,000.00
110	SPECIAL SIGNS	100 SF	20.00	2,000.00	12.00	1,200.00	12.00	1,200.00	20.00	2,000.00
111	SEQUENTIAL ARROW SIGN	400 HR	5.00	2,000.00	4.00	1,600.00	5.00	2,000.00	5.00	2,000.00
112	PORTABLE CHANGEABLE MESSAGE SIGN	500 HR	7.00	3,500.00	5.60	2,800.00	6.00	3,000.00	7.00	3,500.00
113	TYPE III BARRICADE	30 EA	50.00	1,500.00	46.67	1,400.10	48.00	1,440.00	50.00	1,500.00
114	CLEARING AND GRUBBING	1 LS	*****	35,000.00	*****	11,100.00	*****	70,000.00	*****	25,000.00

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115	MATERIAL ON HAND, TREE PROTECTION	1 LS	*****	3,000.00	*****	5,000.00	*****	3,300.00	*****	5,000.00
116	REMOVE TREE, CLASS I	7 EA	500.00	3,500.00	214.29	1,500.03	228.00	1,596.00	250.00	1,750.00
117	REMOVE TREE, CLASS II	4 EA	1,000.00	4,000.00	750.00	3,000.00	780.00	3,120.00	750.00	3,000.00
118	REMOVE TREE, CLASS III	2 EA	1,500.00	3,000.00	1,100.00	2,200.00	1,200.00	2,400.00	1,100.00	2,200.00
119	REMOVE TREE, CLASS IV	2 EA	2,100.00	4,200.00	1,950.00	3,900.00	2,100.00	4,200.00	1,800.00	3,600.00
120	REMOVAL OF STRUCTURE AND OBSTRUCTION	1 LS	*****	2,000.00	*****	20,800.00	*****	15,000.00	*****	25,000.00
121	REMOVE EXISTING CURB	1655 LF	4.50	7,447.50	5.56	9,201.80	2.50	4,137.50	7.00	11,585.00
122	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	340 SY	9.00	3,060.00	8.82	2,998.80	5.00	1,700.00	13.00	4,420.00
123	SAWCUTTING CURB	8 EA	28.00	224.00	25.00	200.00	25.00	200.00	125.00	1,000.00
124	SAWCUTTING RIGID PAVEMENT	335 LFI	1.10	368.50	1.19	398.65	1.00	335.00	3.50	1,172.50
125	SAWCUTTING FLEXIBLE PAVEMENT	5425 LFI	0.50	2,712.50	0.81	4,394.25	0.30	1,627.50	2.50	13,562.50
126	SAWCUTTING TRIP HAZARD	50 LFI	25.00	1,250.00	30.00	1,500.00	36.00	1,800.00	4.00	200.00
127	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	4 EA	600.00	2,400.00	325.00	1,300.00	261.00	1,044.00	700.00	2,800.00
128	ROADWAY EXCAVATION INCL. HAUL	1030 CY	25.00	25,750.00	14.85	15,295.50	17.00	17,510.00	32.00	32,960.00
129	REMOVE UNSUITABLE FOUNDATION MATERIAL	35 CY	18.00	630.00	20.00	700.00	30.00	1,050.00	100.00	3,500.00
130	REPLACE UNSUITABLE FOUNDATION MATERIAL	45 CY	12.00	540.00	28.89	1,300.05	10.00	450.00	125.00	5,625.00
131	GRANULAR BORROW INCL. HAUL	4875 CY	18.00	87,750.00	16.35	79,706.25	12.00	58,500.00	17.50	85,312.50
132	SELECT GRANULAR BORROW INCL. HAUL	2135 CY	20.00	42,700.00	18.69	39,903.15	10.00	21,350.00	22.00	46,970.00
133	BANK EXCAVATION, SHAPING & GRADING - UPPER SITE	1 LS	*****	15,000.00	*****	26,300.00	*****	25,000.00	*****	40,000.00

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134	BANK EXCAVATION, SHAPING & GRADING - TEMP ACCESS ROAD	1 LS	*****	7,000.00	*****	15,800.00	*****	5,500.00	*****	28,000.00
135	PREPARATION OF UNTREATED ROADWAY	5230 SY	3.00	15,690.00	2.62	13,702.60	1.00	5,230.00	3.00	15,690.00
136	STRUCTURE EXCAVATION CLASS A INCL. HAUL	27050 CY	25.00	676,250.00	11.77	318,378.50	20.00	541,000.00	22.00	595,100.00
137	EXTRA EXCAVATION CLASS A INCL. HAUL	1050 CY	27.00	28,350.00	5.81	6,100.50	25.00	26,250.00	25.00	26,250.00
138	SHORING - IO3 TANK	1500 SF	130.00	195,000.00	43.80	65,700.00	200.00	300,000.00	100.00	150,000.00
139	SHORING OR EXTRA EXCAVATION CLASS A - MERGE VAULT	1 LS	*****	45,000.00	*****	91,000.00	*****	50,000.00	*****	110,000.00
140	SHORING OR EXTRA EXCAVATION - REBUILT 9A-1 SEWER	1 LS	*****	75,000.00	*****	77,000.00	*****	150,000.00	*****	45,000.00
141	GRAVEL BACKFILL FOR WALLS	1430 CY	25.00	35,750.00	19.51	27,899.30	33.00	47,190.00	20.00	28,600.00
142	FLEXIBLE POROUS PAVEMENT	1370 SY	65.00	89,050.00	51.39	70,404.30	61.00	83,570.00	45.00	61,650.00
143	CRUSHED SURFACING TOP COURSE	495 CY	47.00	23,265.00	44.44	21,997.80	46.50	23,017.50	48.00	23,760.00
144	CRUSHED SURFACING BASE COURSE	140 CY	47.00	6,580.00	37.14	5,199.60	38.00	5,320.00	48.00	6,720.00
145	CSTC FOR SIDEWALK AND DRIVEWAYS	25 CY	75.00	1,875.00	56.00	1,400.00	183.00	4,575.00	125.00	3,125.00
146	HMA CL. 1/2 IN. PG 64-28, 3 INCH THICK	3545 SY	15.00	53,175.00	18.67	66,185.15	20.00	70,900.00	16.00	56,720.00
147	HMA CL. 1/2 IN. PG 70-28, 5.5 INCH THICK	1685 SY	27.00	45,495.00	31.51	53,094.35	33.00	55,605.00	27.00	45,495.00
148	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-28, 3 INCH THICK	150 SY	80.00	12,000.00	32.67	4,900.50	34.00	5,100.00	28.00	4,200.00
149	PAVEMENT REPAIR EXCAVATION INCL. HAUL	150 SY	25.00	3,750.00	23.33	3,499.50	24.00	3,600.00	23.00	3,450.00
150	JOB MIX COMPLIANCE PRICE ADJUSTMENT	1 CAL	1,980.00	1,980.00	1,980.00	1,980.00	1,980.00	1,980.00	1,980.00	1,980.00
151	COMPACTION PRICE ADJUSTMENT	1 CAL	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
152	CONCRETE STRUCTURE - IO3	1 LS	*****	3,100,000.00	*****	2,083,900.00	*****	2,400,000.00	*****	2,856,895.70

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153	CONCRETE STRUCTURE - GRACE VAULT	1 LS	*****	70,000.00	*****	90,300.00	*****	200,000.00	*****	200,000.00
154	CONCRETE STRUCTURE - MERGE VAULT	1 LS	*****	31,000.00	*****	61,200.00	*****	75,000.00	*****	150,000.00
155	WATERPROOFING	385 SY	60.00	23,100.00	45.19	17,398.15	48.00	18,480.00	45.00	17,325.00
156	TEMPORARY CONC. BARRIER	335 LF	15.00	5,025.00	38.21	12,800.35	31.00	10,385.00	30.00	10,050.00
157	MANHOLE TYPE I-48, BASIC PRICE	2 EA	3,500.00	7,000.00	3,500.00	7,000.00	3,550.00	7,100.00	3,500.00	7,000.00
158	MANHOLE TYPE II-60, BASIC PRICE	3 EA	6,500.00	19,500.00	5,600.00	16,800.00	5,650.00	16,950.00	7,000.00	21,000.00
159	MANHOLE TYPE II-72, BASIC PRICE	9 EA	7,500.00	67,500.00	8,400.00	75,600.00	7,875.00	70,875.00	7,500.00	67,500.00
160	MANHOLE ADDITIONAL HEIGHT 60 IN. DIAM. TYPE II	21 VF	200.00	4,200.00	204.76	4,299.96	225.00	4,725.00	160.00	3,360.00
161	MANHOLE ADDITIONAL HEIGHT 72 IN. DIAM. TYPE II	67 VF	240.00	16,080.00	232.84	15,600.28	265.00	17,755.00	80.00	5,360.00
162	DRYWELL TYPE 1	1 EA	3,500.00	3,500.00	3,000.00	3,000.00	3,550.00	3,550.00	3,500.00	3,500.00
163	RETROFIT CURB & SURFACE INLET FRAME & GRATE WITH HOOD, FRAME AND BI-DIRECTIONAL VANED GRATE	1 EA	900.00	900.00	1,000.00	1,000.00	545.00	545.00	1,500.00	1,500.00
164	MANHOLE OR DRYWELL FRAME AND COVER (STANDARD)	5 EA	650.00	3,250.00	460.00	2,300.00	485.00	2,425.00	600.00	3,000.00
165	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	11 EA	700.00	7,700.00	554.55	6,100.05	515.00	5,665.00	600.00	6,600.00
166	CONNECT 36 IN. DIAMETER PIPE TO EXISTING SEWER PIPE	2 EA	300.00	600.00	9,650.00	19,300.00	1,200.00	2,400.00	7,000.00	14,000.00
167	MANHOLE TEST	4 EA	550.00	2,200.00	475.00	1,900.00	620.00	2,480.00	1,000.00	4,000.00
168	BYPASS SEWER PUMPING - RIVERVIEW	1 LS	*****	10,000.00	*****	18,700.00	*****	23,000.00	*****	45,000.00
169	BYPASS SEWER PUMPING - GRACE	1 LS	*****	17,000.00	*****	44,350.00	*****	22,000.00	*****	40,000.00

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170	CLEANING EXISTING DRAINAGE STRUCTURE	6 EA	500.00	3,000.00	300.00	1,800.00	100.00	600.00	800.00	4,800.00
171	REMOVE UNSUITABLE PIPE FOUNDATION MATERIAL	40 CY	15.00	600.00	21.00	840.00	16.00	640.00	100.00	4,000.00
172	REPLACE UNSUITABLE PIPE FOUNDATION MATERIAL	52 CY	18.00	936.00	28.85	1,500.20	12.00	624.00	125.00	6,500.00
173	TRENCH SAFETY SYSTEM	1 LS	*****	8,000.00	*****	30,300.00	*****	92,000.00	*****	1,500.00
174	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	60 LF	55.00	3,300.00	40.00	2,400.00	79.00	4,740.00	75.00	4,500.00
175	OUTLET TRAP	2 EA	450.00	900.00	300.00	600.00	481.00	962.00	300.00	600.00
176	FORCE MAIN PIPING	1 LS	*****	33,500.00	*****	45,200.00	*****	27,500.00	*****	100,000.00
177	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	12,000.00	*****	5,800.00	*****	30,000.00	*****	8,000.00
178	CLEANING EXISTING SANITARY SEWER	2 EA	400.00	800.00	400.00	800.00	362.00	724.00	600.00	1,200.00
179	DI PIPE FOR WATER MAIN 4 IN. DIAM.	30 LF	50.00	1,500.00	83.33	2,499.90	241.00	7,230.00	80.00	2,400.00
180	DI PIPE FOR WATER MAIN 6 IN. DIAM.	680 LF	60.00	40,800.00	56.03	38,100.40	40.00	27,200.00	80.00	54,400.00
181	DI PIPE FOR WATER MAIN 18 IN. DIAM.	535 LF	110.00	58,850.00	140.56	75,199.60	148.00	79,180.00	120.00	64,200.00
182	GATE VALVE 6 IN.	2 EA	1,000.00	2,000.00	700.00	1,400.00	1,900.00	3,800.00	1,000.00	2,000.00
183	HYDRANT OFFSET ASSEMBLY	1 EA	5,000.00	5,000.00	7,700.00	7,700.00	6,000.00	6,000.00	8,000.00	8,000.00
184	TRENCH EXCAVATION FOR WATER SERVICE TAP	60 LF	32.00	1,920.00	35.00	2,100.00	36.00	2,160.00	100.00	6,000.00
185	CSO FACILITY WATER SUPPLY & BACKFLOW PREVENTER ASSEMBLY	1 LS	*****	43,000.00	*****	37,000.00	*****	34,000.00	*****	75,000.00
186	SANITARY SEWER PIPE 15 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	84 LF	100.00	8,400.00	88.10	7,400.40	130.00	10,920.00	80.00	6,720.00
187	SANITARY SEWER PIPE 24 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	106 LF	190.00	20,140.00	153.77	16,299.62	385.00	40,810.00	150.00	15,900.00

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188	SANITARY SEWER PIPE 36 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	1171 LF	250.00	292,750.00	277.20	324,601.20	907.00	1,062,097.00	240.00	281,040.00
189	SANITARY SEWER PIPE 36 IN. DIAM. RCP CL III INCL. STRUCTURAL EXCAVATION CLASS B	64 LF	300.00	19,200.00	440.63	28,200.32	238.00	15,232.00	350.00	22,400.00
190	SANITARY SEWER PIPE 36 IN. DIAM. RCP CL IV INCL. STRUCTURAL EXCAVATION CLASS B	134 LF	325.00	43,550.00	373.13	49,999.42	252.00	33,768.00	350.00	46,900.00
191	SANITARY SEWER PIPE 42 IN. DIAM. RCP CL IV INCL. STRUCTURAL EXCAVATION CLASS B	20 LF	375.00	7,500.00	555.00	11,100.00	343.00	6,860.00	500.00	10,000.00
192	FLOW CONTROL DEVICES AND CONTROLS	1 LS	*****	275,000.00	*****	303,300.00	*****	250,000.00	*****	450,000.00
193	DETENTION TANK APPURTENANCES	1 LS	*****	120,000.00	*****	387,500.00	*****	240,000.00	*****	120,000.00
194	MECHANICAL AND ODOR CONTROL EQUIPMENT	1 LS	*****	490,000.00	*****	301,000.00	*****	350,000.00	*****	700,000.00
195	ESC LEAD	1 LS	*****	2,000.00	*****	600.00	*****	500.00	*****	5,000.00
196	MATERIAL ON HAND, EROSION CONTROL	1 LS	*****	4,500.00	*****	2,900.00	*****	9,500.00	*****	3,000.00
197	BIODEGRADABLE EROSION CONTROL BLANKET	150 SY	12.00	1,800.00	7.33	1,099.50	3.00	450.00	9.00	1,350.00
198	INLET PROTECTION	13 EA	45.00	585.00	115.38	1,499.94	63.00	819.00	500.00	6,500.00
199	SILT FENCE	2600 LF	6.00	15,600.00	5.27	13,702.00	4.00	10,400.00	5.00	13,000.00
200	LANDSCAPING - IO3 AND UPPER	1 LS	*****	45,000.00	*****	7,100.00	*****	47,500.00	*****	7,000.00
201	LANDSCAPING - RIVERVIEW AND GRACE	1 LS	*****	5,000.00	*****	22,300.00	*****	32,000.00	*****	20,000.00
202	PLANT SELECTION SHRUBS, 2 GAL	68 EA	35.00	2,380.00	48.53	3,300.04	44.00	2,992.00	42.00	2,856.00
203	PLANT SELECTION SHRUBS, 3 GAL	44 EA	45.00	1,980.00	61.36	2,699.84	55.00	2,420.00	52.00	2,288.00
204	PLANT SELECTION SHRUBS, 5 GAL	15 EA	75.00	1,125.00	73.33	1,099.95	64.00	960.00	61.00	915.00

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205	PLANT SELECTION SHRUBS, 4 INCH POTS	385 EA	8.00	3,080.00	11.69	4,500.65	11.00	4,235.00	10.00	3,850.00
206	PLANT SELECTION 1.5 INCH CAL. DECIDUOUS	4 EA	450.00	1,800.00	275.00	1,100.00	145.00	580.00	235.00	940.00
207	PLANT SELECTION 2 INCH CAL. DECIDUOUS	21 EA	500.00	10,500.00	538.10	11,300.10	550.00	11,550.00	460.00	9,660.00
208	PLANT SELECTION 4' TO 6' HIGH EVERGREEN	13 EA	450.00	5,850.00	176.92	2,299.96	160.00	2,080.00	152.00	1,976.00
209	PLANT SELECTION 8' TO 10' HIGH EVERGREEN	5 EA	500.00	2,500.00	460.00	2,300.00	420.00	2,100.00	400.00	2,000.00
210	WEED AND PEST CONTROL	1 FA	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
211	HYDROSEEDING - LOW MAINTENANCE GRASS	1565 SY	1.50	2,347.50	0.77	1,205.05	1.50	2,347.50	0.70	1,095.50
212	HYDROSEEDING - DRYLAND GRASS	1478 SY	1.50	2,217.00	0.74	1,093.72	1.50	2,217.00	0.70	1,034.60
213	HYDROSEEDING - MEADOW GRASS	15210 SY	3.00	45,630.00	0.65	9,886.50	1.50	22,815.00	0.60	9,126.00
214	SOD INSTALLATION	760 SY	11.00	8,360.00	10.39	7,896.40	10.00	7,600.00	10.00	7,600.00
215	TOPSOIL TYPE A, 4 INCH THICK	23050 SY	8.00	184,400.00	5.60	129,080.00	5.75	132,537.50	5.00	115,250.00
216	TOPSOIL FOR BIO-FILTRATION SWALES, 6 INCH THICK INCL. SE	1375 SY	12.00	16,500.00	9.45	12,993.75	10.00	13,750.00	9.00	12,375.00
217	CONSTRUCT BIO-INFILTRATION SWALE	1375 SY	15.00	20,625.00	2.33	3,203.75	4.00	5,500.00	7.00	9,625.00
218	IRRIGATION SYSTEM - UPPER AREA	1 LS	*****	75,000.00	*****	28,700.00	*****	30,000.00	*****	25,000.00
219	IRRIGATION SYSTEM - RIVERVIEW & GRACE	1 LS	*****	37,000.00	*****	13,000.00	*****	13,500.00	*****	12,000.00
220	IRRIGATION VAULT	2 EA	2,500.00	5,000.00	11,950.00	23,900.00	2,621.00	5,242.00	3,500.00	7,000.00
221	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES	1 LS	*****	12,000.00	*****	2,900.00	*****	3,000.00	*****	3,000.00
222	REMOVE AND REPLACE EXISTING SPRINKLER HEADS AND LINES - RESIDENTIAL	1 LS	*****	10,000.00	*****	11,400.00	*****	12,000.00	*****	10,000.00
223	CEMENT CONCRETE CURB	1150 LF	20.00	23,000.00	18.97	21,815.50	22.00	25,300.00	17.00	19,550.00

<b>Project Number: 2013214</b>		<b>Engineer's Estimate</b>		Clearwater Construction & Management		Halme Construction Inc		Garco Construction Inc		
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i> IO3 Control Facility					Sales tax shall NOT be included in unit prices					
224	CEMENT CONC. CURB AND GUTTER	500 LF	23.00	11,500.00	25.60	12,800.00	0.00	0.00	23.00	11,500.00
225	CEMENT CONCRETE DRIVEWAY	135 SY	65.00	8,775.00	48.89	6,600.15	0.00	0.00	45.00	6,075.00
226	CEMENT CONCRETE DRIVEWAY TRANSITION	120 SY	55.00	6,600.00	40.00	4,800.00	43.00	5,160.00	70.00	8,400.00
227	REMOVING AND RESETTING BEAM GUARDRAIL	16 LF	50.00	800.00	68.75	1,100.00	41.00	656.00	200.00	3,200.00
228	CHAIN LINK FENCE - TEMPORARY	2275 LF	6.00	13,650.00	2.86	6,506.50	5.50	12,512.50	6.00	13,650.00
229	CEMENT CONC. SIDEWALK	445 SY	37.00	16,465.00	40.45	18,000.25	42.00	18,690.00	35.00	15,575.00
230	CONDUIT TRENCH <3 FT WIDTH	2260 LF	15.00	33,900.00	14.03	31,707.80	14.00	31,640.00	15.00	33,900.00
231	CONDUIT TRENCH 3 TO 6 FT WIDTH	315 LF	40.00	12,600.00	20.95	6,599.25	25.00	7,875.00	25.00	7,875.00
232	CONDUIT TRENCH >6 FT WIDTH	35 LF	60.00	2,100.00	28.57	999.95	47.00	1,645.00	30.00	1,050.00
233	CONDUIT PIPE 2 IN DIAM. - SCH 40	2410 LF	4.00	9,640.00	23.36	56,297.60	5.60	13,496.00	3.00	7,230.00
234	CONDUIT PIPE 2 IN DIAM. - SCH 80	395 LF	8.00	3,160.00	25.57	10,100.15	6.80	2,686.00	10.00	3,950.00
235	CONDUIT PIPE 3 IN DIAM. - SCH 80	375 LF	12.00	4,500.00	29.07	10,901.25	10.00	3,750.00	20.00	7,500.00
236	CONDUIT PIPE 4 IN DIAM. - SCH 80	3365 LF	22.00	74,030.00	35.01	117,808.65	14.00	47,110.00	20.00	67,300.00
237	VAULT, PULL BOX, OR HAND HOLE INSTALLATION	10 EA	4,000.00	40,000.00	2,330.00	23,300.00	1,770.00	17,700.00	3,000.00	30,000.00
238	SIGNING, PERMANENT	1 LS	*****	9,000.00	*****	10,800.00	*****	11,000.00	*****	10,000.00
239	REMOVAL OF EXISTING PAVEMENT MARKINGS	810 SF	3.00	2,430.00	4.57	3,701.70	4.00	3,240.00	5.00	4,050.00
240	PAVEMENT MARKING - DURABLE HEAT APPLIED	810 SF	10.00	8,100.00	12.72	10,303.20	12.00	9,720.00	11.00	8,910.00
241	PAVEMENT MARKING - PAINT	20 SF	5.00	100.00	11.00	220.00	10.00	200.00	10.00	200.00
242	TEMPORARY PAVEMENT MARKING	1 LS	*****	4,000.00	*****	2,900.00	*****	2,621.00	*****	3,000.00



<b>Project Number: 2013214</b>		<b>Engineer's Estimate</b>		Clearwater Construction & Management	Halme Construction Inc	Garco Construction Inc				
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>				<i>Tax Classification</i>						
<i>Schedule 01</i> IO3 Control Facility				Sales tax shall NOT be included in unit prices						
243	ELECTRICAL SYSTEMS - CSO	1 LS	*****	450,000.00	*****	351,308.00	*****	336,000.00	*****	350,000.00
244	SANITARY SEWAGE PUMPS	1 LS	*****	62,000.00	*****	118,900.00	*****	73,000.00	*****	125,000.00
245	PUMP STARTUP & TESTING	1 LS	*****	15,000.00	*****	5,800.00	*****	5,272.00	*****	10,000.00
246	REMOVABLE BOLLARDS	2 EA	1,200.00	2,400.00	1,300.00	2,600.00	1,154.00	2,308.00	1,200.00	2,400.00
247	TREE PRUNING	3 EA	400.00	1,200.00	500.00	1,500.00	453.00	1,359.00	500.00	1,500.00
<i>Schedule Totals</i>				8,609,473.00		7,089,561.64		8,854,395.00		9,120,104.30

<b>Project Number: 2013214</b>			<b>Engineer's Estimate</b>		Clearwater Construction & Management		Halme Construction Inc		Garco Construction Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 03 Cochran Storm at Grace</i>					Sales tax shall be included in unit prices					
301	CLEARING AND GRUBBING - COCHRAN PONDS	1 LS	*****	35,000.00	*****	4,100.00	*****	15,000.00	*****	15,000.00
302	REMOVE TREE, CLASS I	23 EA	500.00	11,500.00	221.74	5,100.02	199.00	4,577.00	200.00	4,600.00
303	REMOVE TREE, CLASS II	15 EA	1,000.00	15,000.00	760.00	11,400.00	681.00	10,215.00	750.00	11,250.00
304	REMOVE TREE, CLASS III	12 EA	1,500.00	18,000.00	1,100.00	13,200.00	1,000.00	12,000.00	1,000.00	12,000.00
305	REMOVE EXISTING CURB	540 LF	4.50	2,430.00	5.56	3,002.40	2.50	1,350.00	7.00	3,780.00
306	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	135 SY	9.00	1,215.00	9.63	1,300.05	5.50	742.50	13.00	1,755.00
307	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	5 EA	750.00	3,750.00	520.00	2,600.00	193.00	965.00	700.00	3,500.00
308	SAWCUTTING CURB	6 EA	28.00	168.00	23.33	139.98	21.00	126.00	125.00	750.00
309	SAWCUTTING RIGID PAVEMENT	60 LFI	1.10	66.00	1.17	70.20	0.80	48.00	3.50	210.00
310	SAWCUTTING FLEXIBLE PAVEMENT	480 LFI	0.50	240.00	0.83	398.40	0.30	144.00	3.00	1,440.00
311	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	2 EA	600.00	1,200.00	350.00	700.00	279.00	558.00	750.00	1,500.00
312	ROADWAY EXCAVATION INCL. HAUL	245 CY	25.00	6,125.00	21.63	5,299.35	19.00	4,655.00	35.00	8,575.00
313	SELECT GRANULAR BORROW INCL HAUL	1030 CY	20.00	20,600.00	22.15	22,814.50	10.00	10,300.00	18.00	18,540.00
314	BANK EXCAVATION, SHAPING & GRADING - COCHRAN	1 LS	*****	42,000.00	*****	56,900.00	*****	23,000.00	*****	20,000.00
315	PREPARATION OF UNTREATED ROADWAY	2260 SY	3.00	6,780.00	2.65	5,989.00	1.20	2,712.00	4.50	10,170.00
316	SHORING OR EXTRA EXCAVATION - COCHRAN STORM PIPES	1 LS	*****	65,000.00	*****	22,900.00	*****	48,000.00	*****	35,000.00
317	CRUSHED SURFACING TOP COURSE	255 CY	47.00	11,985.00	44.31	11,299.05	43.00	10,965.00	50.00	12,750.00
318	CSTC FOR SIDEWALK AND DRIVEWAYS	8 CY	75.00	600.00	50.00	400.00	127.00	1,016.00	200.00	1,600.00
319	HMA CL. 1/2 IN. PG 64-28, 3 INCH THICK	2260 SY	15.00	33,900.00	16.37	36,996.20	17.00	38,420.00	15.00	33,900.00

<b>Project Number: 2013214</b>			<b>Engineer's Estimate</b>		Clearwater Construction & Management		Halme Construction Inc		Garco Construction Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 03 Cochran Storm at Grace</i>					Sales tax shall be included in unit prices					
320	STORM SEWER PIPE 18 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	375 LF	130.00	48,750.00	101.60	38,100.00	145.00	54,375.00	150.00	56,250.00
321	STORM SEWER PIPE 48 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	140 LF	400.00	56,000.00	437.86	61,300.40	880.00	123,200.00	350.00	49,000.00
322	STORM SEWER PIPE 60 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	80 LF	550.00	44,000.00	553.75	44,300.00	995.00	79,600.00	400.00	32,000.00
323	MANHOLE TYPE II-60, BASIC PRICE	3 EA	3,500.00	10,500.00	5,600.00	16,800.00	6,187.00	18,561.00	9,000.00	27,000.00
324	MANHOLE TYPE II-72, BASIC PRICE	2 EA	8,000.00	16,000.00	8,400.00	16,800.00	12,300.00	24,600.00	9,500.00	19,000.00
325	MANHOLE ADDITIONAL HEIGHT 60 IN. DIAM. TYPE 2	35 VF	200.00	7,000.00	202.86	7,100.10	178.00	6,230.00	160.00	5,600.00
326	CATCH BASIN TYPE 1	1 EA	2,200.00	2,200.00	3,000.00	3,000.00	2,500.00	2,500.00	3,600.00	3,600.00
327	CATCH BASIN TYPE 2	1 EA	2,300.00	2,300.00	3,300.00	3,300.00	2,764.00	2,764.00	4,000.00	4,000.00
328	CATCH BASIN TYPE 3	3 EA	2,200.00	6,600.00	3,500.00	10,500.00	3,000.00	9,000.00	4,500.00	13,500.00
329	MANHOLE OR DRYWELL FRAME AND COVER (STANDARD)	2 EA	650.00	1,300.00	500.00	1,000.00	540.00	1,080.00	600.00	1,200.00
330	MANHOLE OR DRYWELL FRAME AND COVER (LOCKABLE)	3 EA	650.00	1,950.00	533.33	1,599.99	567.00	1,701.00	700.00	2,100.00
331	CONNECT 8 IN. DIAMETER PIPE TO EXISTING CATCH BASIN, DRYWELL, OR MANHOLE	1 EA	450.00	450.00	700.00	700.00	366.00	366.00	1,800.00	1,800.00
332	INFILTRATION TRENCH - COCHRAN	221 LF	60.00	13,260.00	94.12	20,800.52	122.00	26,962.00	110.00	24,310.00
333	MANHOLE TEST	2 EA	550.00	1,100.00	450.00	900.00	912.00	1,824.00	700.00	1,400.00
334	CLEANING EXISTING DRAINAGE STRUCTURE	5 EA	600.00	3,000.00	300.00	1,500.00	106.00	530.00	750.00	3,750.00
335	CATCH BASIN DUCTILE IRON SEWER PIPE 8 IN. DIAM.	70 LF	90.00	6,300.00	40.00	2,800.00	70.00	4,900.00	70.00	4,900.00
336	OUTLET TRAP	3 EA	300.00	900.00	300.00	900.00	460.00	1,380.00	250.00	750.00

<b>Project Number: 2013214</b>			<b>Engineer's Estimate</b>		Clearwater Construction & Management		Halme Construction Inc		Garco Construction Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 03 Cochran Storm at Grace</i>					Sales tax shall be included in unit prices					
337	DI PIPE FOR WATER MAIN 6 IN. DIAM.	175 LF	60.00	10,500.00	60.57	10,599.75	58.50	10,237.50	70.00	12,250.00
338	GATE VALVE 6 IN.	1 EA	1,000.00	1,000.00	1,300.00	1,300.00	3,200.00	3,200.00	1,200.00	1,200.00
339	HYDRANT ASSEMBLY	1 EA	5,500.00	5,500.00	6,800.00	6,800.00	5,000.00	5,000.00	8,000.00	8,000.00
340	TRENCH EXCAVATION FOR WATER SERVICE TAP	25 LF	32.00	800.00	28.00	700.00	43.00	1,075.00	125.00	3,125.00
341	OUTLET PROTECTION	1 EA	6,000.00	6,000.00	600.00	600.00	5,802.00	5,802.00	250.00	250.00
342	LANDSCAPING - COCHRAN PONDS	1 LS	*****	65,000.00	*****	1.00	*****	53,000.00	*****	25,000.00
343	PLANT SELECTION SHRUBS, 2 GAL	19 EA	35.00	665.00	52.63	999.97	47.00	893.00	42.00	798.00
344	PLANT SELECTION SHRUBS, 3 GAL	92 EA	45.00	4,140.00	63.04	5,799.68	57.00	5,244.00	52.00	4,784.00
345	PLANT SELECTION SHRUBS, 5 GAL	65 EA	75.00	4,875.00	73.85	4,800.25	66.00	4,290.00	61.00	3,965.00
346	PLANT SELECTION 1 INCH CAL. DECIDUOUS TREE	12 EA	350.00	4,200.00	116.67	1,400.04	103.00	1,236.00	96.00	1,152.00
347	PLANT SELECTION 1.5 INCH CAL. DECIDUOUS TREE	7 EA	450.00	3,150.00	285.71	1,999.97	252.00	1,764.00	235.00	1,645.00
348	PLANT SELECTION 2 INCH CAL. DECIDUOUS TREE	2 EA	500.00	1,000.00	550.00	1,100.00	577.00	1,154.00	460.00	920.00
349	PLANT SELECTION 8' TO 10' HIGH DECIDUOUS TREE	10 EA	250.00	2,500.00	280.00	2,800.00	290.00	2,900.00	235.00	2,350.00
350	PLANT SELECTION 4' TO 6' HIGH EVERGREEN TREE	10 EA	450.00	4,500.00	190.00	1,900.00	193.00	1,930.00	152.00	1,520.00
351	PLANT SELECTION 8' TO 10' HIGH EVERGREEN TREE	5 EA	500.00	2,500.00	500.00	2,500.00	500.00	2,500.00	400.00	2,000.00
352	HYDROSEEDING - DRYLAND GRASS	300 SY	1.50	450.00	0.73	219.00	1.50	450.00	0.70	210.00
353	HYDROSEEDING - LOW MAINTENANCE GRASS	311 SY	1.50	466.50	0.75	233.25	1.50	466.50	0.70	217.70
354	HYDROSEEDING - NO MAINTENANCE MEADOW GRASS	2935 SY	2.00	5,870.00	0.61	1,790.35	1.50	4,402.50	0.60	1,761.00

<b>Project Number: 2013214</b>			<b>Engineer's Estimate</b>		Clearwater Construction & Management		Halme Construction Inc		Garco Construction Inc	
<b>Item No</b>	<b>Bid Item Description</b>	<b>Estimated Quantity</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>	<b>Unit Price</b>	<b>Amount</b>

<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 03 Cochran Storm at Grace</i>					Sales tax shall be included in unit prices					
355	TOPSOIL TYPE A, 4 INCH THICK	3547 SY	8.00	28,376.00	5.84	20,714.48	6.00	21,282.00	5.00	17,735.00
356	TREATMENT SOIL FOR INFILTRATION SWALE 18 INCH THICK INCL. SE	9210 SY	23.00	211,830.00	27.43	252,630.30	3.00	27,630.00	23.00	211,830.00
357	CONSTRUCT INFILTRATION SWALE	9210 SY	5.00	46,050.00	2.33	21,459.30	0.50	4,605.00	1.25	11,512.50
358	CONSTRUCT STREAMBED	3725 SY	30.00	111,750.00	2.42	9,014.50	6.00	22,350.00	1.50	5,587.50
359	CONSTRUCT STREAMBED TRANSITION AREA	735 SY	30.00	22,050.00	62.99	46,297.65	8.00	5,880.00	1.50	1,102.50
360	STREAMBED COBBLES	110 CY	50.00	5,500.00	35.45	3,899.50	75.00	8,250.00	26.25	2,887.50
361	STREAMBED COBBLES - IMPORT	50 CY	60.00	3,000.00	36.00	1,800.00	30.00	1,500.00	48.26	2,413.00
362	BOULDERS	40 EA	100.00	4,000.00	87.50	3,500.00	200.00	8,000.00	75.00	3,000.00
363	BOULDERS - IMPORT	100 EA	130.00	13,000.00	152.00	15,200.00	157.00	15,700.00	120.00	12,000.00
364	IRRIGATION SYSTEM - COCHRAN	1 LS	*****	45,000.00	*****	31,400.00	*****	32,000.00	*****	25,000.00
365	CEMENT CONCRETE CURB	350 LF	20.00	7,000.00	18.86	6,601.00	22.00	7,700.00	23.00	8,050.00
366	5.5' WIDE INTEGRAL CURB & WALK	225 LF	100.00	22,500.00	41.33	9,299.25	46.00	10,350.00	38.00	8,550.00
367	RAMP DETECTABLE WARNING	80 SF	23.00	1,840.00	23.75	1,900.00	24.00	1,920.00	20.00	1,600.00
<b>Schedule Totals</b>				1,142,181.50		905,269.40		817,078.00		828,895.70

**Project Number**      **2013214**      **IO3 Control Facility**

**SCHEDULE SUMMARY**

	<b>Sched 1</b>	<b>Sched 2</b>	<b>Sched 3</b>	<b>Sched 4</b>	<b>Sched 5</b>	<b>Sched 6</b>	<b>Sched 7</b>	<b>Sched 8</b>	<b>Total</b>
<b>Engineer's Est</b>	8,609,473.00	0.00	1,142,181.50	0.00	0.00	0.00	0.00	0.00	9,751,654.50
Clearwater Constructio	7,089,561.64	0.00	905,269.40	0.00	0.00	0.00	0.00	0.00	7,994,831.04
Halme Construction Inc	8,854,395.00	0.00	817,078.00	0.00	0.00	0.00	0.00	0.00	9,671,473.00
Garco Construction Inc	9,120,104.30	0.00	828,895.70	0.00	0.00	0.00	0.00	0.00	9,949,000.00

**Low Bid Contractor:** Clearwater Construction & Management

	<b>Contractor's Bid</b>	<b>Engineer's Estimate</b>	<b>% Variance</b>
<b>Schedule 01</b>	\$7,706,353.49	\$9,358,497.14	17.65 % Under Estimate
<b>Schedule 03</b>	\$905,269.40	\$1,142,181.50	20.74 % Under Estimate
<b>Bid Totals</b>	<u>\$8,611,622.89</u>	<u>\$10,500,678.64</u>	17.99 % Under Estimate