

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

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

**Project Number:** 2011145

**Project Description** CSO 34-3

**Original Date** 7/22/2013 10:14:28 AM

**Funding Source** Federal

**Update Date** 8/30/2013 9:18:14 AM

**Preparer** Dan Buller

**Addendum**

<b>Project Number: 2011145</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**

Not Public Street Improvement

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	*****	750.00	*****	500.00	*****	500.00	*****	1,030.00
103	POTHOLING	2 EA	400.00	800.00	230.00	460.00	1,300.00	2,600.00	360.50	721.00
104	MOBILIZATION	1 LS	*****	270,000.00	*****	358,500.00	*****	364,000.00	*****	657,758.50
105	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	25,000.00	*****	12,500.00	*****	21,500.00	*****	5,050.00
106	SPECIAL SIGNS	240 SF	20.00	4,800.00	12.00	2,880.00	11.00	2,640.00	10.10	2,424.00
107	SEQUENTIAL ARROW SIGN	1350 HR	1.50	2,025.00	1.00	1,350.00	1.38	1,863.00	1.26	1,701.00
108	PORTABLE CHANGEABLE MESSAGE SIGN	920 HR	5.00	4,600.00	4.00	3,680.00	4.14	3,808.80	15.15	13,938.00
109	TYPE III BARRICADE	60 EA	25.00	1,500.00	40.00	2,400.00	39.00	2,340.00	35.35	2,121.00
110	CLEARING AND GRUBBING	2.5 AC	8,000.00	20,000.00	4,600.00	11,500.00	4,700.00	11,750.00	15,150.00	37,875.00
111	REMOVE AND RESET LIGHT POLE	1 EA	300.00	300.00	7,500.00	7,500.00	7,200.00	7,200.00	6,565.00	6,565.00
112	REMOVE EXISTING CURB	1482 LF	3.50	5,187.00	2.00	2,964.00	2.90	4,297.80	1.25	1,852.50
113	REMOVE FLEXIBLE PAVEMENT FOR TRENCHES	1060 SY	6.00	6,360.00	3.00	3,180.00	3.90	4,134.00	2.50	2,650.00
114	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	539 SY	6.00	3,234.00	5.00	2,695.00	3.90	2,102.10	6.00	3,234.00

<b>Project Number: 2011145</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>

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115	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	4 EA	290.00	1,160.00	225.00	900.00	230.00	920.00	220.00	880.00
116	SAWCUTTING FLEXIBLE PAVEMENT	1840 LFI	1.00	1,840.00	1.00	1,840.00	0.24	441.60	0.50	920.00
117	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	2 EA	400.00	800.00	230.00	460.00	220.00	440.00	234.00	468.00
118	REMOVE EXISTING ROAD	3353 SY	11.00	36,883.00	3.00	10,059.00	2.35	7,879.55	1.50	5,029.50
119	PREPARATION OF UNTREATED ROADWAY	1207 SY	4.00	4,828.00	3.00	3,621.00	2.00	2,414.00	7.25	8,750.75
120	STRUCTURAL EXCAVATION CLASS A INCLUDING HAUL	1 LS	*****	225,000.00	*****	154,000.00	*****	426,000.00	*****	225,000.00
121	GRAVEL BACKFILL INCLUDING HAUL	1 LS	*****	192,500.00	*****	233,600.00	*****	72,500.00	*****	192,000.00
122	PEA GRAVEL	22 CY	126.00	2,772.00	36.00	792.00	44.90	987.80	36.00	792.00
123	CSTC FOR SIDEWALK AND DRIVEWAYS	47 CY	49.00	2,303.00	38.00	1,786.00	49.00	2,303.00	61.00	2,867.00
124	CRUSHED SURFACING BASE COURSE	1023 CY	40.00	40,920.00	46.00	47,058.00	39.00	39,897.00	45.00	46,035.00
125	HMA CL. 1/2 IN. PG 70-28, 5 INCH THICK	1207 SY	35.00	42,245.00	39.00	47,073.00	37.70	45,503.90	35.00	42,245.00
126	CAST IN PLACE CONCRETE	1 LS	*****	2,538,000.00	*****	2,090,000.00	*****	2,428,000.00	*****	1,990,000.00
127	COMMERCIAL CONCRETE	1 LS	*****	47,000.00	*****	51,800.00	*****	97,700.00	*****	55,000.00
128	WATERPROOFING	291 SY	38.50	11,203.50	51.00	14,841.00	49.00	14,259.00	45.00	13,095.00
129	CORROSION RESISTANT EPOXY	3059 SY	38.50	117,771.50	2.00	6,118.00	60.40	184,763.60	120.00	367,080.00
130	VAPOR RETARDER BARRIERS	186 SY	3.00	558.00	11.00	2,046.00	19.40	3,608.40	10.00	1,860.00
131	BOLLARDS	10 EA	275.00	2,750.00	1,070.00	10,700.00	970.00	9,700.00	1,320.00	13,200.00
132	STORM SEWER PIPE 4 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	40 LF	20.00	800.00	35.00	1,400.00	54.00	2,160.00	25.00	1,000.00

<b>Project Number: 2011145</b>			<b>Engineer's Estimate</b>		Clearwater Construction & Management		Halme Construction Inc		Garco Construction Inc	
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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i>					Not Public Street Improvement					
133	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	136 LF	40.00	5,440.00	40.00	5,440.00	46.75	6,358.00	46.00	6,256.00
134	STORM SEWER PIPE 24 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	669 LF	65.00	43,485.00	60.00	40,140.00	63.35	42,381.15	67.00	44,823.00
135	MANHOLE TYPE II-54, BASIC PRICE	2 EA	4,500.00	9,000.00	5,750.00	11,500.00	5,875.00	11,750.00	2,505.00	5,010.00
136	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM. TYPE II	4 VF	120.00	480.00	88.00	352.00	144.00	576.00	22.25	89.00
137	MANHOLE TYPE III-72, BASIC PRICE	1 EA	8,000.00	8,000.00	5,500.00	5,500.00	7,600.00	7,600.00	3,855.00	3,855.00
138	MANHOLE ADDITIONAL HEIGHT 72 IN. DIAM. TYPE III	2 EA	300.00	600.00	350.00	700.00	144.00	288.00	45.00	90.00
139	MANHOLE TYPE II-96, BASIC PRICE	1 EA	12,000.00	12,000.00	11,400.00	11,400.00	13,980.00	13,980.00	7,285.00	7,285.00
140	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM. TYPE II	10 VF	120.00	1,200.00	70.00	700.00	144.00	1,440.00	45.00	450.00
141	MANHOLE TYPE III-96, BASIC PRICE	4 EA	11,000.00	44,000.00	10,350.00	41,400.00	12,300.00	49,200.00	6,672.00	26,688.00
142	MANHOLE ADDITIONAL HEIGHT 96 IN. DIAM. TYPE III	12 VF	500.00	6,000.00	92.00	1,104.00	144.00	1,728.00	45.00	540.00
143	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN ASPHALT	3 EA	500.00	1,500.00	733.00	2,199.00	415.00	1,245.00	3,350.00	10,050.00
144	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	2 EA	300.00	600.00	250.00	500.00	215.00	430.00	330.00	660.00
146	CATCH BASIN TYPE 1 (WSDOT STYLE)	1 EA	2,000.00	2,000.00	2,100.00	2,100.00	1,740.00	1,740.00	1,835.00	1,835.00
148	CONNECT 24-36 IN. DIAM. SEWER PIPE TO EXISTING SEWER PIPE	3 EA	2,300.00	6,900.00	1,167.00	3,501.00	1,975.00	5,925.00	1,965.00	5,895.00
149	RECONSTRUCT MANHOLE INVERT	4 EA	1,400.00	5,600.00	925.00	3,700.00	655.00	2,620.00	2,750.00	11,000.00
150	MANHOLE TEST	6 EA	400.00	2,400.00	467.00	2,802.00	410.00	2,460.00	480.00	2,880.00
151	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION	600 CY	80.00	48,000.00	23.00	13,800.00	54.00	32,400.00	41.00	24,600.00

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152	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	2,900.00	*****	11,000.00	*****	815.00
153	PLUGGING EXISTING PIPE	8 EA	250.00	2,000.00	688.00	5,504.00	750.00	6,000.00	135.00	1,080.00
154	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	3,200.00	*****	3,270.00	*****	815.00
155	CLEANING EXISTING SANITARY/STORM SEWERS	1 LS	*****	5,000.00	*****	4,000.00	*****	3,600.00	*****	2,710.00
156	TRENCH EXCAVATION FOR WATER SERVICE TAP	1 LS	*****	500.00	*****	3,500.00	*****	2,035.00	*****	2,435.00
157	CSO FACILITY WATER SUPPLY AND BACKFLOW PREVENTER ASSEMBLY	1 LS	*****	26,000.00	*****	13,800.00	*****	21,750.00	*****	11,850.00
158	RAY STREET WATER MAIN REROUTE	1 LS	*****	11,000.00	*****	13,800.00	*****	11,830.00	*****	11,215.00
159	SANITARY SEWER PIPE 24 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	56 LF	100.00	5,600.00	296.00	16,576.00	300.00	16,800.00	250.00	14,000.00
160	SANITARY SEWER PIPE 30 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	203 LF	148.00	30,044.00	113.00	22,939.00	180.00	36,540.00	125.00	25,375.00
161	SANITARY SEWER PIPE 36 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	54 LF	155.00	8,370.00	306.00	16,524.00	313.00	16,902.00	385.00	20,790.00
162	SANITARY SEWER PIPE 54 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	70 LF	210.00	14,700.00	219.00	15,330.00	514.00	35,980.00	405.00	28,350.00
163	MAINTENANCE OF SEWER SERVICE	1 LS	*****	30,000.00	*****	10,900.00	*****	28,000.00	*****	3,300.00
164	FLOW CONTROL DEVICES & CONTROLS	1 LS	*****	356,000.00	*****	160,000.00	*****	157,000.00	*****	157,000.00
165	DETENTION TANK APPURTENANCES	1 LS	*****	248,000.00	*****	195,800.00	*****	206,400.00	*****	253,000.00
166	ESC LEAD	1 LS	*****	1,000.00	*****	600.00	*****	4,300.00	*****	5,050.00
167	STABILIZED CONSTRUCTION ENTRANCE	83 SY	15.00	1,245.00	29.00	2,407.00	79.00	6,557.00	30.00	2,490.00
168	INLET PROTECTION	13 EA	100.00	1,300.00	46.00	598.00	55.00	715.00	71.00	923.00

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169	SILT FENCE	962 LF	3.00	2,886.00	3.00	2,886.00	3.20	3,078.40	4.00	3,848.00
170	TOPSOIL TYPE A, 4 INCH THICK	11500 SY	8.00	92,000.00	6.00	69,000.00	4.90	56,350.00	3.00	34,500.00
171	HYDROSEEDING	6000 SY	2.00	12,000.00	5.00	30,000.00	1.75	10,500.00	0.75	4,500.00
172	CONSTRUCT BIO-INFILTRATION SWALE	502 SY	10.00	5,020.00	6.00	3,012.00	6.52	3,273.04	12.75	6,400.50
173	POROUS PAVEMENT INSTALLATION	1700 SY	81.00	137,700.00	28.00	47,600.00	52.25	88,825.00	40.00	68,000.00
174	LANDSCAPE PLAN	1 LS	*****	35,000.00	*****	68,600.00	*****	36,560.00	*****	49,000.00
175	IRRIGATION SYSTEM	1 LS	*****	15,000.00	*****	23,900.00	*****	25,000.00	*****	38,405.00
176	CEMENT CONC. CURB AND GUTTER	96 LF	22.50	2,160.00	31.00	2,976.00	32.00	3,072.00	25.00	2,400.00
177	CEMENT CONCRETE CURB	1480 LF	16.00	23,680.00	14.00	20,720.00	15.30	22,644.00	12.25	18,130.00
178	CEMENT CONCRETE RIBBON CURB	60 LF	12.00	720.00	20.00	1,200.00	22.00	1,320.00	26.00	1,560.00
179	CEMENT CONCRETE DRIVEWAY	42 SY	38.00	1,596.00	40.00	1,680.00	41.25	1,732.50	66.00	2,772.00
180	CEMENT CONCRETE DRIVEWAY TRANSITION	7 SY	25.00	175.00	43.00	301.00	41.25	288.75	66.00	462.00
181	TEMPORARY SECURITY FENCE	1650 LF	18.00	29,700.00	3.00	4,950.00	6.40	10,560.00	4.00	6,600.00
182	CEMENT CONC. SIDEWALK	527 SY	34.00	17,918.00	30.00	15,810.00	32.00	16,864.00	25.00	13,175.00
183	LIGHT LOOSE RIPRAP WITH CONCRETE	16 SY	60.00	960.00	231.00	3,696.00	110.00	1,760.00	76.00	1,216.00
184	ELECTRICAL EQUIPMENT	1 LS	*****	140,000.00	*****	146,300.00	*****	142,500.00	*****	123,400.00
185	ELECTRICAL & MECHANICAL EQUIPMENT FREIGHT & STARTUP SERVICES	1 LS	*****	40,000.00	*****	2,100.00	*****	1,990.00	*****	1,825.00
186	PAVEMENT MARKING - DURABLE HEAT APPLIED	117 SF	10.00	1,170.00	12.00	1,404.00	11.20	1,310.40	10.25	1,199.25
187	VEHICLE GATE ASSEMBLY	1 LS	*****	2,050.00	*****	6,700.00	*****	2,900.00	*****	2,660.00

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188	VENTILATION AND ODOR CONTROL EQUIPMENT	1 LS	*****	445,000.00	*****	537,000.00	*****	400,000.00	*****	951,000.00
189	FINAL SITE PREPARATION	1 LS	*****	25,000.00	*****	9,800.00	*****	16,800.00	*****	22,500.00
<i>Schedule Totals</i>				5,589,090.00		4,723,055.00		5,366,342.79		5,749,900.00

<b>Project Number: 2011145</b>			<b>Engineer's Estimate</b>		Apollo Inc		Graham Construction & Management Inc			
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101	REIMBURSEMENT FOR THIRD PARTY DAMAGE	1 EST	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
102	SPCC PLAN	1 LS	*****	750.00	*****	800.00	*****	500.00	*****	0.00
103	POTHOLING	2 EA	400.00	800.00	1,000.00	2,000.00	200.00	400.00	0.00	0.00
104	MOBILIZATION	1 LS	*****	270,000.00	*****	500,000.00	*****	500,000.00	*****	0.00
105	PROJECT TEMPORARY TRAFFIC CONTROL	1 LS	*****	25,000.00	*****	110,000.00	*****	70,000.00	*****	0.00
106	SPECIAL SIGNS	240 SF	20.00	4,800.00	11.50	2,760.00	20.00	4,800.00	0.00	0.00
107	SEQUENTIAL ARROW SIGN	1350 HR	1.50	2,025.00	4.25	5,737.50	3.00	4,050.00	0.00	0.00
108	PORTABLE CHANGEABLE MESSAGE SIGN	920 HR	5.00	4,600.00	6.40	5,888.00	5.00	4,600.00	0.00	0.00
109	TYPE III BARRICADE	60 EA	25.00	1,500.00	53.00	3,180.00	100.00	6,000.00	0.00	0.00
110	CLEARING AND GRUBBING	2.5 AC	8,000.00	20,000.00	20,000.00	50,000.00	4,000.00	10,000.00	0.00	0.00
111	REMOVE AND RESET LIGHT POLE	1 EA	300.00	300.00	7,000.00	7,000.00	6,500.00	6,500.00	0.00	0.00
112	REMOVE EXISTING CURB	1482 LF	3.50	5,187.00	3.40	5,038.80	2.00	2,964.00	0.00	0.00
113	REMOVE FLEXIBLE PAVEMENT FOR TRENCHES	1060 SY	6.00	6,360.00	18.75	19,875.00	3.00	3,180.00	0.00	0.00
114	REMOVE CEMENT CONCRETE SIDEWALK AND DRIVEWAY	539 SY	6.00	3,234.00	7.65	4,123.35	4.00	2,156.00	0.00	0.00
115	REMOVE MANHOLE, CATCH BASIN OR DRYWELL	4 EA	290.00	1,160.00	400.00	1,600.00	200.00	800.00	0.00	0.00
116	SAWCUTTING FLEXIBLE PAVEMENT	1840 LFI	1.00	1,840.00	0.80	1,472.00	0.50	920.00	0.00	0.00
117	ABANDON EXISTING MANHOLE, CATCH BASIN OR DRYWELL	2 EA	400.00	800.00	480.00	960.00	200.00	400.00	0.00	0.00
118	REMOVE EXISTING ROAD	3353 SY	11.00	36,883.00	3.25	10,897.25	3.00	10,059.00	0.00	0.00
119	PREPARATION OF UNTREATED ROADWAY	1207 SY	4.00	4,828.00	1.25	1,508.75	2.50	3,017.50	0.00	0.00

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120	STRUCTURAL EXCAVATION CLASS A INCLUDING HAUL	1 LS	*****	225,000.00	*****	330,000.00	*****	150,000.00	*****	0.00
121	GRAVEL BACKFILL INCLUDING HAUL	1 LS	*****	192,500.00	*****	300,000.00	*****	250,000.00	*****	0.00
122	PEA GRAVEL	22 CY	126.00	2,772.00	50.00	1,100.00	30.00	660.00	0.00	0.00
123	CSTC FOR SIDEWALK AND DRIVEWAYS	47 CY	49.00	2,303.00	37.00	1,739.00	34.00	1,598.00	0.00	0.00
124	CRUSHED SURFACING BASE COURSE	1023 CY	40.00	40,920.00	41.00	41,943.00	40.00	40,920.00	0.00	0.00
125	HMA CL. 1/2 IN. PG 70-28, 5 INCH THICK	1207 SY	35.00	42,245.00	38.00	45,866.00	41.00	49,487.00	0.00	0.00
126	CAST IN PLACE CONCRETE	1 LS	*****	2,538,000.00	*****	2,380,000.00	*****	2,627,000.00	*****	0.00
127	COMMERCIAL CONCRETE	1 LS	*****	47,000.00	*****	80,000.00	*****	76,000.00	*****	0.00
128	WATERPROOFING	291 SY	38.50	11,203.50	47.00	13,677.00	44.00	12,804.00	0.00	0.00
129	CORROSION RESISTANT EPOXY	3059 SY	38.50	117,771.50	59.00	180,481.00	55.00	168,245.00	0.00	0.00
130	VAPOR RETARDER BARRIERS	186 SY	3.00	558.00	0.50	93.00	4.00	744.00	0.00	0.00
131	BOLLARDS	10 EA	275.00	2,750.00	700.00	7,000.00	1,400.00	14,000.00	0.00	0.00
132	STORM SEWER PIPE 4 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	40 LF	20.00	800.00	12.00	480.00	30.00	1,200.00	0.00	0.00
133	STORM SEWER PIPE 12 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	136 LF	40.00	5,440.00	50.20	6,827.20	35.00	4,760.00	0.00	0.00
134	STORM SEWER PIPE 24 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	669 LF	65.00	43,485.00	51.00	34,119.00	52.00	34,788.00	0.00	0.00
135	MANHOLE TYPE II-54, BASIC PRICE	2 EA	4,500.00	9,000.00	5,000.00	10,000.00	5,000.00	10,000.00	0.00	0.00
136	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM. TYPE II	4 VF	120.00	480.00	100.00	400.00	75.00	300.00	0.00	0.00
137	MANHOLE TYPE III-72, BASIC PRICE	1 EA	8,000.00	8,000.00	6,300.00	6,300.00	4,800.00	4,800.00	0.00	0.00



<b>Project Number: 2011145</b>			<b>Engineer's Estimate</b>		Apollo Inc		Graham Construction & Management 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>

<b>Schedule Description</b>					<b>Tax Classification</b>					
<b>Schedule 01</b>					Not Public Street Improvement					
138	MANHOLE ADDITIONAL HEIGHT 72 IN. DIAM. TYPE III	2 EA	300.00	600.00	100.00	200.00	300.00	600.00	0.00	0.00
139	MANHOLE TYPE II-96, BASIC PRICE	1 EA	12,000.00	12,000.00	16,000.00	16,000.00	9,900.00	9,900.00	0.00	0.00
140	MANHOLE ADDITIONAL HEIGHT 48 IN. DIAM. TYPE II	10 VF	120.00	1,200.00	100.00	1,000.00	60.00	600.00	0.00	0.00
141	MANHOLE TYPE III-96, BASIC PRICE	4 EA	11,000.00	44,000.00	14,000.00	56,000.00	9,000.00	36,000.00	0.00	0.00
142	MANHOLE ADDITIONAL HEIGHT 96 IN. DIAM. TYPE III	12 VF	500.00	6,000.00	100.00	1,200.00	80.00	960.00	0.00	0.00
143	ADJUST EXISTING MANHOLE, CATCH BASIN, DRYWELL, OR INLET IN ASPHALT	3 EA	500.00	1,500.00	300.00	900.00	650.00	1,950.00	0.00	0.00
144	ADJUST EXISTING VALVE BOX, MONUMENT OR CLEANOUT IN ASPHALT	2 EA	300.00	600.00	120.00	240.00	200.00	400.00	0.00	0.00
146	CATCH BASIN TYPE 1 (WSDOT STYLE)	1 EA	2,000.00	2,000.00	1,700.00	1,700.00	1,800.00	1,800.00	0.00	0.00
148	CONNECT 24-36 IN. DIAM. SEWER PIPE TO EXISTING SEWER PIPE	3 EA	2,300.00	6,900.00	1,170.00	3,510.00	1,000.00	3,000.00	0.00	0.00
149	RECONSTRUCT MANHOLE INVERT	4 EA	1,400.00	5,600.00	1,000.00	4,000.00	800.00	3,200.00	0.00	0.00
150	MANHOLE TEST	6 EA	400.00	2,400.00	280.00	1,680.00	400.00	2,400.00	0.00	0.00
151	EXTRA WORK ALLOWANCE FOR ROCK EXCAVATION	600 CY	80.00	48,000.00	40.00	24,000.00	20.00	12,000.00	0.00	0.00
152	TRENCH SAFETY SYSTEM	1 LS	*****	2,500.00	*****	5,000.00	*****	2,500.00	*****	0.00
153	PLUGGING EXISTING PIPE	8 EA	250.00	2,000.00	1,800.00	14,400.00	600.00	4,800.00	0.00	0.00
154	TEMPORARY ADJACENT UTILITY SUPPORT	1 LS	*****	5,000.00	*****	35,000.00	*****	2,700.00	*****	0.00
155	CLEANING EXISTING SANITARY/STORM SEWERS	1 LS	*****	5,000.00	*****	5,500.00	*****	3,500.00	*****	0.00
156	TRENCH EXCAVATION FOR WATER SERVICE TAP	1 LS	*****	500.00	*****	1,400.00	*****	3,000.00	*****	0.00

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<i>Schedule Description</i>					<i>Tax Classification</i>					
<i>Schedule 01</i>					Not Public Street Improvement					
157	CSO FACILITY WATER SUPPLY AND BACKFLOW PREVENTER ASSEMBLY	1 LS	*****	26,000.00	*****	13,000.00	*****	14,000.00	*****	0.00
158	RAY STREET WATER MAIN REROUTE	1 LS	*****	11,000.00	*****	17,000.00	*****	12,000.00	*****	0.00
159	SANITARY SEWER PIPE 24 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	56 LF	100.00	5,600.00	320.00	17,920.00	257.00	14,392.00	0.00	0.00
160	SANITARY SEWER PIPE 30 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	203 LF	148.00	30,044.00	165.00	33,495.00	98.00	19,894.00	0.00	0.00
161	SANITARY SEWER PIPE 36 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	54 LF	155.00	8,370.00	300.00	16,200.00	266.00	14,364.00	0.00	0.00
162	SANITARY SEWER PIPE 54 IN. DIAM. INCL. STRUCTURAL EXCAVATION CLASS B	70 LF	210.00	14,700.00	275.00	19,250.00	190.00	13,300.00	0.00	0.00
163	MAINTENANCE OF SEWER SERVICE	1 LS	*****	30,000.00	*****	10,000.00	*****	9,500.00	*****	0.00
164	FLOW CONTROL DEVICES & CONTROLS	1 LS	*****	356,000.00	*****	145,000.00	*****	133,000.00	*****	0.00
165	DETENTION TANK APPURTENANCES	1 LS	*****	248,000.00	*****	240,000.00	*****	175,000.00	*****	0.00
166	ESC LEAD	1 LS	*****	1,000.00	*****	1.00	*****	1,000.00	*****	0.00
167	STABILIZED CONSTRUCTION ENTRANCE	83 SY	15.00	1,245.00	20.00	1,660.00	25.00	2,075.00	0.00	0.00
168	INLET PROTECTION	13 EA	100.00	1,300.00	90.00	1,170.00	40.00	520.00	0.00	0.00
169	SILT FENCE	962 LF	3.00	2,886.00	4.00	3,848.00	3.00	2,886.00	0.00	0.00
170	TOPSOIL TYPE A, 4 INCH THICK	11500 SY	8.00	92,000.00	3.25	37,375.00	3.00	34,500.00	0.00	0.00
171	HYDROSEEDING	6000 SY	2.00	12,000.00	0.65	3,900.00	0.60	3,600.00	0.00	0.00
172	CONSTRUCT BIO-INFILTRATION SWALE	502 SY	10.00	5,020.00	32.00	16,064.00	5.00	2,510.00	0.00	0.00
173	POROUS PAVEMENT INSTALLATION	1700 SY	81.00	137,700.00	40.00	68,000.00	38.00	64,600.00	0.00	0.00

<b>Project Number: 2011145</b>			<b>Engineer's Estimate</b>		Apollo Inc		Graham Construction & Management 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**

Not Public Street Improvement

174	LANDSCAPE PLAN	1 LS	*****	35,000.00	*****	50,000.00	*****	49,000.00	*****	0.00
175	IRRIGATION SYSTEM	1 LS	*****	15,000.00	*****	40,000.00	*****	39,000.00	*****	0.00
176	CEMENT CONC. CURB AND GUTTER	96 LF	22.50	2,160.00	30.00	2,880.00	27.00	2,592.00	0.00	0.00
177	CEMENT CONCRETE CURB	1480 LF	16.00	23,680.00	14.00	20,720.00	12.00	17,760.00	0.00	0.00
178	CEMENT CONCRETE RIBBON CURB	60 LF	12.00	720.00	22.00	1,320.00	18.00	1,080.00	0.00	0.00
179	CEMENT CONCRETE DRIVEWAY	42 SY	38.00	1,596.00	42.50	1,785.00	35.00	1,470.00	0.00	0.00
180	CEMENT CONCRETE DRIVEWAY TRANSITION	7 SY	25.00	175.00	42.50	297.50	35.00	245.00	0.00	0.00
181	TEMPORARY SECURITY FENCE	1650 LF	18.00	29,700.00	12.00	19,800.00	3.00	4,950.00	0.00	0.00
182	CEMENT CONC. SIDEWALK	527 SY	34.00	17,918.00	31.00	16,337.00	27.00	14,229.00	0.00	0.00
183	LIGHT LOOSE RIPRAP WITH CONCRETE	16 SY	60.00	960.00	86.00	1,376.00	75.00	1,200.00	0.00	0.00
184	ELECTRICAL EQUIPMENT	1 LS	*****	140,000.00	*****	140,000.00	*****	130,000.00	*****	0.00
185	ELECTRICAL & MECHANICAL EQUIPMENT FREIGHT & STARTUP SERVICES	1 LS	*****	40,000.00	*****	2,900.00	*****	7,000.00	*****	0.00
186	PAVEMENT MARKING - DURABLE HEAT APPLIED	117 SF	10.00	1,170.00	15.00	1,755.00	11.00	1,287.00	0.00	0.00
187	VEHICLE GATE ASSEMBLY	1 LS	*****	2,050.00	*****	2,700.00	*****	3,500.00	*****	0.00
188	VENTILATION AND ODOR CONTROL EQUIPMENT	1 LS	*****	445,000.00	*****	500,000.00	*****	865,000.00	*****	0.00
189	FINAL SITE PREPARATION	1 LS	*****	25,000.00	*****	20,000.00	*****	20,000.00	*****	0.00
<b>Schedule Totals</b>				5,589,090.00		5,810,350.35		5,842,417.50		0.00

**Project Number**      **2011145**      **CSO 34-3**

**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>	5,589,090.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,589,090.00
Clearwater Constructio	4,723,055.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,723,055.00
Halme Construction Inc	5,366,342.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,366,342.79
Garco Construction Inc	5,749,900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,749,900.00
Apollo Inc	5,810,350.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,810,350.35
Graham Construction &	5,842,417.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,842,417.50

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

	<b>Contractor's Bid</b>	<b>Engineer's Estimate</b>	<b>% Variance</b>	
<b>Schedule 01</b>	\$5,133,960.78	\$6,075,340.82	15.50	% Under Estimate
<b>Bid Totals</b>	\$5,133,960.78	\$6,075,340.82	15.50	% Under Estimate