

16-00096

Cedar Hill
Cost Analysis
30-Nov-19

EXPENSES

	<u>Units</u>	<u>per</u>	<u>Price Per</u>	<u>Budget</u>	<u>Expenditures</u>	<u>% of Cost</u>
Consulting & Engineering						
Project Management	1 each		23,650.00	\$ 23,650.00		
Bond	1 each		4,250.00	\$ 4,250.00		
Engineering	1 each		\$ 24,000.00	\$ 24,000.00		
			Subtotal	\$ 51,900.00		
				\$ 51,900.00	\$ 40,000.00	77.07%

Adenus Technology	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>		
Sand Filter	1 each		\$ 42,600.00	\$ 42,600.00		
Drip Zones	1 each		\$ 18,500.00	\$ 18,500.00		
Dose Tank Pumps & Parts	1 each		\$ 14,000.00	\$ 14,000.00		
Control Panel & Arkal	1 each		\$ 19,000.00	\$ 19,000.00		
Recirculation Tank Pumps & Parts	1 each		\$ 5,000.00	\$ 5,000.00		
			Subtotal	\$ 99,100.00		
				\$ 99,100.00	178,679.39	180.30%

Tanks, Pond, Filter Media & Building	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>		
Filter media	1 each		\$ 15,000.00	\$ 15,000.00		
Dose Tank	1 each		\$ 10,000.00	\$ 10,000.00		
Recirculation Tank	1 each		\$ 11,000.00	\$ 11,000.00		
Control Building	1 each		\$ 10,000.00	\$ 10,000.00		
			Subtotal	\$ 46,000.00		
				\$ 46,000.00	\$ 84,969.77	184.72%

Equipment	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>		
Instrumentation	1 each		\$ 7,500.00	\$ 7,500.00		
Pumps	2 each		\$ 3,000.00	\$ 6,000.00		
Excavator	8 weeks		\$ 1,000.00	\$ 8,000.00		
			Subtotal	\$ 21,500.00		
				\$ 21,500.00	56,749.04	263.95%

Labor	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>		
Labor	800 hour		\$ 75.00	\$ 60,000.00		
			Subtotal	\$ 60,000.00		
				\$ 60,000.00	\$ 55,882.51	93.14%

TOTAL \$ 278,500.00 \$ 416,280.71 149.47%

105.3 - CEDAR HILL - CONSTRUCTION IN PROCESS

As of 11/30/19

Type	Date	Num	Name	Memo	Debit	Credit	Balance
Bill	8/7/2018		1764 Adenus Operations	E&D - Cedar Hill Settlement	40,000.00		40,000.00
Bill	10/72/2018		753930 Hayes Pipe Supply	Materials	703.13		40,703.13
Bill	10/73/2018	2433483-00	Southern Pipe & Supply	Sand Filter	2,845.14		43,548.27
Bill	11/1/2018	1562170 Midway Supply Company		Filter walls	717.71		44,265.98
Bill	11/1/2018	1562208 Midway Supply Company		Filter walls	108.28		44,374.26
Bill	11/7/2018	756372 Hayes Pipe Supply		Materials	354.67		44,728.93
Bill	11/21/2018	13764 Cumberland Tractor & Equipment		Excavator Rental	5,899.51		50,628.44
Bill	11/23/2018	13820 Cumberland Tractor & Equipment		Excavator Rental	6,664.25		57,292.69
Bill	11/29/2018	13823 Cumberland Tractor & Equipment		Excavator Rental	3,659.88		60,952.57
Bill	12/4/2018	16033 Adenus Technologies, LLC		Materials	328.90		61,281.47
Bill	12/14/2018	13877 Cumberland Tractor & Equipment, LLC		Equipment Rental	6,143.64		67,425.11
Bill	12/20/2018	13949 Cumberland Tractor & Equipment, LLC		Equipment Rental	6,118.00		73,543.11
Bill	12/20/2018	16100 Adenus Technologies, LLC		Sand Filter	55,144.23		128,687.34
Bill	12/21/2018	12103 Cumberland Tractor & Equipment, LLC		Equipment Rental	655.50		129,342.84
Bill	12/26/2018	31876727 Vulcan		Sand Filter	5,769.71		135,112.55
Bill	1/7/2019	4060677 Winn Materials, LLC		Filter Media	765.63		135,878.18
Bill	1/8/2019	31883914 Vulcan		Sand Filter	1,254.34		137,132.52
Bill	1/8/2019	4060732 Winn Materials, LLC		Filter Media	1,566.63		138,699.15
Bill	1/9/2019	1824 Adenus Operations		Labor	10,018.87		148,718.02
Bill	1/9/2019	4060775 Winn Materials, LLC		Filter Media	1,553.32		150,271.34
Bill	1/10/2019	763906 Hayes Pipe Supply, INC.		Drip Zone Materials	155.75		150,427.09
Bill	1/10/2019	1066648-01	Steinhouse Supply Co. Inc.	Control Building - Electrical	347.70		150,774.79
Bill	1/11/2019	16189 Adenus Technologies, LLC		Sand Filter	1,457.59		152,232.38
Bill	1/12/2019	4060868 Winn Materials, LLC		Filter Media	11,758.29		163,990.67
Bill	1/14/2019	1066772-01	Steinhouse Supply Co. Inc.	Control Building - Electrical	32.02		164,022.69
Bill	1/14/2019	16201 Adenus Technologies, LLC		Sand Filter	1,803.14		165,825.83
Bill	1/15/2019	4060959 Winn Materials, LLC		Filter Media	2,332.92		168,158.75
Bill	1/16/2019	47311 J.R. Hayes Construction Co., Inc.		Filter Media	14,903.17		183,061.92
Bill	1/17/2019	16223 Adenus Technologies, LLC		Sand Filter	21,130.12		204,192.04
Bill	1/17/2019	14047 Cumberland Tractor & Equipment, LLC		Dozer Rental	6,172.63		210,364.67
Bill	1/18/2019	4061085 Winn Materials, LLC		Filter Media	1,684.46		212,049.13
Bill	1/22/2019	4061140 Winn Materials, LLC		Filter Media	2,402.90		214,452.03
Bill	1/27/2019	1286335-0001	Equipment Finders, Inc.	Skyjack Reachlift Rental	3,360.35		217,812.38
Bill	1/28/2019	16253 Adenus Technologies, LLC		Sand Filter	14,427.24		232,239.62
Bill	1/30/2019	1112 Adam E. Proffitt		Subcontractor - Trucking	2,550.00		234,789.62
Bill	1/31/2019	1836 Adenus Operations		Labor	12,818.38		247,608.00
Bill	2/5/2019	4061458 Winn Materials, LLC		Filter Media	2,948.19		250,556.19
Bill	2/6/2019	47435 J.R. Hayes Construction Co., Inc.		Filter Media	3,968.56		254,524.75
Bill	2/6/2019	47433 J.R. Hayes Construction Co., Inc.		Filter Media	8,233.88		262,758.63
Bill	2/6/2019	16318 Adenus Technologies, LLC		Sand Filter	2,645.77		265,404.40
Bill	2/12/2019	16334 Adenus Technologies, LLC		Sand Filter		1,457.59	263,946.81
Credit	2/13/2019	16333 Adenus Technologies, LLC		Sand Filter		13,365.82	250,580.99
Bill	2/15/2019	14095 Cumberland Tractor & Equipment, LLC		Dozer Rental	2,430.81		253,011.80
Bill	2/15/2019	14094 Cumberland Tractor & Equipment, LLC		Dozer Rental	2,130.39		255,142.19
Bill	2/15/2019	16347 Adenus Technologies, LLC		Sand Filter	3,559.12		258,701.31
Bill	2/24/2019	1286335-0002	Equipment Finders, Inc.	Equipment Rental	3,196.47		261,897.78
Bill	2/25/2019	1066735-01	Steinhouse Supply Co. Inc.	Tanks/Pond Filter	23.17		261,920.95
Bill	2/25/2019	14146 Cumberland Tractor & Equipment, LLC		Dozer Rental	60.00		261,980.95

105.3 - CEDAR HILL - CONSTRUCTION IN PROCESS
As of 11/30/19

Type	Date	Num	Memo	Debit	Credit	Balance
Bill	2/25/2019		Filter Media	1,951.36		263,932.31
Bill	2/25/2019	47590 J.R. Hayes Construction Co., Inc.	Filter Media	1,755.23		265,687.54
Bill	2/26/2019	4061878 Winn Materials, LLC	Filter Media	2,933.77		268,621.31
Bill	2/27/2019	16396 Adenus Technologies, LLC	Valve Box - Sand Filter	67.07		268,688.38
Bill	2/28/2019	1849 Adenus Operations	Labor	4,009.36		272,697.74
Bill	2/28/2019	1851 Adenus Operations	Labor	4,699.30		277,397.04
Credit	2/28/2019	16408 Adenus Technologies, LLC	Chambers - Sand Filter		146.03	277,251.01
Bill	2/28/2019	4061995 Winn Materials, LLC	Filter Media	1,737.22		278,988.23
Bill	3/1/2019	16412 Adenus Technologies, LLC	Office Shield - Sand Filter	613.23		279,601.46
Bill	3/2/2019	4062050 Winn Materials, LLC	Filter media	1,740.30		281,341.76
Bill	3/5/2019	16449 Adenus Technologies, LLC	Sand Filter	15,250.33		296,592.09
Bill	3/5/2019	4062110 Winn Materials, LLC	Filter Media	1,746.47		298,338.56
Bill	3/6/2019	16459 Adenus Technologies, LLC	Cable - Control Building	778.37		299,116.93
Bill	3/6/2019	16460 Adenus Technologies, LLC	Drip Zone Materials	15,894.76		315,011.69
Bill	3/7/2019	16467 Adenus Technologies, LLC	Dose Tank Pump & Parts	538.41		315,550.10
Bill	3/7/2019	16468 Adenus Technologies, LLC	Control Building - Electrical	3,358.44		318,908.54
Bill	3/8/2019	16469 Adenus Technologies, LLC	Dose Tank Pump & Parts	1,181.06		320,089.60
Bill	3/8/2019	8872912 Ferguson Enterprises Inc.	Instrumentation	214.76		320,304.36
Bill	3/11/2019	1070686-01 Steinhilber Supply Co. Inc.	Recirculation Tank	427.69		320,732.05
Bill	3/11/2019	8871536 Ferguson Enterprises Inc.	Recirculation Tank	267.67		320,999.72
Bill	3/14/2019	16490 Adenus Technologies, LLC	Drip Zone Materials	275.75		321,275.47
Bill	3/14/2019	16500 Adenus Technologies, LLC	Drip Zone Materials	1,140.46		322,415.93
Bill	3/14/2019	4062387 Winn Materials, LLC	Filter Media	1,802.06		324,217.99
Bill	3/14/2019	03142019 STMT Coleman Tractor Company	Excavator Rental	645.74		324,863.73
Bill	3/15/2019	4062412 Winn Materials, LLC	Filter Media	1,203.52		326,067.25
Bill	3/18/2019	Cedar Hill - Tank S Clark Crane, LLC	Recirculation Tank	4,240.00		330,307.25
Bill	3/18/2019	16507 Adenus Technologies, LLC	Sand Filter	949.21		331,256.46
Bill	3/18/2019	1286335-003 Equipment Finders, Inc.	Equipment Rental	1,268.40		332,524.86
Bill	3/19/2019	16516 Adenus Technologies, LLC	Drip Zone Materials	259.46		332,784.32
Bill	3/20/2019	80428 Jarrett Concrete Products	Dose Tank Pump & Parts	14,563.83		347,348.15
Bill	3/20/2019	917352329 Border States Electric	Control Building - Electrical	211.29		347,559.44
Bill	3/21/2019	16539 Adenus Technologies, LLC	Drip Zone Materials	280.21		347,839.65
Bill	3/21/2019	16538 Adenus Technologies, LLC	Dose Tank Pump & Parts	3,343.41		351,183.06
Bill	3/21/2019	16537 Adenus Technologies, LLC	Dose Tank Pump & Parts	8,415.29		359,598.35
Bill Pn	3/25/2019	1030 Ferguson Enterprises Inc.	Discount - Recirc Tank		5.35	359,593.00
Bill	3/27/2019	16578 Adenus Technologies, LLC	Control Building - Electrical	2,289.32		361,882.32
Bill	3/28/2019	14295 Cumberland Tractor & Equipment, LLC	Equipment Rental	1,230.51		363,112.83
Bill	3/29/2019	16617 Adenus Technologies, LLC	Control Building - Electrical	4,099.55		367,212.38
Bill	3/31/2019	1866 Adenus Operations	March 2019 Labor	8,108.58		375,320.96
Bill	4/1/2019	1867 Adenus Operations	Sand Filter	752.17		376,073.13
Bill	4/1/2019	1868 Adenus Operations	Sand Filter	1081.85		377,154.98
Bill	4/1/2019	16573 Adenus Technologies, LLC	Control Building - Electrical	72.39		377,227.37
Bill	4/2/2019	1869 Adenus Operations	Control Building - Electrical	2097.52		379,324.89
Bill	4/4/2019	16664 Adenus Technologies, LLC	Drip Zone Materials	417.49		379,742.38
Bill	4/9/2019	16685 Adenus Technologies, LLC	Control Building - Electrical	149.29		379,891.67
Bill	4/9/2019	TNLEB68214 Fastenal Company	Equipment	35.86		379,927.53
Bill	4/9/2019	TNLEB68231 Fastenal Company	Equipment	583.88		380,511.41
Bill	4/9/2019	1870 Adenus Operations	Equipment	861.67		381,373.08

105.3 - CEDAR HILL - CONSTRUCTION IN PROCESS

As of 11/30/19

Type	Date	Num	Name	Memo	Debit	Credit	Balance
Check	4/15/2019		1042 VTK Dumpsters	Dumpster - Cedar Hill		375	381,748.08
Bill	4/15/2019		16712 Adenus Technologies, LLC	Control Building - Electrical		394.36	382,142.44
Bill	4/15/2019		4063354 Winn Materials, LLC	Sand Filter	1289.97		383,432.41
Bill	4/19/2019		16762 Adenus Technologies, LLC	Sand Filter	369.13		383,801.54
Bill	4/30/2019		1890 Adenus Operations	April 2019 Labor	10502.17		394,303.71
Bill	5/7/2019		31977964 Vulcan	Sand Filter	5181.21		399,484.92
Bill	5/7/2019		31977963 Vulcan	Sand Filter	533.14		400,018.06
Bill	5/7/2019		4064012 Winn Materials, LLC	Sand Filter	7478.28		407,496.34
Bill	5/9/2019		1905 Adenus Operations	Materials	1996.28		409,492.62
Bill	5/14/2019		31983892 Vulcan	Sand Filter	566.73		410,059.35
Bill	5/20/2019	1304427-0001	Equipment Finders, Inc.	Equipment Rental	53.1		410,112.45
Bill	5/31/2019		1906 Adenus Operations	Construction Wages - May 2019 - Cedar Hill	2325.85		412,438.30
Bill	9/19/2019		Cedar Hill Fence Andrew Hopkins	Cedar Hill - Drip Fencing	3400.00		415,838.30
Bill	4/9/2019		1870 Adenus Operations	Equipment	442.41		416,280.71

**Maple Green
Cost Analysis
30-Nov-19**

EXPENSES

Consulting & Engineering	<u>Units</u>	<u>per</u>	<u>Price Per</u>	<u>Budget</u>		<u>Expenditures</u>	<u>% of Cost</u>
Project Management	1	each	29,750.00	\$ 29,750.00			
Bond	1	each	5,400.00	\$ 5,400.00			
Engineering	1	each	\$ 24,000.00	\$ 24,000.00			
			Subtotal	\$ 59,150.00	\$ 59,150.00	\$ 40,000.00	67.62%

Adenus Technology	Units	per	Price per	Budget			
Sand Filter	1	each	\$ 58,500.00	\$ 58,500.00			
Drip Zones	1	each	\$ 26,500.00	\$ 26,500.00			
Dose Tank Pumps & Parts	1	each	\$ 20,500.00	\$ 20,500.00			
Control Panel & Arkal	1	each	\$ 24,750.00	\$ 24,750.00			
Recirculation Tank Pumps & Parts	1	each	\$ 7,000.00	\$ 7,000.00			
			Subtotal	\$ 137,250.00	\$ 137,250.00	\$ 99,029.71	72.15%

Tanks, Pond, Filter Media & Building	Units	per	Price per	Budget			
Filter media	1	each	\$ 22,000.00	\$ 22,000.00			
Dose Tank	1	each	\$ 12,000.00	\$ 12,000.00			
Recirculation Tank	1	each	\$ 17,000.00	\$ 17,000.00			
Fencing	800	ln	\$ 17.00	\$ 13,600.00			
Control Building	1	each	\$ 10,000.00	\$ 10,000.00			
			Subtotal	\$ 74,600.00	\$ 74,600.00	63,018.40	84.48%

Equipment	Units	per	Price per	Budget			
Instrumentation	1	each	\$ 7,500.00	\$ 7,500.00			
Pumps	2	each	\$ 3,000.00	\$ 6,000.00			
Excavator	8	weeks	\$ 1,000.00	\$ 8,000.00			
			Subtotal	\$ 21,500.00	\$ 21,500.00	\$ 11,630.20	54.09%

Labor	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>			
Labor	960	hour	\$ 75.00	\$ 72,000.00			
			Subtotal	\$ 72,000.00	\$ 72,000.00	25,338.12	35.19%

TOTAL	\$	364,500.00	\$	239,016.43	65.57%
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Type	Date	Num	Name	Memo	Debit	Credit	Balance
Bill	8/7/2018	15406	Adenus Technologies, LLC	Maple Green - Pump Replacement	3,208.73		3,208.73
Bill	8/7/2018	1763	Adenus Operations	E&D - Maple Green Settlement	40,000.00		43,208.73
General Journal	8/27/2018	82718		Reclass Maple Green repairs to CIP account	22,156.51		65,365.24
Bill	4/19/2019	16761	Adenus Technologies, LLC	Maple Green - parts	2,004.00		67,369.24
Bill	5/21/2019	31990547	Vulcan	MAPLE GREEN	4,421.83		71,791.07
Bill	5/31/2019	1907	Adenus Operations	Construction Wages - May 2019 - Maple Green	13,278.43		85,069.50
Bill	5/13/2019	1075471-01	Stelnhouse Supply Co. Inc.	Materials	941.81		86,011.31
Bill	5/14/2019	20036	Adenus Technologies, LLC	Liner	9,963.14		95,974.45
Bill	5/16/2019	20096	Adenus Technologies, LLC	Pump	1,101.10		97,075.55
Bill	5/20/2019	48665	J.R. Hayes Construction Co., In	Filter Media	11,198.89		108,274.44
Bill	5/21/2019	48667	J.R. Hayes Construction Co., In	Filter Media	5,928.70		114,203.14
Bill	5/22/2019	20167	Adenus Technologies, LLC	Glue	28.46		114,231.60
Bill	5/23/2019	4064464	Winn Materials, LLC	Media	1,136.73		115,368.33
Bill	5/28/2019	14540	Parman Tractor & Equipment	Equipment Rental	2,403.50		117,771.83
Bill	5/28/2019	31996602	Vulcan	Media	4,428.74		122,200.57
Bill	5/28/2019	20188	Adenus Technologies, LLC	Laterals/Manifolds	8,659.93		130,860.50
Bill	5/29/2019	48770	J.R. Hayes Construction Co., In	Filter Media	3,020.54		133,881.04
Bill	5/30/2019	20229	Adenus Technologies, LLC	Laterals/Manifolds/Orifice Shields	17,426.08		151,307.12
Bill	5/31/2019	32001303	Vulcan	Media	1,618.44		152,925.56
Bill	6/2/2019	1918	Adenus Operations	Equipment Rental	2,703.82		155,629.38
Bill	6/5/2019	1304427-000	Equipment Finders, Inc.	Flex Pipe	4,625.25		160,254.63
Bill	6/6/2019	20295	Adenus Technologies, LLC		381.93		160,636.56
Bill	6/7/2019	9500560334	Maple Green		42.58		160,679.14
Bill	6/7/2019	1077326-01	Steinhouse Supply Co. Inc.	Materials	260.40		160,939.54
Bill	6/10/2019	20036-1	Adenus Technologies, LLC	Chambers	33,797.66		194,737.20
Bill	6/10/2019	20082-1	Adenus Technologies, LLC	Solenoids, lids	22,094.30		216,831.50
Bill	6/10/2019	20082	Adenus Technologies, LLC	Riser cuts	179.77		217,011.27
Bill	6/11/2019	32008680	Vulcan	Media	5,976.30		222,987.57
Bill	6/11/2019	917880430	Border States Electric	Materials	39.37		223,026.94
Bill	6/12/2019	20356	Adenus Technologies, LLC	Materials	347.56		223,374.50
Bill	6/18/2019	32015545	Vulcan	Media	2,189.91		225,564.41
Bill Pmt -Check	6/25/2019	1058	Border States Electric	Materials		0.39	225,564.02
Bill	6/30/2019	998	Adenus Operations	Maple Green Rehab Wages for June 2019	11,659.41		237,223.43
Bill	7/2/2019	1001	Adenus Operations	Materials - Lowe's	1,392.72		238,616.15
Bill	7/31/2019	1952	Adenus Operations	Labor	400.28		239,016.43

Smoky Village
Cost Analysis
30-Nov-19

EXPENSES

	<u>Units</u>	<u>per</u>	<u>Price Per</u>	<u>Budget</u>		<u>Expenditures</u>	<u>% of Cost</u>
Consulting & Engineering							
Project Management/Engineering	1	each	14,167.34	\$ 14,167.34		\$ 14,167.34	100.00%

Subtotal \$ 14,167.34 \$ 14,167.34

Previous Completed Construction \$ 1,869.32

	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>			
Construction							
Labor	1	each	\$ 46,135.00	\$ 46,135.00			0.00%
Material	1	each	\$ 28,296.40	\$ 28,296.40		3769.46	13.32%
Equipment	1	each	\$ 34,510.00	\$ 34,510.00			0.00%
Contingencies (5%)	1	each	\$ 5,447.07	\$ 5,447.07			0.00%
Overhead (15%)	1	each	\$ 16,341.21	\$ 16,341.21			0.00%
Profit	1	each	\$ 12,528.26	\$ 12,528.26			0.00%
					\$ 143,257.94		

TOTAL \$ 159,294.60 \$ 17,936.80 11.26%

Property Acquisition \$ 42,000.00 *Paid from checking - due from loan

<i>Type</i>	<i>Date</i>	<i>Num</i>	<i>Name</i>	<i>Memo</i>	<i>Debit</i>	<i>Credit</i>	<i>Balance</i>
Bill	8/7/2018	1765	Adenus Operations	E&D - Smoky Village Settlement	14,167.34		14,167.34
Bill	4/30/2019	31970585	Vulcan		635.49		14,802.83
Bill	5/10/2019	540792	Wholesale Supply Group, Inc.	SMOKEY VILLAGE	436.26		15,239.09
Bill	5/15/2019	542835	Wholesale Supply Group, Inc.	SMOKEY VILLAGE	290.84		15,529.93
Bill	6/1/2019	542098	Wholesale Supply Group, Inc.	SMOKEY VILLAGE	997.28		16,527.21
Bill	6/24/2019	562662	Wholesale Supply Group, Inc.	SMOKEY VILLAGE	200.68		16,727.89
Bill	7/26/2019	579875	Wholesale Supply Group, Inc.	SMOKEY VILLAGE	105.93		16,833.82
Bill	7/30/2019	32053381	Vulcan	SMOKEY VILLAGE	85.09		16,918.91
Bill	7/31/2019	3658997	Cooperative Financial Solutions	SMOKEY VILLAGE	362.88		17,281.79
Bill	8/9/2019	3669685	Cooperative Financial Solutions		560.32		17,842.11
Bill	8/13/2019	32068456	Vulcan	SMOKEY VILLAGE	94.69		17,936.80