

Cedar Hill
Cost Analysis
29-Aug-18

<u>EXPENSES</u>						
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		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	\$ 4,728.93	4.77%
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		
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	\$ 9,559.39	44.46%
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		
			<u>TOTAL</u>	\$ 278,500.00	\$ 54,288.32	19.49%

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	10/22/2018		753930 Hayes Pipe Supply	Materials	703.13		40,703.13
Bill	10/23/2018	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	11/29/2018	13823	Cumberland Tractor & Equipment	Excavator Rental	3,659.88		54,288.32

Maple Green
Cost Analysis
29-Aug-18

<u>EXPENSES</u>						
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	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>		
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	\$ 22,156.51	16.14%
Tanks, Pond, Filter Media & Building	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>		
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		
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	\$ 3,208.73	53.48%
Excavator	8	weeks	\$ 1,000.00	\$ 8,000.00		
			Subtotal	\$ 21,500.00		
				\$ 21,500.00		
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		
			<u>TOTAL</u>	\$ 364,500.00	\$ 65,365.24	17.93%

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

Maple Green
Smoky Village
29-Aug-18

<u>EXPENSES</u>						
Consulting & Engineering	<u>Units</u>	<u>per</u>	<u>Price Per</u>	<u>Budget</u>	<u>Expenditures</u>	<u>% of Cost</u>
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		
Construction	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>		
Labor	1	each	\$ 46,135.00	\$ 46,135.00		
Material	1	each	\$ 28,296.40	\$ 28,296.40		
Equipment	1	each	\$ 34,510.00	\$ 34,510.00		
Contingencies (5%)	1	each	\$ 5,447.07	\$ 5,447.07		
Overhead (15%)	1	each	\$ 16,341.21	\$ 16,341.21		
Profit	1	each	\$ 12,528.26	\$ 12,528.26		
				\$ 143,257.94		
Property Acquisiton				\$ 42,000.00		
			<u>TOTAL</u>	\$ 159,294.60	\$ 14,167.34	8.89%

Type	Date	Num	Name	Memo	Debit	Credit	Balance
Bill	8/7/2018	1765	Adenus Operations	E&D - Smoky Village Settlement	14,167.34		14,167.34

TENNESSEE WASTEWATER SYSTEMS, INC.
Environmental Rate Rider - Depository Account
Details as of 11/30/2018

Type	Date	Num	Name	Memo	Debit	Credit	Balance
131 - Cash							
131.15 - FirstBank - Rider Depository							
Check	9/20/2018	7815	Tennessee Wastewater Systems, Inc.	August 2018 Environmental Rate Rider Revenues - ETN	4504.61		4504.61
Check	9/20/2018	7815	Tennessee Wastewater Systems, Inc.	August 2018 Environmental Rate Rider Revenues - MTN	7659.12		12163.73
Gen Journal	10/31/2018	101618	UMS Receipts	September 2018 Environmental Rate Rider Revenues - MTN	7817.04		19980.77
Gen Journal	10/31/2018	101618	UMS Receipts	September 2018 Environmental Rate Rider Revenues - ETN	4537.56		24518.33
Gen Journal	10/31/2018		FirstBank	Bank Service Charge		21.25	24497.08
Bill Pmt - Check	11/9/2018	1000	Hayes Pipe Supply	Materials		703.13	23793.95
Bill Pmt - Check	11/9/2018	1001	Southern Pipe & Supply	Sand Filter Materials		2845.14	20948.81
Bill Pmt - Check	11/9/2018	1002	Volunteer Utility Sales, Inc.	Filter Rehab		369.64	20579.17
Check	11/13/2018		FirstBank	Bank Service Charge		21.15	20558.02
Transfer	11/16/2018		Transfer from Checking	October 2018 Environmnetal Rate Rider Revenues - MTN/ETN	13861.25		34419.27
Total 131.15 - FirstBank - Rider Depository					38379.58	3960.31	34419.27