

Agenda Request for: February 14, 2007

Department: Solid Waste Department

See Golder proposal 993-3928.76 dated 1/19/07 entitled "Proposal To Provide Engineering Services GCCS Adjustments For Expansion System Start-up, Continuing O&M, And Initial Flare Performance Test" This proposal is to perform landfill gas (LFG) expansion system adjustments, performing the initial flare performance test, preparation of the initial annual report (NSPS), and continuing operation and maintenance (O&M) of the LFG system at the West Nassau Landfill. This work is required to meet the NSPS regulations associated with the expansion of the LFG system; these regulations for the site will be effective on March 1, 2007. This proposal consist of the following:

Task 0100 GCCS Adjustments Prior to March 1, 2007 Deadline \$17,232.00 Golder is proposing the following: Bring wells online as available based on construction progress. Daily monitoring and adjustment of the newly installed 32 wells. Weekly monitoring and adjustment of the newly installed wells for the following two to three weeks. The goal is to balance the gas extraction system with the new wells online and maximize the extraction of landfill gas while maintaining compliance with NSPS.

Task 0200 Initial Flare Performance Test \$7,893.00 Golder will perform the required test for visible emissions from the candlestick flare. Golder will provide a Visible Emissions (VE) observer to conduct the test and provide the results of the test in the Initial NSPS Annual Report. Golder has assumed that a Flare Performance Test Plane will be submitted to FDEP the week of March 26, 2007.

Task 0300 Initial NSPS Annual Report \$6,666.00 The report will include the following items: Value and length of time for exceedance of applicable parameter monitored, description and duration of all periods when the gas stream was diverted from the control device, description and duration of all periods when the control device was not operating for a period exceeding 1 hour and length of time the control device was not operating, all periods when collection system was not operating in excess of 5 days, location of each exceedance of the 500 parts per million methane concentration, the date of installation and the location of each well or collection system expansion added.

In addition, the initial annual report will also include the following information form the initial performance test: a drawing of the collection system showing system locations including all wells, data which the sufficient density of wells, horizontal collectors, surface collectors or gas extraction devices and the gas mover are based, documentation of the presence of asbestos or nondegradable material for each area from which collection wells have been excluded, gas generation flow rates for all areas from which collection wells have been excluded, provisions for increasing gas mover equipment capacity with increased gas generation flow rate, provisions for the control of off-site migration.

Task 0400 Continuing O&M Services under NSPS \$41,640.00 Golder was contracted by the County to provide monitoring and balancing services for the initial LFG extraction system for the 2006 calendar year. Golder has remaining budget to provide these services

APPROVED
DATE 2/14/07 BKS

through March 1, 2007. Under this new task, Golder will continue to provide the required monitoring and balancing services for the LFG extraction system once the construction is complete and the necessary adjustments to the system have been made. The monitoring and balancing services to be provided after March 1, 2007 will be different from the past year of monitoring since there are 32 additional wells and there are numerous different requirements under the NSPS regulations.

This task (or this proposal) does not include any repairs or adjustments made to the gas extraction wells or header pipe resulting from landfill operations (including damage to and/or moving of pipes). Golder's cost estimate to complete the work described above tasks is **\$73,431.00**.

Golder Associates will prepare a separate Cost Proposal to perform repairs or adjustments to the gas extraction wells and header pipe.

Financial/Economic Impact to Future Years Budgeting Process or Effect on Citizens:

Will be considered in future budgeted as required.

Action requested and recommendation:

1. Request the Board approve Golder Associates Cost Proposal 993-3928.76 for **\$73,431.00**. Which consist of **Task 0100** GCCS Adjustment and Monitoring \$17,232 **Task 0200** Initial Flare Performance Test \$7,893 **Task 0300** Initial NSPS Annual Report \$6,666 and **Task 0400** Monitoring and Balancing Services-NSPS \$41,640.
2. Request the Board approve attached budget transfer in the amount of \$73,431.00

Is this action consistent with the Nassau County Comprehensive Land Use Plan?

Public Facility Element Section 4

Funding Source:

70341534-531325 "PS-Golder-O&M LFG " with a budget transfer of \$73,431 from 70341534-531000 "Prof Service" (see attached)

Reviewed by:

Department Head



Legal

Administrator

Finance

Administrative Services

Grants

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See attached
Sh. Janyona
 i) Conformance with Agreement of 7/16/99 Section 2. Scope of Work - FL. Stat. S. 287.015
 (3/8)

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To Becky
1-29-07
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Reviewed by:

Department Head



Legal

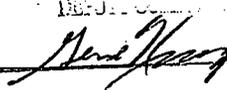
Administrator

Finance

Administrative Services

Grants

REVISED/CHANGED
REVISIONS

 DATE 1/24/07

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Administrator

Finance

Administrative Services

Grants available.
Grants



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COUNTY COMMUNICATIONS
OFFICE

Budget Transfer Request

Requesting Dept: SOLID WASTE Fund: Landfill Operations Transfer # _____

Requested By: _____ Date: 1/23/2007

Purpose: Golder Cost proposal 993-3928.76 for Engineering Services GCCS Adjustments for Expansion System Start-up, Continuing O&M, and Initial Flare Performance Test.

	Acct. Number	Acct. Description	Amount	Available Budget
Transfer:				
From:	<u>70341534-531000</u>	<u>Professional Services</u>	<u>\$ (73,431)</u>	<u>\$ 115,676.00</u>
To:	<u>70341534-531325</u>	<u>PS-Golder-O&M LFG</u>	<u>\$ 73,431</u>	<u>\$ 0.08</u>
From:	_____	_____	_____	_____
To:	_____	_____	_____	_____
From:	_____	_____	_____	_____
To:	_____	_____	_____	_____
From:	_____	_____	_____	_____
To:	_____	_____	_____	_____
From:	_____	_____	_____	_____
To:	_____	_____	_____	_____
From:	_____	_____	_____	_____
To:	_____	_____	_____	_____

Fin. Serv. Use Only

Verified Available

Approved By: BOCC: *[Signature]* Clerk of Courts: _____
 Date: 2-14-07 Date: _____

Financial Services Use Only

Action Completed _____
 Signature/Date _____

Budget Transfer Request

Requesting Dept: SOLID WASTE Fund: Landfill Operations Transfer # _____

Requested By: *[Signature]* Date: 1/23/2007

Purpose: Golder Cost proposal 993-3928.76 for Engineering Services GCCS Adjustments for Expansion System Start-up, Continuing O&M, and Initial Flare Performance Test.

	Acct. Number	Acct. Description	Amount	Available Budget	Fin. Serv. Use Only Verified Available
Transfer:					
From:	<u>70341534-531000</u>	<u>Professional Services</u>	<u>\$ (73,431)</u>	<u>\$ 115,676.00</u>	
To:	<u>70341534-531325</u>	<u>PS-Golder-O&M LFG</u>	<u>\$ 73,431</u>	<u>\$ 0.08</u>	
From:	_____	_____	_____	_____	
To:	_____	_____	_____	_____	
From:	_____	_____	_____	_____	
To:	_____	_____	_____	_____	
From:	_____	_____	_____	_____	
To:	_____	_____	_____	_____	
From:	_____	_____	_____	_____	
To:	_____	_____	_____	_____	
From:	_____	_____	_____	_____	
To:	_____	_____	_____	_____	

Approved By: BOCC: _____ Clerk of Courts: _____
 Date: _____ Date: _____

Financial Services Use Only

Action Completed: _____
 Signature/Date: _____

1/23/2007

Professional Services Detail Breakdown

<u>70341534-531000</u>		<u>\$ 291,797.00</u>
Golder 05/06 Project Carryover Balances	\$ 94,489.00	\$ 197,308.00
Spectrum Data Po Acct Number Correction	\$ 54,703.00	\$ 252,011.00
BT for Golder Proj .59	\$ 10,000.00	\$ 242,011.00
BT for Golder Proj .74	\$ 95,600.00	\$ 146,411.00
BT for Golder Proj.75	\$ 17,753.00	\$ 128,658.00
BT for Golder Proj.64	\$12,982.00	\$ 115,676.00
★ BT for Golder Proj.76	\$73,431.00	\$ 42,245.00
Available Budget:		\$ 42,245.00

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BOARD OF COMMISSIONERS
YEAR TO DATE BUDGET REPORT
EXPENDITURES

PG 233
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FOR 2007 99

	ORIGINAL APPROP	TRANFRS/ ADJSTMIS	REVISED BUDGET	YTD EXPENDED	ENC/REQ	AVAILABLE BUDGET	PCT USED

70341534 LANDFILL OPERATIONS							

70341534 512000 REGULAR SALARIES AND WAGES	481,542	0	481,542	99,801.65	.00	381,740.35	20.7%
70341534 514000 OVERTIME	107,447	0	107,447	21,376.23	.00	86,070.77	19.9%
70341534 521010 FICA TAXES	36,517	0	36,517	7,347.11	.00	29,169.89	20.1%
70341534 521020 MEDICARE TAXES	8,540	0	8,540	1,718.29	.00	6,821.71	20.1%
70341534 522000 RETIREMENT	52,372	0	52,372	11,604.83	.00	40,767.17	22.2%
70341534 523010 LIFE & HEALTH INSURANCE	75,533	0	75,533	16,618.71	.00	58,914.29	22.0%
70341534 523020 RETIREE HEALTH INSURANCE	5,266	0	5,266	843.54	.00	4,422.46	16.0%
70341534 524010 WORKERS' COMPENSATION	43,638	0	43,638	.00	.00	43,638.00	.0%
From: 70341534 531000 PROFESSIONAL SERVICES	346,500	-213,071	133,429	.00	.00	133,429.00	.0%
70341534 531035 DRUG TESTING	740	0	740	.00	.00	740.00	.0%
70341534 531302 PROF SERVICES-GOLDER	0	115,545	115,545	.00	133,297.43	-17,752.43	115.4%
70341534 531311 PROF SERVICES-WEST NASSAU	57,787	0	57,787	.00	54,703.00	3,084.00	94.7%
70341534 531313 PROF SERVICES-LRECHATE-WN	774,000	0	774,000	110,869.49	539,130.51	124,000.00	84.0%
70341534 531319 PS-GOLDER .66 LFGTE	0	19,653	19,653	.00	19,652.32	.68	100.0%
70341534 531324 PS-GOLDER-CAR	0	2,814	2,814	.00	2,813.81	.19	100.0%
To: 70341534 531325 PS-GOLDER-O&M LFG 3928.41	0	22,845	22,845	.00	22,844.92	.08	100.0%
70341534 531335 PS GOLDER 3928.64 PCAP	0	14,850	14,850	.00	14,849.98	.02	100.0%
70341534 531395 GOLDER .51-EXPERT WITNESS	0	1,403	1,403	.00	1,402.19	.81	99.9%
70341534 531416 GOLDER .63 ODER CONTROL	0	35,961	35,961	.00	35,960.39	.61	100.0%
70341534 531450 PS-OPERATIONAL & FIN ANALY	100,000	0	100,000	5,236.41	.00	94,763.59	5.2%
70341534 534000 OTHER CONTRACTUAL SERVICES	2,460	0	2,460	383.29	720.00	1,356.71	44.8%
70341534 534103 CONTRACT SERVICE-CLEANING	2,932	0	2,932	733.07	.00	2,198.93	25.0%
70341534 540000 TRAVEL & PER DIEM	1,089	0	1,089	.00	.00	1,089.00	.0%
70341534 541000 COMMUNICATIONS/FREIGHT	7,800	0	7,800	1,864.38	.00	5,935.62	23.9%
70341534 541020 POSTAGE	1,600	0	1,600	634.04	.00	965.96	39.6%
70341534 541021 POSTAGE-SP ASSESS	25,000	0	25,000	.00	.00	25,000.00	.0%
70341534 541040 COMMUNICATIONS-COMPUTER	5,500	0	5,500	848.20	.00	4,651.80	15.4%
70341534 543000 UTILITY SERVICES	30,000	0	30,000	7,489.34	.00	22,510.66	25.0%
70341534 544000 RENTALS/LEASES	248,555	0	248,555	55,482.11	166,867.80	26,205.09	89.5%
70341534 545000 INSURANCE	58,746	0	58,746	415.00	.00	58,331.00	.7%
70341534 546000 REPAIRS & MAINTENANCE	450,000	-4,450	445,550	11,566.33	22,184.79	411,798.88	7.6%
70341534 546020 MAINTENANCE SERVICE CONTRA	420	0	420	.00	.00	420.00	.0%
70341534 546030 REPAIRS/MAINT-BUILDING	2,600	0	2,600	145.03	.00	2,454.97	5.6%
70341534 546710 GROUNDS UPKEEP	0	4,450	4,450	.00	4,450.00	.00	100.0%
70341534 547000 PRINTING & BINDING	2,000	0	2,000	.00	.00	2,000.00	.0%
70341534 549000 OTHER CURRENT CHGS	775	0	775	35.00	.00	740.00	4.5%
70341534 549002 ADVERTISING	3,100	0	3,100	711.85	.00	2,388.15	23.0%
70341534 549010 RECORDING FEES-LIENS	16,000	0	16,000	.00	.00	16,000.00	.0%
70341534 549014 BAD DEBT EXPENSE	60,000	0	60,000	.00	.00	60,000.00	.0%
70341534 549022 FEES-CLERK	55,000	0	55,000	18,333.36	.00	36,666.64	33.3%

**GOLDER ASSOCIATES INC.
JACKSONVILLE, FLORIDA
PROFESSIONAL SERVICES RATE SCHEDULE FOR CALENDAR YEAR 2007**

Invoices from Golder Associates Inc. include all labor charges, other direct costs, and costs associated with in-house services. Charges include only those services directly attributable to the execution of the work. Time spent when traveling in the interest of the work will be charged in accordance with the hourly rates. An additional 50 percent will be added to the applicable labor rate for expert testimony, including time spent in depositions and the preparation and presentations of testimony.

Labor charges are based upon standard hourly billing rates for each category of staff. The billing rates include costs for salary, payroll taxes, insurance associated with employment, benefits (including holiday, sick leave, and vacation), administrative overheads, and profit. Rates by labor category are as follows:

Personnel Level	Personnel Category	Hourly Rate (U.S.\$)
LA2	Staff Admin Support	\$60
LA3	Senior Admin Support	\$65
LT1	Technician	\$60
LT2	Staff Technician	\$70
LT3	Senior Technician	\$80
LD1/2	Staff CADD Technician	\$80
LD3	Senior CADD Technician	\$90
LV1	Engineer/Scientist	\$75
LV2	Staff Engineer/Scientist	\$85
LV3	Project Engineer/Scientist	\$95
LV4	Senior Project Engineer/Scientist	\$115
LV5	Senior Engineer/Scientist	\$130
LV6	Senior Consultant	\$160
LV7	Practice/Program Leader	\$180

Other direct costs, including materials, outside delivery cost, travel, subsistence, and subcontractor costs, will be invoiced at cost plus a general and administrative fee of 10 percent.

An Office Services Fee for project communications including telephone, fax transmissions, photocopies, and personal computers, AutoCAD and GIS computers, in-house photocopies will be billed at 5 percent of total labor fees. The Office Service Fee does not include color photocopies, outsourced photocopies/reproductions, or drawing reproduction. These services will be billed at the following rates:

SERVICE	RATE
Color Photocopies	\$2.00/page
Black & White Plotter (D&E size)	\$5/plot
Color Plotter (D&E size)	\$10/plot

Rates for laboratory services and use of equipment owned by Golder Associates Inc. will be provided upon request.