

Agenda Request For: February 8, 2006

Department: Solid Waste Management

Background: See Golder proposal 993-3928.67 dated 1/23/06 entitled "Cost Proposal for Preparation of the Final Contamination Assessment Report Regarding the Landfill Gas Extraction System West Nassau Landfill."

Financial/Economic Impact to Future Years Budgeting Process or Effect on Citizens: Required and stipulated by FDEP to confirm that the LFG extraction system is performing as designed by minimizing LFG migration and thereby reducing contaminants in the groundwater. Will consider in future budgets as required.

Action requested and recommendation:

Request the Board consider approving Golder Associates cost proposal 993-3928.67 for **\$7,995**. Which consist of Task 1 Preparation of Contamination Assessment Report \$5,958 and Task 2 Address RAIs \$2,038

Is this action consistent with the Nassau County Comprehensive Land Use Plan? Public Facility Element Section 4

Funding Source: 70341534-531000 with a Budget Transfer of ~~\$7,995~~ ^{\$2,995} to 70341534-531324 PS-Golder-CAR, \$5,000 available in O/C 70341534-531324 presently

Reviewed by:

Department Head

[Signature]

Legal

Administrator

[Signature]

Finance

Administrative Services

[Signature]

Grants

Revised 09/05

APPROVED

DATE 2/8/06
A

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Reviewed by:

Department Head [Signature]

Legal _____

Administrator _____

Finance [Signature] Continuing Contract: does not exceed \$50,000 per F.S. 289.055

Administrative Services [Signature]

Grants _____

01/24/2006
12:48:31

BOARD OF COMMISSIONERS
YEAR TO DATE BUDGET REPORT
EXPENDITURES

PAGE 1
glytbdud

FOR 2006 13

470	SOLID WASTE MGMT FUND	ORIGINAL APPROP	REVISED BUDGET	YTD EXPENDED	MTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED

470 SOLID WASTE MGMT FUND								

70341534 LANDFILL OPERATIONS								

70341534	512000	REGULAR SALARIES AND WA	441,586	441,586	123,082.28	.00	.00	318,503.72 27.9%
70341534	513000	OTHER SALARIES/WAGES (NO	0	0	.00	.00	.00	.0%
70341534	514000	OVERTIME	22,100	22,100	30,644.98	.00	.00	-8,544.98 138.7%*
70341534	515000	SPECIAL PAY (NO RETIREM	0	0	.00	.00	.00	.0%
70341534	521010	FICA TAXES	28,749	28,749	9,301.41	.00	.00	19,447.59 32.4%
70341534	521020	MEDICARE TAXES	6,724	6,724	2,175.34	.00	.00	4,548.66 32.4%
70341534	522000	RETIREMENT	38,672	38,672	11,949.78	.00	.00	26,722.22 30.9%
70341534	523010	LIFE & HEALTH INSURANCE	72,890	72,890	20,710.66	.00	.00	52,179.34 28.4%
70341534	523020	RETIREE HEALTH INSURANC	4,945	4,945	398.91	.00	.00	4,546.09 8.1%
70341534	524010	WORKERS' COMPENSATION	42,316	42,316	.00	.00	.00	42,316.00 .0%
70341534	524021	WKRS COMP-GRIT	0	0	.00	.00	.00	.0%
70341534	525000	UNEMPLOYMENT COMPENSATI	0	0	.00	.00	.00	.0%
70341534	531000	PROFESSIONAL SERVICES <i>Fr:</i>	300,000	281,245	296.61	.00	1,147.14	279,801.25 .5%
70341534	531031	EMPLOYEE PHYSICALS	130	130	.00	.00	.00	130.00 .0%
70341534	531035	DRUG TESTING	1,350	1,350	38.00	.00	.00	1,312.00 2.8%
70341534	531201	PROF SERVICES-ATTORNEY	0	0	.00	.00	.00	.0%
70341534	531302	PROF SERVICES-GOLDER	102,000	34,575	.00	.00	.00	34,575.00 .0%
70341534	531307	PROF SVC-(IV)-ENG & SVY	0	0	.00	.00	.00	.0%
70341534	531311	PROF SERVICES-WEST NASS	53,000	54,703	.00	.00	54,703.00	.00 100.0%
70341534	531313	PROF SERVICES-LEECHATE-	295,000	350,000	82,079.69	.00	117,063.03	150,857.28 56.9%
70341534	531323	PS-GOLDER 3928.38(IV)	0	0	.00	.00	.00	.0%
70341534	531324	PS-GOLDER-CAR <i>To:</i>	5,000	5,000	.00	.00	.00	5,000.00 .0%
70341534	531325	PS-GOLDER-O&M LFG 3928.	11,000	35,425	.00	.00	.00	35,425.00 .0%
70341534	531326	PS-GOLDER 3928.42	2,000	2,000	.00	.00	.00	2,000.00 .0%
70341534	531327	GOLDER 3928.49 TASK 100	26,000	26,000	.00	.00	.00	26,000.00 .0%
70341534	531329	GOLDER 3928.49 TASK 200	0	0	.00	.00	.00	.0%
70341534	531335	PS GOLDER 3928.64 PCAP	0	0	.00	.00	.00	.0%
70341534	531390	GOLDER 3928.49 TASK 400	0	0	.00	.00	.00	.0%
70341534	531391	GOLDER 3928.49 TASK 300	0	0	.00	.00	.00	.0%
70341534	531392	GOLDER 3928.49 TASK 500	0	0	.00	.00	.00	.0%
70341534	531393	GOLDER 3928.49 TASK 600	0	0	.00	.00	.00	.0%
70341534	531394	GOLDER 3928.50	0	0	.00	.00	.00	.0%
70341534	531395	GOLDER .51-EXPERT WITNE	0	0	.00	.00	.00	.0%
70341534	531396	G-3928.53-PERMITTING BOR	0	0	.00	.00	.00	.0%
70341534	531397	GOLDER 3928.54 PERMIT W	0	0	.00	.00	.00	.0%
70341534	531398	GOLDER 3928.49 TASK 700	0	0	.00	.00	.00	.0%
70341534	531416	GOLDER .63 ODER CONTROL	0	43,000	.00	.00	.00	43,000.00 .0%
70341534	531450	PS-OPERATIONAL & FIN AN	50,000	50,000	.00	.00	.00	50,000.00 .0%

Golder Associates Inc.
8933 Western Way, Suite 12
Jacksonville, FL USA 32256
Telephone (904) 363-3430
Fax (904) 363-3445



VIA EMAIL ONLY

January 23, 2006

West Nassau Landfill
46026 Landfill Road
Callahan, Florida 32011

Attention: Mr. Lee Pickett, Interim Solid Waste Director

**RE: COST PROPOSAL FOR PREPARATION OF THE
FINAL CONTAMINATION ASSESSMENT REPORT
REGARDING THE LANDFILL GAS EXTRACTION SYSTEM
WEST NASSAU LANDFILL
NASSAU COUNTY, FLORIDA**

*2/8
ABEWDA
ADDITIONAL
BACKGROUND
TO REVIEW*

908-3928.67

Dear Lee:

Golder Associates Inc. (Golder) is pleased to submit this cost proposal to the Nassau County Board of County Commissioners (Board) for providing professional services for the preparation and submittal of the Final Contamination Assessment Report (CAR) regarding the performance of the landfill gas (LFG) extraction system installed at the West Nassau Landfill relative to cleanup of the groundwater. This report was stipulated by the Florida Department of Environmental Protection (FDEP) in its letter dated October 20, 2005 to confirm that the LFG extraction system is performing as designed by minimizing LFG migration and thereby reducing contaminants in the groundwater. The following provides a description of the proposed scope of services, schedule, estimated cost, and terms and conditions.

SCOPE OF SERVICES

Task 0001 – Preparation of Final Contamination Assessment Report

This task includes the preparation and submittal of the Final CAR as stipulated by FDEP in its October 20, 2005 letter, which indicates that the CAR shall evaluate the effectiveness of the system to control landfill gas migration and shall propose additional measures to control the gas and assess the groundwater contamination. Preparation of this document will require that the County and/or its contractors provide Golder with gas probe monitoring data, site leachate data, and groundwater monitoring data. Golder will request the gas probe monitoring and leachate data from the County and, unless otherwise instructed, will request the groundwater monitoring data from the County's contractor, Spectrum Data Solutions, Inc. (SDS).

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It is anticipated that this report will include a brief summary of the activities conducted, such as the previous Interim CAR's that have been prepared, the landfill gas and groundwater monitoring, enhancement of the landfill gas collection system, and anticipated expansion of the landfill gas collection and control system. This report will also include a summary of the monitoring results, including the gas probe data, groundwater monitoring data, leachate data, and the gas extraction well and system data. Additionally, the report will provide conclusions based on the monitoring data as well as recommendations such that the system will continue to perform as designed and/or to improve the system performance so that the groundwater contamination levels are decreased.

At this point, before a thorough review of the current data, Golder does not anticipate any recommendations that will require additional investigation or system improvements. However, as the operation of the system continues and as additional gas probe and groundwater data is collected, Golder will evaluate the system operation and determine if additional measures are needed to improve the existing groundwater contamination levels and ultimately meet the goals set forth by the County/Golder and FDEP.


Task 002 – Address Requests for Additional Information

Should the FDEP have any comments or requests for additional information (RAIs) on the Contamination Assessment Report submitted under Task 001, Golder would address these under this task. This task assumes that there will be only one round of RAIs and that the RAIs are not significant in nature and that no additional field work or analytical laboratory analyses are required.

SCHEDULE

The Final CAR is due to the FDEP on or before February 28, 2006. Golder will provide the County with a draft CAR by February 20, 2006. In order to properly incorporate the County's comments into the contamination Assessment report, Golder will need to receive comments no later than February 24, 2006. Golder will then incorporate comments provided by the County and submit the CAR to the FDEP on behalf of the County by February 28, 2006.

COST ESTIMATE

Golder's cost estimate to complete the work as described in the above scope of services is \$7,995.  A detailed breakdown of the costs for each task and the labor and expenses estimated in included in the attached Table 1. Golder proposes to perform this work on a cost reimbursable not-to-exceed basis in accordance with labor and unit rates consistent with Golder's standard rates for the year 2006. The County will only be billed actual hours and expenses incurred on the project for work within the agreed scope of work. Direct expenses will be marked-up 10 percent for administrative purposes. Photocopies, computer and AutoCAD time will be billed at agreed upon unit rates. Travel and communications costs will not be billed to Nassau County as stated in our August 1998 proposal. The cost estimate will not be exceeded without prior authorization from Nassau County.

TERMS AND CONDITIONS

This work will be performed under the Agreement for Consulting Services between Golder and the County, dated February 22, 1999.

West Nassau Landfill
Mr. Lee Pickett

- 3 -

January 23, 2006
993-3928.67

Golder appreciates this opportunity to provide our services to Nassau County. If you have any questions regarding this cost proposal, please do not hesitate to call.

Sincerely,

GOLDER ASSOCIATES INC.

Dana Beth Mehlman

Dana B. Mehlman
Project Geotechnical Engineer

Wendy D. Karably

Wendy D. Karably
Senior Consultant/Associate

Attachment

cc: Mike Mahaney, County Administrator

G:\Projects\993-39\993-3928\PROPOSAL\2006 prop\FEB 2006 CAR Proposal.doc

West Nassau Landfill
Mr. Lee Pickett

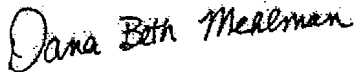
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Project Geotechnical Engineer



Wendy D. Karably
Senior Consultant/Associate

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cc: Mike Mahaney, County Administrator

G:\Projects\993\993-39\993-3928\PROPOSAL\2006 prop\FEB 2006 CAR Proposal.doc

TABLE 1

Cost Estimate
 Final Contamination Assessment Report Preparation
 Landfill Gas Extraction System/Groundwater Contamination
 West Nassau Landfill
 Callahan, Nassau County, Florida

LABOR		LABOR CATEGORY AND RATE										TOTAL HOURS	SUBTOTAL LABOR
		Principal Sr. Consult \$170	Associate \$150	Senior Proj. Mgr. \$130	Senior Engineer \$110	Project Engineer \$90	Staff Engineer I \$85	Staff Engineer II \$75	Drafting \$55	Technician \$55	Clerical \$45		
TASK	DESCRIPTION												
001	Preparation of Contamination Assessment Report	0	8	6	0	32	0	0	8	0	4	58	\$5,480
002	Address RAIs	0	4	2	0	8	0	0	2	0	4	20	\$1,870
TOTALS:		0	12	8	0	40	0	0	10	0	8	78	\$7,350

EXPENSES		Field Vehicle (day) \$70	Per Diem (day) \$25	Communications (est.)	Mileage (mille) \$0.35	Shipping/Postage (est.)	Field Equipment incl. PPE (est.)	Office Computer (hr) \$10	AutoCAD Computer (hr) \$20	Photo-copying (each) \$0.15	Drawing Reproduction (est.)	Subcontractors (est.)	SUBTOTAL EXPENSES
TASK	DESCRIPTION												
001	Preparation of Contamination Assessment Report	0	0	\$0	0	\$100	\$0	2	8	750	\$85	\$0	\$478
002	Address RAIs	0	0	\$0	0	\$50	\$0	0	2	250	\$40	\$0	\$168
TOTALS:		\$0	\$0	\$0	\$0	\$150	\$0	\$20	\$200	\$150	\$125	\$0	\$645

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL LABOR	SUBTOTAL EXPENSES	TASK TOTAL
001	Preparation of Contamination Assessment Report	\$5,480	\$478	\$5,958
002	Address RAIs	\$1,870	\$168	\$2,038
TOTALS		\$7,350	\$645	\$7,995

TABLE 1

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