

Golder Associates Inc.

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



VIA FACSIMILE AND FEDERAL EXPRESS

February 22, 1999

FAXED
2/22/99

P99-3932

Nassau County Board of County Commissioners
3163 Bailey Road
P.O. Box 1010
Fernandina Beach, Florida 32035

Attn: Mr. Walter D. Gossett
County Coordinator

RE: REVISED PROPOSAL FOR EVALUATION OF LANDFILL OPERATIONS
WEST NASSAU CLASS I LANDFILL
NASSAU COUNTY, FLORIDA

Dear Mr. Gossett:

Golder Associates Inc. (Golder) is pleased to submit this proposal and cost estimate to Nassau County for professional services to evaluate the current operations at the West Nassau Class I Landfill in Nassau County. This proposal is submitted following a request by the County engineering services negotiating committee during a meeting on January 19, 1999.

SCOPE OF SERVICES

Task 1 - Review Landfill Operations

The scope of services for Task 1 will consist of the review of operations currently being employed at the landfill. The purpose of this review is to evaluate the efficiency of operations with respect to airspace utilization, waste compaction, soil cover use, stormwater management, and leachate management, with a view toward potentially reducing operational and future construction costs. The following tasks will be performed as part of this evaluation:

- Observe and review existing landfill operations including:
 - Interviews of selected operations personnel,
 - Placement and methods of compaction of waste materials, and
 - Stockpiling and use of cover soil.

APPROVED

DATE 2/22/99 *JTB*

- Evaluate existing landfill equipment, accounting for age, availability, general reliability, and usage.
- Review existing permitted operations and fill sequencing plans. Discuss the effectiveness and efficiency of the plans and obtain any suggested changes from landfill personnel.
- Obtain and evaluate waste disposal quantities, cover material usage, and airspace usage and depletion rates.
- Review existing methods of soil cover usage and evaluate the effectiveness of alternative materials to save on-site cover sources for future closure requirements.

Golder will utilize the services of S2L, Incorporated (S2Li) to assist with this evaluation.

Task 2 - Prepare Evaluation Report

Following completion of Task 2, Golder will prepare a draft report presenting the results of the landfill evaluation and recommendations for improvements. The report will present preliminary cost estimates and/or savings for recommended improvements. Examples of possible recommendations include stormwater management improvements; equipment purchases, upgrades or overhauls; use of alternative cover materials, modifications to fill sequencing; incorporation of leachate recirculation; etc. Golder will submit a draft report to the County within five weeks of notice to proceed. We propose a meeting with the County to discuss the contents of the draft report. Following any comments from the County, Golder will finalize the report.

SCHEDULE

Golder will complete the work in Task 1 and submit the draft report in Task 2 within five weeks of our receipt of written notice to proceed from the County. The report will be finalized within one week of the meeting with the County to discuss the draft report.

COST ESTIMATE

Golder Associates' cost estimate to complete this work is \$18,088.00 based on the scope of services as outlined above. A detailed breakdown of this cost estimate is presented in Table 1, which is attached to this letter.

Golder Associates proposes to perform this work on a cost reimbursable not-to-exceed basis in accordance with the labor and unit rates listed in Table 1. 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 CADD time will be billed at the unit rates listed in Table 1. 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 solid waste engineering services which is currently being negotiated between Golder Associates and the County.

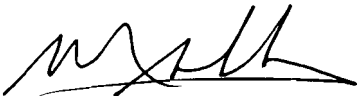
Golder Associates appreciates this opportunity to provide engineering services to Nassau County. If you have any questions regarding this proposal, please do not hesitate to call.

Very truly yours,

GOLDER ASSOCIATES INC.



Francis T. Adams, P.E.
Senior Project Manager



Mark A. Swallow, P.E.
Engineering Group Leader/Associate

MAS/FTA:

Attachment

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TABLE 1
Cost Estimate
Evaluation of Landfill Operations
West Nassau Landfill
Callahan, Nassau County, Florida

LABOR		LABOR CATEGORY AND RATE										TOTAL HOURS	SUBTOTAL LABOR
		Principal \$130	Associate \$110	Senior Proj. Mgr. \$105	Senior Engineer \$95	Project Engineer \$75	Staff Engineer I \$60	Staff Engineer II \$55	Drafting \$45	Technician \$40	Clerical \$40		
TASK	DESCRIPTION												
1	Review Landfill Operations	0	0	32	0	16	0	0	4	0	2	54	\$4,820
2	Prepare Evaluation Report	0	0	24	0	8	0	0	12	0	16	60	\$4,300
TOTALS:		0	0	56	0	24	0	0	16	0	18	114	\$9,120

EXPENSES		Field Vehicle (day) \$75	Per Diem (day) \$25	Communi- cations (est.)	Mileage (mile) \$0.31	Shipping/ Postage (est.)	Lab Testing (est.)	Office Computer (hr) \$10	AutoCAD Computer (hr) \$20	Photo- copying (each) \$0.15	Field Equipment (est.)	Subcon- tractors (est.)	SUBTOTAL EXPENSES
TASK	DESCRIPTION												
1	Review Landfill Operations	0	0	\$0	0	\$20	\$0	2	8	100	\$0	\$9,450	\$9,665
2	Prepare Evaluation Report	0	0	\$0	0	\$50	\$0	16	16	250	\$0	\$3,150	\$3,718
TOTALS:		\$0	\$0	\$0	\$0	\$70	\$0	\$180	\$480	\$53	\$0	\$12,600	\$13,383

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL LABOR	SUBTOTAL EXPENSES	TASK TOTAL
1	Review Landfill Operations	\$4,820	\$5,250	\$10,070
2	Prepare Evaluation Report	\$4,300	\$3,718	\$8,018
TOTALS		\$9,120	\$8,968	\$18,088