

Golder Associates Inc.

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VIA FACSIMILE AND FEDERAL EXPRESS

March 9, 1999

FAXED
3/9/99

P99-3952

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: PROPOSAL FOR NPDES PERMIT APPLICATION RESPONSES
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 address issues related to a National Pollutant Discharge Elimination Permit (NPDES) permit renewal application for the West Nassau Class I Landfill in Nassau County. This proposal is submitted following a verbal request for proposal by Mr. Robert P. McIntyre, Nassau County Solid Waste Director, on March 1, 1999 following the County's receipt of a warning letter from the Florida Department of Environmental Protection (FDEP) regarding the referenced permit renewal application.

BACKGROUND

Golder understands that the County had a NPDES Permit (No. FL0043001) from the FDEP for off-site discharges of surface water and groundwater, which expired on November 29, 1998. Prior to expiration of the permit, a permit renewal application was prepared by Roy F. Weston, Inc. (Weston) and submitted to the FDEP on June 2, 1998. The FDEP issued a letter requesting additional information (RAI) to the County on July 2, 1998. The County submitted a response letter to the FDEP on August 5, 1998. The FDEP issued a second RAI letter on September 2, 1998. The County has requested two extensions, the latest contained in a letter to the FDEP dated February 9, 1999, which requested an extension until April 16, 1999. The FDEP issued a warning letter to the County on February 26, 1999 indicating possible violations of state law and requesting a meeting between the County and the FDEP. The FDEP requested a response from the County to the warning letter by March 12, 1999.

APPROVED

DATE 3/15/99 JMA

Although we have not had an opportunity to review information regarding this permit renewal application and water quality data for the site, Golder understands from Mr. McIntyre that turbidity was the main water quality parameter of concern and that turbidity levels have decreased significantly since the original permit was issued. Based on this decrease, and due to the fact that the site has only intermittent discharges of surface water following precipitation events, the County may wish to pursue elimination of the need for this permit and obtain a general permit from the United States Environmental Protection Agency (USEPA).

SCOPE OF SERVICES

Task 1 - Review Existing Documents

Task 1 will cover an initial review of the current NPDES permit; the renewal application and associated correspondence between the County, Weston, and the FDEP regarding the application; site water quality data; and other related documents to become familiar with the permitted design. This review will be conducted prior to a meeting with the FDEP (Task 2) and preparation of a response to the latest FDEP RAI letter. Golder anticipates that Task 1 will require one week to complete following receipt of all relevant documents from the County.

Task 2 - Meeting with FDEP

The scope of services for Task 2 will consist of a meeting at the FDEP Northeast District office in Jacksonville to discuss the permit renewal application and the February 26, 1999 warning letter. It is assumed that a County representative(s) will accompany Golder staff at this meeting. During this meeting, Golder will discuss the possibility of eliminating this permit requirement and determine the steps necessary for this process. Following the meeting, we will prepare a summary of items discussed, actions required, and a schedule for their implementation.

Task 3 - Address FDEP Comments

Upon receipt of the information requested under Task 1 and the meeting with the FDEP under Task 2, the FDEP comments in the RAI letter dated September 2, 1998 will be addressed. These include:

- A discussion of the background sampling location to ensure that the background water quality on which the permit's discharge limits are based are representative;
- Sampling of lead at both discharge outfall locations; and
- Tabulation of the last five years of water quality data and completion of Part A on the table from Form 62-620.910(5).

We have assumed that the County has the five years of water quality data in a readily available format and that tabulation of this information will require minimal effort. If Golder is required

to compile and tabulate this data, additional cost will be incurred over that which is assumed in the attached cost estimate in Table 1.

Preparation of a draft response letter to the FDEP comments is estimated to take approximately two weeks to complete, following the meeting with the FDEP. After receipt of any County comments to the draft response letter, Golder will finalize and submit the final response letter within one week.

Additional tasks, such as pursuing a general permit from the USEPA, are not included herein since it is difficult to determine their scope at this time. Should the County wish to pursue this, Golder can prepare a proposal and cost estimate at that time.

SCHEDULE

The schedules for Tasks 1 and 3 are discussed above. The meeting with the FDEP (Task 2) will be arranged as soon as the schedules of the participants allow. In any event, Golder will submit the response letter to the County in time to meet the April 16, 1999 submittal date that was requested by the County in the February 9, 1999 letter to the FDEP, as long as we receive information from the County in a timely manner and notice to proceed from the Board of County Commissioners by March 15, 1999.

COST ESTIMATE

Golder Associates' cost estimate to complete this work is \$6,323.00 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.

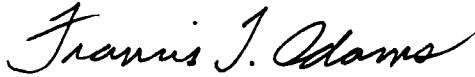
TERMS AND CONDITIONS

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

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



Kenneth B. Karably, P.E., P.G.
Senior Project Manager and Associate

KBK/FTA:

Attachment

FN: G:\COMMON\ADAMS\PROPOSAL\NASSAUCO\p99-3952.doc

TABLE 1

**Cost Estimate
NPDES Permit Application Responses
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 Existing Documents	0	0	4	0	8	0	0	0	0	0	12	\$1,020
2	Meeting with FDEP	0	0	6	0	8	0	0	0	0	2	16	\$1,310
3	Address FDEP Comments	0	0	12	0	20	0	0	4	0	12	48	\$3,420
TOTALS:		0	0	22	0	36	0	0	4	0	14	76	\$5,750

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) \$0.18	Field Equipment (est.)	Subcon- tractors (est.)	SUBTOTAL EXPENSES
TASK	DESCRIPTION												
1	Review Existing Documents	0	0	\$0	0	\$25	\$0	0	0	250	\$0	\$0	\$63
2	Meeting with FDEP	0	0	\$0	0	\$15	\$0	2	0	500	\$0	\$0	\$110
3	Address FDEP Comments	0	0	\$0	0	\$50	\$0	12	4	1,000	\$0	\$0	\$400
TOTALS:		\$0	\$0	\$0	\$0	\$90	\$0	\$140	\$80	\$263	\$0	\$0	\$573

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL LABOR	SUBTOTAL EXPENSES	TASK TOTAL
1	Review Existing Documents	\$1,020	\$63	\$1,083
2	Meeting with FDEP	\$1,310	\$110	\$1,420
3	Address FDEP Comments	\$3,420	\$400	\$3,820
TOTALS		\$5,750	\$573	\$6,323