

Golder Associates Inc.

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VIA FACSIMILE AND FEDERAL EXPRESS

April 26, 1999

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 CAPACITY AND FILL TIME ESTIMATES
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 (the County) for professional services to estimate the remaining capacity and fill time for the West Nassau Class I Landfill in Nassau County. These estimates will be used to prepare a preliminary evaluation and provide recommendations regarding moving forward with repermitting of the West Nassau Landfill prior to the FDEP-required repermitting schedule. This proposal is submitted based on a request by representatives of the Board of County Commissioners (the Board) in a meeting held on April 22, 1999.

BACKGROUND

Golder has recently been contracted to perform several scopes of services relating to the West Nassau Class I Landfill, including an evaluation of alternative liner configurations for the remaining phase of the landfill (Phase IV), financial assurance documentation, and a landfill operations evaluation. Although these scopes have not all been completed, Golder, working with our subconsultant S2L, Inc. (S2Li), has determined from several aspects of this work that there are potential economic and financial advantages that may be realized by repermitting the West Nassau Landfill operations ahead of schedule. One advantage stems from the redesign of the liner configuration for Phase IV. However, the time remaining to fill the existing cell and the time estimated to go through the repermitting process are critical issues to determining if it is feasible to repermit. Therefore, Golder was asked to estimate these times and present our findings to the Board of County Commissioners. The following describes the scope of services to be performed to provide this information to the County.

APPROVED

DATE 4/26/99 *JML*

SCOPE OF SERVICES

Task 1 – Volume and Estimated Fill Time Calculations

Golder/S2Li will calculate the remaining volume in the Phase II area utilizing the October 1998 topographic survey, estimating the present elevations based on recent observations at the landfill, and utilizing the final closure elevations proposed as part of the prior operations permit renewal application. Three volume calculations will be conducted:

1. The remaining volume in the Phase II area before above-grade operations begin;
2. The remaining volume in the Phase II area and adjacent filled area to the 100 to 110 foot elevation; and
3. The remaining volume in the Phase II area and total operational build-out in the adjacent filled area.

In addition, utilizing recent disposal rates, a fill rate and fill time estimate will be calculated for the above listed conditions.

Task 2 – Preparation of Letter Report

Golder/S2Li will prepare a letter report outlining the results of Task 1. The letter report will include a discussion of the assumptions made, data used, and method utilized to perform the calculations along with a summary of the results. The letter report will also include a schedule of the time-line estimated to acquire a new operating permit and then preliminary recommendations based on the comparison of the fill time estimate with the repermitting time line.

Task 3 – Presentation to Board of County Commissioners

Golder/S2Li will present the findings of the analysis to the Board of County Commissioners. This will include a review of the letter report submitted, a review of the preliminary recommendations made, and answering any questions the Board may have. Based on this presentation, we expect that the Board will decide at that time whether to proceed with repermitting the West Nassau Landfill.

SCHEDULE

The calculations would be performed within approximately one week of receiving authorization to proceed. The letter report preparation would follow and a submittal to the County would be made by May 6, 1999. This would allow the Commissioners to review the information and be prepared for the presentation to be given at the Board meeting scheduled for May 10, 1999 (as was discussed at the April 22, 1999 meeting). This schedule assumes that approval for this scope of services is received at the April 26, 1999 Board meeting.

COST ESTIMATE

Golder Associates' cost estimate to complete this work is \$14,019.00 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.

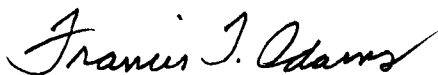
Golder Associates proposes to perform this work on a cost reimbursable not-to-exceed basis in accordance with the labor and unit rates listed in Table 1. The County will only be billed actual hours and expenses incurred on the project for work within the agreed scope of services. Direct expenses will 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

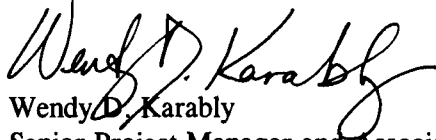
This work will be performed under the Agreement for Consulting Services between Golder and the County, dated February 22, 1999. Golder appreciates this opportunity to provide engineering services to Nassau County. If you have any questions regarding this proposal, please do not hesitate to call.

Very truly yours,

GOLDER ASSOCIATES INC.



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



Wendy D. Karably
Senior Project Manager and Associate

Attachment

FN: G:\COMMON\ADAMS\PROPOSAL\NASSAUCO\CalcProp.doc

TABLE 1

**Cost Estimate
Capacity and Fill Time Estimates
West Nassau Class I Landfill
Nassau County, Florida**

LABOR		LABOR CATEGORY AND RATE										TOTAL HOURS	SUBTOTAL LABOR	
		Principal \$130	Assoc. \$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	Volume & Estimated Fill Time Calc	0	0	5	0	0	0	0	0	0	0	0	5	\$525
2	Preparation of Letter Report	0	3	6	0	0	0	0	0	0	0	4	13	\$1,120
3	Presentation to Board	0	6	6	0	0	0	0	0	0	0	0	12	\$1,290
TOTALS:		0	9	17	0	0	0	0	0	0	0	4	30	\$2,935

EXPENSES		Field Vehicle (day) \$75	Per Diem (day) \$25	Communi- cations (est.)	Mileage (mile) \$0.11	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	Volume & Estimated Fill Time Calc	0	0	\$0	0	\$0	\$0	0	0	25	\$0	\$4,504	\$4,508
2	Preparation of Letter Report	0	0	\$0	0	\$50	\$0	4	0	25	\$0	\$2,738	\$2,832
3	Presentation to Board	0	0	\$0	0	\$0	\$0	0	0	50	\$0	\$3,737	\$3,745
TOTALS:		\$0	\$0	\$0	\$0	\$50	\$0	\$40	\$0	\$15	\$0	\$10,979	\$11,084

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL LABOR	SUBTOTAL EXPENSES	TASK TOTAL
1	Volume & Estimated Fill Time Calcs.	\$525	\$4,508	\$5,033
2	Preparation of Letter Report	\$1,120	\$2,832	\$3,952
3	Presentation to Board	\$1,290	\$3,745	\$5,035
TOTALS		\$2,935	\$11,084	\$14,019