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COUNTY CLERK
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VIA FACSIMILE AND U.S. MAIL

May 21, 1999

993-3928.10

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

Attn: Mr. Walter D. Gossett
County Coordinator

**RE: PROPOSAL FOR PREPARATION OF FY 1999 CLOSURE AND
POST-CLOSURE COST ESTIMATES
WEST NASSAU, BRYCEVILLE AND LOFTON CREEK LANDFILLS
NASSAU COUNTY, FLORIDA**

Dear Mr. Gossett:

As requested at the Board of County Commissioners (Board) Meeting on May 10, 1999, Golder Associates Inc. (Golder Associates) has prepared this proposal to Nassau County for the preparation of the Fiscal Year (FY) 1999 Closure and Post-Closure Long-Term Care Annual Cost Estimates for the West Nassau (both closed and active Class I), Bryceville, and Lofton Creek Landfills located in Nassau County, Florida. This proposal includes the scope of work required to complete this task, along with a schedule and cost estimate for completing the work as described. It should be noted that because the re-permitting effort will be conducted concurrently and will take longer to complete, the closure cost estimate for the Active West Nassau Class I Landfill will be prepared based on the currently permitted closure and permit conditions. Additionally, this proposal assumes that the up-to-date (1999) aerial topographic information will be provided to Golder by the County.

SCOPE OF WORK

Task 1 - Closed West Nassau, Bryceville and Lofton Creek Landfills Estimates

The closed facilities will first be inspected to evaluate the existing conditions and to determine if there are any unidentified repair and maintenance costs. The County's records on the past costs for these landfills will be reviewed to determine the actual amount the County is spending to maintain these landfills. Additionally, the groundwater monitoring program will be reviewed to ensure that the appropriate water quality data is being collected and the reporting criteria are being

APPROVED

DATE 6/14/99 *JMK*

met. It is assumed that no change in groundwater quality has occurred since the last submittal and that no change in the groundwater monitoring plan is required. Finally, all the post-closure costs will be reviewed and updated to account for inflation as well as a reduction in the remaining long-term care period since the previous estimates were submitted to the FDEP for 1998. The FDEP will be contacted to obtain the latest inflation factors and the County's demonstrated escrow balance.

Task 2 - Active West Nassau Class I Landfill Estimates

This task includes an update of the closing cost estimate for the Active West Nassau Class I Landfill relative to closure and post-closure care of the previously filled areas within the active West Nassau Class I Landfill. These estimates include the cost to close the facility in accordance with the closure plan approved by the Florida Department of Environmental Protection (FDEP), and the cost to maintain the site for a 30-year post-closure period. As part of this task, Golder will review in detail the past closure cost estimate provided to FDEP. The landfill volume consumed between aerial topographic mapping for 1998 and 1999 will be estimated as well as the current landfill in-place density. The density will be estimated using the volume consumed and the disposal tonnage recorded during that filling period. We will also project the remaining capacity of the landfill at build-out under the currently permitted design.

Task 3 - Meetings and Document Submittals

Once Tasks 1 and 2 are completed, we would propose to submit a draft of the cost estimates to the County for review and approval. Based on the recent work we completed for the FY 1998 cost estimates, we believe the FY 1999 estimates will save the County money by reducing the costs required to be placed in escrow. However, we would recommend that, after the County has reviewed and approved the cost estimates, Golder and the County meet with FDEP to discuss the new estimates and the reduction in costs (if any). Once the meeting with FDEP is completed, Golder would finalize the narrative and FDEP forms, sign and seal the document and forms, and submit to FDEP and the County. We will also prepare the appropriate documents and estimates for the County Finance Department for use in its 1998/1999 FY audit. Additionally, for the Finance Department, we will estimate the total capacity for the Active West Nassau Class I Landfill as of 9/30/99 (for all years of operation).

SCHEDULE

Preparation of the closure and post-closure cost estimates for the Nassau County landfills, as described in the above tasks, can be completed through the draft submittal to the County for review within 30 days of receipt of authorization from the County. This schedule assumes that the data from the County is readily available, specifically, the topographic survey is required to be available to Golder at least two weeks prior to submittal of a draft document. Once the County has reviewed the document, a meeting with FDEP would be scheduled at the convenience of the County and FDEP. Following the meeting, assuming the cost reductions are accepted, Golder will finalize the documents and submit the FDEP and the County within one week.

TABLE 1

Cost Estimate
 FY 99 Closure/Post-Closure Cost Estimates
 West Nassau, Bryceville, and Lofton Creek Landfills
 Nassau County, Florida

LABOR	TASK DESCRIPTION	LABOR CATEGORY AND RATE										TOTAL HOURS	SUBTOTAL LABOR
		Principal \$130	Associate \$110	Senior Pr. Mgr. \$105	Senior Engineer \$95	Project Engineer \$75	Staff Engineer I \$60	Staff Engineer II \$45	Drafting \$45	Technician \$40	Clerical \$40		
Task 1	Closed Landfills Estimates	0	0	6	0	0	0	2	2	0	2	12	\$890
Task 2	Active West Nassau Estimates	0	0	6	0	0	0	2	2	0	2	12	\$890
Task 3	Meetings and Document Submittal	0	4	6	0	0	0	0	0	0	2	12	\$1,150
	TOTALS:	0	4	18	0	0	0	4	4	0	6	36	\$2,930

EXPENSES	TASK DESCRIPTION	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) \$10	Photo- copying (each) \$0.15	Field Equipment (est.)	Subcon- tractors (est.)	SUBTOTAL EXPENSES
		Task 1	Closed Landfills Estimates	0	0	\$0	0	\$0	\$0	2	0	100	\$0
Task 2	Active West Nassau Estimates	0	0	\$0	0	\$0	\$0	2	0	100	\$0	\$3,400	\$3,435
Task 3	Meetings and Document Submittal	0	0	\$0	0	\$50	\$0	2	0	500	\$0	\$6,200	\$6,345
	TOTALS:	\$0	\$0	\$0	\$0	\$50	\$0	\$60	\$0	\$105	\$0	\$11,600	\$11,815

COST SUMMARY				
TASK	DESCRIPTION	SUBTOTAL LABOR	SUBTOTAL EXPENSES	TASK TOTAL
Task 1	Closed Landfills Estimates	\$890	\$2,035	\$2,925
Task 2	Active West Nassau Estimates	\$890	\$3,435	\$4,325
Task 3	Meeting and Document Submittal	\$1,150	\$6,345	\$7,495
TOTALS		\$2,930	\$11,815	\$14,745

COST ESTIMATE

Golder's cost estimate to complete this work is \$14,745 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 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. Subconsultant work billed by S2Li will not be marked-up by Golder. 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.

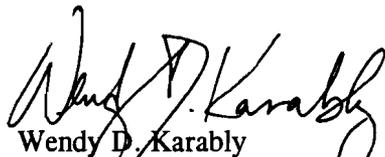
Golder appreciates this opportunity to provide engineering services to Nassau County. If you have any questions regarding this proposal, please do not hesitate to call.

Very truly yours,

GOLDER ASSOCIATES INC.



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



Wendy D. Karably
Senior Project Manager/Associate

cc: Mr. Robert P. McIntyre