

Agenda Request For: June 26, 2000

Department: Solid Waste

Fund: Solid Waste

Action requested and recommendation:

Consideration of Proposal from Golder Associates for Assistance with Obtaining a Contractor for Sampling and Analysis at the County Landfills.

Funding Source: 70341534-531311 Professional Services

Financial/Economic Impact to Future Years Budgeting Process or Effect on Citizens:

This is an annual requirement for permit.

Is this action consistent with the Nassau County Comprehensive Land Use Plan?

N/A

Reviewed by:

Legal

Finance

Coordinator



APPROVED

DATE 6/26/00 JHB

1 According to the Service Agreement attached to the Invitation to Bids solicited in 1996 (which is assumed to be the current contract), the initial term of the contract was one year, with automatic one-year renewals unless either party notifies the other, at least sixty (60) days prior to the expiration of the then current term, of its desire to terminate the AGREEMENT.

Goldier Associates Inc. (Goldier) is pleased to submit this cost proposal to the Nassau County Board of County Commissioners (Board) for professional services to assist the County in preparing an Invitation for Bids for distribution to qualified contractors for performing permitted sampling and analysis at the County's three landfills. It is our understanding from Mr. McIntyre that there is an existing contract to perform these services (along with reporting) that the County will terminate at the end of the current term (September). The scope of services that Goldier will perform under this cost proposal, along with the schedule, cost estimate, and terms and conditions are discussed below. It should be noted that, as discussed with Walt Gossett, Goldier has proposed to assist in preparing the Invitation for Bids that will include only the field sampling and analysis, and that Goldier will perform the reporting services that were previously included under this contract. Goldier has prepared a separate cost proposal for the Board's consideration that will include the reporting requirements for the various sites. The primary reason for this change is the recent exceedances of the groundwater standards at the West Nassau Landfill, which has necessitated assessment monitoring, increased sampling frequency, and the addition of parameters for analysis. These changes require that Goldier has been providing services associated with the assessment monitoring and the remedy, we believe we are best able to provide the reporting services. Further details for this change are provided in the separate reporting cost proposal.

Dear Mr. Gossett:

RE: COST PROPOSAL FOR ASSISTANCE WITH OBTAINING A CONTRACTOR FOR SAMPLING AND ANALYSIS AT THE COUNTY'S LANDFILLS NASSAU COUNTY, FLORIDA

Attention: Mr. Walter D. Gossett
County Coordinator
Femandina Beach, Florida 32035
3163 Bailey Road
P.O. Box 1010
Nassau County Board of County Commissioners

June 16, 2000

VIA FACSIMILE AND U.S. MAIL

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the regulations and the permit conditions to evaluate if there are any changes that could be made that would offer cost savings to the County at these closed sites. For example, there may be able to be some reduction in the parameters to be analyzed based on previous results, or decrease in sample frequency, or potential elimination of wells from the monitoring systems based on groundwater flow direction. The scope of services, along with the schedule, cost estimate, and terms and conditions for this cost proposal are discussed below.

SCOPE OF SERVICES

Task 1 - Reporting for West Nassau Landfill

Under this task, Golder will prepare groundwater monitoring reports for the West Nassau Landfill (both the closed and active Class I areas). These reports will include groundwater sampling results, including laboratory and field sampling forms, in accordance with the site's permit and the regulations. It is assumed that Golder will be provided electronic and hard copies of the analytical laboratory reports and a written description and/or field forms of the sampling activities by the sampling and analysis contractor. The information provided is assumed to be in the format required by FDEP for use in the monitoring reports and in a timely manner for such that evaluation can be performed and the information incorporated into the report by its due date. These reports will also include a written evaluation of the groundwater analytical results along with water level measurements, as available, and an evaluation of the performance of the slurry wall and french drain system.

Additionally, the groundwater monitoring reports will include surface water monitoring data and evaluation. The reports will include the surface water sampling results, including laboratory and field sampling forms, in accordance with the site's permit and the regulations. It is assumed that Golder will be provided electronic and hard copies of the analytical laboratory reports and a written description and/or field forms of the sampling activities by the sampling and analysis contractor. The information provided is assumed to be in the format required by FDEP for use in the monitoring reports and in a timely manner for such that evaluation can be performed and the information incorporated into the report by its due date. These reports will also include a written evaluation of the surface water analytical results, e.g., compliance with drinking water or Class III surface water standards.

Based on the permit requirements, a bi-annual report is required to be submitted by May 15, 2001, so we have included the preparation of this report in this cost proposal. This report will include leachate, groundwater, and surface water data from the previous two years, along with site-specific conditions, and a graphical plot of analytical laboratory data for the leachate and surface water sampling parameters. Additionally, the groundwater, surface water, and leachate monitoring programs will be evaluated and the adequacy of the monitoring frequency and analyses will be determined. This report will be prepared under the direction of and sealed by a professional geologist or qualified professional engineer.

Task 002 - Reporting for Lofton Creek Landfill

Under this task, Golder will prepare groundwater monitoring reports for the Lofton Creek Landfill, including the Meadowfield Bluff Subdivision. These reports will include groundwater

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sampling results, including laboratory and field sampling forms, in accordance with the site's permit and the regulations. It is assumed that Golder will be provided electronic and hard copies of the analytical laboratory reports and a written description and/or field forms of the sampling activities by the sampling and analysis contractor; the information provided is assumed to be in the format required by FDEP for use in the monitoring reports and in a timely manner to allow for review and incorporation of this information in the reports by their due date. These reports will also include a written evaluation of the groundwater analytical results along with water level measurements and contour maps indicating direction of groundwater flow. Preparation of the initial report under this task will include review and evaluation of the existing monitoring system, including the current assessment monitoring that is taking place, with respect to the requirements under the regulations and the permit to evaluate the possibility for reducing costs to the County.

Additionally, the groundwater monitoring reports will include surface water monitoring data and evaluation. The reports will include the surface water sampling results, including laboratory and field sampling forms, in accordance with the site's permit and the regulations. It is assumed that Golder will be provided electronic and hard copies of the analytical laboratory reports and a written description and/or field forms of the sampling activities by the sampling and analysis contractor; the information provided is assumed to be in the format required by FDEP for use in the monitoring reports and in a timely manner to allow for review and incorporation of this information in the reports. These reports will also include a written evaluation of the surface water analytical results, e.g., compliance with drinking water or Class III surface water standards.

Based on the permit requirements, a bi-annual report is required to be submitted for this site and we have included the preparation of this report in this cost proposal. This report will include groundwater and surface water data from the previous two years, along with site-specific conditions, and a graphic plot of analytical laboratory data for the surface water sampling parameters. Additionally, the groundwater and surface water monitoring programs will be evaluated and the adequacy of the monitoring frequency and analyses will be determined. This report will be prepared under the direction of and sealed by a professional geologist or qualified professional engineer.

Task 003 - Reporting for Bryceville Landfill

Under this task, Golder will prepare groundwater monitoring reports for the Bryceville Landfill. These reports will include groundwater sampling results, including laboratory and field sampling forms, in accordance with the site's permit and the regulations. It is assumed that Golder will be provided electronic and hard copies of the analytical laboratory reports and a written description and/or field forms of the sampling activities by the sampling and analysis contractor. The information provided is assumed to be in the format required by FDEP for use in the monitoring reports and in a timely manner for such that evaluation can be performed and the information incorporated into the report by its due date. These reports will also include a written evaluation of the groundwater analytical results along with water level measurements

Timing for this report was not determined for this cost proposal, but it is assumed that a bi-annual report will be required within the terms of this contract.

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and contour maps indicating groundwater flow direction. The initial report prepared under this task will include an evaluation of the existing monitoring system with respect to the requirements under the regulations and the permit to evaluate the possibility of reducing costs to the County.

Additionally, the groundwater monitoring reports will include surface water monitoring data and evaluation. The reports will include the surface water sampling results, including laboratory and field sampling forms, in accordance with the site's permit and the regulations. It is assumed that Golder will be provided electronic and hard copies of the analytical laboratory reports and a written description and/or field forms of the sampling activities by the sampling and analysis contractor; the information provided is assumed to be in the format required by FDEP for use in the monitoring reports and in a timely manner to allow for review and incorporation of this information in the reports. These reports will also include a written evaluation of the surface water analytical results, e.g., compliance with drinking water or Class III surface water standards.

Based on the permit requirements, a bi-annual report is required to be submitted by February 1, 2001, so we have included the preparation of this report in this cost proposal. This report will include groundwater and surface water data from the previous two years, along with site-specific conditions, and a graphic plot of analytical laboratory data for the surface water sampling parameters. Additionally, the groundwater and surface water monitoring programs will be evaluated and the adequacy of the monitoring frequency and analyses will be determined. This report will be prepared under the direction of and sealed by a professional geologist or qualified professional engineer.

SCHEDULE

Golder proposes to provide the reporting for each of the landfills concurrent with the new contract for the sampling and analyses at the landfills (i.e., October 2000 through September 2001), with the exception of the report associated with the September assessment monitoring event at the West Nassau Landfill as discussed under Task 1. The prepared reports will be submitted to the County Solid Waste Department prior to the date required for submittal to FDEP in accordance with each landfill's permit.

COST ESTIMATE

Golder proposes to perform this work on a unit per-report basis for each landfill and/or report type, as presented below. The unit costs provided below include all labor and direct expenses for preparing and submitting the various reports. It should be noted that the routine reports referred to below may be quarterly or semi-annual, depending on the permit requirements for each landfill. The cost for the routine report is for each report.

Landfill/Task No.	Initial Report	Routine Report	Bi-Annual Report
West Nassau/Task 1	\$2,800	\$2,200	\$4,000
Lofton Creek/Task 2	\$2,500	\$2,000	\$3,750
Bryceville/Task 3	\$2,500	\$2,000	\$3,750

25,500

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Services between Golder and

TERMS AND CONDITIONS

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

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.

Very truly yours,

GOLDER ASSOCIATES INC.



Wendy D. Karably
Senior Project Manager/Associate

Attachment

cc: Bob McIntyre - via facsimile only

FN: C:\WDE\NASSAU\RPT\PROP.DOC

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