# COUNTY DEPARTMENT AGENDA REQUEST

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| Department: | Solid Waste | Presenter(s): | Vanessa Birrell |
| Meeting Date: | Thursday, November 18, 2010 | Type of Request: | Old Business |

Wording for the Agenda:

Consideration of staff's recommendation to award Proposal No. P764 to Jacobs Engineering Group, Inc. to conduct post-closure environmental monitoring and compliance activities, and to allow an $11,000 Fiscal Year 2011 budget adjustment to recognize an increase in the revenue and expenditure accounts for Solid Waste hosting fees.

Background/History/Details:

Solid Waste Management includes overseeing and monitoring post-closure compliance activities required by Georgia Solid Waste Management Regulations (391-3-4.14) and complying with other regulatory programs. The scope of work includes the qualified firm conducting groundwater and methane monitoring; performing a methane remediation study for anticipated O&M upgrades; additional installation of a methane system (if needed); a greenhouse gas report required by recently promulgated, federally-mandated regulations requiring amounts of carbon dioxide emitted from landfills be determined and annually reported. Recent methane-monitoring data and maintenance conducted at the north side facility has demonstrated a need for minor upgrades to venting systems be conducted in order to maintain the county's compliance status.

Six firms responded to this RFP. Each proposal was evaluated on project understanding, technical approach, qualifications and cost. criteria established in the RFP. Jacobs Engineering Inc. was the 2nd lowest bid exceeding the lowest proposal by $5,230.

What action are you seeking from the Board of Commissioners?

Staff is asking the Board to award Proposal P764 to Jacobs Engineering Group Inc. for an not-to-exceed amount of $82,270 for a 12-month period to conduct post-closure environmental monitoring and compliance activities. Additionally, staff is asking for Board approval of both revenue and expenditure increases in the amount of $11,000 in the Solid Waste Enterprise Fund to cover the additional amount of post-closure care expenditures for the 2011 fiscal year.

If this item requires funding, please describe:

Funding for this proposal will come from Solid Waste host fee collections. Collections from host fees have exceeded the budgeted amount in FY 2010 and so far in FY 2011.

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| Has this issue come before the Commissioners in the past? | Yes | If so, when? | 7/22/2010 |
| Do you need audio-visual for the presentation? | No | Back-up Material Submitted? | No |

## STAFF USE ONLY

| | | | |
|---|---|---|---|
| Approved by Finance | Yes | Reviewed by Legal | |
| Approved by Purchasing | Yes | Approved by County Clerk | |
| Administrator's Approval | Yes | | |

Staff Notes:

Fayette County
GEORGIA

*Where Quality Is A Lifestyle*

To: Jack Krakeel

From: Tim Jones TJ

Date: November 4, 2010

Subject: Proposal #P764, Environmental and Engineering Services

Sealed proposals were requested for the subject item. A proposal tally sheet is attached for your review.

In Vanessa Birrell's attached recommendation, Vanessa indicated Jacobs Engineering Group, Inc. met the evaluation criterion, and they offered the second lowest overall price. The company which proposed the lowest cost proposal, Hayes, James & Associates, Inc., did not include a cost benefit of negotiating with EPD to reduce landfill inspections and reporting requirements; providing historical data analysis in studying methane remediation; or providing minor modification reports to EPD upon any monitoring system upgrade modifications, as requested in the request for proposals. Per Vanessa's attached email, the 12 month not too exceed amount for Environmental and Engineering Services is $82,270. I concur with Vanessa's recommendation.

If this recommendation meets your approval, please place this item on the next available consent agenda. If any additional information is needed, please let me know.

TJ/tcb

Attachments

cc: Vanessa Birrell
Tony Parrott

**PROPOSAL #P764 ENVIRONMENTAL AND ENGINEERING SERVICES**
**NOT-TO-EXCEED COST FOR ATTACHMENT 'A' SCOPE OF WORK**

| DESCRIPTION | ADVANCED ENVIRONMENTAL MANAGEMENT, INC. | ATC GROUP SERVICES, INC. d/b/a ATC ASSOCIATES INC. | ATLANTIC COAST CONSULTING, INC. | GEOTECHNICAL & ENVIRONMENTAL CONSULTANTS, INC. | HAYES, JAMES & ASSOCIATES, INC. | JACOBS ENGINEERING GROUP, INC. |
|---|---|---|---|---|---|---|
| 1. GROUNDWATER AND SURFACE MONTIORING/EVENT | | | | | | |
| A. NORTHSIDE | | | | | | |
| FIRST HALF | $3,000.00 | $7,800.00 | $10,080.00 | $6,000.00 | $3,560.00 | $5,600.00 |
| SECOND HALF | $3,000.00 | $7,800.00 | $8,140.00 | $6,000.00 | $3,560.00 | $5,600.00 |
| B. SOUTHSIDE | | | | | | |
| FIRST HALF | $12,000.00 | $13,500.00 | $16,990.00 | $18,000.00 | $11,385.00 | $11,600.00 |
| SECOND HALF | $9,000.00 | $9,200.00 | $15,010.00 | $14,000.00 | $11,385.00 | $8,000.00 |
| C. INSTALLATION OF ADDITIONAL GROUNDWATER MONITORING WELL (IF NECESSARY) | EXCEPTION | $1,300.00 ASSUMES A DEPTH OF 30 FEET WITH A 4-FOOT WELLPAD | $2,500.00 | $4,000.00 | WILL BE BID OUT TO THREE BONDED WATER WELL DRILLERS | $9,800.00 |
| 2. METHANE MONITORING/EVENT | | | | | | |
| A. NORTHSIDE | $500.00 | $775.00 | $1,090.00 | $500.00 | $550.00 | $680.00 |
| B. SOUTHSIDE | $750.00 | $800.00 | $1,180.00 | $500.00 | $550.00 | $780.00 |
| C. INSTALLATION OF ADDITIONAL METHANE MONITORING WELL (IF NECESSARY) | EXCEPTION | $850.00 ASSUMES A DEPTH OF 30 FEET WITH A 4-FOOT WELLPAD | $1,350.00 | $3,500.00 | WILL BE BID OUT TO THREE BONDED WATER WELL DRILLERS | $7,200.00 |
| 3. METHANE REMEDIATION FEASIBILITY PLAN | $5,000.00 | $6,475.00 INCLUDES TIME ON SITE | $9,500.00 | $3,000.00 | $6,120.00 | $6,500.00 |
| 4. GREENHOUSE GAS (GHG) REPORTING REPORT | $6,000.00 | $6,900.00 | $5,250.00 | $3,500.00 | UNDER 25,000 TON/YEAR $1,500.00 OVER 25,000 TON/YEAR $4,500.00 | $2,200.00 |
| 5. PREPARATION OF MINOR MODIFICATION REQUEST TO PERMIT FOR BOUNDARY MODIFICATION | $20,000.00 | $4,500.00 | $6,330.00 | $7,000.00 | $3,800.00 INCLUDES SURVEY BY REGISTERED SURVEYOR | $8,250.00 |
| 6. GENERAL ENGINEERING & ENVIRONMENTAL SERVICES | | | | | | |
| A. PRINCIPAL | $95.00 | $125.00 | $180.00/HR | | $126.00 | $150.00/HR |
| B. PROJECT MANAGER (QUALIFIED PG/PE) | $85.00 | $105.00 | $150.00/HR | | $112.00 | $120.00/HR |
| C. ENVIRONMENTAL SCIENTIST | $65.00 | $70.00 | $105.00/HR | | $85.00 | $75.00/HR |
| D. ENVIRONMENTAL ENGINEER | $65.00 | $80.00 | $105.00/HR | | $90.00 | $100.00/HR |
| E. FIELD TECHNICIAN | $55.00 | $65.00 | $53.00/HR | | $42.00 | $60.00/HR |
| **TOTAL COST:** | **$59,250.00** | **$57,750.00** | **$73,570.00** | **$58,500.00** | **$46,910.00** | **$49,210.00** |

**THE TOTAL COST LISTED ABOVE EXCLUDES THE COST OF THE MONITORING WELLS.**

ATLANTA COAST CONSULTING, INC. PROVIDED A YEARLY COST FOR METHANE MONITORING INSTEAD OF A PER EVENT COST. THIS CHARGE HAS BEEN CORRECTED TO REFLECT THE PER EVENT COST.

**MEMORANDUM**

**DATE:** November 2, 2010

**TO:** Tim Jones, Director of Purchasing

**FROM:** Vanessa Birrell, Director of Stormwater Management
Stormwater Management Department

**SUBJECT:** Staff Recommendation of Professional Environmental and Engineering Services Request for Proposal #P764

The Stormwater Management staff reviewed proposals from six companies to conduct professional environmental services for environmental permit compliance at the two closed county-owned landfills. Staff recommends that the contract be awarded to Jacobs Engineering Group, Inc. These services are essential to maintain compliance with the state requirements for solid waste management.

Each proposal was scored in accordance with the evaluation criteria established in the RFP and listed below. After reviewing the proposals, staff selected Jacobs Engineering Group for the following reasons:

- *Project Understanding* – The Jacobs proposal committed to conducting all compliance tasks with the goal of minimizing long range monitoring expenses. Details of proposed work indicated a commitment to providing timely reporting to both the County and EPD.
- *Technical Approach* – Jacobs narrated detailed technical approaches to minimize monitoring through cost-effective system upgrades.
- *Experience and Qualifications* – References provided in the Jacobs proposal confirm the project team's experience with landfills similar in character to Fayette County and with EPD personnel who oversee the County's permit. Past work history indicates timely project completion within budgets.
- *Cost* – Of the six proposals Jacobs was the 2nd lowest bid. The next lowest proposal was approximately five percent less ($5,230) based on 12-month annual expenses. The lowest bidder did not include the added cost benefits of negotiating with EPD to reduce landfill inspections and reporting requirements; providing historical data analysis in studying methane remediation; or providing minor modification reports to EPD upon any monitoring system upgrade modifications.

Cc: Tony Parrott, Division Director Utility Services

| | Hayes | Jacobs | AEM | ACC | ATC | GEC |
|---|---|---|---|---|---|---|
| GWI | 0 | 9 | 0 | 8 | 12 | 4 |
| MWI | 0 | 9 | 0 | 8 | 12 | 4 |
| General Services | 5 | 9 | 8 | 5 | 10 | 4 |
| GHG | 6 | 18 | 2 | 10 | 6 | 9 |
| MRFP | 8 | 8 | 11 | 11 | 8 | 10 |
| SSGW2 | 9 | 24 | 10 | 9 | 20 | 6 |
| NSGW1 | 11 | 21 | 11 | 9 | 19 | 4 |
| NSGW2 | 11 | 22 | 11 | 9 | 18 | 7 |
| NSMM | 11 | 21 | 10 | 11 | 17 | 10 |
| SSGW1 | 12 | 22 | 9 | 10 | 20 | 5 |
| SSMM | 12 | 21 | 8 | 11 | 17 | 10 |
| MMR | 13 | 7 | 4 | 8 | 10 | 6 |
| **TOTAL** | **98** | **191** | **84** | **109** | **169** | **79** |
| **Cost** | **$ 46,910** | **$ 49,210** | **$ 59,250** | **$ 73,570** | **$ 57,750** | **$ 58,500** |

| | | |
|---|---|---|
| Hayes | AES | No response to GWI or MMI. AVG $7625 |
| Jacobs | Test America | 9 EPD contacts relating to Fayette County Landfills. |
| **AEM** | Accura Analytical | No response to GWI or MMI. MMR higher due to SSAR. |
| **ACC** | Test America | Highest price. |
| **ATC** | AES | Good understaning and qualifications. |
| **GEC** | ESC Lab Services | No narrative outlining project understanding. |

*** Possible 276 points**