COUNTY DEPARTMENT AGENDA REQUEST

Department:	Solid Waste	Presenter(s):	Vanessa Birrell
Meeting Date:	Thursday, March 8, 2012	Type of Request:	Old Business

Wording for the Agenda:

Consideration of staff's recommendation to renew Proposal No. P764 to Jacobs Engineering Group Inc. to conduct post-closure environmental monitoring and compliance activities at the two closed Fayette County solid waste facilities on First Manassas Mile Road for a 12-month period, in an amount not to exceed $80,270.

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 included on-going semi-annual groundwater and monthly methane monitoring; additional installation of a methane system (if needed); a greenhouse gas report required by federally-mandated regulations and preparation of a minor modification request for the northside permit boundary modification.

Six firms responded to this RFP. Each proposal was evaluated on project understanding, technical approach, qualifications and cost criteria established in the RFP. The bid was approved by the Board and became effective February 23, 2011.

Modifications to the methane monitoring frequency and network from monthly monitoring conducted under this contract are still being revised by Jacobs in concert with EPD. The Northside permit boundary modification task has not been initiated due to inconsistent methane readings in perimeter wells.

What action are you seeking from the Board of Commissioners?

Staff is asking the Board to renew Contract P764 to Jacobs Engineering Group Inc. for an not-to-exceed amount of $80, 270 for a 12-month period to conduct post-closure environmental monitoring and compliance activities.

If this item requires funding, please describe:

Funding for this proposal will come from Solid Waste host fee collections.

Has this issue come before the Commissioners in the past?	Yes	If so, when?	9/28/2011
Do you need audio-visual for the presentation?	No	Back-up Material Submitted?	Yes

STAFF USE ONLY

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

Staff Notes:

Fayette County
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To: Jack Krakeel, County Administrator
Tony Parrott, Division Director, Utility Services

From: Vanessa Birrell, Director
Stormwater Management Department

Date: February 23, 2012

Subject: Staff Recommendation to Renew Contract P764

Contract P764 to conduct professional environmental services for environmental permit compliance at the two closed county-owned landfills provides essential services to maintain compliance with state environmental requirements for solid waste post-closure permit compliance.

In late 2010 an RFP was issued for environmental permit compliance services. Jacobs Engineering was awarded the bid after evaluating six proposals in accordance with criteria established in the RFP.

Jacob's has carried through their stated commitment to conduct all compliance tasks with the goal of minimizing long range monitoring expenses. Inspections have been reduced from monthly to quarterly. Additionally, institutional knowledge gained from a detailed review of the long, convoluted and sparsely documented landfill history allowed Jacobs to gain approval from EPD to reduce the Southside methane monitoring network by 17 wells. Below is the modified table from the Revised Methane Monitoring Plan implemented in 2008.

COMPLIANCE	~~**INFORMATION**~~	~~**OTHER**~~
MM-1	~~MM-4~~	~~AMW-4~~
MM-2	~~MM-5~~	~~AMW-5~~
MM-3	~~MM-6~~	~~AMW-6~~
MM-4A	~~MM-7~~	~~AMW-7~~
MM-5A	~~MM-8~~	~~AMW-8~~
MM-11	~~MM-9~~	~~AMW-9~~
MM-12	~~MM-10~~	~~AMW-10~~
MM-13		~~AMW-11~~
MM-22		~~AMW-12~~
MM-23		~~AMW-14~~
MM-24		

In addition, Jacobs has been successful in negotiating alternate approaches to EPD that have eliminated the need to install a replacement groundwater well for AMW-11 and a new methane well near the property boundary at MM-21 (located on the Southside Landfill). Both of these negotiations performed by Jacobs have saved the County over $10,000.

Finally, methane readings, or lack thereof, from MM-11 and MM-12 after the two mitigation systems were recently brought on line have brought the Southside permit into compliance for the first time since at least 1995. These systems were designed and installed under Contract Addendums 1 and 2, which are both currently 30 percent under the not –to-exceed amount.

All tasks with the exception of the permit boundary modification on the Northside have been performed on time and within budget. The Northside permit boundary modification task has not been initiated due to inconsistent perimeter methane readings that could affect the modification. Jacobs will perform all tasks for this renewal period as was originally specified in their proposal with the exception of the greenhouse gas reporting report for a not-to-exceed amount of $80,270.