COUNTY AGENDA REQUEST

Department:	Water System	Presenter(s):	Tony Parrott
Meeting Date:	Thursday, September 13, 2012	Type of Request:	New Business

Wording for the Agenda:

Consideration of the Water Committee's recommendation to award an Environmental 404 study for the dredging project at Lake Peachtree to Kennedy Engineering & Associates Group, at an estimated cost of $23,627.32, and to authorize the Chairman to sign the contract and related documents contingent upon the County Attorney's review.

Background/History/Details:

Before dredging Lake Peachree begins, a basic evaluation needs to be provided to the Army Corps of Engineers that details the project and its impacts from an environmental standpoint. The Army Corp of Engineers will then conduct their evaluation and determine if there is a need for an individual permit or whether the project is exempt from further analysis.

Mallett Consulting has contacted Kennedy Engineering & Associates Group who has provided a detailed proposal. Kennedy & Associates fee to conduct the initial evaluation and preconstruction notification is $9,156.02. If it is determined that an individual permit is required, the County will be charged an additional $10,476.30.

There is a contingency item (a protected mussel survey at two locations in Flat Creek and two tributaries entering the lake), and it is unclear whether the Army Corps of Engineers will require it. If the Corps requires the contingency item, there will be an additional cost to the County of $3,995.00.

If everything is required, the total cost to Fayette County will be $23,627.32.

What action are you seeking from the Board of Commissioners?

Approval of the Water Committee's recommendation to award an Environmental 404 study for the dredging project at Lake Peachtree to Kennedy Engineering & Associates Group, at an estimated cost of $23,627.32, and to authorize the Chairman to sign the contract and related documents contingent upon the County Attorney's review.

If this item requires funding, please describe:

Funds are available in the Lake Peachtree Dredging Fund with a balance of $1,036,130.84 on 9/6/2012.

Has this request been considered within the past two years?	No	If so, when?	
Is Audio-Visual Equipment Required for this Request?*	No	Backup Provided with Request?	Yes

**** All audio-visual material must be submitted to the County Clerk's Office no later than 48 hours prior to the meeting. It is also your department's responsibility to ensure all third-party audio-visual material is submitted at least 48 hours in advance.***

Approved by Finance	Yes	Reviewed by Legal	
Approved by Purchasing	Not Applicable	County Clerk's Approval	Yes
Administrator's Approval	Yes		

Staff Notes:

Lake Peachtree Dredging
Fayette County, Georgia
Environmental Permitting
08-16-2012

Labor	Hours	Rate	Total
Environmental Permitting - PCN (Attachment 1)			
Principal	2	$ 219.40	$438.80
Environmental Group Leader	5	$ 162.81	$814.04
Senior Ecologist	82	$ 75.34	$6,177.51
Historian	13	$ 100.44	$1,305.68
Total Labor	**102**		**$8,736.03**
Other Direct Costs (ODCs)			**Total**
GPS Unit Rental ($100/day)	3	$100.00	$300.00
Roundtrip Travel to Project Site Review (70 mile x 2 visits)	140	$0.50	$70.00
Copies/Postage (flat unit cost for paper, printing and postage)	1	$50.00	$50.00
Total ODCs			**$420.00**
TOTAL - Environmental Permitting - PCN			**$9,156.03**
Environmental Permitting - Individual Permit (Attachment 2)			
Principal	2	$ 219.40	$438.80
Environmental Group Leader	4	$ 162.81	$651.23
Senior Ecologist	123	$ 75.34	$9,266.27
Historian	0	$ 100.44	$0.00
Total Labor	**129**		**$10,356.30**
Other Direct Costs (ODCs)			**Total**
Roundtrip Travel to Project Site Review (70 mile x 2 visits)	140	$0.50	$70.00
Copies/Postage (flat unit cost for paper, printing and postage)	1	$50.00	$50.00
Total ODCs			**$120.00**
TOTAL - Environmental Permitting - Individual Permit			**$10,476.30**
Environmental Permitting - Aquatic Survey (Attachment 3)			
[*CONTINGENCY ITEM*] Protected Mussel survey at two locations in Flat Creek and two major tributaries entering the lake. This task will only be completed if requested by the USACE or FWS and approved by the County/City. Please refer to the attached estimate for additional details.	1	$3,995.00	$3,995.00
TOTAL - Environmental Permitting - Aquatic Survey			**$3,995.00**
GRAND TOTAL - ALL SERVICES			**$23,627.32**

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& ASSOCIATES GROUP LLC

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Attachment 1 - Tasks and Hour Estimate

Lake Peachtree Dredging
Fayette County, Georgia
Environmental Permitting - PCN
08-16-2012

Task	Hours			
	Principal	Environmental Group Leader	Senior Ecologist	Historian
Scoping Study Document				
Admin/Management	2	5		
Desktop research			8	4
Field review			20	5
Agency Coordination			10	
History Memo				4
SBV			20	
PCN submittal			24	
TOTAL HOURS	**2**	**5**	**82**	**13**

Assumptions:

Desktop Research includes: finding known occurences of protected species, obtaining and examining maps for water resources (National Wetland Inventory, Floodplain, Drainage, Soils, etc), lists of properties on National Historic Register, list of potential 4(f) properties, etc.

Field Review includes: site visit (2 days for ecology, 1 day for hisotry), identification/delineation of resources in the vicinity of the lake, flagging of all resources, survey grade GPS location of all resources, processing of GPS data, travel time, etc.

Agency Coordination includes: meetings with the US Army Corps of Engineers and Georgia EPD, and possible site visit with agencies

SBV includes: document preperation and submittal for the stream buffer variance from Georgia EPD

PCN submittal includes: document preperation and submittal (PCN form, cover letter, ecology memo, history memo, maps and diagrams, clean water certification, coordination with the US Army Corps of Engineers

This assumes an aquatic survey is not required for the PCN.

This assumes an individual permit is not required for this project and no significant resources are found (such as protected species, historic structures, etc.). [see addtional services for cost of completing individual

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Attachment 2 - Tasks and Hour Estimate

Lake Peachtree Dredging
Fayette County, Georgia
Environmental Permitting - Individual Permit
08-16-2012

Task	Hours			
	Principal	Environmental Group Leader	Senior Ecologist	Historian
Scoping Study Document				
Admin/Management	2	4		
Additional Field review			10	
Agency Coordination			25	
Prepare Draft Study document			48	
Prepare Final Study document			40	
TOTAL HOURS	**2**	**4**	**123**	**0**

Assumptions:

Field Review includes: second site visit (1 day) to collect any additonal data as requested by the USACE, travel time, etc.

Agency Coordination includes: meetings with the US Army Corps of Engineers, US Fish and Wildlife Service, and Georgia EPD, and possible site visit with agencies

Draft and Final Study Document includes: document preperation and submittal (jurisdictional determination, Stand along 404(b)(1) analysis, cover letter, ecology memo, history memo, maps and diagrams, clean water certification), coordination with the US Army Corps of Engineers

This assumes the US Army Corps of Engineers does not require any additional surveys need to be done (archaeology, full history report, etc.).

CCR ENVIRONMENTAL, Inc.
3772 PLEASANTDALE ROAD, SUITE 150 ATLANTA , GEORGIA 30340
TEL: 770-458-7943 TEL: 770-458-7944 FAX: 770-458-2454

Attachment 3

August 16, 2012

PROTECTED MUSSEL SURVEY
LAKE PEACHTREE DREDGING PROJECT
FAYETTE COUNTY, GEORGIA
KEA, LLC

WORK PLAN

Dredging is being proposed in Lake Peachtree and its tributaries. There is a concern that this dredging may impact federally protected mussel species. The purpose of this survey is to determine the absence/presence of any federally protected mussel species or their suitable habitat. This survey will assess the following locations: 1) Flat Creek downstream of the dam for a distance of at least 1000 feet; 2) Flat Creek in the upper reach of the lake where suitable habitat is present and that may be dredged; 3) two major tributaries entering Lake Peachtree from the northwest and east where suitable habitat is present and that may be dredged. The study will include a literature review, field survey, and report of findings.

COST BID

Labor -
Senior biologist - 20 hrs. @ $100/hr. = $2000
Staff biologist - 28 hrs. @ $65/hr. = $1820
Total = $3,820

Equipment and Expenses (includes equipment rental, mileage, copying, etc.) -
TOTAL EQUIPMENT AND EXPENSES = $175

Total Lump Sum Bid for Survey = $3,995

These costs have been calculated and presented as a lump sum bid. Additional or out-of-scope work will be billed at an hourly rate of $100 per hour for senior biologist and $65 per hour for staff biologists, respectively, plus expenses. No additional or out-of-scope work will be performed unless authorized by the client.

Your acceptance of this proposal may be indicated by signing in the space provided below. Payment terms are 30 days upon receipt of invoice.

ACCEPTANCE OF PROPOSAL AND AUTHORIZATION TO PROCEED

Authorized By:

Title:

Firm Name:

Date: