COUNTY DEPARTMENT AGENDA REQUEST

Department:	Fayette County Water System	Presenter(s):	Tony Parrott
Meeting Date:	December 10, 2009	Type of Request:	New Business

Wording for the Agenda:

Approval of Water Committee recommendation to award the bid for the construction of the Lake McIntosh Water Reservoir Project to Brad Cole Construction in the amount of $7,932,434.82.

Background/History/Details:

What action are you seeking from the Board of Commissioners?

Vote to award the bid for the construction of the Lake McIntosh Water Reservoir Project to Brad Cole Construction in the amount of $7,932,434.82.

If this item requires funding, please describe:

Has this issue come before the Commissioners in the past?		If so, when?	
Do you need audio-visual for the presentation?		Back-up Material Submitted?	

STAFF USE ONLY

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

Staff Notes:

Lake McIntosh Dam and Reservoir

Lake McIntosh is a 650 acre drinking water reservoir to serve Fayette County through the projected growth past 2030. The reservoir will provide up to 10.4 million gallons a day of water to be treated at the Water System's Crosstown Water Treatment Plant in Peachtree City for Fayette County customers. Fayette County has been issued a Section 401 Surface Water Withdrawal Permit by the Georgia Department of Natural Resources for an average annual dependable reservoir yield of 10.4 MGD (Permit No. 056-1102-09). The project has also received a Section 404 Permit issued by the U.S. Army Corps of Engineers (Permit No. 200115230). Additional permits received to date include a Stream Buffer Variance issued by the Georgia Department of Natural Resources - Environmental Protection Division and dam classification by Georgia Department of Natural Resources. The Safe Dams Program has approved the construction plans submitted by Mallett Consulting, Inc.

Lake McIntosh has been an option for a water supply since the early 1970's when the project was started by the developer of Peachtree City. It became an option for the County in 1978, but Lake Kedron was constructed instead. Lake McIntosh was considered again in the late 1980's but because of the wetlands and environmental concerns, Lake Horton was constructed. The Water System has expended over $7,000,000.00 in land purchases, mitigation sites and wetland credits, studies and consultants so far. The Water System had the marketable timber removed from the site, an archeologist completed the artifact recovery on one site, and United States Geological Survey (USGS) installed stream monitors. In July the Board approved a revenue bond for $16,500,000.00 to pay for the dam and reservoir, pump station, and mitigation site construction and wetland credits.

The Water System prequalified bidders to help streamline the process and the bids were publicly opened Thursday December 3, 2009 at the Water System office. Brad Cole Construction was low bidder with a total low bid of 8,236,255.12. Construction on the project could start in January 2010.

LAKE McINTOSH DAM & RESERVOIR
FOR FAYETTE COUNTY, GEORGIA

BID DATE: DECEMBER 3, 2009
BID TIME: 2:00PM

NAME OF BIDDER	TOTAL BASE BID	ADDITIVE ALTERNATE
1. REYNOLD'S INC.	7,989,725.00	268,000.—
2. BRAD COLE	7,932,434.82	300,820.30
3. N. GA CONCRETE	8,232,661.00	338,000.—
4. GARY'S GRADING	8,986,955.08	345,000.—
5.		
6.		

LAKE McINTOSH DAM & RESERVIOR
FAYETTE COUNTY, GEORGIA

BID TABULATION

BID DATE: DECEMBER 3, 2009

ITEM #	DESCRIPTION	UNIT	EST. QUANTITY	BRAD COLE CONSTRUC. UNIT PRICE	BRAD COLE CONSTRUC. TOTAL PRICE	REYNOLDS INC. UNIT PRICE	REYNOLDS INC. TOTAL PRICE	N. GEORGIA CONCRETE UNIT PRICE	N. GEORGIA CONCRETE TOTAL PRICE	GARY'S GRADING UNIT PRICE	GARY'S GRADING TOTAL PRICE	
1	Clearing and grubbing	L.S.	L.S.	L.S.	$ 895,840.00	L.S.	$ 1,045,000.00	L.S.	$ 968,310.00	L.S.	$ 150,000.00	
2	Construction of earthen dam, complete	L.S.	L.S.	L.S.	$ 5,567,912.22	L.S.	$ 5,650,000.00	L.S.	$ 6,068,060.00	L.S.	$7,392,805.08	
3	Excavation of unsuitable materials for preparation of dam foundation	C.Y.	100,000	$ 7.46	$ 746,000.00	$ 5.45	$ 545,000.00	$ 5.10	$ 510,000.00	$ 7.50	$ 750,000.00	
4	60" dia. Concrete pressure pipe complete	L.S.	L.S.	L.S.	$ 209,867.60	L.S.	$ 291,000.00	L.S.	$ 228,966.00	L.S.	$ 372,500.00	
5	Rock excavation, complete	C.Y.	500	$ 11.00	$ 5,500.00	$ 11.00	$ 5,500.00	$ 10.15	$ 5,075.00	$ 50.00	$ 25,000.00	
6	Surface cleaning and prep of rock for placement of fill, grouting or dental concrete, complete	S.Y.	7500	$ 20.41	$ 153,075.00	$ 2.55	$ 19,125.00	$ 6.75	$ 50,625.00	$ 2.50	$ 18,750.00	
7a	Rock Surface Repair by Slurry Grouting, Complete	C.Y.	200	$110.23	$ 22,046.00	$270.00	$ 54,000.00	$290.00	$ 58,000.00	$260.00	$ 52,000.00	
7b	Rock Surface Repair by Dental Concrete, Complete	C.Y.	200	$123.47	$ 24,694.00	$216.00	$ 43,200.00	$290.00	$ 58,000.00	$209.00	$ 41,800.00	
8	Sand Foundation Drain, Complete	S.Y.	700	$ 75.00	$ 52,500.00	$117.00	$ 81,900.00	$ 43.75	$ 30,625.00	$113.00	$ 79,100.00	
9	Allowance for Permanent Project Signage (Monumen	L.S.	L.S.	L.S.	$ 5,000.00	L.S.	$ 5,000.00	L.S.	$ 5,000.00	L.S.	$ 5,000.00	
10	Allowances per Special Conditions	L.S.	L.S.	L.S.	$ 250,000.00	L.S.	$ 250,000.00	L.S.	$ 250,000.00	L.S.	$ 250,000.00	
	TOTAL BASE BID				**$ 7,932,434.82**		**$ 7,989,725.00**		**$ 8,232,661.00**		**$9,136,955.08**	*
	ADDITIVE ALTERNATE											
A1	Provide and Install 10' wide x (nominal) 200' Clear span, Continental Connector weathering Steel Bridge (or approved equal), Complete	L.S.	L.S.	L.S.	$ 300,820.30	L.S.	$ 268,000.00	L.S.	$ 338,000.00	L.S.	$ 345,000.00	

* Corrected due to math error