COUNTY AGENDA REQUEST

Department:	Water System	Presenter(s):	Steve Rapson
Meeting Date:	Thursday, October 24, 2013	Type of Request:	Consent

Wording for the Agenda:

Approval of staff's request to authorize Tank Pro, Incorporated to install a ladder inside both the Ellis Road water tower and the Highway 92 water tower for safe access to each tank's interior, at an aggregate cost of $29,224.00, to be funded from Renewal and Extension Fund Account.

Background/History/Details:

Tank Pro, Inc, was awarded a bid to clean and inspect five (5) Fayette County water tanks in compliance with the American Waterworks Association Standards C652 for disinfection of water storage tanks.

Upon commencement of this work, it was discovered that neither Ellis Road or Highway 92 had ladders installed in the tank's interior. The absence of these ladders presents a safety issue thus qualifies as an emergency repair.

Tank Pro has provided a quote of $14,612 for a ladder installation at the Ellis Road tank site. A second ladder installation at Highway 92 brings the total funding needed to $29,224.

What action are you seeking from the Board of Commissioners?

Approval of staff's request to authorize Tank Pro, Incorporated to install a ladder inside both the Ellis Road water tower and the Highway 92 water tower for safe access to each tank's interior, at an aggregate cost of $29,224.00, to establish a budget for this purpose, to transfer funds from the Renewal and Extension account, and to authorize the County Manager to execute said contract and related documents.

If this item requires funding, please describe:

Funds are available in the Renewal and Extension account to transfer to a budget to be established for this purpose.

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	Yes	County Clerk's Approval	Yes
Administrator's Approval			

Staff Notes:

Finance - Renewal and Extension Fund Account balance as of the end of September 2013 is $5.5 million.

Fayette County
"Where Quality Is a Lifestyle"
Purchasing Department
140 Stonewall Avenue West, Ste 101
Fayetteville, Georgia 30214
Phone: 770-305-5420
www.fayettecountyga.gov

To: Steve Rapson

From: Ted L. Burgess

Date: October 14, 2013

Subject: Water Tank Ladders

The Water System owns and uses five above-ground storage tanks as part of the water distribution system. The locations are as follows:

Location	Capacity
Twin Tanks Road, Peachtree City	1 million gallons
Twin Tanks Road, Peachtree City	250,000 gallons
Crabapple Lane, Peachtree City	2 million gallons
Highway 92 North, Fayetteville	2 million gallons
Ellis Road, Fayetteville	2 million gallons

Water tanks must periodically be cleaned and inspected. The Purchasing Department requested bids for qualified companies for the following services, to be done in compliance with American Waterworks Association (AWWA) Standards C652 for disinfection of water storage tanks:

- **Interior of tanks**: Wash and disinfect the interior of each tank. Inspect the tank, and provide a written report that recommends any repairs, maintenance, or other work that is needed.
- **Exterior of tanks**: Inspect the tanks' exterior, and provide a written report that recommends any repairs, maintenance, or other work that is needed.

The Department requested quotes from five directly notified companies, while an additional 28 vendors were notified through the Internet-based Georgia Procurement Registry. Tank Pro, Inc. of Northport, Alabama submitted the lowest of three price quotes received. They quoted $2,235 per tank, for a total of $11,175. Tank Pro was awarded the work for all five tanks.

Prior to commencement of the work, it was found that the tanks at Ellis Road and Highway 92 do not have ladders installed in their interiors. In a letter dated October 9, 2013, Tank Pro said the absence of ladders could result in injury to their employees, or damage to Water System electrical equipment. They explained that the ladders are typically not installed in northern climates, because ice formation creates challenges; however, they are installed in the majority of water tanks in warmer climates for the safety of workers. The Ellis Road unit is a 2 million gallon tank, and it is important to clean, inspect, and place it back on line as quickly as possible. While the Highway 92 tank is also a 2 million

gallon tank, the Water System felt that a ladder could be procured for it through normal purchasing procedures.

Tank Pro happened to have a ladder available, which had been made for another customer. They offered to install it in the Ellis Road tank for $14,612. This is being done on an emergency procurement basis, as is authorized by Policy and Procedures #250.01, "Purchasing – Procuring Goods / Services." I support this action.

To pay for the ladders, funds will need to be transferred from the Renewal and Extension Funds account, if the Board approves. It is anticipated that the ladder for the Highway 92 tank should cost about the same as the ladder for the Ellis Road tank. This would bring the total needed transfer to approximately $29,224.

TANK PRO INC.

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P.O. Box 2669 • Tuscaloosa, Alabama 35403
Phone: (205) 750-0444 • 1 888 621-8896
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October 9, 2013

Mr. Russell Ray
Fayette County Water Systems
245 McDonough Road
Fayetteville, GA 30214

Re.: 2MG Hydropillar
Change Order Request/Proposal #001

Dear Mr. Ray,

As you are aware, Tank Pro mobilized the washout and inspection crew to the 2MG elevated storage tank yesterday 10/8/13 as scheduled. Upon climbing the tank in preparation for access to the interior wet portion of the tank, it was discover that an interior access ladder was not installed in the tank by the Tank Erection Company. At this time, the only access port into the tank is a pressure sealed man way located on the floor of the tank that remains under hundreds to thousands of gallons of water and silt. It is an unsafe situation to try and work off of ladders and pry this man way open. The force of the water could injury our employees or potentially damage the electrical equipment located at the base of the tanks interior dry area. We cannot put our employees, company, or your property at risk with this unsafe method. We require safe access be provided by the owner to enter into the tank(s). This is a very unusual situation as 99.9% of elevated water tanks have safe access into the interior wet portion of tanks.

I currently have on a trailer, steel tank ladder that meets AWWA and OSHA standards. This ladder has been shop blasted to SSPC SP10 Near White Blast and primed with Tnemec 91H20 Zinc based primer that is NSF approved. I am willing to delay my project that ladder was fabricated for and use this ladder to install in your tanks interior to provide safe access. We can install this ladder on Friday 10/11/13 and apply to coats of Tnemec Series 20 epoxy over the weekend, which would require access on Saturday and Sunday. We will also power tool clean the interior dry riser where the coating will be burnt from the ladder installation and apply one coat of Tnemec Series 22, a 100% solids epoxy.

The cost to install the ladder and make the required paint repairs will be $14,612.00. This will allow for safe access and in the event an emergency rescue is ever needed, safe access will be available for all. I have the materials and staff in line to execute this repair; however we need an immediate response as we are allowing materials and employees for other projects be used for this repair and ladder install. We feel with a 2MG Tank empty, you deserve the immediate attention.

Robert Anderson
V. P. Operations
Tank Pro, Inc