

MEMORANDUM

To: R. David Laurell, County Administrator *R. David Laurell* 1/7 BOS

From: G. Michael Damron, P.E., CCUSA Administrator

Subj. AGENDA ITEM – Authorization of Expenditure - Rustburg to Concord Water Line Contract (10 minutes)

Date: December 19, 2007

BACKGROUND:

At the June 18, 2007 Board of Supervisor meeting, the Board authorized the expenditure of \$5,601,100 for the design and construction of the Route 24 water line from Rustburg to Concord. At that time, the Engineer’s estimate for the water line construction portion of the project was \$4,297,150. The cost estimate for the Rustburg water tank was \$363,000 and the cost estimate for the Concord water tank was \$569,250. The Engineering design cost was estimated at \$371,700.

DISCUSSION:

Bids for the water line construction portion of the project and the water tanks were received on December 7, 2007. The water line and the tank bids were separate bids. Seven (7) bids were received for the waterline portion of this project. After reviewing the bids, the Authority’s Engineer, Draper Aden Associates, has recommended that the lowest best bid was submitted by Prillaman and Pace Construction, of Martinsville, VA., in the amount of \$3,071,602. The bidder list and the amounts are as follows:

| | |
|--------------------|-------------|
| Prillaman and Pace | \$3,071,602 |
| Haymes Brothers | \$3,210,639 |
| DLB, Inc. | \$3,219,388 |
| EC Pace | \$3,599,472 |
| F.L. Showalter | \$3,944,990 |
| George E. Jones | \$4,200,400 |
| Counts and Dobyns | \$4,437,678 |

At the Authority's December 13, 2007 Special Meeting, the Board formally approved awarding the water line construction to Prillaman and Pace construction pending final funding approval from the Board of Supervisors.

The design of the water storage tanks was specified with long-term durability and reduced maintenance in mind. A glass-lined tank on concrete pedestal was specified. Mid-Atlantic Storage submitted the lone bid on the Rustburg and Concord water tanks. The bid for both water storage tanks was \$1,880,700. This was substantially more than the original estimates. At this time, it appears that the original quote did not include all appurtenances. The Authority is negotiating with Mid-Atlantic storage to confirm all bid items and soliciting quotes from other tank manufacturers. It appears, as of this writing, that the final bid of the tanks would be less than \$1.7 M. An update will be given to the Board at the January 7, 2007 meeting.

CONCLUSION:

The total cost for the project is now projected to be \$3,071,602 for the water line construction, \$1.7M maximum cost for the water tanks with a 10% contingency cost for both, and engineering, is \$5,620,462. This is \$477,000 of contingency. From the original \$5,601,100, this project shows \$19,362 over budget but only if 100% of the contingency is used. There is also an additional \$1.2 M budgeted for the remainder of the waterline construction to 460 and westward to complete the first small loop as previously approved by the Board.

RECOMMENDATION:

It is recommended the Board authorize funding for the water line construction to Concord Elementary School by Prillaman and Pace along Route 24; and, authorize CCUSA to finalize the contract for the construction of the water tanks and engineering costs – Phase I. Total project cost not to exceed \$5,601,100 for the water line and tanks. Additionally, staff is recommending the Board authorize funding for the remaining \$1,200,000 for the US 460 and short westward loop back to Lexington Park – Phase II. Total project expenditures not to exceed \$6,801,100 as previously discussed; with funds to come from \$800,000 in previously budgeted local funds, \$600,000 in funds from the Concord Elementary School project and approximately \$5.4 million in bond funds from a source to be approved by the Board at an upcoming Board meeting for issuance during 2008.