



ARLINGTON COUNTY, VIRGINIA

County Board Agenda Item Meeting of January 21, 2012

DATE: December 23, 2011

SUBJECT: Approve an increase of \$600,000 to Contract No. 74-11 with Norair Engineering Corp. for the Arlington County Water Pollution Bureau (WPCB) Phase 8B Activated Sludge Effluent (ASE) Pipe Replacement to address an unforeseen site condition.

C. M. RECOMMENDATIONS:

1. Approve an increase of \$600,000 to Contract No. 74-11 with Norair Engineering Corp. for a total contract authorization of \$3,462,465, for additional work required due to an unforeseen site condition.
2. Authorize the Purchasing Agent to execute an amendment to the Contract, subject to legal review by the County Attorney.

ISSUE: County Board approval is needed to increase the contract amount.

SUMMARY: This project replaces aging infrastructure, the existing ASE Pipe, with needed upgrades to the line that is in need of repair and modernization. During the initial stage of removal of the existing pipe, it was discovered that the pipe has a coating of asbestos-containing material that requires remediation, abatement, and disposal in accordance with State and Federal requirements. This was not anticipated or included in the bid documents.

BACKGROUND: The construction contract for the Phase 8B ASE pipeline replacement project was authorized at the May 14, 2011 Board Meeting for a contract amount of \$2,862,465. The project will replace approximately 855 linear feet of 60-inch diameter steel pipeline with 48-inch diameter ductile iron pipe. The replacement is needed due to the corrosion of the existing pipeline. The contract work includes construction and removal of temporary bypass piping, fittings and valves, construction of new piping, fittings and valves, construction of ferric chloride injection manholes, and piping, site restoration, and other miscellaneous activities.

County Manager:

County Attorney:

25.

Staff: Lawrence Slattery, Bureau Chief, WPCB

DISCUSSION: After completion of the first stage of work on the project, the installation of bypass piping to allow removal of the existing ASE line, the existing line was exposed, examined, and determined to have an exterior pipe coating that contains asbestos. This contaminate requires a change in the construction means and methods in order to comply with the State and Federal regulations concerning remediation, abatement, and disposal.

Although negotiations with the Contractor are continuing, the maximum cost impacts to the Contract are currently estimated to be on the order of approximately \$900,000. As the existing Contract has a contingency of \$373,365, additional contingency funding of \$600,000 is necessary in order to address this unforeseen site condition, avoid potential delay claims, and have sufficient funding to address other potential contingencies.

FISCAL IMPACT: The Phase 8B ASE Pipe Replacement project is funded by Utilities Fund Paygo and also by contributions from the inter-jurisdictional partners. The account number is 519.437405.43545.ASE.0000.0000.