



City of Columbus

Office of City Clerk
90 West Broad Street
Columbus OH 43215-9015
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Legislation Text

File #: 1280-2014, Version: 1

1. BACKGROUND: This legislation authorizes the Director of Public Utilities to enter into an engineering agreement with Brown and Caldwell, Inc. for the Real Time Control - Alum Creek Storm Tank project. The City has embarked upon its approved Wet-Weather Management Plan (WWMP) dated July 1, 2005. Recently, the City received approval from Ohio EPA to investigate whether it can meet the WWMP goals and future stormwater regulations with the Integrated Solution (IS). As parallel with the integrated planning, the City continues to undertake several projects simultaneously. This project is one of them.

The scope of work for this project is to implement real-time-control (RTC) infrastructures in the collection system near the vicinity of the Alum Creek Storm Tank to reduce combined sewer overflow (CSO) at the Alum Creek Storm Tank and sanitary sewer overflow (SSO) at Roads End (DSR 244), and to optimize conveyance and storage of the collection system.

The components of the project include the addition and/or modification of several infrastructures to the collection system, which include but are not limited to static weirs, operable weir gates and sluice gates, as well as their instrumentation and control system, and necessary flow monitoring devices. This project also includes design of sanitary sewers to increase flow capacity and eliminate DSR 244 activation to 10-year level of service.

2. THE PROJECT TIMELINE: It is anticipated that a Notice to Proceed will be issued on August 1st, 2014. Detailed Design will be completed by August, 2015, land acquisition will be completed by December 2016, and construction will commence March 2017 and be completed by March 2019.

3. PROCUREMENT: The Division advertised for request for proposals (RFP) on the City of Columbus's Vendor Services website and in the City Bulletin in accordance with the provisions of Section 329.14 of Columbus City Codes. The Division of Sewerage and Drainage opened the responding proposals on January 31, 2014 from the following companies:

<u>Name</u>	<u>C.C. No. /</u>	<u>Exp. Date:</u>	<u>City/State</u>	<u>Status</u>
Brown and Caldwell	94-1446346	03/18/2016	Columbus, OH	MAJ
Stantec	11-2167170	11/06/2015	Chicago, IL	MAJ

Based on a review of the proposals the Division is recommending the agreement be awarded to Brown and Caldwell.

4. EMERGENCY DESIGNATION: An emergency designation **is not requested** at this time.

5. CONTRACT COMPLIANCE No.: Brown and Caldwell | 94-1446346 | MAJ | Exp. 03/18/2016

6. ENVIRONMENTAL IMPACT: This project is part of the City's system wide real time control plan which optimizes operations of wastewater treatment plants and reduces overflow throughout the entire collection system. This project will eliminate DSR244 to a 10-year level of service, reduce Alum Creek Storm Tank Combined Sewer Overflow to a typical year, and reduce bypass at the Southerly wastewater treatment plan which have significant environmental benefits both to receiving streams and public health.

7. FISCAL IMPACT:

This ordinance authorizes the Director of Public Utilities to transfer within and expend up to \$748,653.80 in funds from

the Sanitary Sewer System General Obligation Bond Fund, Fund 664 and to amend the 2014 Capital Improvements Budget.

To authorize the Director of Public Utilities to enter into an agreement for professional engineering services with Brown and Caldwell, Inc. for the Real Time Control - Alum Creek Storm Tank project; to transfer within and expend up to \$748,653.80 in funds from the Sanitary Sewer System General Obligation Bond Fund; and to amend the 2014 Capital Improvements Budget. (\$748,653.80).

WHEREAS, the Department of Public Utilities advertised for an RFP on the City of Columbus's Vendor Services website and in the City Bulletin in accordance with the provisions of Section 329.14 of Columbus City Codes for the Real Time Control - Alum Creek Storm Tank project; and

WHEREAS, two companies submitted proposals; they were reviewed and ranked utilizing an evaluation committee and evaluation process and it was recommended that Brown and Caldwell be awarded the engineering agreement; and,

WHEREAS, it is necessary to transfer within and expend up to \$748,653.80 in funds from the Sanitary Sewer System General Obligation Bond Fund, Fund 664; and

WHEREAS, it is necessary to amend the 2014 Capital Improvements Budget for purposes of providing sufficient budget authority for the project expenditure; and

WHEREAS, the Division of Sewerage and Drainage, Department of Public Utilities is requesting that this Council authorize the Director of Public Utilities to enter into a professional engineering services agreement with Brown and Caldwell, Inc. for the Real Time Control - Alum Creek Storm Tank project, at the earliest practical date for the preservation of the public health and safety **Now, Therefore:**

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS:

SECTION 1. That the Director of Public Utilities be, and hereby is, authorized to enter into an engineering agreement with Brown and Caldwell, Inc. 4700 Lakehurst Court, Suite 100, Columbus, Ohio 43016 for the Real Time Control - Alum Creek Storm Tank project, in accordance with the terms and conditions as shown in the agreement on file in the office of the Division of Sewerage and Drainage.

SECTION 2. That the City Auditor is hereby authorized to transfer \$748,653.80 within the Department of Public Utilities, Division of Sewerage and Drainage | Div. 60-05 | Sanitary Sewer General Obligation Bond Fund | Fund No. 664 | Object Level Three 6676 | as follows:

FROM:

Project No. | Project Name | OCA Code | Change

650009-100000 | Real Time Control | 646009 | -\$748,653.80

TO:

Project No. | Project Name | OCA Code | Change

650009-100001 | Real Time Control - Alum Creek Storm Tank | 640901 | +\$748,653.80

SECTION 3: That an expenditure of up to \$748,653.80 is hereby authorized for the Real Time Control- Alum Creek Storm Tank Project, within Dept./Div. 60-05, Project # 650009-100001 (Carryover), OL3 6676, as follows:

Project No. | Project Name | OCA Code | Amount (\$)

650009-100001 | Real Time Control - Alum Creek Storm Tank | 640901 | +\$748,653.80

SECTION 4. That the 2014 Capital Improvements Budget is hereby amended as follows:

<u>Fund No.</u>	<u>Proj. No.</u>	<u>Proj. Name</u>	<u>Current Authority</u>	<u>Revised Authority</u>	<u>Change</u>
650009-100000		Real Time Control (Carryover)	\$1,000,000	\$251,346	(-\$748,654)
650009-100001		Real Time Control - Alum Creek Storm Tank	\$0	\$748,654	+\$748,654

SECTION 5: That the said engineering company Brown and Caldwell Inc., shall perform the work to the satisfaction of the Director of Public Utilities and the Administrator of the Division of Sewerage and Drainage.

SECTION 6. That the City Auditor is hereby authorized to transfer any unencumbered balance in the project account to the unallocated balance within the same fund upon receipt of certification by the Director of the Department administering said project that the project has been completed and the monies are no longer required for said project; except that no transfer shall be made from a project by monies from more than one source.

SECTION 7. That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

SECTION 8. That the City Auditor is authorized to make any accounting changes to revise the funding source for all contracts or contract modifications associated with this ordinance.

SECTION 9. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.