



## Legislation Details (With Text)

**File #:** 1824-2011      **Version:** 1  
**Type:** Ordinance      **Status:** Passed  
**File created:** 10/19/2011      **In control:** Public Utilities Committee  
**On agenda:** 11/21/2011      **Final action:** 11/23/2011

**Title:** To authorize the Director of Public Utilities to enter into a professional engineering agreement with Arcadis US, Inc. for the Comprehensive Water Audit Project; and to authorize an expenditure up to \$347,592.11 within the Water Works Enlargement Voted Bonds Fund; for the Division of Power and Water. (\$347,592.11)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** 1. ORD 1824-2011 Information, 2. ORD 1824-2011 Sub ID

Date	Ver.	Action By	Action	Result
11/23/2011	1	CITY CLERK	Attest	
11/22/2011	1	MAYOR	Signed	
11/21/2011	1	COUNCIL PRESIDENT	Signed	
11/21/2011	1	Columbus City Council	Approved	Pass
11/14/2011	1	Columbus City Council	Read for the First Time	

**1. BACKGROUND:** This legislation authorizes the Director of Public Utilities to enter into a professional engineering agreement with Arcadis US, Inc., in the amount of \$347,592.11, for the Comprehensive Water Audit Project, Division of Power and Water Contract No. 1176.

This project involves a water audit of the water distribution system. It consists of seven (7) major tasks that follow American Water Works Association (AWWA) guidelines. The consultant and sub-consultants will utilize operational data from various divisions within the Department of Public Utilities to identify and quantify sources of non-revenue water and make recommendations to achieve better operational efficiency.

The seven (7) tasks include:

- Validate the production and consumption figures
- Quantify unbilled authorized consumption for 2010
- Quantify water loss
- Assign costs of apparent and real losses
- Calculate performance indicators as detailed in the AWWA M36 Manual
- Compile the water balance for the system and the 13 water service districts
- Provide recommendations to reduce non-revenue water.

The economic impact involved with this project includes the potential increased revenue by reducing sources of loss identified from the audit.

**2. BID INFORMATION:** The selection of the firm providing the professional engineering services has been performed

in accordance with the procedures set forth in Columbus City Code, Section 329.14, "Awarding professional service contracts through requests for proposals." Requests for Proposals (RFP's) were received on June 24, 2011. Arcadis US, Inc.

Only one proposal was received and the consultant, Arcadis US, Inc. met minimum qualifications set forth in RFP, therefore, no scoring criteria was required. Based upon their qualifications and their understanding of the scope of the project Arcadis US, Inc. was selected for this project.

The Contract Compliance Number for Arcadis US, Inc. is 57-0373224 (expires 8/25/13, Majority). Additional information regarding all bidders, description of work, contract time frame and detailed amounts can be found on the attached Information form.

Searches in the Excluded Party List System (Federal) and the Findings for Recovery list (State) produced no findings against Arcadis US, Inc.

**3. FISCAL IMPACT:** Funds for this expenditure are included within the Water Works Enlargement Voted Bonds Fund.

To authorize the Director of Public Utilities to enter into a professional engineering agreement with Arcadis US, Inc. for the Comprehensive Water Audit Project; and to authorize an expenditure up to \$347,592.11 within the Water Works Enlargement Voted Bonds Fund; for the Division of Power and Water. (\$347,592.11)

**WHEREAS**, only one technical proposal for professional engineering services related to a Comprehensive Water Audit was received on June 24, 2011; and

**WHEREAS**, Arcadis US, Inc. was the firm selected to perform the design services as they met the minimum qualifications set forth in RFP as well as their qualifications and understanding of the scope of the project; and

**WHEREAS**, it is necessary to authorize the Director of the Department of Public Utilities to award and execute a professional engineering agreement for the Comprehensive Water Audit Project; and

**WHEREAS**, it has become necessary in the usual daily operation of the Division of Power and Water, Department of Public Utilities, to authorize the Director of Public Utilities to enter into a professional engineering services agreement related to a Comprehensive Water Audit, for the preservation of the public health, peace, property and safety;

**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 a professional engineering agreement for the Comprehensive Water Audit Project, with the most responsive, responsible bidder, Arcadis US, Inc., 1900 Polaris Parkway, Suite 200, Columbus, OH 43240; in the amount of \$347,592.11; in accordance with the terms and conditions of the contract on file in the Office of the Division of Power and Water.

**SECTION 2.** That the expenditure of \$347,592.11 is hereby authorized for the Comprehensive Water Audit Project within the Water Works Enlargement Voted Bonds Fund, Fund No. 606, Division 60-09, Project No. 690290-100002 (carryover), OCA Code 669002, Object Level Three 6677.

**SECTION 3.** 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 4.** That the City Auditor is hereby authorized and directed 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 no longer required for said project; except that no transfer shall be made from a project account by monies from more than one source.

**SECTION 5.** That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

**SECTION 6.** That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.