



Legislation Details (With Text)

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On agenda: 3/13/2017 **Final action:** 3/16/2017

Title: To authorize the Director of Public Utilities to enter into an agreement with Hazen and Sawyer for professional engineering services for the Residuals Management Plan Update; for the Division of Water; to authorize a transfer and expenditure up to \$1,120,100.00 within the Water General Obligations Bonds Fund; and to amend the 2016 Capital Improvements Budget. (\$1,120,100.00)

Sponsors:

Indexes:

Code sections:

Attachments: 1. ORD 0198-2017 Information, 2. ORD 0198-2017 SWIF, 3. ORD 0198-2017 Funding

Date	Ver.	Action By	Action	Result
3/16/2017	1	CITY CLERK	Signed	
3/15/2017	1	MAYOR	Signed	
3/13/2017	1	COUNCIL PRESIDENT	Signed	
3/13/2017	1	Columbus City Council	Approved	Pass
2/27/2017	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 services agreement with Hazen and Sawyer, for the Residuals Management Plan Update, in an amount up to \$1,120,100.00, for Division of Water Contract No. 2061.

Water treatment residuals from the City’s three water treatment plants are sent to the McKinley Avenue quarry for disposal. At some future point, the storage capacity of the quarry will be exhausted and alternative methods of disposal or reuse will be needed to meet the City’s residuals handling needs. This project will update the Division’s 1995 Residuals Management Plan.

The primary objective of the update is to identify long-term solutions for handling and disposal/reuse of treatment residuals generated at the City’s three water treatment plants. Work to be conducted includes engineering planning and study services to: characterize existing residual streams; estimate remaining useful life of current residuals handling methods; identify handling / disposal / reuse options; perform market analysis for beneficial reuse options; develop conceptual designs for selected options to assess suitability and support cost estimating; perform life cycle cost analysis for selected options; develop an implementation roadmap for recommended solutions; and other engineering services as outlined in the scope of services.

The Community Planning Area for this project is “City wide” because the study is related to all three water plants that serve the greater Columbus area.

2. ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT; ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT: Water treatment facilities produce large volumes of residuals on a daily basis that must be continuously disposed of or reused. Any disruption to the residuals handling

operation can result in a shutdown to the water treatment system; thus, residuals handling is a critical component of the City's water supply system. This project is necessary to identify residuals disposal and/or reuse options for the Division's three water treatment facilities so that DOW can continue to provide a long-term and reliable water supply to the central Ohio area.

Public informational meetings may be required as a part of this project, but it will depend on the results and recommendations of the initial Planning Phase. Regulatory agencies will be notified of the proposed work as appropriate.

Options will be examined in this study to determine if the water treatment residuals have an economical and environmentally sustainable reuse.

3. 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, "Awarding professional service contracts through requests for proposals." The evaluation criteria for this contract included: 1. Quality of Proposal, 2. Project Understanding and Approach, 3. Environmental Considerations, 4. Qualifications and Experience, 5. Past Performance, 6. Ability to Perform Expeditiously, 7. and Local Workforce.

On April 15, 2016, the Department received four Request for Proposals (RFP's) from: Hazen and Sawyer, Brown and Caldwell, HDR Engineering, and Stantec Consulting Services.

An evaluation committee reviewed the proposals and scored them based on the criteria mentioned above. The Department of Public Utilities recommends the agreement be awarded to Hazen and Sawyer.

The Contract Compliance Number for Hazen and Sawyer is 13-2904652 (expires 3/4/18, MAJ) (DAX Vendor #000630). Additional information regarding this bidder, 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 Hazen and Sawyer.

4. FISCAL IMPACT: A transfer of funds within the Water G.O. Bonds Fund will be necessary as well as an amendment to the 2016 Capital Improvements Budget.

To authorize the Director of Public Utilities to enter into an agreement with Hazen and Sawyer for professional engineering services for the Residuals Management Plan Update; for the Division of Water; to authorize a transfer and expenditure up to \$1,120,100.00 within the Water General Obligations Bonds Fund; and to amend the 2016 Capital Improvements Budget. (\$1,120,100.00)

WHEREAS, four technical proposals for professional engineering services for the Residuals Management Plan Update Project were received on April 15, 2016; and

WHEREAS, the Department of Public Utilities recommends that the agreement be awarded to Hazen and Sawyer; and

WHEREAS, it is necessary for this Council to authorize the transfer and expenditure of funds within the Water G.O. Bonds Fund, for the Division of Water; and

WHEREAS, it is necessary to authorize an amendment to the 2016 Capital Improvements Budget for the purpose of providing sufficient spending authority for the aforementioned project expenditure; and

WHEREAS, it has become necessary in the usual daily operation of the Division of Water, Department of Public Utilities, to authorize the Director of Public Utilities to enter into a professional engineering services agreement with Hazen and Sawyer for the Residuals Management Plan Update Project; for the preservation of the public health, peace, property 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 a professional engineering services agreement for the Residuals Management Plan Update Project with Hazen and Sawyer, 150 East Campus View Boulevard, Suite 150, Columbus, Ohio 43235; for an expenditure up to \$1,120,100.00; in accordance with the terms and conditions of the agreement on file in the Office of the Division of Water.

SECTION 2. That the transfer of \$320,100.00 or so much thereof as may be needed, is hereby authorized between projects within Fund 6006 - Water G.O. Bonds Fund, per the account codes in the attachment to this ordinance. (There is already \$800k in Fund 6006, CIP P690540-100000.)

SECTION 3. That the 2016 Capital Improvements Budget is hereby amended, in Fund 6006 - Water G.O. Bonds Fund, as follows:

Project ID | Project Name | Current Authority | Revised Authority | Change

P690236-100043 (carryover)	Cooke Rd. Area WL Imp's	\$14,206	\$0	-\$14,206
P690236-100047 (carryover)	Sexton Dr. Area WL Imp's	\$0	\$198,183	+\$198,183
(add authority to match cash)				
P690236-100047 (carryover)	Sexton Dr. Area WL Imp's	\$198,183	\$0	-\$198,183
P690236-100056 (carryover)	Florence Ave. Area WL Imp's	\$0	\$189,260	+\$189,260
(add authority to match cash)				
P690236-100056 (carryover)	Florence Ave. Area WL Imp's	\$189,260	\$81,548	-\$107,712
P690540-100000 (carryover)	Residuals Mgmt. Plan Update	\$0	\$320,101	+\$320,101

(There is already \$800k authority in Fund 6006, CIP P690540-100000.)

SECTION 4. That the expenditure of \$1,120,100.00 or so much thereof as may be needed, is hereby authorized in Fund 6006 - Water G.O. Bonds Fund, in Object Class 06, Capital Outlay, per the accounting codes in the attachment to this ordinance.

SECTION 5. That the funds necessary to carry out the purpose of this Ordinance are hereby deemed appropriated, and the City Auditor shall establish such accounting codes as necessary.

SECTION 6. 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 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.