



Legislation Text

File #: 2486-2015, Version: 1

**1. BACKGROUND:** This legislation authorizes the Director of Public Utilities to enter a professional engineering agreement with Chester Engineers for the Blueprint Columbus - Kent / Fairwood Area project, CIP 650870-101202. The objective of this work is for the City to mitigate overflows of Designed Sewer Relief (DSRs) throughout the City’s system to the 10-year Level of Service (LOS). The City will evaluate and determine if this Level of Service is best achieved with strictly Inflow &Infiltration (I/I) elimination with Green Infrastructure (GI) or in combination with some gray infrastructure.

To accomplish this objective, the scope of work for this project will include all the requisite investigation, evaluation, formulation, and design to produce fully independent construction documents for the remediation of inflow and infiltration (I/I), green infrastructure (GI) technologies and other related activities and or documents necessary for project completion.

It should be noted that this project, and all current and past Blueprint Columbus projects, are heavily “exploratory” in nature. The processes that we are employing are constantly under review and or revision. Thus, a significant amount of general and specific scope revision is common. A perfect example of this is the need for lateral CCTV work (Task A3). After receipt of the proposals for this round of Blueprint Columbus, past Blueprint projects deemed that lateral inspection and field location data was of little value for cost savings. However, no projects containing this feature have been constructed. So, this not considered a final decision and is under review. So, all the associated costs for this portion of Task A3 for this project have not been removed; but changed to an “If Authorized” status. Furthermore, to ensure that costs in this item (Sanitary Lateral CCTV - Item 16) can cover the performance, contingency for these costs are also included in Task A20 “Contingency” (Item 17).

Blueprint Columbus - Kent / Fairwood Area: This project will provide consultation services for the remediation of I/I in the area as requested by the City. It will also conduct field investigations, model and clean all DoSD storm water system facilities in the area, and devise, plan, and produce preliminary design documents for all green infrastructure facilities to accommodate storm water removed from the sanitary system by the I/I remediation efforts.

This project will look at the combination of gray/green solutions to remove/reroute inflow/infiltration from the sanitary sewer to relieve Water in Basements (WIBs) and DSRs in the Blueprint Columbus - Kent / Fairwood Area project area up to the 10-year level of service. A future modification is anticipated.

**2. Project Timeline:** It is anticipated that a Notice to Proceed will be issued December 2, 2015, Detailed Design is projected to be completed by June 2017, land acquisition is projected to be completed June 2019, Construction is projected to commence November 2019 and with a projected completion by November of 2021.

**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 overall provisions of Section 329 of Columbus City Codes. The Division of Sewerage and Drainage opened the responding proposals on January 30, 2015 from the following companies:

<u>Name</u>	<u>C.C. No. /Exp. Date</u>	<u>City/State</u>	<u>Status</u>
ms Consultants	34-6546916/3/07/2016	Columbus	MAJ

Chester Engineers	20-2401674/6/30/2016	Columbus	MBE
CH2M Hill	32-0100027/12/2/2016	Columbus	MAJ
Arcadis	57-0373224/5/14/2017	Columbus	MAJ
OHM	38-1691323/2/16/2016	Columbus	MAJ
DLZ	31-1268980/2/28/2017	Columbus	MBE
CHA	16-0966259/6/17/2017	Columbus	MAJ
EMH&T	31-0685594/9/23/2017	Columbus	MAJ
Black & Veatch	43-1833073/9/22/2017	Columbus	MAJ
Ribway	31-1406579/5/13/2016	Columbus	MBE

Ten companies submitted proposals. These proposals were reviewed and ranked utilizing an evaluation committee and evaluation process. After careful consideration, the committee recommended that Chester Engineers be awarded the engineering agreement for the Blueprint Columbus - Kent / Fairwood Area project.

- This company is not debarred according to the Federal Excluded Parties Listing or the State Auditor's Findings for Recovery Database.
- CONTRACT COMPLIANCE NO.:** 20-2401674 | MBE | EXP 06/30/2016
- EMERGENCY DESIGNATION:** Emergency designation **is not** requested.
- ECONOMIC IMPACT:** The City has embarked upon its approved Wet-Weather Management Plan (WWMP). Currently, that plan is almost entirely comprised of a series of treatment plant capacity upgrades, storage tanks, tunnels, and other piping system augmentations; collectively known as “gray” infrastructure. After approval of the WWMP, the use of more renewable, sustainable, and environmentally friendly systems, commonly referred to as “green” infrastructure, has been recognized and implemented in many communities as a potential solution to many of the elements associated with consent order requirements.

It is anticipated there will be a greater impact to both economic impact and advantages by implementing a group of smaller projects which would be conducive for competition with local suppliers and vendors as opposed to the large scale, previously devised, WWMP projects.

Community and Outreach for the project will be conducted by the City, the selected consultant and the Public Outreach Consultant, Brown and Caldwell, which is currently under contract for this work.

- FISCAL IMPACT:** This ordinance authorizes the appropriation and transfer of \$1,799,990.29 from the Sanitary Sewer Reserve Fund to the Sanitary Sewer General Obligation (G.O.) Bond Fund, Fund 664; to authorize the creation of sufficient budget authority; to authorize the expenditure of up to \$1,799,990.29 from the G.O. Bond Fund, Fund 664 and amend the 2015 Capital Improvements Budget to establish sufficient budget authority for this ordinance. Monies for this contract from the Sanitary Sewer Reserve Fund will be provided from a future Bond Sale via the transfer detailed in this ordinance. Monies for this contract from the Sanitary Sewer Reserve Fund will be provided from a future Bond Sale via the transfer detailed in this ordinance.

To authorize the Director of Public Utilities to enter a professional engineering agreement with Chester Engineers for the Blueprint Columbus - Kent / Fairwood Area project; to authorize the appropriation and transfer of \$1,799,990.29 from the Sanitary Sewer Reserve Fund to the Sanitary Sewer General Obligation (G.O.) Bond Fund and to authorize the expenditure of \$1,799,990.29 from the Sanitary Sewer General Obligation (G.O.) Bond Fund and to amend the 2015 Capital Improvements Budget . (\$1,799,990.29)

**WHEREAS**, the objective of this work is for the City to mitigate overflows of DSRs throughout the City’s system to the

10-year level of service; and

**WHEREAS**, this project will look at the combination of gray/green solutions to remove/reroute inflow/infiltration from the sanitary sewer to relieve WIBs (Water In Basement) and DSRs (Designed Sewer Relief) in the Blueprint Columbus - Kent / Fairwood Area boundary area; and

**WHEREAS**, the City used an RFP process to select Chester Engineers as the engineering firm for this project; and

**WHEREAS**, it is necessary to authorize the appropriation and transfer of funds from the Sanitary Sewer Reserve Fund to the Sanitary Sewer General Obligation (G.O.) Bond Fund

**WHEREAS**, it is necessary for City Council to authorize the expenditure of funds from the Sanitary Sewer System GO Bond Fund, Fund 664; and

**WHEREAS**, it is necessary to transfer funds from the Sanitary Sewer Reserve Fund in the amount \$1,799,990.29 for this project; and

**WHEREAS**, it is necessary to amend the 2015 Capital Improvements Budget for purposes of creating and providing sufficient budget authority for the aforementioned expenditures; and

**WHEREAS**, this transfer should be considered as a temporary funding method; and

**WHEREAS**, the City will sell notes or bonds to fund this project and will reimburse the Sanitary Reserve Fund; and

**WHEREAS**, the City anticipates incurring certain Original Expenditures (as defined in Section 1.150-2(c) of the Treasury Regulations (the "Treasury Regulations") promulgated pursuant to the Internal Revenue Code of 1986, as amended) with respect to the project described in this ordinance (the "Project"); and

**WHEREAS**, the Department of Public Utilities Division of Sewerage and Drainage is requesting that this Council authorize the Director of Public Utilities to enter into an engineering agreement with Chester Engineers for the Blueprint Columbus - Kent / Fairwood Area project at the earliest practical date; **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 a professional engineering agreement with Chester Engineers, 88 East Broad Street, Columbus, Ohio 43215 for the Blueprint Columbus - Kent / Fairwood Area 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 from the unappropriated monies in the Sanitary Sewer Reserve Fund No. 654, and from all monies estimated to come into said fund from any and all sources, and unappropriated for any other purpose during the fiscal year ending December 31, 2015, the sum of \$1,799,990.29 is hereby appropriated to the Division of Sewerage and Drainage: Division 60-05 | OCA Code 655225 | Object Level One 10 | Object Level Three 5502.

**SECTION 3.** That the City Auditor is hereby authorized to transfer and appropriate a total \$1,799,990.29 from the Sanitary Sewer Reserve Fund to the Sanitary Sewer Bond Fund, Fund 664, into the Blueprint Columbus - Kent / Fairwood Area project, CIP 650870-101202, at such time as deemed necessary by the Auditor, or so much thereof as may be necessary in the following manner: Division 60-05 | 641202 | Object Level 06 | Object Level Three 6676

**SECTION 4.** That the 2015 Capital Improvements Budget, Ord. 0577-2015 is amended as follows to provide sufficient budget authority for the project expenditures:

**Fund No. | Project No. | Proj. Name | Current | Revised | (Change)**

664 | 650755-100000 | Third Ave. CSO Increased Capture Green Infrastructure | \$3,150,000 | \$1,350,010 | (-\$1,799,991)  
664 | 650870-101202 | Blueprint Columbus - Kent Fairwood Area | \$0 | \$1,799,991 | (+\$1,799,991)

**SECTION 5.** That the Director of Public Utilities be and hereby is authorized to expend up to \$1,799,990.29 for the Blueprint Columbus - Kent / Fairwood Area project in the following manner for the Div. 60-05 | Obj. Lvl 3 6676:

650870-101202 | Blueprint Columbus - Kent / Fairwood Area project | 641202 | \$1,799,990.29

**SECTION 6.** That the said firm, Chester Engineers, shall perform the work to the satisfaction of the Director of Public Utilities and the Administrator of the Division of Sewerage and Drainage.

**SECTION 7.** 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 8.** That the City Auditor is authorized to establish proper project accounting numbers as appropriate.

**SECTION 9.** 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 10.** That upon obtaining other funds for the purpose of funding sanitary sewer system capital improvement work, the City Auditor is hereby authorized to repay the Sanitary Sewer Reserve Fund the amount transferred above (Section 3), and said funds are hereby deemed appropriated for such purposes.

**SECTION 11.** That the City intends that this Ordinance constitute an "official intent" for purposes of Section 1.150-2(e) of the Treasury Regulations, and that the City reasonably expects to reimburse itself for certain Original Expenditures incurred with respect to the Project from the proceeds of obligations to be issued by the City in a principal amount currently estimated to be \$1,799,990.29 (the "Obligations").

The City intends to make a reimbursement allocation on its books for the Original Expenditures not later than eighteen months following the later to occur of the date of the Original Expenditure to be reimbursed or the date the Project for which such Original Expenditures were made is "placed in service" within the meaning of Treasury Regulations Section 1.150-2(c). Upon the issuance of the Obligations, the proceeds of such Obligations shall be used to reimburse Sanitary/Sewer Reserve Fund 654, which is the fund from which the advance for costs of the Project will be made.

**SECTION 12.** That this ordinance shall take effect and be in force from and after the earliest period allowed by law.