



## Legislation Text

File #: 1278-2014, Version: 1

**1. BACKGROUND:** This legislation authorizes the Director of Public Utilities to enter into an engineering agreement with CDM Smith, Inc. for the Blueprint Linden, Agler / Berrell Area project. 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.

Recently, the City received approval from Ohio EPA to delay many elements of the WWMP so the City can investigate whether it can meet the WWMP goals and future stormwater regulations with green infrastructure and I&I control on public and private property rather than with gray infrastructure. The technical name for this solution is known as the Integrated Solution (IS). In the City, the name has been further defined as “Blueprint Columbus”.

The scope of work for this project is to perform all the requisite investigation, evaluation, formulation and design work 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 of re-purposing of Columbus Land Redevelopment Office (Land Bank), abandoned, and vacant parcels for the implementation of Green Infrastructure (GI), with the long term goal to mitigate DSR activations, water-in-basement occurrences (WIBs) and street and yard flooding.

It is further desired to mitigate overflows of incident DSRs to the 10-year level of service (LOS). For the CSO area, it is the desire of the City to mitigate overflows to the typical year LOS. This is intended to be a multi-year contract with one or two annual modifications.

Original Contract (Preliminary Design/Field Work)	\$1,599,336.26
Modification 1 (Final Design & Engineering during Construction)	<u>\$319,867.00</u>
Total	\$1,919,203.26

**2. THE PROJECT TIMELINE:** The Project task end dates are as follows and include all City reviews and approvals.

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Proposals out	12-26-13 (Actual)
Proposals received	1-31-14 (Actual)
Contract Initiation (NTP)	10-6-14
Detailed Design Complete	2-12-16
Land Acquisition Complete	1-13-17
Construction Start	7-23-18
Construction Complete	7-22-19

**3. PROCUREMENT:** A modified RFP process was used. This was deemed warranted due to the specialized nature of the project and the strict pre-qualifications included in the request. Furthermore, four specific projects

were in consideration under the same Proposal request process: 650870.701 (Hudson/McGuffey), 650870.702 (Oakland Park/Medina), 650870.703 (Agler/Berrell), and 650870.704 (Artane/Parkwood). **This Legislation Request pertains specifically to 650870.703 (Agler / Berrell).**

<u>Name</u>	<u>C.C. No.</u>	<u>/</u>	<u>Exp Date</u>	<u>City/State</u>	<u>Status</u>
American Struct	35-1127317	/	10/4/2015	Columbus/Ohio	MAJ
Arcadis	57-0373224	/	7/10/2015	Columbus/Ohio	PHC
Black & Veatch	43-1833073	/	9/30/2015	Columbus/Ohio	MAJ
CDM Smith	04-2473650	/	4/2/2016	Columbus/Ohio	MAJ
CH2M Hill	32-0100027	/	1/7/2015	Columbus/Ohio	MAJ
CHA	16-0966259	/	8/13/2015	Columbus/Ohio	MAJ
GS&P	62-1736493	/	1/10/2016	Columbus/Ohio	MAJ
Hazen & Sawyer	13-2904652	/	3/25/2016	Columbus/Ohio	MAJ
HDR	47-0680568	/	9/10/2014	Columbus/Ohio	PHC
MS Consultants	34-6546916	/	3/7/2016	Columbus/Ohio	MAJ

Negotiations with the top four offerors were sought for one of the four projects within the RFP. The successful bidder for the 650870.703 (Agler/Berrell Area) project was: CDM Smith, Inc.

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

**5. CONTRACT COMPLIANCE No.:** 04-2473650 | MAJ | Exp. 04/02/2016

**6. ENVIRONMENTAL 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.

**7. FISCAL IMPACT:**

This ordinance authorizes the Director of Public Utilities to transfer within and expend up to \$1,599,336.26 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 CDM Smith, Inc. for the Blueprint Linden, Agler / Berrell Area project; to transfer within and expend up to \$1,599,336.26 in funds from the Sanitary Sewer System General Obligation Bond Fund; and to amend the 2014 Capital Improvements Budget. (\$1,599,336.26)

**WHEREAS**, in accordance with the provisions of Section 329.14 of the Columbus City Codes, advertisements for RFP's were submitted using a "*Hybrid RFP Process*". The RFP's were opened on January 31, 2014 at the office of the Director of Public Utilities; and

**WHEREAS**, the Division of Sewerage and Drainage's RFP Evaluation Committee reviewed and recommended that the agreement award for the Blueprint Linden, Agler / Berrell Area project be made to CDM Smith, Inc.; and

**WHEREAS**, it is the objective of this project is to perform all the requisite investigation, evaluation, formulation and design work 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 of re-purposing of Columbus Land Redevelopment Office (Land Bank), abandoned, and vacant parcels for the implementation of Green Infrastructure (GI), with the long term goal to mitigate DSR activations, water-in-basement occurrences (WIBs) and street and yard flooding; and

**WHEREAS**, it is the objective of this project to mitigate overflows of incident DSRs to the 10-year level of service (LOS); and

**WHEREAS**, it is necessary for this project to be a multi-year contract with one or two annual modifications; and

**WHEREAS**, it is necessary to transfer within and expend up to \$1,599,336.26 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 CDM Smith, Inc. for the Blueprint Linden, Agler / Berrell Area 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 CDM Smith, Inc. 8800 Lyra Drive, Suite 500, Columbus, Ohio 43240 for the Blueprint Linden, Agler / Berrell 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 the City Auditor is hereby authorized to transfer of \$1,599,336.26 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**

650510-100031 | Fairwood Facilities Improvements | 651031 | -\$1,106,321.93

650046-100000 | Alum Creek Relief Tunnel | 651046 | -\$493,014.33

**TO:**

**Project No. | Project Name | OCA Code | Change**

650870-100703 | Blueprint Linden Agler / Berrell Area | 648773 | +\$1,599,336.26

**SECTION 3:** That the Director is hereby authorized to expend up to \$1,599,336.26 in the following manner: Sanitary Sewer G.O. Bond Fund | Fund 664 | Div. 60-05 | Obj. Lvl Three: 6676

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

650870-100703 | Blueprint Linden Agler / Berrell Area | 648773 | +\$1,599,336.26

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

**Fund No. | Proj. No. | Proj. Name | Current Authority | Revised Authority | Change**

650510-100031 | Fairwood Facilities Improvements | \$1,106,322 | \$0 | (-\$1,106,322)

650046-100000 | Alum Creek Relief Tunnel | \$0 | \$3,723,479 | \$3,723,479

Create Authority to match cash

650046-100000 | Alum Creek Relief Tunnel | \$3,723,479 | \$3,230,464 | (-\$493,015)

650870-100703 | Blueprint Linden Agler / Berrell Area | \$0 | \$1,599,337 | (+\$1,599,337)

**SECTION 5:** That the said engineering company, CDM Smith 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.