



Legislation Text

File #: 0968-2014, Version: 1

- 1. BACKGROUND:** This legislation authorizes the Director of Public Utilities to enter into a professional engineering services agreement with Burgess & Niple for the Southerly Wastewater Treatment Plant Chemically Enhanced Primary Treatment - Disinfection project. This project is one of three projects to provide the Chemically Enhanced Primary Treatment (CEPT) project at the Southerly Wastewater Treatment Plant (SWWTP), as approved by the Ohio EPA. The CEPT facilities provide additional plant capacity to treat wet weather flows in excess of 330 MGD.

This project will focus on upgrades and modifications to provide a new effluent conduit, chemical feed facilities, and levee modifications. This is a contract for professional engineering design services and services during construction (Design Professional, or “DP” services). The initial phase of this contract will consist of Preliminary Design Services for the SWWTP CEPT, Disinfection.

Detailed Design services will be performed in 2015 when the Preliminary Design Phase has been completed. It is anticipated a future contract modification will be requested for this work.

Engineering Services During Construction will be performed in 2017 when the proposed improvements are constructed. The actual emplacement of the work will be by construction contract. This engineering contract provides detailed design and bidding assistance, along with construction-phase engineering, start-up and commissioning assistance, and record documentation preparation. Construction Management services are being performed by others.

- 2. Project Timeline:** The DP will begin after the notice to proceed is given. It is estimated that the Preliminary Design for the project can be completed in the second quarter of 2015. The Detailed Design would commence immediately after the Preliminary Design work is approved. At the conclusion of the Detailed Design, the construction contract(s) will be bid and awarded in 2017.

The overall contract duration, from initiation of Preliminary Design services to completion of Services During Construction, is estimated to be 60 months. Burgess & Niple’s services will continue beyond completion of construction to provide “as-built” record drawings of the constructed facilities.

- 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 November 8, 2013 from the following companies:

<u>Name</u>	<u>C.C. No. /Exp. Date</u>	<u>City/State</u>	<u>Status</u>
Burgess & Niple	31-0885550 - 02/10/16	Columbus, OH	MAJ
Chester Engineers	20-2401674 - 5/1/15	Columbus, OH	MBE
Hazen and Sawyer	13-2904652 - 03/25/16	Columbus, OH	MAJ
Ribway Engineering Group	31-1406579 - Inactive	Columbus, OH	MBE

Four companies submitted proposals. These proposals were reviewed and ranked utilizing an evaluation committee and evaluation process. After careful consideration, the committee recommended that Burgess & Niple

be awarded the engineering agreement for the SWWTP CEPT Disinfection project.

4. **Contract Compliance No.:** 31-0885550 | (MAJ) | (Expires 02/10/2016)
5. **Emergency Designation:** Emergency designation **is not** requested.
6. **Economic / Environmental Impact:** This contract is proposed to be entered into for an amount of \$995,604 that is estimated to be sufficient to complete the work included in the initial scope of services. Accurate estimates of cost for all steps of the engineering services, and project construction, are difficult to produce this early in the project due to the many possible alternatives for facility improvements that will be considered. Following is an estimate of costs for the contract:

Original Contract	\$ 995,604.00
Estimated Future Modification No. 1 (Budgeted 2015)	\$1,102,500.00
<u>Estimated Future Modification No. 2 (Budgeted 2017)</u>	<u>\$1,260,000.00</u>
CURRENT PROPOSED TOTAL	\$3,358,104.00
7. **FISCAL IMPACT:** This ordinance authorizes the Director of Public Utilities to transfer within and expend \$995,604.00 in funds from the Sanitary Sewer General Obligation Bond Fund, Fund 664 and to amend the 2014 Capital Improvements Budget to establish sufficient budget authority for this expenditure for the Division of Sewerage and Drainage.

To authorize the Director of Public Utilities to enter into a professional engineering services agreement with Burgess & Niple, for Preliminary Design Services for the Southerly Wastewater Treatment Plant Chemically Enhanced Primary Treatment - Disinfection Project; to transfer within and expend \$995,604.00 in funds from the Sanitary Sewer General Obligation Bond Fund, and to amend the 2014 Capital Improvements Budget to establish sufficient budget authority for this expenditure for the Division of Sewerage and Drainage. (\$995,604.00)

WHEREAS, the Department of Public Utilities advertised for an RFP for the Preliminary Design Services for the SWWTP Chemically Enhanced Primary Treatment (CEPT) - Disinfection project; and

WHEREAS, this project is one of three projects to provide the Chemically Enhanced Primary Treatment (CEPT) project at the Southerly Wastewater Treatment Plant (SWWTP), as approved by the Ohio EPA; and

WHEREAS, the CEPT facilities improvements will provide an additional plant capacity to treat wet weather flows in excess of 330 MGD; and

WHEREAS, the Division of Sewerage and Drainage received four proposals which were reviewed and determined to meet and/or exceed the minimum qualifications; and

WHEREAS, it is necessary to transfer within and expend up to \$995,604.00 for the SWWTP Chemically Enhanced Primary Treatment (CEPT) - Disinfection project from the Sanitary Sewer General Obligation Fund, Fund 664; and

WHEREAS, it is necessary to amend the 2014 Capital Improvements Budget for purposes of creating and providing sufficient budget authority for the aforementioned expenditure; 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 Burgess & Niple, for Preliminary Design Services for the SWWTP Chemically Enhanced Primary Treatment (CEPT) - Disinfection 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 into a professional engineering services agreement with Burgess & Niple 5085 Reed Road, Columbus, Ohio 43220, for Preliminary Design Services for the SWWTP Chemically Enhanced Primary Treatment (CEPT) - Disinfection project in accordance with the terms and conditions as shown in the contract modification on file in the office of the Division of Sewerage and Drainage.

SECTION 2. That the City Auditor is hereby authorized to transfer \$995,604.00 within the Department of Public Utilities, Division of Sewerage and Drainage, Dept./Div. No. 60-05, Sewerage and Drainage Sanitary Sewer General Obligation Bond Fund, Fund 664, Object Level Three 6676, as follows:

From:

Project No. | Project Name | OCA Code | Change

650351-100001 | Wastewater Treatment Facilities Construction and Contingencies | 643511 | -\$995,604.00

To:

Project No. | Project Name | OCA Code | Change

650367-100004 | SWWTP CEPT Disinfection | 643674 | +\$995,604.00

SECTION 3. That the Director of Public Utilities be and hereby is authorized to expend up to \$995,604.00 from the Sanitary Sewer General Obligation Bond Fund, Fund 664 | Div. 60-05 | Ob. Lvl 3 6676 | in the following manner:

Project No. | Project Name | OCA Code | Obj Lvl 3 | Amount (\$)

650367-100004 | SWWTP CEPT Disinfection | 643674 | \$995,604.00

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

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

650351-100001 | Wastewater Treatment Facilities Construction and Contingencies (Carryover) | \$1,176,899 | \$181,295 | (-\$995,604)

650367-100004 | SWWTP CEPT Disinfection | \$0 | \$995,604 | (+\$995,604)

SECTION 5. That said company, Burgess & Niple shall conduct 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 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.