



Legislation Text

File #: 1398-2023, **Version:** 1

1. BACKGROUND: This ordinance authorizes the Director of Public Utilities to enter into a planned contract modification for professional engineering services during construction with Ch2M Hill Engineers, Inc. for the PAWP Hypochlorite Disinfection Improvements, CIP #690487-100000, in an amount up to \$1,747,700.00 for Division of Water Contract No. 2133.

This project provides for engineering design and construction of improvements to the disinfection storage and feed facilities at the Parsons Avenue Water Plant. The Plant currently utilizes a chlorine gas based process and this project will convert the Plant to a liquid sodium hypochlorite based process. Constructing new facility and retrofitting existing facilities for storage and feed of an alternate disinfectant will provide for safer storage and handling.

The original agreement provided preliminary design services. Renewal No. 1 (current) provided detailed design and bidding services. This Modification #2 provides for Engineering Services During Construction. Engineering Services During Construction will be completed in two parts as part of this contract renewal and shall provide clarification of contract documents for construction as required.

The Parson Avenue Water Plant serves multiple planning areas so this project is coded as "99 - Citywide".

1.1 Amount of additional funds to be expended: \$1,747,700.00

Original Contract Amount:	\$589,800.00 (Ord. 2896-2016PO050804)
Renewal #1 Amount:	\$1,632,200.00 (Ord. 2956-2019PO209640)
Modification #2 (current):	\$1,747,700.00
<u>Final Services During Construction, Pt 2 (Future)</u>	<u>\$1,000,000.00 (Estimate)</u>
Total (Orig. + Renewal/Modification):	\$4,969,700.00

1.2. Reason other procurement processes are not used:

The current consultant is familiar with the project and has completed all the preliminary design work to date. Bidding the work to another consultant will delay the project and will result in higher costs due to bringing the new consultant up to speed on the project and delay the timeline for replacing the existing chlorine gas system.

1.3. How cost of modification was determined:

The Consultant prepared an estimate based on the scope of work for the detail design modification. City Project Manager and associated staff reviewed and approved these cost summaries.

2. ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT; ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT:

This project will address the risks associated with a gaseous chlorine system while providing a safer storage and handling system for plant staff. The potential threat of an accidental or intentional release of chlorine gas will be eliminated with this project.

This work will occur within the secure area of the PAWP that is not accessible to the public, so public meetings and outreach are not anticipated.

3. CONTRACT COMPLIANCE INFO:

CH2M's contract compliance number is CC006247 and expires 2/22/25.

Searches in the Excluded Party List System (Federal) and the Findings for Recovery list (State) produced no findings against CH2M HILL Engineers, Inc.

4. MINORITY AND WOMAN OWNED BUSINESS ENTERPRISE & SMALL LOCAL BUSINESS ENTERPRISE PROGRAM

This contract was put in place prior to the implementation of the City of Columbus MBE/WBE Program and is not subject to the requirements of that program. Ch2M Hill Engineers, Inc. is classified as a majority company by the City's Office of Diversity and Inclusion. Ch2M Hill Engineers, Inc. anticipates performing the work on this contract modification with the use of subconsultants. The MBE/WBE percentage for this modification is expected to be 26.8%.

As part of their proposal, Ch2M Hill Engineers has proposed the following three subcontractors to perform contract work:

Company Name	City/State	ODI Certification Status
DLZ, Inc	Columbus, Ohio	MBE
Hatch Associates Consultants	Columbus, Ohio	MAJ
Resource International	Columbus, Ohio	WBE

The certification of Ch2M Hill Engineers and the above companies was in good standing at the time the bid was awarded.

5. FISCAL IMPACT

An amendment to the 2022 Capital Improvement Budget is needed to align budget authority with the proper project. Funds also need to be transferred between projects within the Water PayGo Fund, Fund 6016, and then to be appropriated, to align cash and appropriation with the proper project.

To authorize an amendment to the 2022 Capital Improvement Budget; to authorize the transfer of funds and the appropriation of funds within the Water PayGo Fund; to authorize the Director of the Department of Public Utilities to modify and increase the contract with CH2M Hill Engineers for the Parsons Avenue Water Plant Hypochlorite Disinfection Improvements Project; and to authorize an expenditure of up to \$1,747,700.00 within the Water G. O. Bond Fund to pay for the contract modification. (\$1,747,700.00)

WHEREAS, the Department of Public Utilities is engaged in the Parsons Avenue Water Plant Hypochlorite Disinfection Improvements Project; and

WHEREAS, Contract No. PO050804 was authorized by Ordinance No. 2896-2016, for the Parsons Avenue Water Plant Hypochlorite Disinfection Improvements Project; and

WHEREAS, Contract Renewal #1 PO209640 was authorized by Ordinance No. 2956-2019, was needed for detailed design and bidding services; and

WHEREAS, a planned contract modification is needed for engineering services during construction; and

WHEREAS, it is necessary for Council to authorize the Director of Public Utilities to modify the professional engineering services agreement with CH2M Hill Engineers, Inc. for the Parsons Avenue Water Plant Hypochlorite Disinfection Improvements Project; and

WHEREAS, an amendment to the 2022 Capital Improvement Budget is needed to align budget authority with the proper project; and

WHEREAS, it is necessary to both transfer and appropriate funds within the Water PayGo Fund, Fund 6016, to align cash and appropriation with the proper project; and

WHEREAS, it is necessary to expend funds from the Water Bond Fund to pay for the contract renewal; **NOW, THEREFORE**,

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS:

SECTION 1. That the 2022 Capital Improvement Budget authorized by Ordinance 1896-2022 be amended as follows to establish sufficient budget authority for this project:

Fund / Project Number / Project Name / Current / Change / Amended

6016 / 601699-100000 / 60-09 Unallocated Balance Fd. 6016 (Water PayGo Carryover) / \$4,726,273.00 / \$2,978,573.00 / (\$1,747,700.00)

6016 / 690487-100000 / PAWP Hypo Conversion Imps (Water PayGo Carryover) / \$0.00 / \$1,747,700.00 / \$1,747,700.00

SECTION 2. That the transfer of \$1,747,700.00, or so much thereof as may be needed, is hereby authorized between projects between within the Water PayGo Fund, Fund 6016, per the account codes in the attachment to this ordinance.

SECTION 3. That from the unappropriated monies 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 ended December 31, 2023, the sum of \$1,747,700.00 is appropriated in Fund 6016 (Water PayGo Fund), per the account codes in the attachment to this ordinance.

SECTION 4. That the Director of Public Utilities is hereby authorized to modify and increase the professional engineering services contract with CH2M Hill Engineers, Inc., 2 Easton Oval, Suite 500, Columbus, Ohio 43219; for the Parsons Avenue Water Plant Hypochlorite Disinfection Improvements project, in an amount up to \$1,747,700.00.

SECTION 5. That an expenditure of \$1,747,700.00, or so much thereof as may be needed, is hereby authorized from the Water PayGo Fund, Fund 6016, to pay for this contract modification per the accounting codes in the attachment to this ordinance.

SECTION 6. Funds are hereby deemed appropriated and expenditures and transfers authorized to carry out the purposes of this ordinance and the City Auditor shall establish such accounting codes as necessary.

SECTION 7. 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 8. That the City Auditor is hereby authorized to transfer the unencumbered balance in a project account to the unallocated balance account 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.

SECTION 9. That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.