

Ord No.:

Information to be included in all Legislation **Renewing*** a Contract:**

- 1. The names, contract compliance no. & expiration date, location by City/State and status of all companies (NPO, MAJ, MBE, FBE, HL1, AS1, or MBR) submitting a competitive bid or submitting an RFP or RFSQ.**

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>City/State</u>	<u>Status</u>
Brown and Caldwell	94-1446346/ XX/20XX	Columbus, OH	MAJ

- 2. What type of bidding process was used (ITB, RFP, RFSQ, Competitive Bid).**

Requests for Proposals (RFP's) were opened on August 17, 2015.

- 3. List the ranking and order of all bidders.**

1. Brown and Caldwell

- 4. Complete address, contact name, phone number, and e-mail address for the successful bidder only.**

Brown and Caldwell
445 Hutchinson Avenue, Suite 540
Columbus, OH 43235
Contact: Dante Fiorino
Phone: (614) 923-5009
Email: dfiorino@brwncald.com

- 5. A description of work performed to date as part of the contract and a full description of work to be performed during any future phasing of the contract. The planning area should also be listed as well as any street or neighborhood names.**

See the following link for the "Community Planning Areas" on the Fiscal Intranet site here:
<http://dpuweb/Portals/0/Fiscal/Columbus%20Planning%20Areas.pdf>

This is a contract with Brown and Caldwell for Professional Engineering Services (Design Professional, or "DP" services) for the SWWTP Digestion Process Expansion project. Brown and Caldwell will provide Preliminary Design Services (Step 1), Detailed Design and Bidding Services (Step 2), and Services During Construction (Step 3).

The initial phase of this contract provided Professional Engineering Services for Preliminary Design (Step 1) and Professional Engineering Services for Detailed Design and Bidding Services (Step 2).

The scope of work for this project originally included reconfiguring Methane Phase Digester 6 (MPD 6), reconfiguring and repurposing Acid Phase Digesters (APD) 1, 2, and 3, and

building a new seventh methane phase digester (MPD 7). This project was to effectively discontinue SWWTP's acid phase digestion process and repurpose APDs 2 and 3 as thickened primary sludge (TPS) storage tanks and repurpose APD 1 as a predigestion TPS/Thickened Waste Activated Sludge (TWAS) blending tank. This project also provided a comprehensive analysis of identified alternative treatment technologies and digestion process configurations for producing Class B biosolids.

Step 1 of this project, Preliminary Design, was completed on January 12, 2017 with the delivery of the Final DDM.

Step 2, Detailed Design was originally completed on October 1, 2018. At that time, SWWTP began to test the APDs to determine if they were still viable. After successful testing, bidding of this project was put on hold.

Modification No. 1 was obtained for a redesign of the original SWWTP Digester Process Expansion and will kept the design for the Digester 6 cover, Digester 7, electrical building, digester boiler system rehabilitation, and rehabilitation of Digester 1-5. The design was modified to keep the APDs, modify the surface withdraw piping, replace all steam injectors, and provide a new foam separator and sediment trap for Digester 07. The redesign of the project was completed in April of 2020 with only a few permitting issues left before bidding was to begin. At that time, it became apparent that the combined acid gas/methane gas system was causing a regulatory compliance issue due to back feed of methane phase gas into the APDs. Upon consultation with DOSD Administration and DPU Regulatory Compliance, the bidding of the project was put on hold.

Modification No. 2 address was obtained to address the regulatory issues generated by the acid gas/methane gas system. A solution was provided as part of this modification and the project was redesigned to move the acid gas and methane gas blend point closer to the waste gas burners. Upon completion of this work, the project was bid for construction.

This renewal is for Step 3 - Engineering Services During Construction, which will include technical project representation (TPR) duties, construction-phase engineering, start-up and commissioning assistance, and record documentation.

Construction Management Services will be performed by others.

Planning Area: 99 – City wide

6. An updated contract timeline to contract completion.

The Professional Engineering Services Agreement was executed on June 20, 2016 and provided Step 1, Preliminary Design Services, and Step 2, Detailed Design and Bidding Services. The Step 1, Preliminary Design Services, was completed on January 12, 2017 and Step 2, Detailed Design and Bidding Services was completed on October 1, 2018. Modification No. 1 was executed on September 13, 2019 and the design was completed in April of 2020. Modification No. 2 was executed on November 30, 2020 with design completed on July 15, 2021. Bids were received on October 13, 2021 and it is anticipated that the Notice to Proceed for construction and for Step 3 – Engineering Services During Construction will be in the first quarter of 2022. The Professional Engineering Services

Contract will continue 90 days beyond completion of construction to provide “as-built” record drawings of the constructed facilities.

7. A narrative discussing the economic impact or economic advantages of the project; community outreach or input in the development of the project; and any environmental factors or advantages of the project.

SWWTP Digestion Process Expansion project will increase the beneficial re-use of biosolids in the liquid land application and deep row hybrid popular (DRHP) programs by providing more anaerobically-digested Class B biosolids. The primary goal of this project is to provide sufficient expanded anaerobic digestion facilities and all necessary associated piping and pumping capacity to successfully accommodate the additional solids produced by the Chemically Enhanced Primary Treatment (CEPT) process and the additional solids loadings to the SWWTP resulting from the anticipated growth of the City of Columbus.

8. A description of any and all renewals to date including the amounts of each modification and the Contract Number associated with any modification to date. (List each modification separately.)

1. The first modification was PO188228 and was for \$397,198.00. This modification was for a redesign of the original project.
2. The second modification was PO250599 and was for \$517,420. This modification was for the design of an acid gas treatment system and help fix a regulatory compliance issue.
3. This renewal is for Step 3 – Services During Construction and will be for \$2,875,701.86

9. A full description of the work to be performed as part of the proposed contract renewal. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)

This renewal is for Step 3 – Services During Construction and includes technical project representation (TPR) duties, construction-phase engineering, start-up and commissioning assistance, and record documentation.

10. An explanation of why the work to be performed as part of the contract renewal cannot be bid out. (Indicating the work to be a logical extension of the contract is not sufficient explanation.)

This contract cannot be bid out as it would take an additional 3-6 months to begin work on a on the services during construction while the actual construction contract would begin within 3 months. This lag between a new design professional and the start of construction would delay the construction as we would not be able to approve submittals, answer RFIs, and other coordination during this period of time.

11. A cost summary to include the original contract amount, the cost of each renewal to date (list each renewal separately), the cost of the modification being requested

in the legislation, the estimated cost of any future known modifications and a total estimate of the contract cost.

ORIGINAL CONTRACT (Step 1 and 2, Preliminary Design & Detailed Design)	\$2,461,829 (PO013284)
MODIFICATION NO. 1	\$397,198 (PO188228)
MODIFICATION NO. 2	\$517,420 (PO250599)
RENEWAL NO. 1 (current request)	\$2,875,701.86
TOTAL ESTIMATED CONTRACT	\$6,252,868.86

12. An explanation of how the cost of the renewal was determined.

The cost of this modification was determined through scope and fee negotiation with the design professional.

13. Subconsultant information

***For engineering agreements:**

Information regarding subconsultants should be submitted on the Subcontractor Work Identification Form Located on the Fiscal Intranet site under “DPU Fiscal Forms” (see link): <http://dpuweb/DPUFiscal/tabid/148/Default.aspx>

This form should have sub-Consultants identified to work on this contract, their contract compliance no. & expiration date, and their status (NPO, MAJ, MBE, FBE, HL1, AS1, or MBR), name, C.C. No./Exp. Date, status, brief Scope of work for each subcontractor, and their estimate of dollar value to be paid.

*****Effective 2/1/2018, Section 329 of the Municipal Code differentiates between contract modifications and renewals. Modifications are unforeseen circumstances that require additional funding and time with the same vendor for the same project as the original contract. Renewals are planned contract modifications that are expected and detailed in the ordinance for the original contract.**