

Information to be included in all Legislation authorizing entering into 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 RFSO.**

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

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

RFP

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

1. Brown and Caldwell

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

Brown and Caldwell
4700 Lakehurst Court, Suite 100
Columbus, OH 43016
Contact: David Nitz, PE, (614) 410-3074

5. **A full description of all work to be performed including a full description of work to be performed during any known phasing of the contract.**

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 will provide Professional Engineering Services for Preliminary Design (Step 1) and Professional Engineering Services for Detailed Design and Bidding Services (Step 2). A future modification is anticipated as the third phase of Professional Engineering Services for Engineering Services During Construction (Step 3).

The scope of work for this project generally includes 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 will effectively discontinue SWWTP's acid phase digestion process and will 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 will also provide a comprehensive analysis of identified alternative treatment technologies and digestion process configurations for producing Class B biosolids.

Step 1 of this project, Preliminary Design, will include the followings tasks: 1. Conduct a site investigation that includes discipline specific visual observations of the existing facility. 2. Review existing data and reports to verify the design and operational deficiencies of the current two-phase anaerobic digestion system. 3. Review and revise the SWWTP Digester System Shut-Down SOP. 4. Review the current digester cover access walkway design. 5. Review solids loading assumptions from the Chemically Enhanced Primary Treatment (CEPT) Facility design. 6. Conduct an alternative analysis of Class B digestion process

configurations. 7. Generate a Detailed Design Manual (DDM) with preliminary drawings, study findings, and equipment specifications. 8. Revise and submit the Final DDM.

Upon the City's approval of the DDM, Step 2, Detailed Design will include preparing construction contract documents (including specifications and drawings) in accordance with City of Columbus Division of Sewerage and Drainage standards, guidelines, and directions for construction and implementation of the proposed facility. Detailed Design will also include attendance at plan and specification review meetings, assisting in negotiations, permitting, and other matters with U.S. EPA, Ohio EPA, and other government agencies as necessary, and bidding services (which includes assisting at the Pre-Bid Conference and bid opening, tabulating bids, making an award recommendation for lowest and best bid, and preparing Conformed to Contract documents).

A future modification will be requested 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.

6. A narrative timeline for the contract including a beginning date, beginning and ending dates for known phases of the contract and a projected ending date.

The Professional Engineering Services Agreement is anticipated to be signed at the end of June 2016 and will provide Step 1, Preliminary Design Services, and Step 2, Detailed Design and Bidding Services. The Step 1, Preliminary Design Services, are anticipated to end in December 2016. Step 2, Detailed Design and Bidding Services, will begin once the Detailed Design Manual (DDM) is approved. Step 2, Detailed Design and Bidding Services, are anticipated to end in the fourth quarter of 2017. Bids will be received in the first quarter of 2018 and it is anticipated that the Notice to Proceed of the construction contract will occur in the second quarter of 2018. The Profession Engineering Services Contract will continue 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. An estimate of the full cost of the Contract including a separate estimate of any and all phases or proposed future contract modifications.

ORIGINAL CONTRACT

(Step 1 and 2, Preliminary Design & Detailed Design) \$2,461,829

MODIFICATION NO. 1 (Step 3, Services During Construction) \$1,176,000

TOTAL \$3,637,829

9. 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):

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>Status</u>
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Please refer to the attached Sub-Contractor Work Identification Form (Schedule 2A-1).

10. Scope of work for each subcontractor and their estimate of dollar value to be paid.

Please refer to the attached Sub-Contractor Work Identification Form (Schedule 2A-1).

Note: The Contract should be considered to include any and all work that is anticipated to be awarded to the company awarded the original contract throughout the contract/project timeline. This includes the original contract and any and all future anticipated modifications to the contract to complete the contract/project.

Updated as of 4-10-10