

**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 RFSQ.**

<b>Name</b>	<b>C.C. No./Exp. Date</b>	<b>City/State</b>	<b>Status</b>
Black & Veatch	CC33073-122530, 9/22/17	Columbus, OH	MAJ
Arcadis	CC73224-122749, 5/14/17	Columbus, OH	MAJ
Varo	CC004243, 02-01-18	Columbus, OH	MAJ
Hazen & Sawyer	CC000630, 03-14-1818	Columbus, OH	MAJ
CH2M Hill	CC00027-11205, 11-10-18	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 22, 2016

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

1. Black & Veatch
2. Arcadis
3. Hazen & Sawyer
4. CM2H
5. Varo

Notice that the RFP selection process was structured to award two contracts, one to the first place bidder, and one to the second place bidder.

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

Arcadis  
 100 E Campus View Blvd  
 Suite 200  
 Columbus, OH 43235  
 Chad Dunn  
 614.985.9220  
[Chad.Dunn@arcadis.com](mailto:Chad.Dunn@arcadis.com)

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. The planning area should also be listed as well as any street or neighborhood names.**

The complete scope of work is attached, and an executive summary follows here. The Jackson Pike Wastewater Treatment Plant creates large amounts of methane rich digester biogas which is now burned in flares as a waste product. A recent feasibility study shows that installing a cogeneration system can beneficially use this biogas as fuel to create electricity that will supply about half the total electricity the plant uses, with an acceptable payback period and significant overall reductions in greenhouse gas emissions. The cogeneration system will be relatively large and complex. This project also includes design work for replacing certain plant boilers at the end of their useful life and installation CMT facilities. This project will also provide design for outstanding stormwater variances

remaining from other TE projects. This renewal purchases the detailed design services for the project. Future legislation will purchase the step 3 services during construction. Construction will generally be accomplished by others.

The construction work will occur at the Jackson Pike Wastewater Treatment Plant, in Columbus Planning Area 17, Greenlawn/Frank Road

**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.**

This Engineering Agreement authorizes the Detailed Design work which is expected to begin on third quarter 2018, and end on third quarter 2019. An additional renewal is expected to authorize the Services during construction work third quarter 2019 and end on third quarter 2021. Construction will be done by others.

**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.**

This project provides design work to install a cogeneration system that will use the facility's biogas, now burned in flares as a waste product to create large amounts of electricity. The updated lifecycle cost analysis from preliminary design show a savings in electrical costs, which helps to offset the capital and operating costs of the improvement. A detailed feasibility study shows a large overall reduction in annual greenhouse gas emissions. The system will reduce overall greenhouse emissions by more than 4,000 tons a year of equivalent CO<sub>2</sub>.

This project includes designing stormwater detention BMPs and floodwater compensatory cut that is needed to meet previous stormwater commitments. These improvements will help to protect the water quality of the Scioto River.

**8. An estimate of the full cost of the Contract including a separate estimate of any and all phases or proposed future contract renewals.**

The renewal amount is \$2,309,950.00. It is anticipated that this contract will have an additional renewal for services during construction.

Cost summary:

Original Contract (Preliminary Design)	\$	1,025,883.00
Renewal 1 (Detailed design 2018)	\$	2,309,950.00
Renewal 2 (anticipated 2021)	\$	1,952,374.00
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ESTIMATED CONTRACT TOTAL		\$5,288,207.00

**9. Subconsultant information**

Subcontractor Work Identification Form is attached