

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>
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 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>

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 feasibility study showed 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 improvements to the CMT facilities. This renewal purchases the last portion of the Step 3 Engineering Services during Construction for this project. Construction will be accomplished by others under a separate contract.

The construction work will occur at the Jackson Pike Wastewater Treatment Plant and has been designated as planning area 99, Citywide.

**6. An updated contract timeline to contract completion.**

The Notice to Proceed for preliminary design was issued 8/22/2017. That work was completed, and renewal 1 for detailed design issued NTP on 1/22/2019. That work was completed and renewal 2 for services during construction, phase 1, was issued NTP on 7/6/2021. This planned renewal for phase 2 of step 3 services will complete all engineering work and will progress through the duration of construction. The separate construction project is underway and is expected to be completed by fourth quarter of 2023, and all engineering work will also be complete at that time.

**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 CO2.

**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.)**

Original Contract (Preliminary Design)	\$	1,025,883.00
Renewal 1 (Detailed design 2018)	\$	2,309,950.00
Renewal 2 (phase 1 SDC 2021)	\$	1,299,989.00
Renewal 3 (phase 2 SDC this renewal)	\$	1,907,793.00

**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.)**

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 renewal purchases the last portion of the Step 3 Engineering Services during Construction for this project. Construction will be accomplished by others.

The construction work will occur at the Jackson Pike Wastewater Treatment Plant, which has been designated planning area 99 Citywide.

**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.)**

If this phase of the project were bid out it would result in inefficiencies and added fees, while attempting to bring a new consultant up to speed on the design. The design team that performed the other phases of design have key technical knowledge regarding the design intent which is required for technical representation during construction.

**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.**

The renewal amount is \$1,907,793.00. No further renewals are expected.

Original Contract (Preliminary Design)	\$	1,025,883.00
Renewal 1 (Detailed design 2018)	\$	2,309,950.00
Renewal 2 (SDC Phase 1)	\$	1,299,989.00
Renewal 3 (SDC Phase 2, this renewal)	\$	1,907,793.00
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ESTIMATED CONTRACT TOTAL	\$	6,543,615.00

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

The engineering firm provided full pricing for Step 3 services during construction of \$3,207,782. This amount was divided into two phases to better accommodate existing capital budget plans, shown in item 11 above as Renewal 2 and Renewal 3.

**13. Subconsultant information**

Subcontractor Work Identification Form is attached

