

HCWP Energy Audit, CIP 690616-100000, CT No. 2354, TSS No. 964
JPWWTP Audit, CIP 650290-100000

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.**

<u>Name</u>	<u>C.C. No./Exp. Date</u>	<u>DAX #</u>	<u>City/State</u>	<u>Status</u>
Arcadis U.S., Inc.	570373224 - 3/18/23	9409	Columbus, OH	MAJ
AECOM Technical Services	952661922 - 7/22/22		Chicago, IL	MAJ
Go Sustainable Energy, LLC	205410716 - 10/23/2		Worthington, OH	MAJ

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

RFP's were received July 30, 2021.

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

1. Arcadis
2. Go Sustainable
3. AECOM

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

Arcadis U.S., Inc.
100 E. Campus View Blvd., Suite 230 Columbus, OH 43235
Contact: Jim Hays, (614) 985-9204, jim.hays@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.**

Under this agreement Arcadis will provide the City with an ASHRAE Level II energy audit report for the Hap Cremean Water Plant (HCWP) and Jackson Pike Wastewater Treatment Plant (JPWWTP).

The project will be executed in two phases as follows:

Phase One (Initial contract): For each site, conduct an Energy Audit, in compliance with the ANSI/ASHRAE/ACCA Standard 211-2018 "Standard for Commercial Building Energy Audits" (hereinafter "ASHRAE Standard"), for the scope of systems it describes therein. Per the ASHRAE Standard, follow Level 1 and 2 procedures to conduct energy audits to identify process, capital, and low/no-cost energy efficiency opportunities; provide estimated annual cost savings, natural gas cf savings, electricity kWh savings, kW demand savings, and anticipated tons of greenhouse gas savings for each measure; and estimated cost of implementing each energy efficiency measure.

Phase Two (future renewal): Professional services to provide energy efficiency operational and capital measure implementation guidance for staff and occupants, functional testing, and measurement and verification of energy and greenhouse gas savings. Pending the scope of the energy efficiency improvements defined by Phase One and selected by the City,

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engineering services may also include design, creating bid documents, obtaining regulatory approvals required by all Agencies Having Jurisdiction (AHJs) over the work, providing implementation oversight and technical assistance, and close-out of capital improvements or retro-commissioning construction projects.

The City foresees that any ongoing engagement with Arcadis for the optional Phase II will focus on standard retrofit items (related to HVAC, lighting, envelope, and domestic hot water, etc.) and not industrial water or wastewater treatment processes occurring at each site.

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 initial contract for Phase I work is anticipated to start in December 2021 and be complete fourth quarter 2022. Phase 2 work, if authorized by future renewal, is anticipated to start 1st quarter 2022 but the duration of Phase 2 is unknown at this time because it will depend on the results of the Phase 1 work, but is tentatively estimated to take 12 to 24 months.

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.

The City of Columbus is currently developing a comprehensive Climate Action Plan to reach the goal of reducing greenhouse gas emissions from municipal operations 40% by 2030, and complete carbon neutrality for the City by 2050. This project can potentially identify changes that would deliver cost savings, operational improvements, including indoor air quality for occupant health and comfort, and environmental benefits including, but not limited to, reduction of greenhouse gas emissions while not compromising the necessary reliability, redundancy and treatment performance of the plants to assist in achieving the overall goal of the Climate Action Plan.

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

Phase 1 fee has been provided and Phase 2 is undetermined until the findings from Phase 1 are presented and a plan of action is determined for the execution of Phase 2.

	DOW	DOSD
	690616-100000	650290-100000
Phase 1 (this legislation)	\$121,100	\$121,100
Phase 2 (potential future renewal)*	TBD	TBD
CONTRACT PROPOSED TOTAL	TBD	TBD

* Phase 2 amount is preliminary and will be based on the outcome of the Phase 1 work.