Ord No. 1839-2014

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.**

Name	C.C. No./Exp. Date	City/State	Status
Arcadis U.S., Inc.	57-0373224 - 7/10/15	Columbus, OH	MAJ
Dynamix Engineering, Ltd.	31-1536631 - 8/13/14	Columbus, OH	MBE
GPD Group	34-1134715 - 3/25/15	Columbus, OH	MAJ
Varo Engineers, Inc.	31-0722508 - 2/15/15	Dublin, OH	MBE

2. **What type of bidding process was used (ITB, RFP, RFSQ, Competitive Bid).**
   Requests for Proposals (RFP's) were received February 28, 2014.

3. **List the ranking and order of all bidders.**
   1. Arcadis U.S., Inc.
   2. GPD Group
   3. Dynamix Engineering, Ltd.
   4. Varo Engineers, Inc.

4. **Complete address, contact name, phone number for the successful bidder only.**
   Arcadis U.S., Inc.
   100 E. Campus View Blvd., Suite 200
   Columbus, OH 43235
   Contact: Steve Mess, PE, BCEE, (614) 985-9100

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 for Professional Engineering Services (Design Professional or "DP" services) for the Hap Cremean Water Plant and the Dublin Road Water Plant Standby Power projects (CIP Nos.: 690519 and 690520). The initial phase of this contract, Phase I, will provide Professional Engineering Services for Preliminary Design. It is anticipated that future modifications will be requested for Detailed Design (Phase II) and Bidding Services (Phase III) and for Engineering Services During Construction (Phase IV).

   This project will provide standby power generators at the Hap Cremean Water Plant and the Dublin Road Water Plant that will allow the plants to continue to operate during a utility power outage, thereby improving the reliability of the water supply system.

   Preliminary Design includes the following tasks: investigations and evaluations of existing facilities; review and evaluation of master plan recommendations; evaluation and selection of system sizing and design criteria; review of construction documents and records; review of Federal, State, and local regulatory requirements including building codes; an evaluation of the available types of standby power units; an evaluation of locations for the standby power station and generators at each plant; surveying and geotechnical investigations for plan development; preparing a preliminary design and sketches for the facilities; evaluating scheduling of construction work; preparing Statements of Probable Construction Costs; presenting the results of the total preliminary investigation and evaluation as a bound Detailed Design Memorandum (DDM) or a Preliminary Design Report (PDR) containing

descriptions, drawings, photographs as appropriate, and suppliers' data; and holding regular review meetings to present findings at various stages of Preliminary Design.

Upon the City's approval of the DDM or PDR and after the implementation of a contract modification, Detailed Design will begin. Detailed Design will prepare construction contract documents (including specifications and drawings) in accordance with City of Columbus Division of Water standards, guidelines, and direction for construction and implementation of the proposed facilities. Detailed Design also includes 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.)

Engineering Services During Construction will begin after the implementation of a contract modification and at the Notice to Proceed (NTP) for the construction contracts. Engineering Services During Construction will include technical project representation (TPR) duties, construction phase engineering, start-up and commissioning assistance, and record documentation.

The actual emplacement of the work will be by construction contract.

Construction Management services will be performed by others.

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

The DP will begin Preliminary Design after Notice to Proceed (NTP) is given. It is estimated that the Preliminary Design for the projects will be completed 5 months after the NTP.

Detailed Design will commence after Preliminary Design work is approved and after the implementation of a contract modification. An estimated 13 months will be required for completion of Detailed Design. Bidding for the Hap Cremean Water Plant construction contract is estimated to occur in the first quarter of 2016 and the NTP for the construction contract is estimated to occur in the 2nd quarter of 2016. Bidding for the Dublin Road Water Plant construction contract is estimated to occur in the 2nd quarter of 2016 and the NTP for the construction contract is estimated to occur in the 4th quarter of 2016. The estimated duration of this contract is 3½ years.

7. <u>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.</u>

This project will provide the residents of the City of Columbus and a large part of Franklin County with a reliable supply of clean water for customer potable water uses and for the City's fire protection purposes during a regional area-wide power outage. This project benefits the economy by providing uninterrupted water service and fire protection during a power outage.

Public informational meetings are not anticipated for this project, because all proposed work is anticipated to occur within the boundaries of the water plants. Regulatory agencies will be notified of the proposed work as appropriate.

8. <u>An estimate of the full cost of the Contract including a separate estimate of any and all phases or proposed future contract modification.</u>

This contract for Preliminary Design Services (Phase I) is proposed to be entered into for the Original Contract amounts shown below. Accurate estimates of costs for all phases of engineering services and project construction are difficult to produce early in the project due to the many alternatives for the facility improvements that will be considered. The following is an estimate of the total costs for the contract.

HCWP (690519-000000)

• Original Contract (for Phase I Preliminary Design Services)	$130,041.50
• Estimated Future Modification (for Detailed Design Services (Phase II) and Bidding Services {Phase III})	$650,000.00
• Estimated Future Modification (for Engineering Services During Construction {Phase IV})	$700,000.00
CURRENT PROPOSED TOTAL	$1,480,041.50

DRWP (690520-000000)

• Original Contract (for Phase I Preliminary Design Services)	$130,041.50
• Estimated Future Modification (for Detailed Design Services (Phase II) and Bidding Services {Phase III})	$650,000.00
• Estimated Future Modification (for Engineering Services During Construction {Phase IV})	$700,000.00
CURRENT PROPOSED TOTAL	$1,480,041.50