

# Request for Qualifications (Architect / Engineer)

## State of Ohio Standard Forms and Documents

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**Administration of Project:** Ohio Facilities Construction Commission

Project Name	PCI Sanitary Sewer Improvements Phase 2 & Utility Tunnel Renovation	Response Deadline	3/29/2019	4:00 PM	local time
Project Location	Pickaway Correctional Institute 11781 State Route 104, Orient, OH 43146	Project Number	DRC-19F074		
City / County	Orient / Madison	Project Manager	Keith Doll		
Owner	Dept. of Rehabilitation and Correction	Contracting Authority	OFCC		
Delivery Method	General Contracting	Prevailing Wages	State		
No. of paper copies requested (stapled, not bound)	0	No. of electronic copies requested (PDF)	1		

Submit the requested number of Statements of Qualifications (Form F110-330) directly to Jill Hoobler at [Procurement@ofcc.ohio.gov](mailto:Procurement@ofcc.ohio.gov). See Section J of this RFQ for additional submittal instructions.

Submit all questions regarding this RFQ in writing to Jill Hoobler at [Procurement@ofcc.ohio.gov](mailto:Procurement@ofcc.ohio.gov) with the project number included in the subject line (no phone calls please). Questions will be answered and posted to the Opportunities page on the OFCC website at <http://ofcc.ohio.gov> on a regular basis until one week before the response deadline. The name of the party submitting a question will not be included on the Q&A document.

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### Project Overview

#### A. Project Description

The purpose of this Request for Qualifications (RFQ) is to obtain Professional Architectural/Engineering (A/E) services for the evaluation of and design of a sanitary sewer and abandonment of a utility tunnel at the Pickaway Correctional Institution (PCI), located at 11781 OH-762, Orient, OH 43146.

The PCI campus has an on-site sanitary system comprised on approximately 41,700 linear feet of sanitary sewer ranging in size from 6-inch service laterals to 15-inch mainline sewers and 174 manholes. Much of this system was constructed prior to 1972. A detailed Sanitary Sewer Evaluation Study (SSES) was conducted in 2016. The SSES included field visits, smoke testing, manhole inspections, dyed water testing, and CCTV. Improvements performed under Phase 1 included sewer replacement, manhole rehabilitation, and CIPP.

Phase 2 will complete work identified in the SSES. It will also include the construction of new sanitary trunk sewers between the wastewater treatment facility and future housing units currently under design as well as other sewer extensions to service existing facilities. It is expected the A/E team will coordinate with the consultant and PCI staff to determine location, sizing and WWTP capacity of the new trunk sewers relative to the new developments. Total footage of new sewers may be in the range of 5,000 linear feet plus. The project may also include the construction of a temporary sanitary pumping station to service the BOSCO building.

The network of utility tunnels at PCI is approximately 8,000 linear feet and consists of two primary sizes. The 'main' tunnel is approximately 5 feet wide by 7 feet high and 4,400 feet long. The balance is comprised of smaller tunnels that are less than 4 feet high and 3,600 feet long. An estimated 2,200 linear feet of the 'main' tunnel is active, however, only 1,100 linear feet is readily accessible for observation. The balance is not readily accessible due to various reasons including previous collapse, abandonment, and security provisions. The tunnels are cast in place with the top slab using two structural systems; a flat slab and pan-joist construction. The top slab also functions as a sidewalk in several locations. The tunnel network extends throughout the correctional institution with various branches connecting multiple buildings. Utilities within the tunnel system include abandoned steam and domestic water, active hot water lines crossing through, and active electrical conductors including fiber optic and multi-pair copper cables serving telecommunication systems in Buildings A, B, and C.

A Utility Tunnel Study was conducted in February 2016 providing an evaluation of the existing system and options/estimates for renovation or abandonment of the tunnel system. DRC wishes to pursue abandonment of the tunnel system while relocating or leaving in place utilities when appropriate. The Utility Tunnel Study may be made available to short-listed AE firms.

The development of a complete Program of Requirements (POR) will also be included as part of the Professional Design Services as an Additional Service. The development of the POR will include a comprehensive survey/field investigation of the existing system in order to evaluate the condition in relation to the project scope described above, and in relation to

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the project budget. The project scope will then be evaluated, prioritized, and defined/redefined to align with available project funds. Evaluation of the project construction schedule will also be a part of the POR stage.

State of Ohio, Capital Improvements Funding will be used to complete the Design and Construction of this project.

### B. Scope of Services

The selected A/E, as a portion of its required Scope of Services and prior to submitting its proposals, will discuss and clarify with the Owner and/or the Contracting Authority, the cost breakdown of the Architect/Engineer Agreement detailed cost components to address the Owner's project requirements. Participate in the Encouraging Growth, Diversity & Equity (EDGE) Program as required by statute and the Agreement.

As required by the Agreement, and as properly authorized, provide the following categories of services: Program Verification, Schematic Design, Design Development, Construction Document Preparation, Bid and Award Support, Conformed Documents, Construction Administration, Post-Construction, and Additional Services of all types.

Refer to the *Ohio Facilities Construction Manual* for additional information about the type and extent of services required for each. A copy of the standard Agreement can be obtained at the OFCC website at <http://ofcc.ohio.gov>.

During the construction period, provide not less than 8 hours (excluding travel time) on-site construction administration services each week, including (1) attendance at progress meetings, (2) a written field report of each site visit, (3) on-site representation comprised of the A/E and its consultant staff involved in the primary design of the project, all having relevant and appropriate types of construction administration experience.

Please list all major scope services needed to complete the selection process for successful project delivery. The specific scope of services must state particular building types, functional design or specialized professional services required to evaluate the level of experience of each applicant firm (e.g. parking garage, kitchen design, correctional facility, medical facility). The scope of services should also define the types of basic and additional professional design and administration services necessary for the project (e.g. LEED credentials and experience, previous experience with local jurisdiction or similar sites, previous experience working with the State of Ohio, Building Information Modeling ("BIM") experience and training, specific BIM and Owner-defined requirements, level of development to be achieved within BIM models, BIM deliverables, and Owner's intended use of BIM models after construction). This information will be used by each applicant to populate the Relevant Project Experience Matrix in Section F of Form F110-330.

For purposes of completing the Relevant Project Experience Matrix in Section F of the Statement of Qualifications (Form F110-330), below is a list of relevant scope of work requirements for this RFQ:

1. Project Delivery Method (MP, GC, CMR, DB)
2. Role on Project (CMA, OA, CMR, DB, GC, Trade)
3. Experience in developing a Project specific Program of Requirements
4. Sanitary Sewer evaluation and replacement experience
5. Utility Tunnel experience including confined space entry
6. Experience working in a correctional institution environment
7. Experience with construction management in a controlled environment
8. Familiarity with the State of Ohio Management System (OAKS CI)
9. Experience with Ohio Capital Improvements projects

### C. Estimated Budget / Funding

State Funding:	<u>\$5,145,000</u>
Other Funding:	<u>\$0</u>
Construction Cost:	<u>\$4,558,842</u>
Total Project Cost:	<u>\$5,145,000</u>

### D. Anticipated Schedule

Professional Services Start:	<u>08 / 19</u>
Construction Notice to Proceed:	<u>05 / 20</u>
Substantial Completion of all Work:	<u>05 / 21</u>
Professional Services Completed:	<u>09 / 21</u>

### E. Estimated Basic Fee Range (see note below)

7.0% to 8.0%

### F. EDGE Participation Goal

Percent of initial Total A/E Fee: 5.0%

NOTE: **Basic Services** include: (1) Program Verification, (2) Schematic Design, (3) Design Development, (4) Construction Documents, (5) Bidding and Award OR GMP Proposal and Amendment (as applicable), (6) Construction Administration, and (7) Closeout services. The **Basic Fee** includes all professional design services and consultant services necessary for proper completion of the Basic Services, including validation of existing conditions (but not subsurface or hidden conditions) and preparation of cost estimates and design schedules for the

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project. The **Estimated Basic Fee Range** is calculated as a percentage of the **Estimated Budget for Construction Cost** above, including the Owner's contingency. **The Basic Fee excludes any Additional Services required for the project.**

### G. Basic Service Providers Required (see note below)

Lead A/E Discipline: Engineering  
Secondary Civil Engineering  
Disciplines: Structural Engineering  
Electrical Engineering

### H. Additional Service Providers Required

Program of Requirements  
Geotechnical Engineering  
Surveying

NOTE: The lead A/E shall be (1) an architect registered pursuant to ORC Chapter 4703, (2) a landscape architect registered pursuant to ORC Chapter 4703, or a (3) professional engineer or (4) professional surveyor licensed pursuant to ORC Chapter 4733.

### I. Evaluation Criteria for Selection

- Demonstrated ability to meet Owner's programmed project vision, scope, budget, and schedule on previous projects.
- Previous experience compatible with the proposed project (e.g., type, size).
- Relevant past work of prospective firm's proposed consultants.
- Past performance of prospective firm and its proposed consultants.
- Qualifications and experience of individuals directly involved with the project.
- Proposer's previous experience (numbers of projects, sizes of projects) when working with its proposed consultants.
- Specification writing credentials and experience.
- Experience and capabilities of creating or using Critical Path Method (CPM) schedules and of using CPM schedules as a project management resource.
- Approach to and success of using partnering and Alternative Dispute Resolution.
- Proximity of prospective firms to the project site.
- Proposer's apparent resources and capacity to meet the needs of this project.
- The selected A/E and all its consultants must have the capability to use the Internet within their normal business location(s) during normal business hours.

Interested A/E firms are required to submit the Commitment to Participate in the EDGE Business Assistance Program form in its Statement of Qualifications (Form F110-330) submitted in response to the RFQ, to indicate its intent to contract with and use EDGE-certified Business Enterprise(s), as a part of the A/E's team. The Intent to Contract and to Perform and / or waiver request letter and Demonstration of Good Faith Effort form(s) with complete documentation must be attached to the A/E's Technical Proposal. Both forms can be accessed via the OFCC website at <http://ofcc.ohio.gov>. The Intent to Contract and to Perform form is again required at the Fee Proposal stage.

For all Statements of Qualifications, please identify the EDGE-certified Business Enterprises, by name, which will participate in the delivery of the proposed professional services solicited in the RFQ.

### J. Submittal Instructions

Firms are required to submit the current version of Statement of Qualifications (Form F110-330) available via the OFCC website at <http://ofcc.ohio.gov>.

Electronic submittals should be combined into one PDF file named with the project number listed on the RFQ and your firm's name. Use the "print" feature of Adobe Acrobat or similar software for creating a PDF rather than using a scanner. If possible, please reduce the file size of the PDF. In Acrobat, go to Advanced, then PDF Optimizer. Also, please insert the project number and firm name followed by "SOQ" in the email subject line.

**Statements of Qualifications must be submitted electronically by email. Submittals are limited to one email with a maximum file size of 25 MB.**

Firms are requested to identify professional registrations, memberships and credentials including: LEED GA, LEED AP, LEED AP+, CCCA, CCM, CCS, CDT, CPE, DBIA, and any other appropriate design and construction industry credentials. Identify that information on the resume page for individual in Block 22, Section E of the F110-330 form.

# Architect / Engineer Selection Rating Form

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Project Name PCI Sanitary Sewer Improvements Phase 2 & Utility Tunnel Renovation Proposer Firm \_\_\_\_\_  
 Project Number DRC-19F074 City, State, Zip \_\_\_\_\_

Selection Criteria		Value	Score
<b>1. Primary Firm Location, Workload and Size (Maximum 10 points)</b>			
a. Proximity of firm to project site	Less than 100 miles	5	
	100 miles to 150 miles	2	
	More than 150 miles	0	
b. Amount of fees awarded by Contracting Authority in previous 24 months	Less than \$200,000	2	
	\$200,000 to \$500,000	1	
	More than \$500,000	0	
c. Number of licensed professionals	Less than 5 professionals	1	Max = 3
	5 to 10 professionals	3	
	More than 10 professionals	2	
<b>2. Primary Firm Qualifications (Maximum 30 points)</b>			
a. Project management lead	Experience / ability of project manager to manage scope / budget / schedule / quality	0 - 10	Max = 20
b. Project design lead	Experience / creativity of project designer to achieve owner's vision and requirements	0 - 5	
c. Technical staff	Experience / ability of technical staff to create fully coordinated construction documents	0 - 5	
d. Construction administration staff	Experience / ability of field representative to identify and solve issues during construction	0 - 10	
<b>3. Key Consultant Qualifications (Maximum 20 points)</b>			
a. Key discipline leads	Experience / ability of key consultants to perform effectively and collaboratively	0 - 15	
b. Proposed EDGE-certified Consultant participation*	One point for every 2 percent increase in professional services over the EDGE participation goal	0 - 5	
<b>4. Overall Team Qualifications (Maximum 10 points)</b>			
a. Previous team collaboration	Less than 3 sample projects	1	Max = 3
	3 to 6 sample projects	2	
	More than 6 sample projects	3	
b. LEED** Registered / Certified project experience	Registered projects	1	Max = 2
	Certified projects	2	
c. BIM project experience	Training and knowledge	1	Max = 3
	Direct project experience	3	
d. Team organization	Clarity of responsibility / communication demonstrated by table of organization	0 - 2	
<b>5. Overall Team Experience (Maximum 30 points)</b>			
a. Previous team performance	Past performance as indicated by evaluations and letters of reference	0 - 10	
b. Experience with similar projects / delivery methods	Less than 4 projects	0 - 3	
	4 to 6 projects	4 - 6	
	More than 6 projects	7 - 10	
c. Budget and schedule management	Performance in completing projects within original construction budget and schedule	0 - 5	
d. Knowledge of Ohio Capital Improvements process	Less than 3 projects	0 - 1	
	3 to 6 projects	2 - 3	
	More than 6 projects	4 - 5	
* Must be comprised of professional design services consulting firm(s) and NOT the lead firm ** Leadership in Energy & Environmental Design administered by the Green Building Certification Institute		<b>Subtotal</b>	

Notes:

Evaluator:

Name \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_