

Request for Qualifications (Architect / Engineer)

State of Ohio Standard Forms and Documents

Administration of Project: Local Higher Education

Project Name	<u>Hot Water Pipe Upgrades</u>	Response Deadline	<u>April 24, 2014</u>	<u>2:00 p.m.</u>	local time
Project Location	<u>Columbus Campus</u>	Project Number	<u>OSU-108006</u>		
City / County	<u>Columbus / Franklin</u>	Project Manager	<u>Kevin Koesters</u>		
Owner	<u>The Ohio State University</u>	Contracting Authority	<u>Local Higher Education</u>		
Delivery Method	<u>General Contracting</u>	Prevailing Wages	<u>State</u>		
No. of paper copies requested (stapled, not bound)	<u>4</u>	No. of electronic copies requested on CD (PDF)	<u>2</u>		

Submit the requested number of Statements of Qualifications (Form F110-330) directly to Kevin Koesters at 400 Enarson Classroom Building, 2009 Millikin Rd, Columbus, OH 43210. See Section H of this RFQ for additional submittal instructions.

Submit all questions regarding this RFQ in writing to Kevin Koesters at koesters.11@osu.edu 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.

Project Overview

A. Project Description

The Hot Water Pipe Upgrades project consists of 2 distinct utility systems, Domestic Hot Water (DHW) and Heating Hot Water (HHW). Due to the interrelated nature of Utility infrastructure systems, other utility systems could be included following predesign activities.

The 50 year old DHW system is supplied from ~110psi city water and feeds ~28 campus buildings. The current DHW system consists of metering, redundant domestic water softeners, redundant shell and tube heat exchangers (fed from 200psi steam), redundant 10 HP recirculating pumps and supply and return pipelines that distribute the hot water to the building fixtures. ~125°F water leaves the plant with usage ranging from 350,000-790,000 gal/month. A 1992 upgrade replaced the supply pumps with recirculating pumps. The supply/return piping has heavy scale buildup and passes through building tempering valves which have leaked and resulted in varied/low water temperatures. The study/evaluations shall include analysis on capacity for system including distribution piping, life cycle cost comparison with updating the entire system vs. standalone building systems, opportunities to shed some of the DHW buildings from the system as well as completing an environmental assessment and a pathogen risk assessment in accordance with the Hazard Analysis and Critical Control Point (HACCP) in the ASHRAE 188 Draft, or final standard, if released. The majority of the work required will be located in the Power Plant, tunnel and building Mechanical space.

Installed in 2005; there are currently 5 shared HHW systems serving a total of 15 buildings. Each system has a steam/hot water heat exchanger which replaced the original heat exchangers in McCracken Power Plant. Adjacent projects may be responsible for 1 of the 5 shared systems. A pipeline condition assessment of the estimated ~5,500 l.f. of old heating hot water pipelines shall be completed. An environmental assessment is also required and included in the scope. Ultimately the study/assessment shall determine what pipe replacement is appropriate now and the scope to abatement and replace insulation.

B. Scope of Services

The design requirement shall initially include basic service for Pre-Design development of a Program of Requirements (PoR) as well as Additional Services for a study/evaluation and environmental and pathogen risk assessment. From the PoR a design contract will be negotiated for the completion of design and construction services.

The selected Architect/Engineer (A/E), as a portion of its required Scope of Services and prior to submitting its proposals, will discuss and clarify with the Owner/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. Required Professional Liability Insurance will be \$1,000,000 per claim and annual aggregate.

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.

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Refer to the *OFC 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>.

The selected A/E will be required to sign the standard agreement. No modifications to the requirements in the agreement will be accepted.

During the construction period, provide not less than 20 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.

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. Design of DHW Systems/Water Softeners/Recirculation Pumps
2. Design of HHW Systems/Steam/Hot Water Heat Exchangers
3. Superheated Steam / Thermal Stress Analysis
4. Pathogen Risk Assessment (HACCP) for DHW Systems
5. Pipeline Conditions Assessment for HHW
6. Relevant Environmental Assessments
7. OFCC / Ohio State Process

C. Funding / Estimated Budget

Total Project Cost	<u>\$3,200,000</u>	State Funding	<u>\$0.00</u>
Construction Cost	<u>\$2,450,000</u>	Other Funding	<u>\$3,200,000</u>
Estimated A/E Fee	<u>7.4% to 8.88%</u>		

NOTE: The A/E fee percentage for this project includes all professional design services, and consultant services necessary for proper completion of the Basic Services for the successful completion of the project, including but not limited to: review and verification of the Program of Requirements provided by the Owner, validation of existing site conditions (but not subsurface or hidden conditions), preparation of cost estimates and design schedules for the project. Fees may be negotiated and allocated for Additional Services (e.g., creation of a Program of Requirements, extensive evaluation or validation of site conditions, extensive pre-design investigations, code-required special inspection and testing, Quality Assurance testing during the construction period, and testing due to unforeseen conditions).

D. Services Required (see note below)

Primary	<u>Mechanical</u>
Secondary	<u>Risk Assessment</u>
	<u>Environmental</u>
	<u>Civil/Structural</u>
	<u>Surveying</u>
Others	<u></u>

E. Anticipated Schedule

Professional Services Start (mm/yy)	<u>06 / 14</u>
Construction Stage Start (mm/yy)	<u>10 / 15</u>
Construction Stage Completed (mm/yy)	<u>06 / 16</u>
Professional Services Completed (mm/yy)	<u>09 / 16</u>

F. EDGE Participation Goal

Percent of <i>initial</i> TOTAL A/E Fee	<u>5.0%</u>
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NOTE: The primary A/E shall be (1) a registered architect holding a license and certificate of authorization issued by the Ohio Architects Board pursuant to ORC Chapter 4703, (2) a landscape architect holding a license and certificate of authorization issued by the Ohio Landscape Architects Board pursuant to ORC Chapter 4703, or (3) a professional engineer or professional surveyor holding a license and certificate of authorization issued by the Ohio Engineers and Surveyors Board pursuant to ORC Chapter 4733.

G. 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.

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- Design quality and demonstrated ability of prospective firm and its proposed consultants to provide design services which represent the University's *Design Values for Campus Development* fod.osu.edu/proj_del/ref/0200_Design_Values.pdf
- 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.

BIM and LEED is not applicable and will not be scored for this project.

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.

It is encouraged to use Section H, Additional Information on the Statement of Qualifications (From F110-330) to summarize the Selection Criteria scoring categories.

H. 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>.

Paper copies of the Statement of Qualifications, if requested, should be stapled only. Do not use special bindings or coverings of any type. Cover letters and transmittals are not necessary.

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 Professional or similar software for creating a PDF rather than using a scanner. If possible, please reduce the file size of the PDF. In Adobe Acrobat Professional, go to Advanced, then PDF Optimizer. Also, please label the CD and the CD cover with the project number and firm name.

Facsimile or e-mailed copies of the Statement of Qualifications will not be accepted.

Firms are requested to identify professional registrations, memberships and credentials including but not limited to: LEED GA, LEED AP, LEED AP+, CCCA, CCM, CCS, CDT, DBIA, CPE, 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.

LEED Credentials: Leadership in Energy & Environmental Design (Green Building Certification Institute)

GA: Green Associate
AP: LEED AP (Legacy LEED Accredited Professional without specialty)
AP +: (see below):
LEED AP BD+C (Building Design and Construction specialty)
LEED AP ID+C (Interior Design and Construction specialty)
LEED AP O+M (Operations and Maintenance specialty)
LEED AP ND (Neighborhood Development specialty)
LEED AP Homes (Specialty for residential LEED construction)

Other Industry Credentials

ACEC: American Council of Engineering Companies
AIA or FAIA: American Institute of Architects
CCCA: Certified Construction Contract Administrator (CSI)
CCM: Certified Construction Manager (CMAA)
CCS: Certified Construction Specifier (CSI)
CDT: Construction Document Technologist (CSI)
CMAA: Construction Management Association of America
CPE: Certified Professional Estimator (American Society of Professional Estimators)
CSI or FCSI: Construction Specifications Institute
DBIA or Associate DBIA: Design-Build Institute of America (list credentials, not memberships)
NCARB: National Council of Architectural Registration Boards (list certification only)
NCIDQ: National Council for Interior Design Qualification
NSPE: National Society of Professional Engineers

Architect/Engineer Selection Rating Form

State of Ohio Standard Forms and Documents

Project Name Hot Water Pipe Upgrades Proposer Firm _____
 Project Number OSU-108006 City, State, Zip _____

Selection Criteria		Value	Score
1. Primary Firm Location, Workload and Size (Maximum 10 points)			
a. Proximity of firm to project site	Less than 50 miles	5	
	50 miles to 100 miles	2	
	More than 100 miles	0	
b. Amount of fees awarded by Contracting Authority in previous 24 months	Less than \$200,000	2	
	\$200,000 to \$1,000,000	1	
	More than \$1,000,000	0	
c. Number of licensed professionals	Less than 2 professionals	1	Max = 3
	2 to 10 professionals	2	
	More than 10 than professionals	3	
2. Primary Firm Qualifications (Maximum 30 points)			
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	
3. Key Consultant Qualifications (Maximum 20 points)			
a. Key discipline leads	Experience / ability of key consultants to perform effectively and collaboratively	1 - 15	
b. Proposed EDGE-certified Consultant participation*	One additional point for every 2 percent increase in professional services over the advertised EDGE participation goal	0 - 5	
4. Overall Team Qualifications (Maximum 10 points)			
a. Previous team collaboration	Less than 2 sample projects	1	Max = 3
	2 to 4 sample projects	2	
	More than 4 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	
5. Overall Team Experience (Maximum 30 points)			
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 3 projects	0 - 3	
	3 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 primary firm ** Leadership in Energy & Environmental Design administered by the Green Building Certification Institute		Subtotal	

Notes:

Evaluator:

Name _____

Signature _____

Date _____