

Request for Qualifications (Architect / Engineer)

State of Ohio Standard Forms and Documents

Administration of Project: Local Higher Education

Project Name	East Regional Chilled Water Plant Phase 2 - Distribution	Response Deadline	08/27/2013	2:00 pm	local time
Project Location	Main Campus	Project Number	5062-PF07357		
City / County	Columbus / Franklin	Project Manager	Tom Ekegren		
Owner	The Ohio State University	Contracting Authority	Local Higher Education		
No. of paper copies requested (stapled, not bound)	3	No. of electronic copies requested on CD (PDF)	1		

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

Project Overview

A. Project Description

The East Regional Chilled Water Plant (ERCWP) project has multiple phases. Phase 1 is currently in construction. It consists of the physical plant as well as distribution along the south side of the Arps Garage and north on College Road, terminating at the intersection of College Road and Woodruff Ave.

This Request for Qualifications is for Phase 2 of the Distribution scope. **Phase 2 – Distribution** extends the distribution network built in phase 1 westward, under 18th Ave, to the vicinity of Magruder Drive, provides chilled water laterals to the adjacent buildings along the extended network, and rebuilds 18th Ave.

The anticipated project delivery method for this project is General Contracting.

State Prevailing Wage requirements apply to this project.

B. Scope of Services

The Phase 2 – Distribution AE will extend the utility network from a vault on the east side of the 18th Ave and College Road intersection westward to the vicinity of Magruder Drive. This will consist of designing and constructing a new tunnel parallel to an existing tunnel which will remain in service until existing utilities can be reconfigured or relocated into the new tunnel. Evaluating the tunnel laterals to each building is included. Providing a chilled water connection to the Celeste Quad by March 2015 is a major project milestone and will be required to be phased into the overall project scope.

A utility distribution study will be necessary to comprehend how the buildings are currently being serviced, and how the distribution will be reconfigured by this project. Reconfiguration options include routing through the new tunnel, routing through the existing buildings, or providing local equipment in the building and disconnecting from the distribution network.

The selected AE will develop a Program of Requirements (PoR) to evaluate these options and to determine a phasing plan to maintain these utilities during construction. The building utility services that are anticipated to be reconfigured include, but not limited to, high pressure steam and condensate, chilled water, domestic hot water supply and return, heating hot water supply and return, and compressed air.

Asbestos may be encountered within the existing tunnel and pipe insulation; an abatement plan shall be developed for the reconfiguration of utilities as well as the complete removal of the existing tunnel once new utility services are online.

A condition assessment of existing utilities within the street (sewer, water, gas, etc.) will be needed to determine if replacement is warranted.

The roadway will be replaced similar to recently rebuilt roadways in the vicinity. 18th Ave, between College Road and Neil Ave, will be designed to a schematic level. Based on budget and disturbed area, the design will continue through construction documents to rebuild 18th Ave. The AE's Landscape Architect will play a significant role in programming and developing the final design of the roadway. The University's Academic Core North Landscape District Plan will be available after selection to assist in developing the final design.

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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 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. 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.

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>.

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. Use only these items in the matrix:

1. Utility tunnel design
2. Chilled water & High Pressure steam distribution
3. Pumped condensate piping distribution system
4. Detailed vehicular and pedestrian maintenance of traffic
5. Urban/campus roadways
6. OFCC Construction Administration

C. Funding / Estimated Budget

Total Project Cost	<u>\$14,250,000</u>	State Funding	<u>\$0</u>
Construction Cost	<u>\$11,600,000</u>	Other Funding	<u>\$14,250,000</u>
Estimated A/E Fee	<u>6.80% to 8.16%</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>Civil Engineering</u>
Secondary	<u>MEP Engineering</u>
	<u>Structural Engineering</u>
	<u>Landscape Architecture</u>
	<u>Asbestos Evaluating and Abatement</u>
	<u>Construction Administration</u>
Others	<u>Surveying, Geotechnical, Construction Testing</u>

E. Anticipated Schedule

Professional Services Start (mm/yy)	<u>09 / 2013</u>
Construction Contracts Start (mm/yy)	<u>06 / 2014</u>
Construction Contracts Completed (mm/yy)	<u>08 / 2015</u>
Professional Services Completed (mm/yy)	<u>12 / 2015</u>

F. EDGE Participation Goal

Percent of <i>initial</i> TOTAL A/E Fee	<u>5%</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.

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G. Evaluation Criteria for Selection

- The Relevant Project Experience Matrix in Section F. Use the relevant scope items mentioned above only to complete the matrix.
- 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.
- 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).
- 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 address how they will implement Building Information Modeling ("BIM") on the project, experience and level of training of staff related to BIM, incorporation of team partners that have previous BIM experience, and an understanding of collaborative BIM processes, including but not limited to the *State of Ohio BIM Protocol* available at the OFCC website at <http://ofcc.ohio.gov>.

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.

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.

Submit all questions regarding this RFQ in writing to Tom Ekegren at ekegren.3@osu.edu with the project number included in the subject line (no phone calls please). Questions will be answered and posted to the OAKS Capital Improvements (OAKS CI) website at <http://ci.oaks.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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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, 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:

CCCA: Certified Construction Contract Administrator (CSI)

CCM: Certified Construction Manager (CMAA)

CCS: Certified Construction Specifier (CSI)

CDT: Construction Document Technologist (CSI)

DBIA: Design-Build Institute of America

Architect/Engineer Selection Rating Form

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Project Name ERCWP - Ph 2 Distribution Proposer Firm _____
 Project Number 5062-PF07357 City, State, Zip _____

Selection Criteria		Value	Score
1. Primary A/E Firm Location, Size, and Workload (Maximum 10 points)			
a. Proximity of primary A/E firm's office where the majority of work will be performed to the principal project site, and knowledge of local conditions	Less than 50 miles from project site	4 - 5	
	50 miles to 100 miles from project site	2 - 3	
	More than 100 miles from project site	0 - 1	
b. Number of relevant licensed professionals within primary A/E firm available to perform the work (based on Part II of F110-330)	Less than 2 licensed professionals	1	Max = 3
	2 to 10 licensed professionals	2	
	More than 10 licensed professionals	3	
c. Amount of fees awarded by the Contracting Authority to the primary A/E firm in the previous 24 months (exclude projects on hold)	Less than \$250K in previous 24 months	2	
	\$250K to \$1M in previous 24 months	1	
	More than \$1M in previous 24 months	0	
2. Primary A/E Qualifications (Maximum 30 points)			
a. Project Manager (e.g., education, experience, credentials, effective communication skills)	Experience / ability of A/E project manager to manage scope / budget / schedule / quality	0 - 10	
b. Project Designer (e.g., design awards, publications, appropriateness, innovation)	Experience / creativity of project designer to achieve owner's vision and requirements	0 - 5	
c. Technical Staff (e.g., BIM/CAD operator / specifier education, experience, CDT or CCS* credentials)	Experience / ability of technical staff to create fully coordinated construction documents	0 - 5	
d. Construction Administration Staff (e.g., education, experience, CDT or CCCA* credentials)	Experience / ability of field representative to identify and solve issues during construction	0 - 10	
3. Key Consultant Qualifications (Maximum 20 points)			
a. Key Consultants (e.g., civil, mechanical, or electrical engineering, specialty consultants)	Experience / ability of key consultants to perform effectively and collaboratively	1 - 15	
b. Proposed EDGE-certified Consultant Participation** (fully executed Statements of Intent to Contract and Perform with relevant EDGE firms)	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 Collaboration of the Project Team (sample projects on which a significant number of individual team members have worked together)	Less than 2 sample projects	1	
	2 to 4 sample projects	2	
	More than 4 sample projects	3	
b. LEED*** Training / Professional Accreditation (demonstrated either by the primary A/E firm or relevant consultant)	LEED*** Credentials* (Maximum 3 points)	GA	1
		AP	2
		AP+	3
c. LEED*** Registered / Certified Project Experience (demonstrated either by the primary A/E firm or relevant consultant)	LEED*** Registered Projects (RP) or LEED*** Certified Projects (CP) (Maximum 2 points)	RP	1
		CP	2
d. Team Organization (showed formal relationships between owner, contracting authority, consultants)	Clarity of responsibility / communication demonstrated by table of organization	0 - 2	
5. Overall Team Experience (Maximum 30 points)			
a. Past Performance of the Project Team (provided reference letters from sample project contacts)	Past performance as indicated by A/E evaluations and letters of reference	0 - 10	
b. Experience with similar projects and anticipated project delivery method (e.g., Multiple-Prime, General Contracting, CM at Risk, Design-Build)	Less than 3 projects	0 - 3	
	3 to 6 projects	4 - 6	
	More than 6 projects	7 - 10	
c. Budget and Schedule Management (included data on estimate versus bid and original contract sum & time versus change orders for sample projects)	Performance in completing projects within original construction budget and schedule	0 - 5	
d. Knowledge of Ohio Capital Improvements Process (e.g., experience following the <i>OFC Manual</i> , the Standard Requirements, and ORC Chapter 153)	Less than 3 projects	0 - 1	
	3 to 6 projects	2 - 3	
	More than 6 projects	4 - 5	
* Refer to list of applicable credentials in Section H of the RFQ ** Must be comprised of professional design services consulting firm(s) and NOT the primary A/E firm *** Leadership in Energy & Environmental Design administered by the Green Building Certification Institute		Subtotal	

Notes:

Evaluator:

Name _____

Signature _____

Date _____