



PREQUALIFICATION CRITERIA

Prequalification No.:

Title: National Historic Preservation of K-25 Facility – Equipment Building and Viewing Tower Project

Buyer/SCA: Kari Schwenkner

Due Date: January 3, 2019

Background:

UCOR (the CONTRACTOR) was selected by the U. S. Department of Energy Oak Ridge Environmental Management (DOE-OREM) to manage the site interpretation and K-25 Historic Preservation activities at the East Tennessee Technology Park (ETTP) in Oak Ridge, Tennessee. As part of this work scope, UCOR is responsible for construction of an Equipment Building, Viewing Tower, and associated site improvements. This work is being performed to comply with historic preservation requirements for K-25 and to fulfill stipulations laid out in a Memorandum of Agreement (MOA) between multiple stakeholder parties.

A new open air building that will represent a portion of the former K-25 gaseous diffusion building will be constructed on DOE-OREM property located just west of the History Center (which will be open and receiving visitors starting in the 3rd quarter of calendar year 2019.) This Equipment Building will be a 3-story steel and concrete structure with approximately 3,400 square feet on each floor level. The Equipment Building will provide a cross section of the K-25 Building displaying gaseous diffusion technology and representing operating conditions. Visitors will access the ground floor area to view equipment and exhibit galleries. The 2nd and 3rd floors of the Equipment Building with their equipment displays will be viewed from the adjacent Viewing Tower.

A new multi-story Viewing Tower approximately 70 feet tall will be constructed immediately north of the Equipment Building. The Viewing Tower will be accessed by an elevator that takes visitors to the top level of the tower where a glass walled viewing area approximately 2,110 square feet in size provides a panoramic view of the ETTP site and surrounding area. Exhibits on the top level of the Viewing Tower will focus on the size, scope, and scale of K-25 and supporting facilities at the site. Visitors will exit the top level of the tower by stairs, pausing at each landing to view the Equipment Building and interact with exhibits. Restroom facilities and outdoor exhibits will be located at the base of the Viewing Tower. The site improvements scope includes construction of a paved walking loop with historically relevant exhibits North of the Viewing Tower and landscaping of the surrounding grounds.

URS | CH2M Oak Ridge LLC (UCOR) intends to issue a Request for Proposal (RFP) for award of a Firm Fixed Price Subcontract to provide services/goods generally described below to prequalified offerors only.

Accordingly, to be deemed prequalified to receive an RFP, a potential offeror must provide such documentation necessary to demonstrate its ability to meet each element of the Prequalification Criteria set forth below. Please organize submitted information in such a manner that reviewers can easily locate responses to questions and requirements. Information submitted that does not directly address the Prequalification Criteria below will not be considered. Failure to clearly state how the criteria are met or failure to respond by the stipulated time may result in a potential offeror not receiving an RFP.

To support the prequalification evaluation process, provide the following prime potential offeror information:

Potential Prime Offeror Company Name:	
Address:	
Contact Name:	
Phone Number:	
Facsimile Number:	
E-mail Address:	
DUNS No.:	



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It is expected that potential offerors will be prequalified based primarily upon the experience and capabilities of the prime prequalifying company as described in its prequalification submission. The prime company may elect to satisfy some Prequalification Criteria that cannot be met directly by the prime through the prequalification of a teaming partner(s) and/or lower-tier subcontractor(s). Any change in the composition of the company, team, or other legal entity (including business unit changes) that prequalifies will cause that company's, team's, or other legal entity's prequalification to be void. Prospective offerors that encounter a change in the composition of its company, team, or legal entity must resubmit a new prequalification submission for evaluation and approval before their proposal will be accepted.

Experience of the potential prime offeror (potential prime subcontractor), lower-tier subcontractors, or other teaming partners shall be limited to its corporate experience. Experience of parent companies, subsidiaries, or other corporate affiliates will not be considered unless these corporate entities are also a part of the potential offeror's team and meet all applicable requirements of these Prequalification Criteria. UCOR will consider only employees currently on staff or potential employees from whom written commitment to participate in any resultant agreement with the potential offeror has been documented and submitted with responses to Prequalification Criteria.

Note: UCOR reserves the right to disqualify a firm and/or its teaming partners from proposing on work if UCOR has actual knowledge of poor safety, quality, financial, and/or schedule performance on existing and/or past work for UCOR or others. This right to disqualify applies even if the firm and/or their teaming partners have otherwise met all other UCOR Prequalification Criteria.

The Subcontract contemplated may include, but not necessarily be limited to, the following work:

Construction of the Equipment Building, Viewing Tower, and associated site improvements.

Summary Scope of Work:

UCOR will require Construction Services in support of its Environmental Management Cleanup Contract with the U. S. Department of Energy Oak Ridge Operations Office (DOE-ORO), DOE Contract No. DE-SE-0004645.

Under the East Tennessee Environmental Cleanup Contract, UCOR is responsible for the execution of the Environmental Restoration and Waste Management program at the DOE sites in Oak Ridge, Tennessee.

Work Included:

The subcontractor shall provide all labor, equipment, materials, certifications, permits, and licenses, unless otherwise specified.

The subcontractor will be responsible for construction of the Equipment Building, including foundations, building structure, electrical and lighting, and preparation for installation of exhibits and replica equipment.

The subcontractor will be responsible for construction of the Viewing Tower, including electrical and lighting for the entire tower, HVAC, fire sprinkler system, and alarm system for the top level of the tower, elevator and mechanical equipment, restroom facilities, and preparation for installation of exhibits and replica equipment.

Site improvements include walkways, landscaping, exterior lighting, historic signage, and creation of a concrete pathway where three wayside exhibits will be installed. The subcontractor will be responsible for site grading, utility connections, installations of the concrete walkways, landscape planting, installation of exterior lighting, historic signage, concrete pathway for wayside exhibits and preparation for installation of exterior exhibits and equipment.

Work Not Included:

Exhibit fabrication and installation in the Equipment Building, Viewing Tower and exterior spaces.

RADCON technician support and oversight.



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Location of the Work:

ETTP

Subcontract Type:

Firm Fixed Price

Period of Performance: Spring 2019 through 2020

Socio-Economic Set-Aside: Small Business

Anticipated RFP NAICS Code: 236220, Commercial & Institutional Building Construction

Size Standard for NAICS Code: \$36.5 Million

Labor Standard Determination: Davis Bacon Act

Classified Work is included: Yes No

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Potential offerors (prime subcontractor), their teaming partners, and/or subcontractors, as appropriate, must be able to answer “yes” to each of criterion listed below to be considered prequalified to receive an RFP issued as a result of this Prequalification Request.

UCOR may elect not to prequalify a potential offeror that has relied too heavily on subcontractors to satisfy Prequalification Criteria.

1. Commercial Data

- A. Has the potential offeror signed up and entered their information in [UCOR's Supplier Portal?](#)
 Yes No
- B. Does the potential offeror have capability and capacity to provide Performance and Payment Bonds in the range of \$5M - \$12M?
 Yes No
Supporting Documentation Required: Provide written evidence such as a letter from an approved surety or credit company indicating that the required financial surety can be provided if awarded the subcontract.
- C. Has the potential offeror, including parent companies or subsidiaries, within the last five years, completed all contract work without default and without a Performance Bond being called to complete performance that the Respondent otherwise failed to complete?
 Yes No
- D. Does the potential offeror have a valid Contractor's license for the state of TN?
 Yes No
Supporting Documentation Required: Please provide a copy of the license.
- E. Can the potential offeror provide the following levels of insurance coverage throughout the performance of the work?

- **Workers' Compensation** as required by any applicable law or regulation FOR ALL EMPLOYEES FALLING OUTSIDE OF THE WORKERS' COMPENSATION LAWS OF TENNESSEE AND FOR WORK PERFORMED AT LOCATIONS NOT MANAGED OR CONTROLLED BY CONTRACTOR. If there is an exposure of injury to SUBCONTRACTOR'S employees under the U.S. Longshoremen's and Harbor Workers' Compensation Act, the Jones Act or under laws, regulations or statutes applicable to maritime employees, coverage shall be included for such injuries or claims.



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- **Commercial General Liability** (“occurrence form”) covering all operations by or on behalf of SUBCONTRACTOR **FOR ALL WORK PERFORMED AT LOCATIONS NOT CONTROLLED OR MANAGED BY CONTRACTOR**, providing insurance for bodily injury liability and property damage liability and including coverage for:
 - *Premises and Operations*
 - *Products and Completed Operations*
 - *Contractual Liability*
 - *Broad Form Property Damage (including Completed Operations)*
 - *Explosion, Collapse and Underground Hazards*
 - *Personal Injury Liability*

Policy limits shall not be less than \$1,000,000 - Combined single limits for Bodily Injury and Property Damage each occurrence; \$2,000,000 General aggregate; \$2,000,000 Products and Completed Operations Aggregate. Completed Operations coverage shall be maintained for five (5) years after project completion.

- Automobile Liability Insurance including coverage for the operation of any non-DOE owned vehicle, **AT OR AWAY FROM THE PROJECT SITE**, including but not limited to, owned, hired and non-owned automobiles. SUBCONTRACTOR’S Automobile Liability Insurance shall include coverage for Automobile Contractual Liability. Policy limits shall not be less than \$1,000,000 – Combined single limit for Bodily Injury and Property Damage Liability for any one accident or loss.

Yes No

2. Environment, Safety & Health

All subcontracted work will be executed in accordance with UCOR’s Environment, Safety and Health (ES&H) Program.

NOTE: In sections B and C: If your company rates exceed UCOR’s safety criteria please include additional information such as details of the injury(s), specific work being performed, corrective measures taken to improve your company’s safety performance. UCOR will evaluate this information, along with your rates to possibly qualify you with respect to safety.

Does your firm, teaming partners and/or subcontractors conform to the following requirements?

Yes No

All potential subcontractors, sub-tier subcontractors, and teaming partners proposing to work on UCOR managed sites must meet the (ES&H qualification requirements defined below. Respondents failing to meet the ES&H qualification requirements will not be prequalified to receive a RFP.

All data and information required below must be submitted for the Offeror and each lower-tier subcontractor and/or teaming partner (if any) proposed to perform any portion of the Work on-site as identified by the Respondent.

The content of this request may be duplicated as necessary for submittal of data for teaming partner(s) and lower tier subcontractor(s). Note that the content of this request must also be used by a successful Subcontractor to submit data to qualify any proposed substitution of subtier subcontractors after award of the Subcontract.

Data submitted for (Company Name):

This Company is proposed as (check one):



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- Prime subcontractor
- Sub-tier subcontractor
- Teaming Partner

A. Worker's Compensation Experience Modification Rate (EMR):

Include a copy of a letter from the Company's insurance carrier substantiating the Average EMR for the previous three years.

Note: The Company, including all divisions, must have an **average** Experience Modification Rate (EMR) of 1.0 or less for the previous three years. The following states rate the experience modification independently: California, Delaware, Michigan, Nevada, New Jersey, Ohio, Pennsylvania, Washington, and West Virginia. The insurance carrier must certify EMR rates in writing.

List your company's (total including all divisions) EMR for the three (3) most recent years

2015	2016	2017
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B. OSHA Recordable Rates:

List your company's Occupational Safety and Health (OSHA) Recordable Rates (total including all divisions) for the previous three (3) years. Include a copy of the Company's completed OSHA Form 300 logs addressing the previous three years.

Note: The Company, including all divisions, must have an **average** OSHA Total Recordable Case Rate of 2.8 or less for the previous three years.

List your company's (total including all divisions) OSHA Recordable case rates for the past three- (3) years.

2015	2016	2017
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C. OSHA Lost Workday Case Rates:

List your company's Lost Workday Case Rates (total including all divisions) for the previous three (3) years. Include a copy of the Company's completed OSHA Form 300 logs addressing the previous three years.

Note: The company, including all divisions, must have an **average** Total (OSHA) Lost Workday Case Rate of 0.60 or less for the previous three years.

List your company's (total including all divisions) OSHA Lost Workday Case Rates (away from work only) case rates for the previous three (3) years.

2015	2016	2017
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Additional Information

List your company's (total including all divisions) Employee hours (total) worked per year for the previous three (3) years (do not include any non-work time, even though paid):

2015	2016	2017
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Note: The CONTRACTOR calculates these rates as: (Number of injuries and illnesses X 200,000) / Employee hours worked = Incidence rate

Number of injuries and illnesses = Number of OSHA recordable injury and illness cases including lost workday cases (away from work only)

200,000 = Base for 100 full time equivalent workers for one year.

Additional information on how to compute a firm's incidence rate is available from the U.S. Department of Labor's website at <http://stats.bls.gov/iif/osheval.htm>.



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Companies not meeting the average rates for either A, B, or C above may be disqualified to receive a Request for Proposal for the work stated herein. In the event a company is prequalifying on a sole source basis, submit rates in accordance with the above with a detailed explanation for any year that does not meet the average rate(s).

D. Has your company worked the previous three (3) years without a fatality or without receiving any willful or non-willful citations or fines from OSHA or other regulatory organizations?

Yes No

E. Has your company worked the previous three (3) years without receiving, or contributing to the receipt of, any citations, or fines for Price-Anderson Amendments Act (PAAA) or Worker Safety & Health enforcement non-compliances?

Yes No

If No, were any fines levied?

Yes No

F. Has your company worked the previous three (3) years without receiving, or contributing to the receipt of, any citations by a Federal or state agency for violations of an environmental regulatory requirement?

Yes No

If No, were any fines or penalties levied?

Yes No

NOTE: If your company, or a Division of your company, has worked or is currently working at a UCOR managed site, UCOR will consider your ES&H performance during the ES&H qualification process.

3. Quality Assurance Program

Potential offerors (prime subcontractor), their teaming partners, and/or subcontractors, as appropriate, must be able to answer "yes" to **either A or B below**:

A. Does the potential offeror have a Quality Assurance (QA) Program meeting the requirements of 10 CFR 830 Subpart A?

Yes No

Potential offeror shall furnish **only** a copy of the QA Program Table of Contents, an organization chart, and a brief summary that clearly identifies how each of the following requirements will be implemented under a resulting Subcontract.

The summary must include the following elements, and the implementation of each of these elements must be clearly addressed (the level of rigor applied to the elements shall be commensurate with the risks associated with the Work):

- A description of the organizational structure, functional responsibilities, levels of authority, and interfaces for those managing, performing, and assessing the Work.
- Personnel Training and Qualifications
- Quality Improvement
- Documents and Records
- Work Processes
- Design (including software quality assurance)
- Procurement
- Inspection and Acceptance Testing
- Management Assessment
- Independent Assessment



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Note: After review of the table of contents and QA summary, UCOR may require submittal of the company QA Plan in its entirety. The prequalifying company shall provide this only upon request.

- B. The potential offeror agrees that subcontracted personnel shall work to the UCOR Quality Assurance Program meeting the requirements of 10 CFR 830 Subpart A?

Yes No

4. Technical Criteria:

- A. Does the prime potential offeror have directly relevant experience in planning, managing, and executing construction work of the type described above, specifically construction of new steel and concrete structures, installation of elevators, installation of electrical, plumbing, HVAC, and site improvement activities? Please provide direct relevant experience documentation as described below. (Note: This criterion must be answered ONLY for the prime potential offeror – not the potential offeror's team.)

Yes No

- B. Does the prime potential offeror or its lower-tier subcontractors, and/or teaming partners have construction experience with any federal projects?

Yes No

- C. Does the prime potential offeror, its sub-tier subcontractors, or teaming partners, have experience installing fire sprinkler and fire alarm systems?

Yes No

5. Direct Relevant Experience Documentation:

Provide a reference list of example construction projects that demonstrate the directly relevant project experience to support each of the foregoing Prequalification Criteria. Example projects should be detailed as to both the technical scope of the project and the potential offeror's participation in the project. In the case of a teaming arrangement, joint venture, or where first-tier subcontractors will play a significant role in the performance of this subcontract, a separate list will be submitted for each entity, as applicable, to document such experience. Each reference will include an explanation of relevance. Relevant experience in work of a nature directly similar in type and magnitude to that set forth in this Prequalification must have been executed within the last five years have a total project value in excess of \$5M:

- A. Include projects and references for current and previously completed work at DOE sites.
- B. Include projects and references for any current or previous work on AECOM and/or Jacobs (CH2M) projects.
- C. Include projects and references for any current or previous similar sized museum or other similar historical, cultural or institutional building.
- D. Include the following information as a minimum:
 - E. Entity seeking Prequalification:
 - F. General Company background statement
 - G. List of current permits/ licenses that would apply to the work
 - H. Expected Role in this Project:
 - I. Client Name, Address, Contact and Telephone Number:
 - J. Work Description:
 - K. Value:



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- L. Location:
- M. Commence/Complete:

6. Direct Relevant Home Office/ Infrastructure Documentation:

Describe the existing infrastructure and home office support to support the scope of this project. Please provide an organizational chart or narrative documentation that demonstrates how procurement, logistics, project controls, business management, QA, ES&H, and project management support is handled within your organization.

RESPONSE SUBMITTAL

Electronic response (e-mail w/ attachments) is the preferred method of response and is required by no later than January 3, 2019. When an electronic response is not possible, prequalifying documentation may be sent via U.S. Mail or Priority Mail (e.g. Fed-Ex, UPS, DHL, etc.) but must be received by close of business on the due date to be considered.

Include the name, title, address, telephone number, facsimile telephone number, and e-mail address of the responsible person to whom future communications regarding the pre-qualification should be addressed. **Note: All information submitted in response to this prequalification must be submitted by the prime potential offeror (i.e., the Respondent).**

Address prequalifying documentation and evidence to:

E-mail: kari.schwenkner@ettp.doe.gov

For physical delivery, the street address is:

URS | CH2M Oak Ridge LLC
90 Union Valley
Oak Ridge, Tennessee 37831
Attention: Kari Schwenkner, SCA
Prequalification No.:

Questions may be addressed to the responsible Subcontract Administrator at:

E-mail: kari.schwenkner@ettp.doe.gov
Telephone: 865-574-6678