Request for Qualifications – Engineers  
NATURAL GAS BYPASS PIPELINE

The University of Arkansas Fayetteville, in accordance with the policies of the Board of Trustees, is soliciting responses from qualified engineers for a university-owned Natural Gas Bypass Pipeline (UA Bypass).

PROJECT DESCRIPTION

This project will construct an intrastate natural gas pipeline to provide high pressure gas service for the combustion turbine generator being installed at the University of Arkansas. The Combined Heating and Power project (CHP) will nearly double the volume of gas used by the central heating plant. The new pipeline will support transmission level pressures required by the natural gas turbine generator. The design engineering for this project will be comprehensive, and will include all required operational systems—such as custody level gas metering, pipeline maintenance and safety systems, data telemetry systems, pipeline protective systems—and all necessary permitting, supports of right of way acquisition, and construction and permanent utility easements.

The primary purpose of the UA Bypass project is to better manage and stabilize long term natural gas supply and costs. Stable utility costs allow for more effective management of limited budget resources and provide for more accurate budget forecasting. This operational cost stability will contribute to the financial and operational success of the CHP. In addition, this financial benefit will extend broadly to campus users and auxiliary operations, such as University Housing and Arkansas Athletics, to help them better manage their cost of operations.

Experience with this type of project is a requirement for qualification. The design team will be expected to address the relevant utility and site engineering issues associated with high pressure natural gas pipelines. Experience with not only the technical, but applicable legal and environmental compliance requirements to all local, state, and federal regulations associated with the design, construction, and commissioning of high pressure natural gas pipelines should be demonstrated. The scope of work will necessarily involve utility and MEP engineering, civil engineering, landscape restoration, and other potential environmental accommodations. Firms responding to this request for qualifications should structure their teams accordingly.

Engineers and consultants will work with Facilities Management, a general contractor/construction manager, and an independent third-party commissioning agent to advance overall site and campus master planning principles, as well as sustainability initiatives. The project will be fully commissioned and constructed as required by all local, state, and federal requirements for natural gas pipeline installation, maintenance, and operations.
The total project cost for the UA Gas Bypass and associated district infrastructure is currently estimated at $6.0 million. The estimated design and construction timeline is 12-18 months. For general campus planning and standards information, visit http://planning.uark.edu.

**SUBMISSION**

The deadline for responses is 1:00 PM CST on Friday, November 21, 2014. All respondents will be notified of the results by EMAIL, so please provide accurate contact information.

**Address ten (10) copies of responses to:**

Jill Anthes, campus planner
University of Arkansas
Facilities Management Planning Group
521 S. Razorback Road, FAMA C-100
Fayetteville, AR 72701

Statements of Qualification will be reviewed by a selection committee using a standardized *Design Services Shortlist Evaluation* form. This form is available for download at http://planning.uark.edu/rfq.

Written responses should include, at minimum:

1. Proof of licensure or eligibility:

   *Engineers:* All engineers shall hold individual licenses in the State of Arkansas, and all engineering firms shall hold a valid Certificate of Authorization (COA) issued by the Arkansas State Board of Licensure for Professional Engineers and Professional Surveyors. Joint venture firms are also required to hold a COA. A COPY OF A VALID ARKANSAS CERTIFICATE OF AUTHORIZATION MUST BE INCLUDED WITH THE SUBMITTAL.

   *Landscape Architects:* All firms shall be licensed by the Arkansas State Board of Architects, Landscape Architects, and Interior Designers. A COPY A VALID ARKANSAS LICENSE MUST BE INCLUDED WITH THE SUBMITTAL.

2. Proof of current professional liability insurance coverage ($1,000,000 minimum required)
3. Specific project experience (within the past five years) with infrastructure projects involving intrastate pipelines, natural gas ancillary systems and related safety and telemetry systems
4. Specific project experience with the design of high pressure natural gas pipelines and the technical, legal and environmental regulatory requirements of the same
5. Current office size, personnel description, and workload
6. Organizational chart for design team and all consultants
7. Prior experience with fully commissioned pipeline or process system projects
8. Projects currently under contract with state agencies or educational facilities
9. Statement of diversity in the workforce, if applicable
10. Certificate of women-owned or minority-owned business, if applicable

Professional Services Required:

SITE AND PIPELINE ROUTE FEASIBILITY ASSESSMENTS, ENVIRONMENTAL ASSESSMENTS, PERMITTING, APPLICABLE LEGAL AND R.O.W. SERVICES, COST ESTIMATING, SCHEMATIC DESIGN, DESIGN DEVELOPMENT, CONSTRUCTION DOCUMENTS, BIDDING, CONSTRUCTION ADMINISTRATION, INSPECTION SERVICES, AND PROJECT CLOSEOUT.

LOCATION

The project will begin near Nettleship Street and Eastern Avenue in Fayetteville, and will extend approximately four (4) miles west. The exact route has yet to be determined. The natural gas bypass pipeline will connect into the EGT interstate pipeline near Farmington.