



August 25, 2016

South Dakota

BUREAU OF ADMINISTRATION

OFFICE OF THE STATE ENGINEER

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STATEMENT OF INTEREST

To : Interested engineering firms and national energy auditing firms

Re: State of South Dakota
State Wide Energy Study
Department of Transportation
OSE # T2217--01X

On behalf of the Department of Transportation, the Office of the State Engineer is soliciting Statements of Interest from interested Firms to perform ASHRAE level II energy audits of statewide Department of Transportation facilities. Professional services will focus on a statewide study with budget estimates and pre-qualification for target opportunities. The scope of this Statement of Interest may include future project design and construction administration. All subconsultants must be approved by the Department of Transportation.

Scope of work shall include:

- (1) Assess energy and water costs and efficiency by analyzing historical energy and water use information.
- (2) Survey each facility and study its operational characteristics, accompanied by the building operator. Acquire a basic understanding of the mechanical and electrical systems and perform a walk-through to become familiar with the construction, equipment, operation, and maintenance of each building.
- (3) Identify and provide general summaries for each campus to include potential savings measures.
- (4) List potential capital improvements that merit further consideration along with initial judgement of potential savings and costs.
- (5) Examine supply side and demand side opportunities for each campus.
- (6) Provide an Energy Master Plan for each facility identified by the Department of Transportation Information regarding each statewide facility.

Deliverables shall include:

- (1) Identify energy efficiency measures that may be taken by the Department of Transportation to achieve a reduction in energy consumption; and
- (2) Estimate the costs associated with the energy efficiency measures.

- (3) Provide the estimated energy savings along with the simple payback for each energy efficiency measure.
- (4) Provide a final written report by April 1, 2017.

The scope of the project will include approximately 925,000 square feet of space located at DOT buildings and facilities statewide. The Owner will provide lists and locations of all buildings, electronic and hard copies of as-built plans / floor plans (as available), energy use data, etc.

Statements of Interest should include at a minimum (shown with relative importance):

- (1) Specialized expertise, capabilities and technical competence as demonstrated by the proposed approach and methodology to meet the project requirements; 25%
- (2) Resources available to perform the work, including any specialized services, within the specified time limits for the project; 25%
- (3) Record of past performance, including price and cost data from previous projects, quality of work, ability to meet schedules, cost control, and contract administration; 20%
- (4) Availability to the project locale; 10%
- (5) Familiarity with the project locale; 10%
- (6) Proposed project management techniques; 5%
- (7) Ability and proven history in handling special project constraints; 5%

Interested Firms should submit three hard copies and one electronic copy of a Statement of Interest by October 4, 2016 to:

Kristi Honeywell, P.E.
Office of the State Engineer
523 E. Capitol Ave., Pierre, SD 57501
(605) 773-3466

A technical review committee will select a firm based on qualifications as shown above.

Thank you for your interest in this project



KRISTI HONEYWELL, P.E.
State Engineer
Office of the State Engineer

c.c. Brian Moore, DOT
Michele Farris, State Energy Manager
OSE project file