

LEWIS COUNTY NOTICE TO CONSULTANTS FOR:

**Request for Proposal (RFP)
2017-2018 Annual Structural Engineering Services**

Lewis County is interested in entering into a professional services contract with a consulting firm to provide annual structural engineering services. The agreement will be for one year in duration with an option to extend for an additional year by mutual agreement.

Lewis County solicits proposals from qualified consultants to provide structural engineering services for the following:

Scope of Work

General Structural Engineering Services

General Scope of Services:

- A) Inspection: Routine bridge inspection services for various structures, including data input to the WSDOT bridge data storage location; may include inventorying of new bridges.
- B) Load Rating: Routine and damaged structure load rating services for various bridges within Lewis County.
- C) Assessments: Structural investigations, evaluation of alternatives, benefit/cost analyses, and recommendations for emergency structural repairs for various structures.
- D) Design: Structural design and plan preparation services (PS&E) for emergency repairs of various transportation structures, retaining walls, and highway bridges.

Description of Specific Anticipated Work:

- 1) Evaluate and rate Lewis County bridges to meet the minimum requirements of the FHWA memorandum dated November 15, 2013. Lewis County will perform the analysis needed to determine which bridges are most relevant then provide the consultant a list and all available documents to perform the load rating as required.
- 2) Perform load rating of two steel truss bridges. The two steel bridges are Ferrier MP 3.49, bridge number 210000093 and Hendrickson MP 0.03, bridge number 210000099. The load rating for the steel truss bridges shall be done to meet the requirement of the FHWA memorandum (Notional Loading and SHV loading when applicable). Design plans, original load rating calculations and load calculations performed following a structural improvement in 2011 are on file at Lewis County Public Works.
- 3) Perform load rating of a pre-fabricated steel girder Big-R bridge. The load rating shall be for the three design configurations, a 45 foot span, 75 foot span and

combined 120 foot span. The load rating shall be as specified in the National Bridge Inspection standards (NBIS) and the AASHTO Manual for Bridge Evaluation (MBE) and the FHWA memo. Lewis County has design calculations for the structure.

- 4) Repair to Morton transfer facility. Repair consists of rehabilitating a concrete and steel chute used to direct residential garbage from the facilities tipping floor to the truck transfer box below floor level. The anchorage points of the steel to concrete have spalled and no longer attached.
- 5) Evaluate and provide three recommendations along with life cycle costs, specifications and estimates for a transfer facility tipping floor overlay. Existing tipping floor is wearing and spalling.
- 6) Other agreed upon work that may require structural analysis, calculations, plans and specifications, reviews and recommended repairs to various county infrastructures. Estimated 150 hours for the two year contract.

SUBMITTAL

Interested consultants shall provide a statement of qualifications, experience and extent of involvement for the assigned personnel on similar projects. The proposal shall include the project name, description and contact information for each project. The proposal must be limited to eight (8) pages, double sided if needed.

Submittals will be evaluated and ranked equal weight for the following criteria: 1) Qualification of key personnel; 2) Relevant experience; 3) Familiarity with WSDOT standard specifications; and 4) Availability and response time.

Lewis County is an equal opportunity and affirmative action employer. Disadvantaged, minority, and women-owned firms are encouraged to submit statements.

Firms desiring consideration shall submit three copies of a complete proposal packet to Lewis County Public Works by 4:00 PM January 23, 2017.

For more information about the project and submittal requirements contact Don Carney, Lewis County Public Works at 360-740-2695 or donald.carney@lewiscountywa.gov.

The Recipient, in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 200D-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, nondiscrimination in federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that any contract entered into pursuant to this advertisement, disadvantaged enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin, or sex in consideration for an award.