

# LEWIS COUNTY NOTICE TO CONSULTANTS FOR:

## **Request for Proposal (RFP) Annual Hydrologic, Hydraulic, and Geomorphic Services**

Lewis County Department of Public Works solicits interest from consultants who wish to be evaluated and considered to provide Countywide Annual Hydrologic, Hydraulic, and Geomorphic Services. The agreement(s) will be for one (1) year in duration with an option to extend for an additional year. The agreement amount is not to exceed \$125,000. If necessary, the Agreement may be supplemented for additional time and/or money, if both parties are interested.

### **Scope of Work**

The selected consultant is to provide Annual Hydrology, Hydraulic, and Geomorphology Services for upcoming public works projects. This may include but is not limited to providing hydrologic analysis, hydraulic analysis (one and two-dimensional modeling), geomorphic analysis, and/or similar work.

### General Scope of Services:

- A) Hydrologic Analysis –
  - perform floodplain studies and hydrologic analysis
  - evaluate and design structures for stormwater retention, detention and/or treatment
  - provide analysis of drainage basins using various techniques and computer models to calculate streamflow
- B) Hydraulic Analysis –
  - perform hydraulic analysis of bridges, including hydraulic conveyance floodplain impacts, foundation scour analysis, sediment transport analysis using one and two dimensional modeling -- depending on the application.
  - evaluate existing and proposed bridges and culverts
  - design bank/scour protection, and river retraining structures
  - evaluate channel improvement effects/impacts of scour/bank protection and river training structures
  - perform zero rise analysis for proposed projects
- C) Geomorphic Analysis –
  - perform stream investigation and analysis using principles of fluvial geomorphology
  - perform sediment transport analysis
- D) Environmental Permit Assistance–
  - prepare plans, reports and maps to assist Lewis County with project environmental permit applications and pre-project meeting with various regulatory agencies

### Description of Anticipated Work:

While there are no proposed projects requiring these services at this time, due to flooding issues, Lewis County often finds there is a need of the aforementioned services for emergency bank stabilization and bridge repair projects.

## **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 shall be limited to ten (10) 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) Availability and response time; and 4) Previous project examples.

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

Firms desiring consideration shall submit four copies of a complete proposal packet to Tim Fife, Assistant County Engineers at Lewis County Public Works, 2025 NE Kresky Avenue, Chehalis, WA 98532, by 1:00 PM June 23, 2017.

For more information about the project and submittal requirements contact Ann Weckback, Environmental Planner at 360-740-1440 or [Ann.Weckback@lewiscountywa.gov](mailto:Ann.Weckback@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.