

**REQUEST FOR FEE PROPOSALS #2020-PW01**

**FOR**

**PAVEMENT ANALYSIS AND DESIGN**

**FOR**

**BARKER ROAD RECONSTRUCTION AND RESURFACING PROJECT**



**HOOD RIVER COUNTY PUBLIC WORKS  
918 18TH STREET  
HOOD RIVER, OREGON 97031  
(541) 386-2616  
May, 2020**

**Overview:**

Hood River County is requesting Fee Proposals to provide pavement analysis and design services for the street reconstruction and resurfacing of Barker Road, located between Tucker Road (HWY 281) and Guignard Road in Hood River County, Oregon. Barker Road is a Rural Local Access Road that runs in the north-south direction connecting Tucker Road to Guignard Road and serves both rural residential and light-industrial properties. The overall project is approximately 1,400 feet in length and is anticipated to go to construction during the summer of 2021.

**Background:**

Barker Road is broken down into the following section:

Section	Street Name	Begin Location	End Location	Lanes	Length (LF)	Width (LF)	Area (SF)	PCI
1.0	Barker Road	Tucker Road	Guignard Road	2	1,400	25	35,000	N/A

**Table 1: Barker Road Section Information**

**Scope of Services, Deliverables and Schedule:**

The County is requesting the consultant prepare a Scope of Work and corresponding Fee Schedule to provide pavement analysis and design options for Barker Road. See Table 1 above for section information.

Analysis and design (i.e., rehabilitation) options may include but not be limited to, full depth aggregate road reconstruction, base failure repairs, hot mix asphalt concrete (HMAC) overlay, milling and filling, and full depth reclamation with a cement treated base (FDR/ CTB). Pavement design is necessary in order to improve the structural integrity, ride quality and appearance of Barker Road, as well as to extend the useful life of the roadway section street and to select the appropriate and most cost effective method of treatment.

Factors the consultant will be expected to consider when formulating design options for Barker Road shall include:

- A desired 20-year proposed pavement design life
- Documentation of the existing pavement conditions
- Subsurface geotechnical field investigation (Three cores taken roughly every 500 feet)
- Street cross-slopes at driveways and driveway tie-ins to edge of pavement
- Review of adopted roadway sections and potential variances needed
- Minimizing costs associated with the relocation of existing utilities
- Addressing surface water and drainage runoff

- Adjacent industrial land uses
- Consultation meetings with Hood River County Public Works staff

A Final Design Report quantifying all relevant project analysis and design findings shall be submitted to the County, inclusive of but not limited to the following information:

- The pavement structural requirements for Barker Road
- An analysis of the subsurface geotechnical investigation coring activities
- A description of the testing procedures used
- A description of any external factors impacting the analysis performed for the project
- A cost analysis for at least three (3) recommended treatment options
- Final recommendations for a preferred treatment option based on cost analysis and maintenance expectations

Delivery of the Final Design Report shall be as two hard copies and one electronic copy (PDF).

**RFP Submittal Requirements:**

The Proposal shall include, at a minimum, the following information:

- The Consultant’s profile, design experience, and contact information
- A complete list of any proposed sub-consultants and personnel
- A detailed proposed Scope of Work or Services
- An itemized Fee Schedule for the Consultant’s proposed work tasks
- A description of the Consultant’s estimating accuracy for similar type projects
- Three reference projects similar in nature or type
- A description of Consultant’s Quality Control practices (QC Plan)
- A tentative project schedule capable of meeting a June 2021 construction schedule

**Proposal Schedule:**

The schedule for the requested Fee Proposals is as follows:

Issue Request for Proposals	May 22, 2020
Proposals Due	June 12, 2020
Proposals Evaluated	June 26, 2020
Service Agreement Negotiated	July 17, 2020
Contract Executed	July 31, 2020
Notice to Proceed Issued	August 3, 2020
Final Design Report Due	October 9, 2020

**Closing Date and Submittal:**

All Proposals must be received **on or before June 12, 2020 at 2:00 pm PST** to be considered. Proposals may be submitted by USPS mail or other carrier, or may be submitted electronically via email. All Proposals must be clearly titled **“Pavement Analysis and Design for Barker Road Reconstruction and Resurfacing Project, #2020-PW01”** and submitted to:

By Mail or Carrier:

Hood River County Public Works  
Attn: Chris Harrell, Engineering Manager  
918 18th Street  
Hood River, OR 97031

By Email:

[chris.harrell@co.hood-river.or.us](mailto:chris.harrell@co.hood-river.or.us) AND Cc: to [mikel.diwan@co.hood-river.or.us](mailto:mikel.diwan@co.hood-river.or.us)

The Consultant shall be solely responsible for ensuring their Proposal is submitted and received before the closing date and time. Hood River County assumes no responsibility for delays incurred through any mail delivery service or through any electronic form of delivery.

**Proposal Evaluation and Consultant Selection:**

Selection of a Consultant will be based on an evaluation of the received proposals and will take into consideration a variety of factors which best serve the County's needs and schedule. General criteria to be used in evaluating the proposals will include the Consultant's:

- Work experience
- Expertise
- Quality Control Plan
- Accuracy of report/analysis
- Cost Estimating Accuracy
- Cost of services

The selected Consultant will be expected to demonstrate skills and experience in the following areas:

- Pavement design criteria and standards for asphalt pavement structures.
- Experience with pavement design for major county roads and for ODOT standards and guidelines; including the use of new technologies associated with pavement engineering.
- A broad understanding of the work to be performed and experience with similar types of work.
- Extensive experience in designing roadway surface treatments.

- Demonstration of qualified resources in the areas of geotechnical and pavement engineering, and pavement construction and rehabilitation.
- A proven ability to complete project deliverables on schedule and within the project budget.
- Experience with the construction, modification, and operations and maintenance procedures of municipal infrastructure.

The Consultant is anticipated to be selected in accordance with the “Informal Selection Process” requirements of Section 5.48.305 of the Hood River County Contracting and Purchasing Rules, as described in Section 2-A of the Hood River County Administrative Code. However, Hood River County reserves the right to select and appoint a Consultant in accordance with the “Direct Appointment” process also described in Section 5.48.305 if the appropriate requirements are met. Furthermore, Hood River County reserves the right to not select any individual or consultant, herein collectively referred to as “Consultant”, if information submitted is not in compliance with the requirements of this RFP or, at the sole discretion of Hood River County, if it is determined to be in the best interest of the Hood River County or the general public.

**Incurring Costs:**

Prospective Consultants responding to this RFP do so solely at their expense. Hood River County accepts no responsibility for costs incurred by any Consultant in responding to this RFP and shall not be liable for any costs incurred by any Consultant in the preparation or presentation of any Fee Proposal.

**Contract Execution:**

Within thirty-five (35) days of notification of being selected, the selected Consultant will be expected to execute a Service Contract with Hood River County and meet all terms, insurance requirements, and “hold harmless” provisions contained therein. The Service Contract shall specify payment methods based on the Consultant’s submitted Fee Proposal and a fixed, Not-to-Exceed amount. Hood River County reserves the right to not select. A sample copy PSK is attached to and made a part of this RFP in Appendix B.

**Protests:**

Prospective Consultants are directed to the Protest Procedures set forth in OAR 137-048-0240.

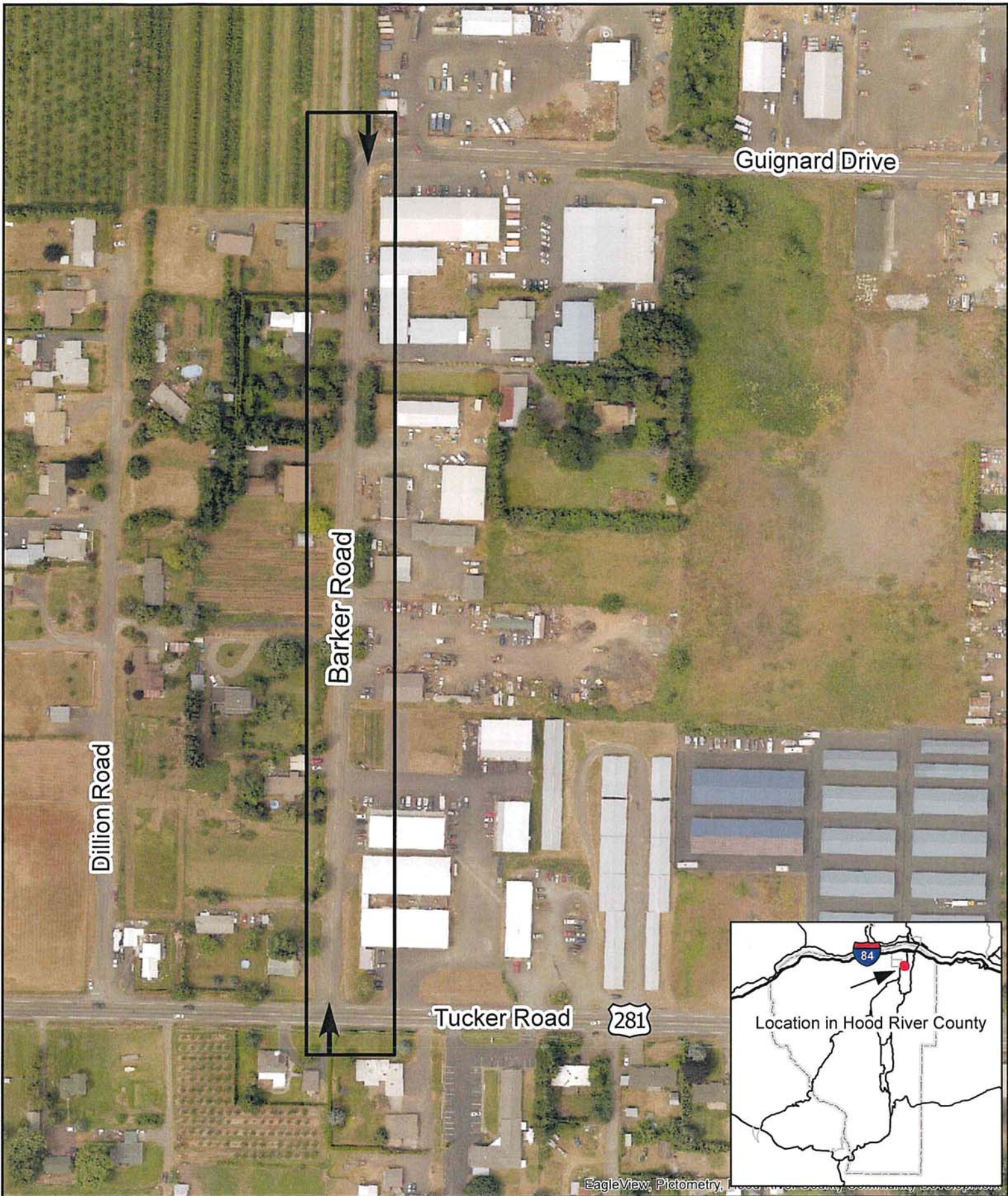
**Questions:**

Prospective Consultants should direct questions regarding this RFP to: Chris Harrell, Engineering Manager at (541) 387-7101 or [chris.harrell@co.hood-river.or.us](mailto:chris.harrell@co.hood-river.or.us).

**Attachments:**

The following attachment is incorporated into and considered an integral part of this Request for Proposals: *Location Map: Barker Road*.

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# Location Map: Barker Road

