

IDAHO TRANSPORTATION DEPARTMENT

ADDENDUM NO. 1 TO REQUEST FOR PROPOSALS

SH-53, HAUSER LAKE RD TO BRUSS RD KOOTENAI COUNTY KEY NO. 20575

The due date for submission of proposals for the above project has been extended. The new date for submission of proposals is December 5, 2017.

The General Scope of Work has been revised and is attached hereto. Revisions are shown in red.

All other provisions of the solicitation remain unchanged.

Dated: November 20, 2017

GENERAL SCOPE OF WORK

**SH-53, HAUSER LAKE RD TO N BRUSS RD,
KOOTENAI COUNTY
KEY NO. 20575**

PROJECT DESCRIPTION:

This HSIP Safety project extends from M.P. 1.8 to 4.6 on SH-53, south of Rathdrum, and includes constructing a third lane (**center turn lane**) from M.P. 1.8-2.6, and constructing center and right turn bays from M.P. 4.4-4.6, and providing for illumination at critical intersections. This project scope will develop contract and plans to implement these measures for this stretch of roadway. The goal of this project is to reduce serious and fatal crashes, promoting safety, mobility, and economic opportunity. The project is programmed in FY22 of the STIP, but has been selected for early PS&E delivery by September 1, 2019. **The secondary goal of this project is to reconstruct the roadway section to eliminate the seasonal load restrictions it is currently subject to. NOTE: Existing section had CRABS done in 1998 from M.P. 0.00 to 8.210.**

This project will include complete topographic survey and mapping, Right of Way Survey, Materials Phase Reports, Conceptual Design, Preliminary Design, Public Involvement, preparation and approval of Environmental Documentation, Utility Plans, Right-of-Way Plans, Final Design, PS&E, and Final ROW Monumentation, all in accordance with ITD's Project Development Process.

Major design criteria that need to be considered include:

- **Design new widened cross-section**
- **Perform materials investigation and phase reports**
- Identify right of way needs, and impacts
- Environmental Evaluation.
- Permits and approvals.
- Storm water management within the right-of-way and potentially off site pond(s).
- Public involvement and outreach.
- Utility investigations and relocations/adjustments.
- Coordination and permitting with BNSF
- Relocation/replacement/installation of signing and lighting.
- Construction traffic control and maintenance of traffic.

BRIEF SCOPE OF WORK/ACTIVITIES:

All work and documentation will be in accordance with the most current AASHTO (American Association of State Highway Transportation Officials) Policy on Geometric Design of Highway and Streets, FHWA (Federal Highway Administration) Manual on Uniform Traffic Control Devices, American with Disabilities Act (ADA) Standards for Accessible Design, and all applicable ITD Standards, Manuals, and Guides.

Work Completed to Date – Previous studies for this section of the SH-53 corridor were completed for KMPO, but will need to be updated to current traffic projections **for purposes of designing turn bay storage lengths and design of roadway section.**

Administration - The consultant will create and maintain project development files, perform necessary research, and lead and attend regularly scheduled progress meetings. Consultant will prepare a project communication guide for use by the project team and be in frequent contact with ITD and all team participants in regards to status of their respective assignments. Consultant will track progress and be able to address questions and resolve issues before they become delays or cause significant rework. Consultant will coordinate directly with the District 1 project manager and provide information periodically for reporting purposes.

Conceptual Design – The consultant will prepare and/or perform all necessary or required surveying, mapping, environmental research and reports, geological reconnaissance and materials phase reports, hydraulic analysis and reports, roadway drainage analysis and reports, and traffic analysis and reports for all roadway and structure design items. Portions of the project have been surveyed recently; however, the consultant will need to augment, or collect updated survey information, as required. Consultant will identify and coordinate with any project stakeholders such as environmental agencies or groups, utility companies, and local jurisdictions. Consultant will prepare and follow a public involvement plan. Consultant will evaluate cost-effective and innovative alternatives and for all basic project features based on grading limits, right-of-way limits, drainage, utility requirements, and traffic capacity.

Preliminary Design - The consultant will perform any additional surveys, reports, and studies, as required, to prepare preliminary roadway, utility, traffic, irrigation, drainage, and other designs, and a Design Study Report for the project in accordance with the ITD Design Manual. Consultant will utilize current digital 3D terrain modeling techniques. Consultant will prepare a temporary traffic control plan that maintains mobility and minimizes delays for the traveling public during construction of the project. Consultant will follow the ITD environmental evaluation process and obtain an approved Environmental Document for the project.

Right of Way Acquisition – The consultant will provide official right of way plans, legal descriptions, record of survey, estimates, individual parcel sketches and details if necessary, any required field staking of existing and new right of way, easements, etc., and potentially condemnation exhibits for right of way acquisition. Consultant shall assist ITD HQ ROW personnel during the acquisition process for such items as clarification of the design plans, changes or additions to the ROW plans, etc. **Consultant will assist and support ITD with BNSF Coordination for encroachment permits and easement revisions.**

Final Design – The consultant will perform or prepare any final reports, final plans, agreements, value engineering study, special provisions and cost estimates as required by ITD Design Manual through final design review. Consultant will prepare and obtain any required documents for permitting, such as SWPPP documents and plans. Consultant will provide a 3D engineered digital terrain (DTM) model for construction of the proposed project that supports the use of Automated Machine Guidance (AMG) during construction.

PS&E – The Consultant will prepare and submit to ITD for review a PS&E package and a Resident Engineers file in accordance with ITD Design Manual. Consultant will be available for questions during the bidding process.

Construction – Consultant will assist Resident Engineer through construction for such items as: clarification of plans, change order work, reviewing and approving shop drawings, establishing AMG control, updating DTM surfaces, assisting with claims, and Engineer of Record services.