

IDAHO TRANSPORTATION DEPARTMENT

ADDENDUM NO. 2

REQUEST FOR PROPOSALS

US20/26, CHINDEN; LOCUST GROVE TO EAGLE PROJECT NO. A019(944) KEY NO. 19944

This Addendum is to clarify that ITD staff will provide all ROW acquisition services for this project. A revised General Scope of Work is attached.

The due date for submission of proposals has been extended. The new date for submission of proposals is May 4, 2017.

All other provisions of the solicitation remain unchanged.

Dated: April 18, 2017

GENERAL SCOPE OF WORK

PROJECT DESCRIPTION:

This project is on US 20/26 (Chinden Blvd) between Locust Grove Road (MP 39.22) and Eagle Road (SH-55 – MP 40.22) and will fulfill the first phase (widening to 4 travel lanes) of the US 20/26 Corridor Study for this section of roadway. The ultimate final proposed buildout of this roadway section as per the Corridor Study will be 6 travel lanes - 3 eastbound (EB), 3 westbound (WB) - including a center median with left/right turn lanes at public accesses and curb, gutter, sidewalk, & bicycle lanes. The current configuration is 2 travel lanes (1 EB, 1 WB) with a left center median turn lane, left/right turn lanes at the existing signalized intersections of Locust Grove and Eagle, and right turn lanes at several public accesses. This project will acquire the right of way required for the ultimate buildout configuration to the south of US 20/26 only and use that right of way to build the final curb, gutter and sidewalk section on the south side of the roadway and provide 2 EB and 2 WB travel lanes while maintaining a center turn lane and right turn lanes. The right of way on the north side would then be purchased with a separate project at a later date as per the Corridor Study project phasing and the roadway increased to the desired final configuration.

The goal of this project is to improve safety and mobility by reducing congestion and delays by improving the roadway to accommodate the proposed traffic demand. This is a highly travelled roadway with over 28,000 ADT (Average Daily Traffic). The Eagle Road intersection is currently #4 on the HAL (High-Accident List) for ITD District 3 and Locust Grove is #6, with a high number of crashes related to congestion. US 20/26 is a vital east/west arterial route to the region and is second only to Interstate 84 in the volume of regional traffic it carries daily. This project will include the preparation and approval of a Project Charter, Environmental Document, Materials Phase Reports, Preliminary Design, Final Design, PS&E Design and Right-of-Way Plans in accordance with ITD's Project Development Process. All of the design elements of this project will have to account for the requirements needed for the ultimate configuration, especially at any transitions required to match up with the existing and proposed signalized intersections.

Major design criteria that need to be considered with this project include:

- Storm water drainage will need to be thoroughly analyzed and addressed as part of this expansion including possible drainage pond(s).
- Some sound walls on the south side of the roadway may be required at locations as outlined in the US 20/26 Corridor Study.
- The Locust Grove /Chinden intersection will need to be upgraded with ADA ramps and new traffic signals to accommodate the additional lanes and sidewalk. There will be heavy coordination with Ada County Highway District (ACHD), the City of Meridian,

City of Eagle, and any other local entities about any improvements planned on Locust Grove and at the Locust Grove/Chinden intersection.

- The existing traffic signal at Eagle /Chinden will need to be reconfigured to include the additional travel lanes and the second NB-WB left hand turn lane from Eagle to Chinden opened up.
- Several major utility facilities will need to be relocated and/or adjusted.
- Extensive public involvement is anticipated due to high traffic and high profile route.
- Comprehensive boundary and land surveys will be required.
- Construction traffic control will have to take into account the high ADT.
- Any existing signing / lighting will need to be relocated/replaced/reconfigured.
- Some of the preliminary Environmental data and clearances from the US 20/26 Corridor Study can be used but will need to be re-evaluated once there are more complete design details.
- Advanced purchase of ROW (by ITD staff) can be done using the US 20/26 Corridor Study EA and should be considered as a major critical path item in the schedule. Consultant will supply ROW plans and supporting data for acquisition and incorporate delivery into the schedule as early as possible.
- The Zinger lateral canal (Settlers Irrigation District) runs parallel to US 20/26, starting on the north side of the roadway at Locust Grove, then crosses to the south side at approximately MP 39.8, then continues towards Eagle Road until approximately 600' before the intersection. There are also several service delivery ditches for this canal that parallel and/or cross US-20/26. Any proposed design will have to accommodate and take into account the existing canal, canal easement, and all its service laterals.

The selected consultant will be required to develop the project from concept to PS&E and be qualified in the following areas of expertise:

- Roadway Design
- Survey
- Environmental
- Geotechnical Investigation/Design
- Traffic Control Design
- Roadway Drainage Design
- Hydraulics
- Right Of Way Plans
- Subsurface Utility Investigation/Design
- Public Involvement
- Project Visualization
- Value Engineering

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.

ITD staff will provide all ROW acquisition services for this project. The consultant will provide the necessary plans and associated data to support the acquisition.

Administration - The consultant will create and maintain project development files, perform necessary research, lead and attend regular 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 and when they will forward interim and/or final product(s) needed by other team members. Consultant will track progress and be able to deal with questions and resolve issues before they become delays or cause significant rework.

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. Consultant will identify and coordinate with any project stakeholders such as environmental agencies or groups, utility companies, and the canal company. 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 requirements, drainage and utility requirements.

Preliminary Design - The consultant will perform any additional surveys and reports, prepare preliminary roadway, utility, traffic, irrigation, and right of way plans and the design study report for the project in accordance with 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 Plans – The consultant will provide official right of way plans, legal descriptions, record of survey, estimates, individual parcel sketches and details if necessary, and any required field staking of existing and new right of way, easements, etc. 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.

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 a 404 permit and 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. **PS&E will be delivered by September 1, 2019.**

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 the DTM surfaces, assisting with claims, etc.