

IDAHO TRANSPORTATION DEPARTMENT

REQUEST FOR PROPOSALS

FOR

PROJECT DEVELOPMENT SERVICES

**NORTH FORK OF THE PAYETTE RIVER
RAINBOW BRIDGE REPLACEMENT**

Key No. 23187

December 2 , 2022

REQUEST FOR PROPOSALS

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The following items are not included in this package, but can be located at the following web site:

<http://itd.idaho.gov/business/?target=consultant-agreements>

- ❖ General Information and Requirements
- ❖ Sample Agreement and Consultant Agreement Specifications
- ❖ Federal Per Diem Rates
- ❖ Certification Regarding Debarment, Suspension, and Other Responsibility Matters form
- ❖ Consultant DBE Commitment form (ITD-2398)

GENERAL INFORMATION

PROPOSAL

The Idaho Transportation Department (ITD) is seeking qualified and experienced respondents from interested firms to submit a proposal for providing project development services for the SH-55 Rainbow Bridge Replacement project.

GENERAL TERMS

This Request for Proposals (RFP) does not commit ITD to enter into an agreement or to pay any costs incurred in the preparation of a proposal or in subsequent negotiations.

REVISIONS TO RFP

All addenda to this solicitation will be posted on the Consultant Services web page. No notice will be given by mail.

RESERVATION OF RIGHTS BY ITD

The issuance of this RFP does not constitute an assurance by ITD that any contract will actually be entered into by ITD, and expressly reserves the right to:

- Waive any immaterial defect or informality in any response or response procedure
- Reject any and all proposals
- Reissue the Request for Proposals
- Invite additional respondents to the proposal
- Request additional information and data from any or all respondents
- Extend the date for submission of responses
- Supplement, amend, or otherwise modify the RFP, and cancel this request with or without the substitution of another RFP
- Disqualify any respondent who fails to provide information or data requested herein or who provides inaccurate or misleading information or data
- Disqualify any respondent on the basis of any real or apparent conflict of interest

By responding to this proposal, each respondent agrees that any finding by ITD of any fact in dispute as to this proposal or the responses thereto shall be final and conclusive, except as provided herein.

CONFLICT OF INTEREST

By the submission of a proposal, the Consultant agrees to ensure that, at the time of contracting, the Consultant will have no interest, direct or indirect, that would conflict in any manner or degree with the performance of the Consultant's obligations under the Agreement. The Consultant shall further covenant that, in the performance of the contract, the Consultant shall not employ any person, or subcontract with any entity, having any such known interest.

EEO REQUIREMENTS

Respondent, by submission of a proposal, agrees to not discriminate against any worker, employee, application subcontractor or any member of the public because of race, color, gender, age, national origin, or disability, or otherwise commit an unfair employment practice. Respondent further agrees to comply with all Federal, State, and Local equal employment opportunity requirements and the requirements of the ITD EEO Special Provisions, accessible at the following web site: <http://apps.itd.idaho.gov/apps/ocr/index.aspx>.

All firms working for the Department are required to register on the Bidder's List with the Office of Civil Rights. If your firm has not registered, go to the following website for instructions: <https://itd.dbesystem.com/>. Please make sure your subconsultants are also registered. For further information regarding this requirement, call the ITD EEO Office at (208) 334-8884.

DBE PARTICIPATION REQUIREMENTS

In an effort to achieve ITD's DBE Annual Participation Goal (APG) of 10% utilization, ITD requires responder to utilize certified subconsultants and suppliers listed on its DBE Directory located at: <https://itd.dbesystem.com/>. For this project, the Consultant must propose a minimum of 4% DBE utilization or demonstrate "Good Faith Effort" toward achieving that goal.

Use Consultant DBE Commitment form (ITD-2398) to show all DBE firms, their specific work task or services, and their utilization percentage. The ITD-2398 is located on the Consultant Services web page at <http://itd.idaho.gov/business/?target=consultant-agreements> .

If the proposal does not show a minimum DBE utilization of 4% or it is determined that it does not show a good faith effort toward achieving that goal, the proposal will be considered non-responsive and will not be accepted.

If the proposal is ranked number one, and the firm is awarded the project, the DBE commitment for the contract will be the total DBE percentage identified by the Consultant on the ITD-2398.

For more information regarding ITD's DBE Program, please contact ITD Office of Civil Rights at civilrights@itd.idaho.gov or call the ITD DBE Coordinator at (208) 334-8567.

FINANCIAL REQUIREMENTS

Prior to negotiating an agreement, the selected consultant and their subconsultants will be required to submit certified hourly rates and their last years' financial information and overhead schedule in accordance with the Federal Acquisition Regulations (FARs) and the ITD Overhead Rate Policy. The Overhead Rate Policy can be viewed at the following web site: <http://itd.idaho.gov/business/?target=consultant-agreements>.

PROPRIETARY MATERIAL

ITD assumes no liability for disclosure of proprietary material submitted by respondents. Proposal submittals shall be considered public documents under applicable state law except to the extent portions of the submittals are otherwise protected under applicable law.

CERTIFICATION REGARDING DEBARMENT

All proposals must contain a signed Certification Regarding Debarment, Suspension, and other Responsibility Matters form for the prime and each subconsultant.

The certification form is located on the Consultant Services web page at <http://itd.idaho.gov/business/?target=consultant-agreements>.

PROPOSAL EVALUATION AND SELECTION

An Evaluation Committee will evaluate and determine the individual and comparative merits of each of the proposals received. It is the responsibility of the Consultant to ensure that it complies with this RFP and provides the information requested. If the Consultant fails to provide any information requested in this RFP, such failure may result in either a lowered evaluation score of the proposal or disqualification of the proposal.

It is the intent of the department to take approximately fifteen days, commencing on the submission date shown below, to evaluate the submitted proposals. The department intends to notify the successful and unsuccessful Consultants as soon as practicable after the evaluations have been completed, and after approval has been given on the Evaluation Committee's recommendations.

As part of the selection process, the top-ranked firms may be required, at their expense, to give a presentation and/or answer interview questions.

If your firm is selected and approved, negotiations will begin. If negotiations break down with a selected Consultant, they will be formally ended and negotiations will begin with the next ranked Consultant.

CONTRACT TYPE AND METHOD OF PAYMENT

The contract for this work will be a professional services agreement. It is anticipated that the method of payment will be *Cost Plus Fix Fee*.

CONTACT INFORMATION

All questions concerning the procedures of this request for proposal shall be directed to Andrea Aliev at ITD via email at Andrea.Aliev@itd.idaho.gov.

All project specific questions shall be directed by e-mail to Darren LaMay at Darren.LaMay@itd.idaho.gov. No questions will be accepted by telephone. All questions will be responded to by e-mail, within two days of receipt of the question(s).

Interested firms are encouraged to submit a contact e-mail address to Mr. LaMay with a request to be included on an electronic mailing list. Firms on the mailing list will receive copies of the response to all project questions submitted. No firms will be identified in the responses. No project specific questions will be accepted after December 30, 2022.

PREPARATION INSTRUCTIONS

Proposals must conform to the following instructions. Any non-conforming proposal will be rejected.

Proposals must be received by ITD by 4:00 p.m. MDT on January 6, 2023. Proposals must be submitted via e-mail with the project name and the consultant's name clearly indicated in the subject line. Late proposals will not be considered.

E-Mail Address for proposal submittal is: consultantadminunit@itd.idaho.gov

FORMAT:

- Required File Format: pdf
- Maximum length of the submittal shall be seven (7) pages.
- Cover pages are discouraged. If they are included, they will be counted in the proposal page total.
- The introductory letter is limited to one (1) page.
- Except as otherwise noted, pages shall be 8 ½ x 11 inches, with minimum of ½" margins and a minimum font size of 11.

- The following items do not count in the proposal page total.
 - Introductory letter
 - Critical Path Diagram
 - Certification Regarding Debarment
 - Consultant DBE Commitment form (ITD-2398) and accompanying confirmation from DBE firms

INTRODUCTORY LETTER

The introductory letter should be addressed to:

Andrea Aliev
Contracts Officer
Consultant Services
Idaho Transportation Department
P.O. Box 7129
Boise, Idaho 83707-1129

The introductory letter should introduce the Consultant, identify the Project Manager, and list a contact telephone number, and contain a statement confirming the commitment of the key personnel identified in the submittal to meet ITD's quality and schedule expectations. The Consultant shall include his/her acceptance of the terms and provisions of the Sample Agreement located at <http://itd.idaho.gov/business/?target=consultant-agreements>, and indicate willingness to execute said agreement.

PROPOSAL

It is essential that the consultant provide an adequate staff of experienced personnel or subconsultants capable of and devoted to the successful accomplishment of work to be performed under this contract. The specific individuals or subconsultants listed in the proposal, including Project Manager, shall be assigned to the key positions and shall not be removed or replaced without the prior written approval of ITD. Replacement personnel submitted for approval must have at least equal qualifications, experience and expertise as those listed in the proposal.

The following criteria will be considered in the evaluation and selection, and apply only to the Consultant, except where specifically requested for the Consultant and each Subconsultant. The weights listed will be applied to the scoring for each criteria.

CRITERIA 1: COMPANY EXPERIENCE AND QUALIFICATIONS **Weight - 5** *(Complete for Consultant and each Subconsultant)*

- Describe how the company is organized to develop this type of project.
- Provide descriptions of no more than three (3) similar projects successfully developed by the Consultant identifying the similarities to this project. Federal-aid projects successfully developed by the consultant should be included if available.
- List three (3) verifiable professional services references with a contact person and phone number.

CRITERIA 2: PROJECT MANAGER **Weight - 3**

- Identify the Project Manager who will be responsible for the quality and timeliness of the consultant's work, and for ensuring that adequate personnel and other resources are available for this project.
- Provide a brief summary of education, experience, and qualifications pertaining to the management of this project
- Provide descriptions of no more than three (3) similar projects successfully developed by the Project Manager, identifying the similarities to this project. Federal-aid projects successfully developed by the project manager should be included if available. Include dates and specific services provided.
- Provide Idaho professional registration (registration is required at the time of submittal).
- List three (3) verifiable professional services references with a contact person and phone number.

- List all projects that the Project Manager is currently managing and the percent of time spent by him/her on each of those projects. Include estimated completion date for each of those projects. Identify availability for this project.

CRITERIA 3: KEY PERSONNEL & RESOURCES AVAILABLE
Weight - 5 *(Complete for Consultant and each Subconsultant)*

- Identify the key personnel and describe each person's role and duties on this project.
- Provide a brief summary of experience and qualifications. Include experience and qualifications working on Federal-aid projects.
- Provide Idaho professional registration (if applicable) for each person identified.
- List all projects that the Key Personnel are currently assigned to and the percent of time spent by him/her on each of those projects. Include estimated completion date for each of those projects. Identify availability for this project.
- Include an organization chart of the key personnel with their roles and office locations.

CRITERIA 4: PROJECT UNDERSTANDING
Weight - 4

- Provide a written narrative demonstrating knowledge, methodology, policies and procedures to accomplish this federally funded highway project as outlined in the General Scope of Work.
- Identify the significant features and potential issues that may be encountered and possible steps to eliminate or minimize those issues.
- Include a Critical Path Diagram based on major tasks and project milestones. The sheet size for the Critical Path Diagram shall be 11" x 17".

CRITERIA 5: QUALITY CONTROL
Weight - 3 *(Complete for Consultant and each Subconsultant)*

Describe the Consultant's procedures for scope change control, schedule and cost control and quality control. This should also include a description of the Consultant's control measures regarding their Subconsultants' project related work.

GENERAL SCOPE OF WORK

SH-55, North Fork of the Payette River (Rainbow Bridge) Valley County Key No. 23187 General Scope of Work

The project will be for the ultimate design of a new State Highway 55 (SH-55) Rainbow Bridge on a new, adjacent alignment to the current SH-55 Rainbow Bridge.

The scope of work could include all of the work necessary to complete each of these phases. It is anticipated that the following tasks (among others) could be part of this contract:

- Hydraulics, Drainage, Irrigation, and Stormwater Management
- Environmental Evaluation
- Land Survey
- Public Involvement
- Roadway Design
- Wall Layout
- Roadway Drainage
- Geotechnical and Materials (under separate RFP)
- Construction, Temporary Traffic Control
- Stormwater Pollution Prevention
- Utilities
- Bridge Design
- Engineer of Record (EOR) Services
- Right of Way
- Construction Feasibility, Value Engineering (VE) Study

See descriptions below for more information on the scope of work for the tasks listed above.

Project Background

Built in 1933, the historic Rainbow Bridge (Bridge Key No. 14805) carries SH-55 over the North Fork of the Payette River and one Idaho Northern & Pacific Railroad Company (INPR) railway track, north of Smiths Ferry in Idaho, and does not meet current standards for state highway bridges. The corridor and existing structure contain several sub-standard conditions including limited capacity for overweight truck permits, limited sight distance, narrow lane and shoulder widths, and high superelevation rates.

The purpose of the project is to provide a bridge crossing that meets current standards and to remove a Poor Condition bridge from ITD's inventory. The ITD Bridge Section and District 3 have investigated the feasibility of building a new bridge on an offset, adjacent to the existing, to improve site conditions for mobility of vehicles and to preserve the existing Rainbow Bridge.

Reference the *Rainbow Bridge Feasibility Study, Final Report, January 2021*, prepared by WSP. The feasibility study evaluates bridge replacement options that maintain the current Rainbow Bridge and its place on the National Historic Register by shifting the replacement bridge approximate 150 feet to the north of the existing bridge and transitioning into the existing alignment of SH-55. The feasibility study indicates several bridge structure options and roadway geometries and approaches that include construction cost estimates to perform the work.

It is envisioned the new approaches to the replacement bridge will need to include soldier pile walls or other retaining walls on the west side of the river to safely retain the existing hillside and slopes.

Anticipated Development Timeline

- Preliminary Design by Fall of 2023
- Pause for development of Geotechnical Reports and Design of Retaining Systems under separate RFP
- Design Approval by Fall of 2024
- Final Design by Fall of 2026
- PS&E by Spring of 2027

1.0 HYDRAULICS – Consultant

Complete all hydraulics design to support the design of the new Rainbow Bridge. This will include a 2D hydraulic analysis and all work necessary for the preparation of the hydraulic reports for the bridge, bridge scour evaluations, and evaluation of flood potential and hazards. The consultant shall follow the procedures outlined in the ITD Bridge Hydraulics Manual and as directed by the ITD Bridge SME Hydraulics Engineer.

The new bridge design shall result in a no rise condition for the river.

2.0 ENVIRONMENTAL – Consultant

An Environmental Evaluation will be completed by the consultant. For purposes of scoping, an Environmental Evaluation will be prepared, and the results discussed with FHWA to determine the Class of Action. A Categorical Exclusion is anticipated but will be determined through the environmental evaluation process. The evaluation will use the ITD current format and will include, but is not limited to, the following:

2.1 ENVIRONMENTAL CLEARANCES FOR GEOTECHNICAL WORK

A separate RFP will be utilized for this work. Environmental clearances will be performed by the consultant under this RFP.

2.2 ESA SPECIES

The Listed species are Wolverine and Whitebark Pine. Candidate species is Monarch butterfly. The timing for the potential Listing of the Monarch is a risk to Geotech work and Environmental Documentation.

2.3 MBTA and BALD AND GOLDEN EAGLE PROTECTION ACT

Migratory birds such as Osprey and Golden and Bald Eagles and associated habitat may be present. Avoiding and minimizing effects/impacts through timing for geotechnical work and any need for access roads, etc., needs to be considered.

2.4 CULTURAL RESOURCES

This work will be conducted in accordance with Section 106 of the National Historic Preservation Act (NHPA), NEPA, and other pertinent regulations. Tribal Coordination with the Nez Perce, Shoshone-Piute, Shoshone-Bannock Tribes is expected.

2.5 WETLANDS

It is assumed that an aquatic resources and waters of the US, including wetlands, are located in the project area. Therefore, all aquatic resources and wetlands identified will be mapped, identified, and delineated.

2.6 4(f) NON-PROGRAMMATIC EVALUATION

Programmatic Bridge 4(f) is only applicable for no effect and can't be used on Historic Bridges. This will be an Individual 4(f) evaluation. Conduct and prepare an individual 4(f) evaluation meeting FHWA requirements.

2.7 404 JOINT APPLICATION FOR PERMITS

Conduct and prepare a 404 Joint Application for Permit utilizing the United States Army Corps of Engineers most current 404 Joint Application for Permit form and meeting all applicable requirements (i.e. form is for use in 404 U.S. Army Corps of Engineers permit, Idaho Department of Water Resources Stream Alteration Permit, Idaho Department of Lands, and Idaho Department of Environmental Water Quality 401 Water Quality Certification).

2.8 ADDITIONAL PERMITTING

Conduct and prepare floodplain development permit(s).

2.9 VIEWSHED ANALYSIS

Project will require an FHWA Visual Impact Analysis.

2.10 SOCIOECONOMIC ANALYSIS

Project will require a socioeconomic analysis.

3.0 SURVEY – Consultant

Consultant to provide all survey work required (including LiDAR collection) for the design of the proposed structure, roadway, and hydraulics. Right of Way may also be needed. Include land ties and property lines for right of way acquisition if acquisitions are necessary.

4.0 PUBLIC INVOLVEMENT/PUBLIC RELATIONS – ITD/Consultant

Consultant will provide public involvement services as needed and will coordinate with ITD. It is anticipated that project information including newsletters, brochures, etc., and local area meetings with key stakeholders will be needed.

Public involvement activities may include, but are not limited to, the following items:

- Bridge type from feasibility study
- Coatings (type and colors)
- Rails
- Overlooks

5.0 ROADWAY DESIGN – ITD/Consultant/Coordination with Separate Consultant

The roadway approaches to the proposed structure will need to be designed according to the Roadway Design Manual. The roadway and structure drainage will require improvements to meet current storm water discharge criteria as required. Provide line and grade for approaches to be designed by ITD. This will include the design of parking access to the existing bridge. The consultant will complete the design through design approval and preliminary design plans, specifications, and project CPM construction schedule. The consultant will complete an intermediate and final design review of the PS&E package. ITD will utilize the consultant's expertise during the design process. At the discretion of ITD, all or part of the final design may be included in this scope of work.

A separate RFP will be used to retain a geotechnical consultant to evaluate the stability of the cut and fill slopes. The consultant will need to coordinate with the geotechnical consultant for the modeling of the roadway design.

The geotechnical consultant will also perform the investigation and reports for the pavement portion of this project per the Materials Manual Section 240. Utility clearance locates, traffic control, and right of way permits will have to be obtained by the consultant.

6.0 WALL LAYOUT – Coordination with Separate Consultant

Walls may be necessary to retain approach roadway cut/fill slopes and provide shoring for construction. A separate RFP will be used to retain a geotechnical consultant. This RFP includes geometric layout of the walls to be used by the separate consultant.

7.0 GEOTECHNICAL and MATERIALS – Coordination with Separate Consultant

A separate RFP will be used to retain a geotechnical consultant for all geotechnical-related items.

8.0 CONSTRUCTION TEMPORARY TRAFFIC CONTROL – Consultant

Consultant to design temporary traffic control required for construction.

9.0 STORMWATER POLLUTION PREVENTION – Consultant

Consultant to design the Pollution Prevention Plan (PPP) or Stormwater Pollution Prevention Plan (SWPPP) as needed based on the estimates of construction ground disturbance.

10.0 UTILITIES – Consultant & Railroad

Consultant to design the Utility plans in accordance with the Guide for Utility Management (GUM).

11.0 BRIDGE DESIGN – ITD/Consultant

It is the intention of the ITD Bridge Section to do the final design and bridge plan preparation for this project. The consultant will prepare a formal Type, Size, and Location document with associated Situation and Layout for the bridge. The consultant selected must provide their qualifications and experience necessary to perform the work of design and their construction experience for both steel deck arch and steel girder bridge alternatives determined in the Feasibility Study. ITD may confer with the consultant in the area of structural design and detailing, and the consultant should be prepared to do an independent check of ITD's final design. The consultant must coordinate with ITD Bridge to ensure a consistent design between all aspects of the project: roadway approach and wall geometry, hydraulic clearances, and drainage improvements. At the discretion of ITD, all or part of the final design may be included in this scope of work.

12.0 ENGINEER OF RECORD SERVICES – ITD/Consultant

ITD anticipates this will be a joint effort where the consultant will assist ITD in the EOR services. This work will be scoped in a separate phase/contract and services will begin after PS&E submittal

13.0 CONSTRUCTION FEASIBILITY, VALUE ENGINEERING STUDY (VE) - Consultant

Consultant may be required to provide construction feasibility and value engineering support.