

IDAHO TRANSPORTATION DEPARTMENT

REQUEST FOR PROPOSALS

FOR

SURVEYING SERVICES

**FY17 D6 ASSET MANAGEMENT
PROJECT NO. A019(447)
KEY NO. 19447**

**FY17 D6 PRE-PROJECT PLANNING
PROJECT NO. A013(598)
KEY NO. 13598**

February 7, 2017

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 Policy

GENERAL INFORMATION

PROPOSAL

The Idaho Transportation Department (ITD) is seeking qualified and experienced respondents from interested firms to submit a proposal for providing surveying services for District Six as identified in the General Scope of Work.

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 Administration Unit 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 who seek to work for the Idaho Transportation Department are required to be registered on ITD's Bidders List. If your firm is not registered, go to the following web site for instructions: <http://apps.itd.idaho.gov/apps/ocr/index.aspx>. Your subconsultants are also required to be registered. For further information regarding this requirement, call the ITD EEO Office at (208) 334-4442.

DBE PARTICIPATION:

In an effort to achieve ITD's DBE Annual Participation Goal (APG) of 7.6% utilization, ITD respectfully requests and encourages responder to consider utilizing subcontractors and suppliers listed on our DBE Directory located at: <https://itd.dbesystem.com>. For more information regarding ITD's DBE Program, please contact Elizabeth "Liz" Healas at Elizabeth.Healas@itd.idaho.gov or (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 at the end of this document.

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 ten 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.

CONTACT INFORMATION

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

All project specific questions shall be directed by e-mail to Brad Richards at Brad.Richards@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. Richards 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. All questions and answers will be confidential, and no firms will be identified in the responses. No project specific questions will be accepted after February 16, 2017.

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. MST on Thursday, February 23, 2017. 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 six (6) 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. The letter does not count in the proposal page total.
- The Critical Path Diagram does not count in the proposal page total
- The Certification Regarding Debarment does not count in the proposal page total.
- Except as otherwise noted, pages shall be 8 ½ x 11 inches, with minimum of ½” margins and a minimum font size of 11.

INTRODUCTORY LETTER

The introductory letter should be addressed to:

Holly McClure
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 - 2** *(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 within the last five (5) years, identifying the similarities to this project. State and local 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 - 4**

- 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 within the last five (5) years, identifying the similarities to this project. State and local 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.

CRITERIA 3: KEY PERSONNEL & RESOURCES AVAILABLE

Weight - 4 *(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.
- Include an organization chart of the key personnel with their roles and office locations.

CRITERIA 4: PROJECT UNDERSTANDING

Weight - 3

- 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.

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
AND OTHER RESPONSIBILITY MATTERS**

By signing this document, the Consultant certifies to the best of their knowledge and belief that, except as noted on an attached Exception, the company:

- a. Is not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
- b. has not, within a three-year period preceding this proposal, been convicted of, or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records making false statements, or receiving stolen property;
- c. are not presently indicted for, or otherwise criminally or civilly charged by a government entity (Federal, State or local) with, commission of any of the offenses enumerated in paragraph (b) of this certification; and
- d. has not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

NOTE: Exceptions will not necessarily result in denial of award, but will be considered in determining Consultant responsibility. For any exception noted, indicate to whom it applies, initiating agency and dates of action. Providing false information may result in criminal prosecution or administrative sanctions.

COMPANY NAME

Signature of Responsible Party

Date

GENERAL SCOPE OF WORK

DESCRIPTION:

This project is in Bonneville, Madison, Teton, Jefferson, Fremont, Clark, Butte, Custer and Lemhi Counties in southeastern Idaho. The purpose of this project is to obtain digital orthorectified color imagery (at Idaho East State Plane Zone & Idaho Central State Plane Zone) and aerial-based LiDAR supplemented photogrammetric topographic mapping to provide design surfaces for project planning.

The State Highways contemplated in this project are located in ITD's District 6. No work shall be done outside the above-mentioned counties.

Following is a list of priorities for all survey, aerial photography, aerial LiDAR collection, photogrammetric topography, and aerial mapping.

- | | | |
|----------------------|----------------------|----------------------|
| A) I-15 (84 miles) | B) US-20 (157 miles) | C) US-26(68 miles) |
| D) SH-22 (44 miles) | E) SH-28 (120 miles) | F) SH-33 (140 miles) |
| G) US-93 (268 miles) | H) SH-32 (28 miles) | I) SH-31 (21 miles) |
| J) SH-29 (14 miles) | K) SH-43 (4 miles) | L) SH-47 (12 miles) |
| M) SH-48 (24 miles) | N) SH-75 (27 miles) | O) SH-87(9 miles) |
| P) US-91 (4.5 miles) | | |

NOTE: This work shall include the business loops shown below:

- | | |
|-----------------------------|------------------------------|
| I-15B Idaho Falls (4 miles) | US-20B Idaho Falls (3 miles) |
| US-20B Rigby (2 miles) | US-20B St. Anthony (3 miles) |
| US-26B Ririe (3 miles) | |

Total Centerline Interstate length is 126 miles (\pm).

Total Centerline 2-way roadway length is 898 miles (\pm).

Color orthorectified aerial images and aerial mapping will extend 500' on both sides from the centerline of all Interstate roadways and 250' on both sides from the centerline of all other routes. If Right of Way is greater than these limits, aerial photography and aerial mapping will extend to the limits of Right of Way.

PROPOSED SCOPE:

1. Set photo and LiDAR aerial targets and perform static GPS survey to tie them and all additional control points needed to the National Spatial Reference System, the HARN Network, and the Idaho East & Central Zone of the State Plane Coordinate System for aerial photography and digital mapping of the project areas. The aerial targets shall be on NGS (H&V) monuments when such are available.

The Consultant shall make all owner contacts prior to placing aerial targets on private property. The consultant will remove all aerial targets placed on private property when no longer needed.

2. Digital mapping standards will reflect the latest MicroStation V8i and Inroads CADD standards as downloaded from ITD's Roadway Design CADD Files website.

3. Develop aerial photography from an acquisition at a ground sample distance (GSD) of 6 cm, acquire aerial LiDAR data at a point density of four (4) points per square meter, complete analytical aerotriangulation control extension and all other needed work to create aerial images, *.DTM surfaces, and MicroStation/InRoads based digital aerial mapping for the proposed areas.
4. Planimetry will include edges of roads, sidewalks, driveways, building outlines, visible fences, signs, manholes, visible culverts, power and light poles, bridges, ditches, drainages, major vegetation outlines, railroads, any other visible utilities, roadway paint lines, mailboxes, and other features visible with imagery and appropriate for 1"=100' scale mapping. 2' contours will be software generated from final return, bare earth LiDAR data and supplemental breaklines, with index contours every 10 feet.
5. The Consultant shall provide a 3% audit survey on hard surfaces to certify mapping accuracy.

DELIVERABLES:

The following major deliverables are anticipated:

1. Digital color orthorectified aerial photography imagery will be delivered in *.TIF and Bentley *.HMR formats with a pixel resolution of 0.2 feet. The photos will be projected at the East Zone of the Idaho State Plane Coordinate System.
2. Design files showing 2-foot contours and aerial mapping of all planimetric data delivered in MicroStation V8i *.DGN format.
4. The modeled ground surface(s) for the entire area(s) consisting of ground-classified LiDAR data, break lines, and mass points/spot elevations will be furnished in MicroStation *.DTM and ASCII formats, suitable for use in MicroStation/InRoads V8i software.
5. The modeled ground surfaces (*.DTM files) and the aerial mapping (*.dgn files) will be projected at ground. All combination factors used in projecting tiled surfaces and mapping will be clearly identified in an appropriate index.
6. The full LiDAR data set (ground and unclassified categories) in both LAS 1.2 format and PTS format.

All deliverables will be submitted to the Idaho Transportation Department on portable hard drive(s), which will become the property of ITD.

The Consultant shall continue ongoing support and management of the point clouds for a period of three years.

The Consultant will be required to file a record of survey; file coordinates to the Idaho Multi Control Point Database. Also all collected LiDAR will be required to be uploaded onto the Idaho LiDAR Consortium Website.

With the exception of ongoing support, work under this agreement is expected to be completed by December 31, 2017.