



**Yurok Tribe
Request For Qualifications (RFQ)**

Technical Services – LiDAR Data Acquisition and Post-Processing

Bid Release Date: January 27, 2016

Bid Closing Date: February 5, 2016

Bid Contact Person: Diane Bowers, Yurok Tribal Fisheries Program dbowers@yuroktribe.nsn.us

The Yurok Tribal Fisheries Program (YTFP) is seeking proposals for technical services to acquire bare earth and canopy LAS point cloud data and surface models from an airborne LiDAR system for two areas of interest (AOI) in the Lower Klamath River Sub-Basin. A basic description of the project AOIs are provided in Table 1. This project has a rapid turn around time for data acquisition and delivery to take advantage of leaf-off conditions and meet other project timelines. YTFP seeks to acquire LiDAR data no later than May 1, 2016 and receive final deliverables no later than August 1, 2016.

This project is intended to be a collaboration among the contractor and Tribal staff to build Tribal capacity and meet project timelines. It is the Tribe's intent to work with the contractor to assist in the collection of ground control points for this project. The Tribe has Trimble R8 RTK GPS Total Stations for survey related tasks and anticipates utilizing this equipment and staff to assist in ground control data collection. The Tribe has two experienced survey crews that will be available to perform the land-based portions of the survey in cooperation with the contractor.

Table 1. Physiographic description of the Areas of Interest for LiDAR collection in the Lower Klamath Sub-Basin.

Area of Interest	Name	Area (acres)	Physiographic Description
1	Blue Creek Watershed	80,323	Steep, high relief coastal mountain watershed with mixed conifer and deciduous forests
2	Klamath Estuary	4,186	Low gradient estuary with deciduous forest covered islands, sand bars and barrier spit

Deliverables

- Contractor participation in project coordination meetings via telephone or in person
- LiDAR Point Cloud
 - All returns, *Las 1.2 format* Point files will include the following fields: X,Y,Z, Return Intensity (Normalized), Return Number, Point Classification (ground, default), Scan Angle, Adjusted GPS Time
- Surface Models
 - Bare Earth DEM, 1-m resolution, *ESRI Grid*
 - Hydroflattened/Enforced DEM, 1-m resolution, *ESRI Grid*
 - Highest Return DEM, 1-m resolution, *ESRI Grid*
 - Normalized Intensity Images, ½-m resolution, *GeoTiff format*
- Vectors
 - Total area flown, *shapefile format*
 - 3-D Hydro-lines, *shapefile format*
- Reporting
 - Methods, results, accuracy assessments and documentation of any problems or changes
 - FGDC compliant Metadata

Project Coordinate System

Projection	UTM Zone 10
Horizontal Datum	NAD83 (2011)
Vertical Datum	NAVD88 (12B)
Units	meters

This RFQ is directed to qualified scientific professionals who have a strong familiarity with acquiring and post-processing LiDAR data on the West Coast, have past experience working with Tribal governments on scientific investigations and have the ability to ensure fiscal accountability. The professional services contract will be for a period of 6 months.

Responses to this Request for Qualifications should include the following:

1. Describe your understanding of the project, a description of the work to be performed, and a description of key issues and concerns.
2. Description of services, methods, equipment to be used to conduct the project.
2. A summary of the project team organization including the project manager and actual staff who will perform the work. The summary should identify project team members by name, areas of expertise, and their specific responsibilities in relation to the project.
3. A statement of qualifications of actual staff that will perform the work; resume and work experience, published works, work including coordination with Tribal, State and Federal agencies on similar projects.
4. Project references and descriptions of three most recent projects that are comparable to the above listed deliverables.
5. Hourly rates for the contractor team members most likely to work on this project and a total price based on a per acre rate.
6. The ability of the contractor to perform the work within the stated timeframe.
7. Employment of Native Americans
8. Names and contact info of three references

Proposals (One Copy) may be mail, hand, fax, or email delivered by February 5, 2016 at 5pm to:

All proposals should be directed to the Yurok Tribe c/o Diane Bowers – LiDAR RFQ

Mail (USPS) will be accepted at: PO BOX 1027, Klamath, CA 95548

Hand delivery, Fed Ex, UPS will be accepted at: 190 Klamath Blvd, Klamath, CA 95548

Faxes will be accepted at: (707) 482-0443

Emails will be accepted at: dbowers@yuroktribe.nsn.us

Tribal Employment Rights Ordinance

The Yurok Tribe has adopted a Tribal Employment Rights Ordinance (TERO) and as such any person or firm contracting with the Yurok Tribe is required to follow the terms and conditions identified by the ordinance, including applicable fees, forms, and hiring practices. The resulting contract from this RFQ will be subject to a ½ % TERO fee. For your referral, a copy of the Yurok Tribe's TERO ordinance can be found at the following location:

<http://www.yuroktribe.org/departments/TERO/>

Indian Preference

Indian preference in employment means that if a qualified Native American (Indian) is available, that person will be given preference over a qualified non-Indian in any phase of employment. Indian preference in Contract Award and equal employment opportunities shall apply. All firms requesting Indian preference shall submit their request for Indian preference along with their bid (Attachment 1).

ATTACHMENT 1

Application for Contractor/Business Certification

YUOK TRIBE

TRIBAL EMPLOYMENT RIGHTS OFFICE

190 Klamath Blvd., P.O. Box 1027 Klamath, California 95548 (707) 482-1350 ext1388 (707) 482-1377 Fax



A Contractor/Business must pre-register with the Yurok Tribe TERO to be placed on a “bidders” list certified as Indian Preference. A Contractor’s/Business certification must be submitted by each contractor/business interested in bidding on a job within the jurisdiction of the Yurok Tribe. If a Contractor/Business intends to subcontract any portion of the work on which it is bidding, it may only utilize subcontractors that are also registered. Thus, each prospective contractor/business, and all subcontractors it will employ, must complete a separate certification.

This certification is not a public record and is not open to public inspection. All information provided will be kept confidential to the extent permitted by law. The Yurok Tribe reserves the right to reject any and all “certification forms” and to waive any irregularities in the information contained therein. Each certifying contractor/business shall be required to re-submit a new certification annually, although the Yurok Tribe reserves the right to require a contractor to submit a new certification at any time. An individual who has the legal authority to bind the contractor or subcontractor on whose behalf that person is signing must sign each certification under penalty of perjury. If any information provided by a contractor/business or subcontractor becomes inaccurate, the party that provided the information must immediately notify the TERO and provide updated accurate information in writing and under penalty of perjury.

INDIAN PREFERENCE CERTIFICATION

This certification is also intended for certification of a majority or wholly-owned Native American business interested in providing their services and/or products via contracting opportunities under the purview of the TERO program as provided for by the Indian Self-Determination and Education Assistance Act, (P.L. 93-638), specifically 7(b), and other applicable federal and tribal laws.

Certification of Native American-owned businesses is designed to: 1.) Verify that the applicant is Native American; 2.) That the applicant is majority owner, if not 100% of the business, and; 3.) That the applicant is the primary beneficiary of the business being certified. Documentation and information required is essential to fulfill the criteria. Any deliberate or intentional effort to misrepresent the ownership of the business applying for certification will result in exclusion of contract opportunities by the Yurok Tribe.

GENERAL INFORMATION:

1. **Firm Name and Address:** _____

Telephone Number(s): _____

Fax Number: _____

E-mail or Web Site: _____

Contractors/Business License # _____

**Please Provide Proof of Licensing:
California State Licensing Board (CSLB) Include all licenses
E.g. Electrical, Plumbing, Roofing, etc.**

Has License been revoked at any time in the last five years? Yes No
If yes, please use a separate sheet to explain.

Has Contractor filed bankruptcy within the last 10 years? Yes No

Federal Identification No: _____

**Please Provide Proof of Certification:
From any state Minority Business Enterprise (MBE), Women Business Enterprises (WBE),
Disadvantaged Business Enterprises (DVBE), or Emerging Small Business (ESB) program.**

State(s) Certified: _____

Small Business Administration 8(a) Certification No.: _____ Expires: _____

Yurok Tribe Incorporation I.D. No.: _____

2. **Type of Business:** _____

3. **Organizational Structure:**

_____ SOLE PROPRIETOR

_____ PARTNERSHIP

_____ CORPORATION

_____ JOINT VENTURE

_____ OTHER

4. Name of Owner/Owners: _____

5. Tribal Affiliation of Owner Claiming Indian Preference: _____
Please Provide Proof of Tribal Enrollment

(Must be supported by documentation from the Bureau of Indian Affairs and/or Tribal Chief or Chairman). Please attach a copy of Indian Preference Verification for each officer, partner, or individual designated as an Indian if filing as a Partnership or Corporation.

If your company is either a Partnership or Corporation, explain in narrative form, the stock ownership, structure, management, control, financing, and salary or profit sharing arrangements of the enterprise. Attach copies of all shareholder agreements, including voting trust, employment contracts, agreements between owners and enterprise. Include information on salaries, fees, profit sharing, material purchases, and equipment lease or purchase agreements. Evidence relating to structure, management, control, and financing should be specifically included. Also, list the specific management responsibilities of each principal, sole proprietor, partner, or party to a joint venture.

6. Ownership Interest: _____ PARTIAL (List percentages of Ownership)
_____ 100% OWNERSHIP

7. Provide a listing of individuals and organizational structure of your firm's management staff. Also, provide resumes for Key Personnel. Indicate the core crew employees in your work force, their job titles, and whether they are Indian or Non-Indian. Core crew is defined as an individual who is either a current bonafide employee or who is not a current employee but who is regularly employed in a supervisory or other key skilled position when work is available. ***Attach a separate list to this questionnaire.

8. Specify, what type of construction/contracting your firm engages in:

9. Geographical Area of Interest: _____

10. Magnitude of Project on which you desire to bid (If Applicable):

Under \$25,000 _____
Up to \$200,000 _____
Up to \$500,000 _____
Up to \$1,000,000 _____
Over \$1,000,000 _____

11. Experience:

Please list at least five (5) of your most recent projects. Give name of an Individual for your Reference:

<u>PROJECT</u>	<u>AMOUNT</u>	<u>REFERENCE</u>	<u>PRIME/SUB</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

12. SUBCONTRACTORS:

List six subcontractors with whom your company currently does the most business.

<u>COMPANY</u>	<u>CONTACT PERSON</u>	<u>PHONE #</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

13. SUPPLIERS:

List four or more major suppliers from whom you purchase construction materials. Include names and phone numbers.

<u>SUPPLIER NAME</u>	<u>PHONE NUMBER</u>
_____	_____
_____	_____
_____	_____
_____	_____

CERTIFICATION

I CERTIFY THAT ALL STATEMENTS MADE BY ME ON THIS CONTRACTOR'S CERTIFICATION ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I HEREBY GRANT PERMISSION TO THE YUOK TRIBE AND TERO TO CONFIRM BY PERSONAL INQUIRY OR OTHERWISE, THE INFORMATION I HAVE PROVIDED. I UNDERSTAND THAT ANY WILLFUL MISREPRESENTATION OF FACTS GIVEN TO THIS PROCESS IS GROUNDS FOR REJECTION OF THIS QUALIFICATION FOR INDIAN PREFERENCE CONTRACTOR'S CERTIFICATION OR DISMISSAL IF EMPLOYED. I RELEASE ALL PERSONS CONNECTED WITH ANY REQUESTS FOR INFORMATION FROM ALL CLAIMS, LIABILITY, AND DAMAGES FOR WHATEVER REASON ARISING OUT OF FURNISHING THE INFORMATION.

I hereby acknowledge that I have read and understand the above statement.

OWNER/CONTRACTOR'S SIGNATURE

DATE

PARTNER'S SIGNATURE (IF APPLICABLE)

DATE

IF APPLICANT IS A CORPORATION

AFFIX CORPORATE SEAL:

CORPORATE SEAL

BY: _____

PRESIDENT'S SIGNATURE

DATE

ATTESTED BY: _____

CORPORATE SECRETARY

DATE

APPROVED FOR INDIAN PREFERENCE BY:

Donald Barnes - TERO Compliance Officer
TRIBAL EMPLOYMENT RIGHTS OFFICE

DATE

Office Use Only:

Indian Preference

Expiration Date: