1.1. Introduction:

The Yurok Tribe is seeking design technical services for multiple river restoration projects throughout Northern California, primarily within the Klamath River Watershed on the Trinity River mainstem and sub-watersheds. This Request for Proposal (RFP) is seeking an experienced organization to provide technical services through a time and materials support contract. The contract will provide as needed technical support services to the Yurok Tribe’s Fisheries Department - Design and Construction Division in the planning, design, analysis, and implementation of a wide range of restoration projects over a five year period. Design technical services will include but not limited to the following: environmental compliance, NEPA/CEQA permitting, engineering design, 2D hydraulic modeling, morphodynamic modeling, AutoCAD drafting and planset development, digital terrain modeling, professional land surveying (PLS), general field data collection, quality control construction field support, storm water pollution prevention plan (SWPPP) development, and other services as determined.

1.2. Issuing Office

This RFP is issued by the Yurok Tribe. The Yurok Tribe is the sole point of contact for the purpose of discussion regarding this RFP. Questions need to be submitted by April 17th 2020, responses will be provided to all parties by April 20th, 2020. All questions regarding RFP should be in email format. Any and all questions pertaining to this RFP should be sent directly to: David (DJ) Bandrowski (djbandrowski@yuroktribe.nsn.us).
Also, interested parties are asked to email the above address and submit their contact information including name of contact person, e-mail address and phone number.

1.3.  Response Deadline
Submittals will be accepted via email only to: djbandrowski@yuroktribe.nsn.us

No later than:  5:00pm, April 24th, 2020.

2.  Project Scope of Work

2.1.  Project Locations

Current river restoration projects sites and their nearest geographical location and associated river.

- Oregon Gulch = Junction City California (Trinity River)
- Clear Creek = Anderson, California (Tributary to the Sacramento River)
- Anderson River Park = Anderson, California (Sacramento River)
- Indian Creek = Douglas City (Tributary to the Trinity River)
- South Fork Trinity River = Hympom, California (Tributary to the Trinity River)
- Klamath Dam Removal = Yreka California & Klamath Falls, Oregon (Klamath River)
- Others as funding becomes available

2.2.  Design Services

The following is an example design project scenario that will serve as the basis for the RFP. The contractor shall work directly with the Yurok and the Fisheries Design and Construction Division for the following services: conceptual and final designs and reports, perform 2-dimensional modeling (hydraulic, habitat, sediment transport, morphodynamics) of existing conditions and two project design alternatives. Potential design components that will be considered include, but are not limited to, floodplain lowering, side channel construction, channel realignment, removal of existing boulder weirs, large woody debris and/or boulder structures. The Contractor shall also provide recommendations of gravel augmentation volumes for different hydrographs. Final deliverables include design drawings and a design report including figures illustrating conceptual alternatives, final designs, large woody debris drawings, hydraulic analysis and evaluation of the changes to the low flow and 100 year water surface elevations. The final design plans and report shall be stamped by a professional engineer licensed in California.

This project will be conducted in cooperation with an interdisciplinary team of Yurok Tribe staff, agency specialists and Contractors. Existing data includes: recent and historic thalweg water surface elevations, stream flow records, Digital Terrain Models, topographic surveys, as well as cover and substrate maps. Data will be used to build two-dimensional hydraulic
models to evaluate existing habitat conditions, as well as parameterize a morphodynamic sediment transport model (SRH2D) that will evaluate expected response of high flow gravel augmentation with different design alternatives. It is assumed that sufficient topographic, hydraulic, cover and grain size data needed to parameterize and calibrate a 1D and 2D models for the existing conditions and design alternatives is complete and available. A 1-dimensional RAS model for the existing conditions has already been developed.

**Task #1 Existing Conditions Model**

- Contractor will utilize available data to develop and calibrate a two dimensional hydraulic model of existing conditions at the Hatchery Site.
- The hydraulic outputs will be made available to the Trinity River Habitat Assessment team for estimation of existing spawning and rearing habitat.
- Contractor will work with Bureau of Reclamation Technical Services Center staff to provide calibrated model results at sufficient resolution to support morphodynamic model development and calibration.

**Task #2 Alternatives Development Phase 0-30%**

- Contractor will work with the members of the Yurok Design Group and Trinity River Design Team to develop two design alternatives and evaluate them via 2D morphodynamic modeling.
- This phase will consist of two all-day meetings with the Design Team. The 1st will focus on existing conditions with and without gravel augmentation and design elements proposed for evaluation.
- Contractor will also be required to provide review comments on six design alternatives (3 sites, 2 alternatives per site) for other site designs being developed simultaneously by other design groups (Federal, State, Hoopa).
- The second meeting will focus on the results of the bed mobility modeling of design elements and proposed alternatives.
- A draft existing conditions report will be delivered to the Design Team prior to the first meeting. Details of the report to be discussed.
- A draft 30% design report will be delivered prior to the second meeting. Details to be discussed.
- Onsite planning and reconnaissance may be required during this phase. Including mapping locations of potential design features, identification of save tree areas, and wetland delineation.
- A Value Engineering study will review and make comments to the draft 30% design. The Contractor will address and incorporate these comments to finalize the 30% design.

**Task #3 Engineering Design Phase 50%**

The 50% Engineering Design Phase includes:

- FEMA compliance: Perform initial hydraulic analysis using HEC-RAS software to determine any change in 100 year flood elevation.
- Tailwater elevation compliance: perform initial hydraulic analysis using HEC-RAS software to determine any changes to the low flow tailwater elevation near the Lewiston hydropower plant.
- Analysis of design elements that require engineering (e.g. large woody debris structures, channel realignment)
- Quantity and cost calculations
- Engineering Drawing Package
- Draft Engineering Design Report
- Presentation of 50% designs to Design Team (two all day meetings)
  Presentation of 50% designs at a public meeting.

**Task #4 Final Engineering Phase 100%**
- Provide comments on other Design Groups Engineering Reports (three design reports)
- Respond to TRRP Design Team and landowner review comments
- Topographic surveying, collect additional survey data as needed
- Surface Model Development- Refine existing surface model as needed
- Hydraulic validation and analysis of final design and submittal of Trinity County Floodplain certification letter with PE stamp certifying no change in base-flood elevation more than 1 ft.
- Quantity calculations
- Final Stamped Engineering drawing package
- Final Stamped Engineering Design Report

**3. Submittal Requirements**

**3.1. Minimum requirements**
Submit digitally the following documents:
- Letter of interest
- List of a minimum of three (3) examples in the last five years of similar work and documentation that are relevant to the proposed project demonstrating the bidders’ prior experience providing professional engineering services for stream and floodplain restoration analysis and design in Northern California. Include project description, location, project budget, and a contact person
- Schedule of Rates- Provide a schedule of rates for the principal firm and any proposed sub-Contractors. The schedule of rates shall consist of a list of project staff that will be assigned to the project and will include their title and hourly billing rates. It shall also indicate: (1) whether support services are billed as direct costs or are included in overhead; and (2) if handling charges or profit are added to other direct costs (e.g. reimbursable, sub-contractor’s costs, etc). This is not a fee proposal.
- Key resumes for project staff should be included
- A written statement of the firm’s qualifications that is responsive to the selection criteria described in Section 3.2
3.2. Selection Criteria

Qualifications will be evaluated using the following process:

Technical Expertise (40%):
- Education of key personnel to be assigned.
- Demonstrated expertise in engineering design of salmonid restoration projects in large, gravel-bedded rivers.
- Demonstrated expertise in 1-dimensional and 2-dimensional modeling of hydraulics, habitat, sediment transport, and morphodynamics.
- Demonstrated expertise in engineering design of large wood structures.
- Ability to work with existing datasets, model platforms and GIS software (including ArcGIS shapefiles and surfaces, HEC-RAS, SMS, SRH2D and MDSWMS/IRIC interface and FaSTMECH model, AutoCAD Civil3D and Office 2007 and LAS files).
- Knowledge of applicable standards, regulations, and technology associated with the services required.

Experience (30%):
- Professional experience of the prime Contractor in performing services of similar nature and scope; including stream channel restoration, design of constructed wood jams and fish habitat restoration in large gravel-bedded rivers.
- Prior experience with the Trinity River Restoration Program (e.g. restoration design, scientific investigations).
- Experience working for Native American Tribes.

Responsiveness (10%):
- Ability to have key personnel on the project site to rapidly respond to changing field and project conditions.

Past Performance (10%)
- Contractor to provide written statements of past performance from the client point of contact for the example projects requested in section 3.1. Written statements to describe contractor technical expertise, cost performance, problem solving approach, and reliability.

Native American Firm/Indian Preference (10%)
- Preference will be given to qualified firms that can substantiate a claim of Indian preference.

Firms shall respond in writing indicating how they believe their experience fulfills the requirements of these criteria. These factors shall be weighed according to the nature of the proposed project, complexity and special requirements of the specific services and the needs of this Division.
3.3. **Contract Administrative Process**

Submittals will be evaluated and scored based upon the above selection criteria for those firms who have complied with the minimum requirements.

Upon review of all the qualifications, the firms will be rated in order of preference. The Tribe will attempt to negotiate a satisfactory contract and reasonable fee for the services. In the event a satisfactory agreement cannot be negotiated with the highest Rated firm, the negotiation shall be terminated with the firm and the negotiations continued with the remaining qualified firms in order of ranking.

3.4. **TERO**

The Yurok Tribe has adopted a Tribal Employment Rights Ordinance and as such any person or firm contracting with the 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 RFP will be subject to a ½ % TERO fee. For your referral, a copy of the ordinance can be found at the following location: [http://www.yuroktribe.org/departments/TERO/](http://www.yuroktribe.org/departments/TERO/)

3.5. **Indian Preference**

Indian preference in employment means that if a qualified 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. The Contractor/Business certification is provided in Attachment 1.
ATTACHMENT NUMBER 1

Application for Contractor/Business Certification
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:

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>AMOUNT</th>
<th>REFERENCE</th>
<th>PRIME/SUB</th>
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12. **SUBCONTRACTORS:**

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

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<th>COMPANY</th>
<th>CONTACT PERSON</th>
<th>PHONE #</th>
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13. **SUPPLIERS:**

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

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<th>SUPPLIER NAME</th>
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**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 YUROK 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:________________________________________________________ DATE

______________________________
PRESIDENT’S SIGNATURE

ATTESTED BY:______________________________ DATE

______________________________
CORPORATE SECRETARY

APPROVED FOR INDIAN PREFERENCE BY:

__________________________________________ DATE
Donald Barnes - TERO Compliance Officer
TRIBAL EMPLOYMENT RIGHTS OFFICE

Office Use Only:
[ ] Indian Preference

Expiration Date: |