

**HVT FISHERIES**  
**Civil Engineer**  
**Job Description**

**Job Title:** Civil Engineer  
**Department:** Fisheries  
**Reports To:** Habitat Division Lead  
**Salary Range:** HVT Fisheries Pay Scale 11-12 DOE  
**Deadline:** Open Until Filled

**SUMMARY**

This position would serve as a Civil Engineer to assist with river and watershed restoration design and construction projects for the Hoopa Valley Tribe. The Hoopa Valley Fisheries Department develops fisheries restoration projects throughout the Trinity River basin, often in collaboration with the Bureau of Reclamation, NOAA Fisheries, USFWS, the State of California, Trinity County, BLM, USFS, the Yurok Tribe and environmental organizations. The Department has 30 employees and manages over \$4 million in annual funding.

**ESSENTIAL DUTIES AND RESPONSIBILITIES**

This position will serve as Civil Engineer to assist with river and watershed restoration planning, design, and construction projects for the Hoopa Valley Tribal Fisheries Program.

Duties include development, design, and oversight of construction of channel and floodplain rehabilitation projects, large wood design and placement, salmonid and Pacific lamprey passage design at barriers, road upgrades and decommissioning, water infrastructure improvements, and other duties as assigned.

This individual will be expected to assist with integrating multidisciplinary information aimed at improving restoration practices and collaborate with an existing consultancy and partner organizations. Assisting in building capacity for construction activities within other tribal departments (Hoopa Roads, Forestry, etc) and self-initiated project development is also expected.

This position requires supervising subordinate staff.

**QUALIFICATIONS** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Skills in project management, engineering coordination, and construction oversight
- Skills in construction engineering including: cost estimating, project layout, and surveying

- Experience with AutoCAD Civil 3D or equivalent
- Experience with Hydraulic modeling tools, 1D or 2D, HEC RAS or equivalent
- Skills in Topographic Surface Modeling
- Skills in grant proposal development and contract management
- Demonstrated ability with ArcGIS
- Knowledge of ESA, NEPA, CEQA, and FEMA regulatory permitting and compliance

## **EDUCATION and/or EXPERIENCE**

Master's degree in engineering with an emphasis ecological restoration or water resources plus three years relevant professional experience; or Bachelor's degree in engineering plus five years relevant professional experience.

## **COMMUNICATION SKILLS**

Must have ability to effectively present information in one-on-one and group situations to technical audiences, policy makers, and other employees of the organization. Must be able to effectively participate in external technical teams of engineers and scientists.

## **ANALYTICAL SKILLS**

Must have the ability to read, write and comprehend complex instructions, technical correspondence, and memos. Must be able to manipulate databases, geospatial information, and utilize complex software.

## **REASONING ABILITY**

Apply common sense understanding to carry out instructions furnished in written, oral and diagram form. With ability to deal with problems involving several concrete variables in standardized situations.

## **CERTIFICATES, LICENSES, REGISTRATIONS**

Current professional civil engineering licensure in the State of California or ability to obtain within 12 months of hire.

**PHYSICAL DEMANDS** The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to walk and stand. The employee is occasionally required to sit, reach with hands and arms, climb or balance, stoop, kneel, crouch, or crawl, talk and hear. The employee must occasionally lift and/or move up to 50 pounds.

**WORK ENVIRONMENT** The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable

accommodations may be made to enable individuals with disabilities to perform the essential functions.

### **CONDITIONS OF EMPLOYMENT**

All applicants are subject to the Tribe's Drug and Alcohol Free Work Place Policy including pre-employment, random, and for cause drug screening.

Employees are subject to an introductory period of 6 months. Performance evaluations will be conducted mid-way through the introductory period, upon completion of introductory period, and then on an annual basis upon achieving regular classification.

For more information and to get application materials, please contact Sean Ledwin, Habitat Division Lead, at 530-625-4451 x 14 or [hvtsean@gmail.com](mailto:hvtsean@gmail.com).