
Karuk Community Health Clinic

64236 Second Avenue
Post Office Box 316
Happy Camp, CA 96039
Phone: (530) 493-5257
Fax: (530) 493-5270

Karuk Tribe

**Karuk Dental Clinic**

64236 Second Avenue
Post Office Box 1016
Happy Camp, CA 96039
Phone: (530) 493-2201
Fax: (530) 493-5364

Administrative Office

Phone: (530) 493-1600 • Fax: (530) 493-5322
64236 Second Avenue • Post Office Box 1016 • Happy Camp, CA 96039

Request for Proposals**12-RFP-828**

Proposal Deadline: Monday, September 17, 2012 by 5 p.m. (Pacific Standard Time)

The Karuk Tribe requests proposals for the following Scope of Work required to provide biological clearances for construction work, including determination of any construction window constraints due to threatened and endangered species, for the Happy Camp Surface Water Treatment, Phase 2 project. No field surveys for species are requested under this SOW.

Project Background: This statement of work described within this Request for Proposal covers biological services work for construction of the Happy Camp Surface Water Treatment, Phase 2, Project, IHS Project No. CA 11-M59.

This project provides improvements to the community water treatment system including installation of new contact clarifiers (roughing filters); relocation of raw water wetwell electrical equipment outside of the 100-year floodplain; SCADA upgrades for the treatment plant and 1,000,000 (1MG) gallon water storage tank; and modifications to the existing filter backwash disposal pond (construction proposed for 2013).

This Statement of Work (SOW) covers biological work, report writing, and informal coordination with the U.S. Fish and Wildlife Service (USFWS), National Marine Fisheries Service (NMFS), California Department of Fish and Game (CDFG), and U.S. Forest Service (USFS). The work will be located in the vicinity of the Highway 96 Bridge in Happy Camp, CA. Happy Camp is located in Siskiyou County along the Klamath River on Highway 96. By air, Happy Camp is about 37 miles west of Yreka, CA and 43 miles east of Crescent City, CA.

Task One – Site Evaluation

Contractor will conduct a site visit to evaluate the site. The Contractor will coordinate the site visit with the Karuk Tribe, Happy Camp Sanitary District, and Indian Health Service (IHS) points of contact to provide the opportunity for participation in the site visit. Participation by these points of contact in the site visit is not a mandatory requirement of the work.

Task Two - Coordination

Contractor will conduct informal coordination with USFWS, NMFS, and CDFG regarding Federally- and State-listed species. Also included is informal coordination with USFS regarding available natural resources information in the vicinity of the site.

Task Three – Access/Clearance

Contractor will check with Tribal, Local, State, and Federal transportation and fire agencies/organizations for any road or highway construction or fires that could affect access or travel times to and from the site. Travel, mileage, and associated costs shall be included in the biological consultant's cost proposal (not as separate line items).

Task Four – Performance Period

Contractor shall acknowledge and complete the following within 45 calendar days from the time of award.

1. Draft Table of Comments within 7 days from time of award
2. Site visit within 24 days from time of award
3. Draft Biological Assessment within 31 days from time of award *
4. Final Biological Assessment within 45 days from time of award *

* Assumes comments will be provided to the Contractor on the draft table of contents or the biological assessment by the Indian Health Service point of contact within 7 days of receipt of the draft.

Task Five – Reports, Data and Other Deliverables

Contractor will develop a biological assessment that will conform to Federal and State guidelines for this type of report. The Contractor must submit a draft table of contents for the biological assessment for approval, prior to starting work on the report. The report should include the following sections; the exact format and content may vary, based on the Contractor's standard format and content for this type of report.

- Summary
- Introduction
- Methods
- Results
- Potential Impacts to Resources
- Recommendations
- Staff Qualifications
- Associated Figures, Tables, References, and Appendixes.

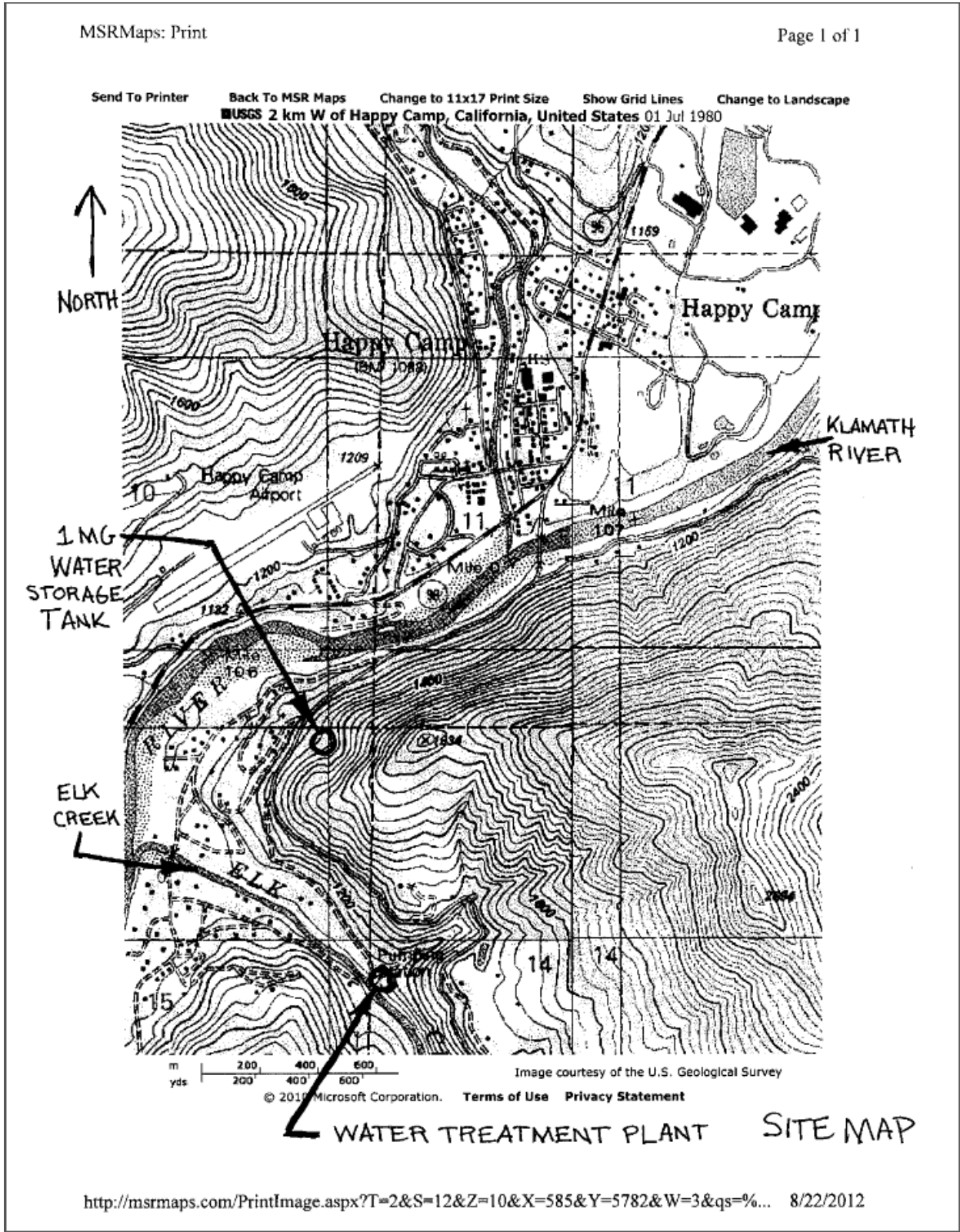
The assessment must state:

- Whether or not there are anticipated impacts to each Federally- and State listed threatened or endangered species known to occur in the vicinity of the project,
- Whether or not there is a potential for "take" to occur of bald eagles and/or golden eagles covered under the Bald and Golden Eagle Protection Act, and/or birds covered under the Migratory Bird Treaty Act,
- Whether or not any biological surveys are needed or recommended,
- The available construction windows, if any recommended biological surveys are not conducted,
- Information on any other additional recommended or required items or surveys needs to be presented, such as wetlands, etc.
- Information on the site visit shall be included.

For draft documents, one (1) electronic copy in .pdf format will be provided. For the final document, three (3) paper copies and one (1) electronic copy in .pdf format will provided. All submittals will be made to the Indian Health Service point of contact.

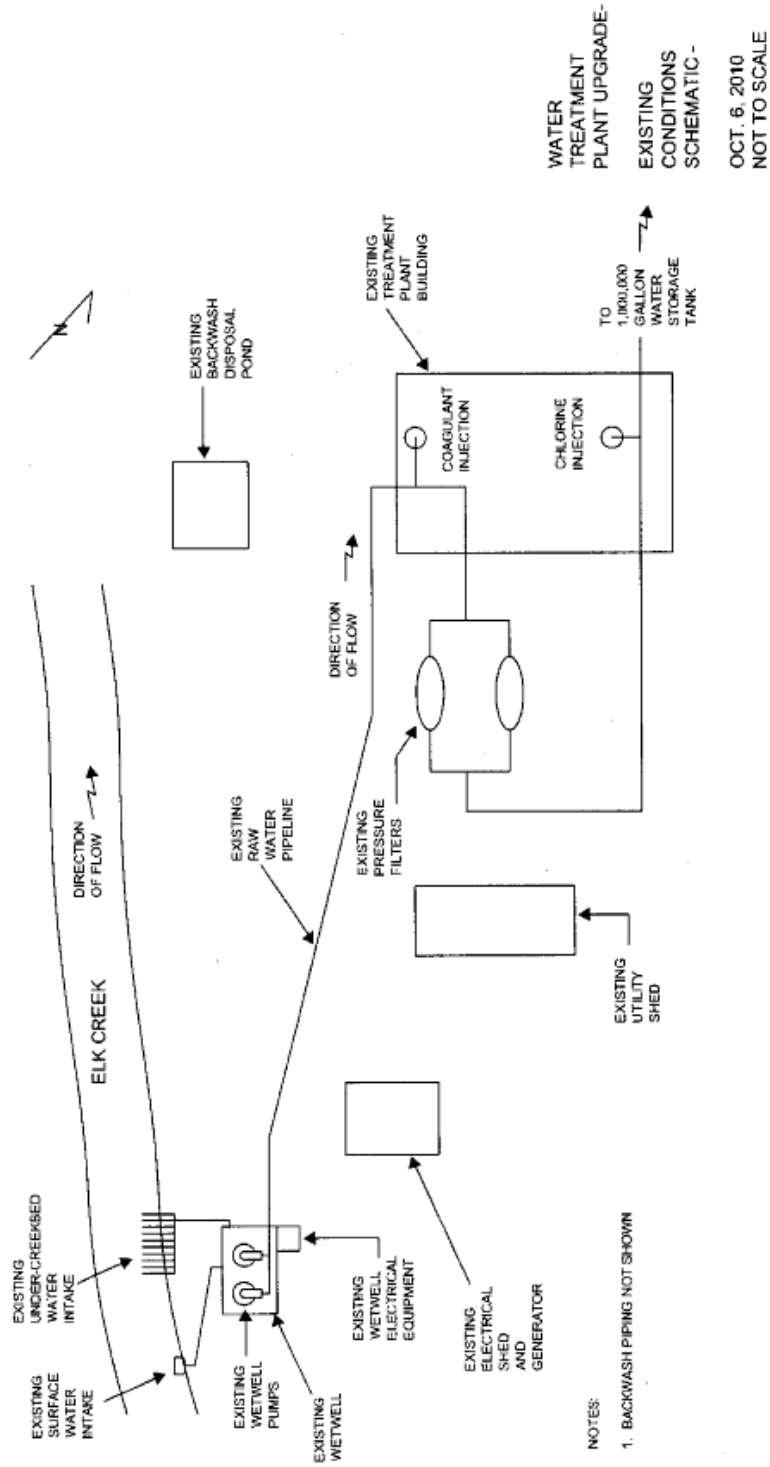
Task Five – Work Site

A site map is included below:

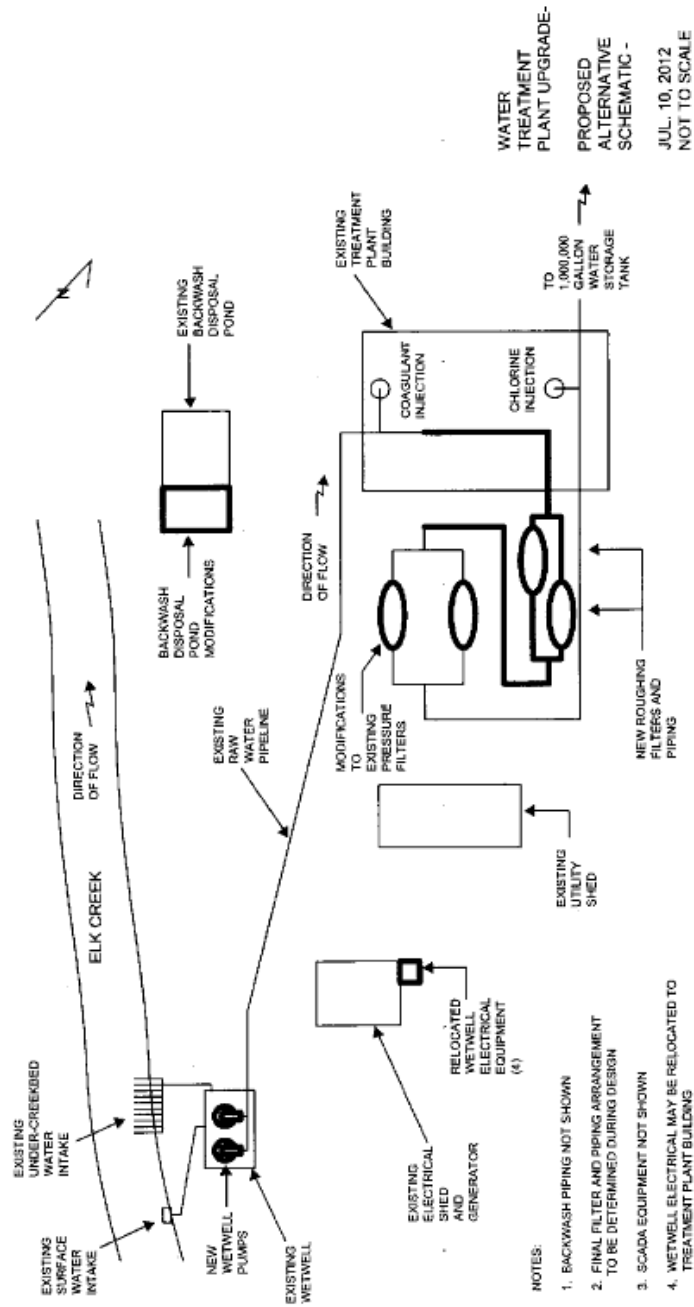


Also included are the following 2 concept figures depicting the existing and proposed conditions.

- Concept Figure 1 –



- Conceptual Figure 2 –



Available biological information for the site and area includes:

- An environmental technical memorandum for a proposed wastewater bridge pipeline crossing, prepared for HydroScience Engineering, Inc., prepared by Analytical Environmental Services, dated September 2011. (This document is for a separate wastewater project in Happy Camp, to be constructed in 2013-2014.)
- An Environmental Assessment for the Proposed Happy Camp Water Intake System and Storage Tank Improvements, prepared by John Salter, Ph.D, Karuk Tribal Archeologist, dated March 2000. (This EA was for a separate water project, constructed in 2002-2003.)
- Available biological information on the project will be provided to the Contractor after award.

Task Six – Construction Project Description

The following project description information for the proposed construction project is provided to assist the Contractor with the work under this SOW. The information included in this project description is not required of the Contractor, and is provided to assist the Contractor with an overall understanding of the project and provide text for the project description paragraphs of the biological assessment. The Contractor may direct any questions regarding the project description to the Indian Health Service point of contact.

The proposed facilities include installation of new contact clarifiers (roughing filters); relocation of raw water wetwell electrical equipment outside of the 100-year floodplain; SCADA upgrades for the treatment plant and 1,000,000 (1MG) gallon water storage tank; and modifications to the existing filter backwash disposal pond. (See attachment 2.)

The project will provide compliance with State requirements once the State adopts the Federal Long-Term 1 Enhanced Surface Water Treatment Rule (LT1ESWTR). Provision of new contact clarifiers (roughing filters) will meet State requirements for a flocculation step. Two contact clarifiers will be provided and operated in parallel.

Coagulant injection will be provided upstream of the contact clarifiers, and additional piping and controls will be installed. The existing pressure filters, located in series relative to and downstream of the contact clarifiers, will continue to be operated in parallel, with piping and controls modified as required. The existing electrical equipment will be relocated from the wetwell building to a higher elevation outside the 100-year floodplain. Due to the installation of the new contact clarifiers, the backwash pond will be rehabilitated and enlarged to accommodate additional filter backwashes. SCADA equipment at the treatment plant and tank site will be upgraded to more efficiently meet regulatory reporting requirements.

The contact clarifiers will be sized to match the capacity of the existing pressure filters when both pressure filters are operating. The backwash pond will be sized based on filter backwash volumes, frequency of backwashes, and filter backwash operation and maintenance guidelines. Since the existing wetwell pumps, which run the entire treatment system will be replaced with pumps of the same capacity; there will be no increase in capacity of the treatment system.

Since the work will be in previously disturbed areas within the treatment plant and 1MG water storage tank areas, and IHS has experience working in these areas under a previous project (CA 99-L19), no significant challenges have been identified beyond standard IHS design and construction requirements.

As part of the previous planning work for this project, several alternatives were considered and eliminated from further consideration. These alternatives are listed below.

- Installation of a flocculation basin – met the project objectives, but at a higher cost than the contact clarifier alternative; also required a second set of pumps after the flocculation basin to pump water through the treatment plant and up the to the 1 MG tank,
- Installation of a new complete package water treatment plant to replace the existing plant – addressed the system deficiencies but at a significantly higher cost than the contact clarifier alternative,
- A proof of performance study – because of (a) State water quality requirements being more stringent without a flocculation step, (b) the cost and time required to conduct the study, and (c) experience at the plant with high turbidities that occurred during storms that affected the treatment process and coagulant injection rates, it was thought to be highly unlikely that a proof of performance study would show that the existing water treatment system could meet State requirements using the current water treatment equipment,
- Adding pipeline flocculation upstream of the existing pressure filters or installing baffles within the existing pressure filters – while complying with applicable regulations, these alternatives would not be feasible, since the available area for the upstream pipeline would not provide sufficient length to provide sufficient flocculation time and the existing pressure filter tanks were too small to provide sufficient flocculation time.

Responses to this Request for Proposals should include the following:

- 1) A statement of qualifications, including relevant project history, specifically having familiarity with conducting Federally- and State-listed threatened and endangered species surveys and being acknowledged as fully capable of conducting biological survey work for Federally-listed species by the U.S. Fish and Wildlife Service.
- 2) Shall have a minimum of 5 years of experience with Federally- and State-listed threatened and endangered species work.
- 3) A proposed approach and rationale for completion of the contract tasks described above, including descriptions of similar work previously completed and the results/benefits achieved.
- 4) A lump sum price.
- 5) Names and telephone numbers of three client references.

Inquiries and responses must be hand, mail, fax, or email delivered by Monday, September 17, 2012 by 5 p.m. (Pacific Standard Time) to:

Tiffany Ashworth
 Karuk Tribe Administration Office
 64236 Second Avenue, PO Box 1016, Happy Camp, CA 96039
 Faxes will be accepted at (530) 493-2342
 Emails will be accepted at tashworth@karuk.us

Indian Preference will apply in the selection process in accordance with the Indian Preference Act of 1934 (Title 25, USC, Section 47) and/or the Tribal Employment Rights Ordinance (TERO), based on funding source requirements.

All contracts that exceed \$2,500.00 shall be subject to a 2% Tribal Employment Rights Fee in accordance with the TERO Ordinance.

If applicable, construction contracts in excess of \$2,000, when required by Federal grant program legislation, are subject to compliance with the Davis-Bacon Act (40 USC 276a to a-7) as supplemented by Department of Labor regulations (29 CFR part 5).