

## **Scope of Work**

### **Fish Creek Advance Wetland Mitigation Project Vegetation Management 2021**

## **Section I – Project Description**

### **Overview**

The Stillaguamish Tribe of Indians is in the process of establishing the Fish Creek Advance Wetland Mitigation Project located on Tribal-owned property near Arlington in Snohomish County, Washington. The Project site has been delineated and a portion has been planted with native vegetation. This statement of work describes the 2021 Vegetation Management Phase for the Project and entails control of non-native, invasive plants to promote establishment and growth of native vegetation.

Location of the Project is 1024 200<sup>th</sup> St. NE Arlington, WA 98223. Vehicle access is available to the vicinity of the Project via gravel road. Please refer to the accompanying map.

The 2021 Work Area boundary is roughly 26 acres and standing water is likely to be encountered throughout the year.

### **Objectives**

1. Reed canary grass (*Phalaris arundinacea*) - Control reed canary grass growing within the 2021 Work Area boundary.
2. Native vegetation preservation – Retain all native vegetation growing within the 2021 Work Area boundary. Native vegetation consists of woody-stem plants (e.g. willows, cottonwood, spiraea) within a blue, white, or black plastic tree collar and natural recruits (i.e. volunteer plants) outside of tree collars such as cattail (*Typha latifolia*), rushes (*Juncus* species), and skunk cabbage (*Symplocarpus foetidus*),

Penalty statement – In order to ensure long-term performance of the site in terms of native plant survival, the Tribe and Contractor agree that if greater than 5% of installed native plants are damaged, Contractor will undertake efforts to procure and replace damaged plants prior to close of contract and final billing. Installed native plants are those found within a blue, white, or black plastic tree collar.

## Tasks

Task 1 – Control reed canary grass by mowing or cutting in order to prevent grass from going to seed during the summer growing season. Due to presence of standing water and density of native plants, motorized access is limited.

Multiple rounds of control may be required throughout the year at the Tribe's discretion. Contractor's bid should be for one round of control and additional rounds will be billed at that rate.

Task 2 – Retain all native vegetation by mowing around native plants. It must be emphasized that since the Project involves creation of a wetland native plant community, damage to native plants must be avoided.

## Criteria

Task 1 – Cut reed canary grass stems at the ground level or water surface level. Let cut material lay in place.

Task 2 – Leave maximum 6 inches of grass around all native plants in order to avoid damage. Project involves creation of a wetland native vegetation plant community so damage to native plants must be avoided.

Contractor is advised to ensure staff is adequately trained in identification of reed canary grass to avoid damage of desirable vegetation and mowing non-target grasses.

The 2021 Work Area is an L-shaped area of land whose entrance is located at 1024 St. NE Arlington, Washington. It has a perimeter of roughly 5,900 feet and roughly 26 acres (Map 1). Due to past land use as pastureland, the majority of the Project Area vegetation has been disturbed and is dominated by the invasive reed canary grass. Please note that portions of the 2021 Work Area contain patches of reed canary grass intermixed with other grasses so contractor is advised to ensure staff is adequately trained in identification of reed canary grass to avoid damage of desirable vegetation and mowing non-target grasses. Please refer to the accompanying Photos 1 & 2.

## Work Area Description

The 2021 Work Area is located within the floodplain associated with Fish Creek to the west and King Thompson Creek to the east. It contains linear ditches and varying topography. Vegetation is dominated by reed canary grass, with some clumps of native plants, such as Douglas' spirea (*Spiraea douglasii*), black twinberry (*Lonicera involucrata*), and willows (*Salix* species). The emergent native understory also includes creeping buttercup (*Ranunculus repens*), common rush (*Juncus effusus*), skunk cabbage (*Symplocarpus foetidus*), and bentgrass (*Agrostis stolonifera*), which should be retained.

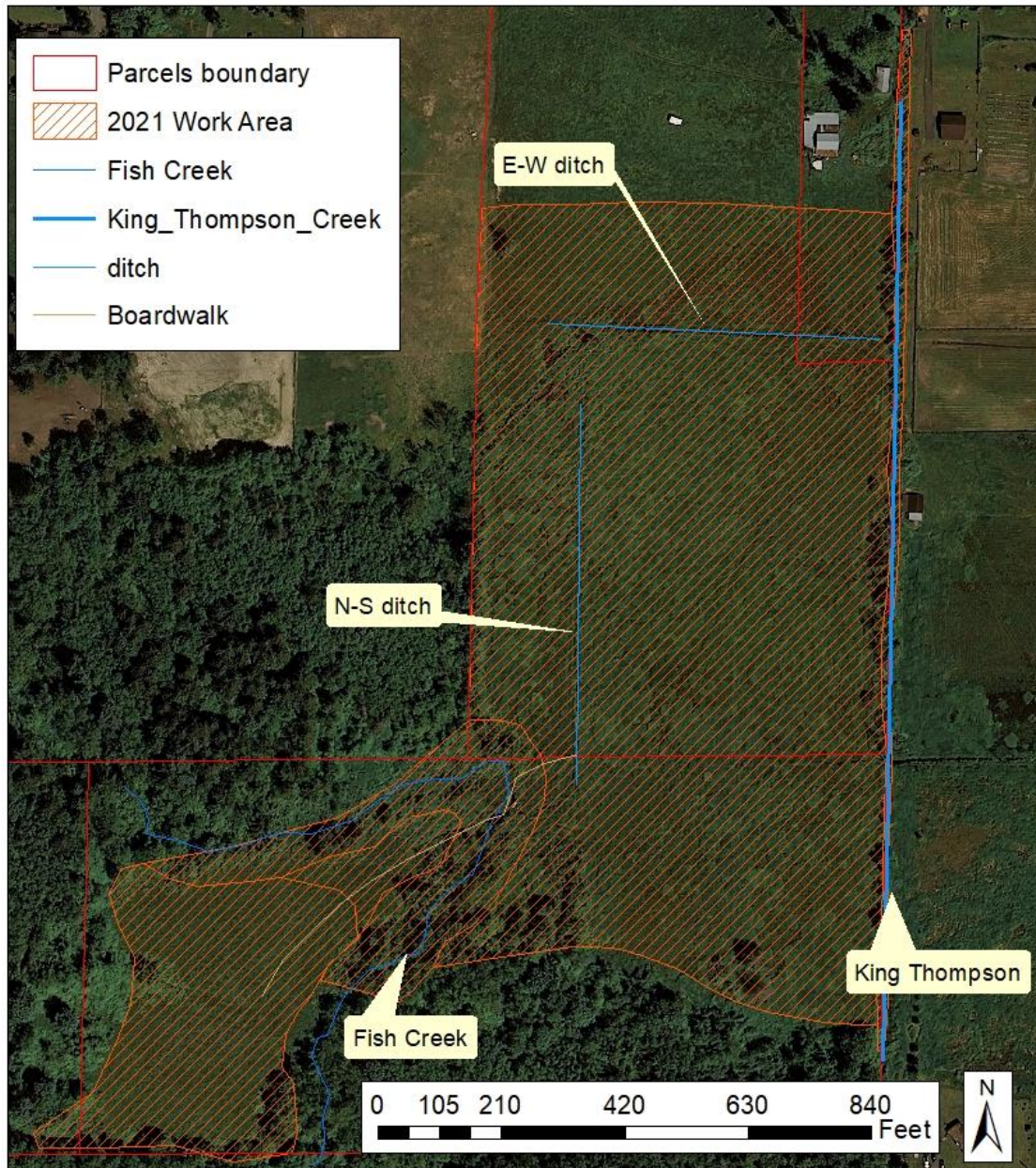
## Milestones & Deliverables

Evaluation of progress will be measured on a per-acre basis by Stillaguamish Tribe staff designated by the Project Contact. Evaluation will be conducted weekly or otherwise as agreed upon in writing between Contractor and the Tribe.

## Schedule Overview

<b>Desired Project Completion Date: September 1, 2021</b>	
<b>Major Milestones</b>	
First Mowing Complete	June 1, 2021
Option: Second Mowing Complete	August 31, 2021

Map 1. Depiction of boundary of 2021 Work Area within the Fish Creek Advance Mitigation Project area. Fish Creek is located to the west, King Thompson Creek to the east. Ditches within the Work Area do not connect to creeks. Boardwalk crosses N-S ditch and Fish Creek to access west extent of Work Area.



### Fish Creek Wetland Advance Mitigation Project



Photo 1. Aerial view of 2021 Work Area looking south. Boundary extends from bottom of frame (northern boundary) south to tree line, west to tree line. Red lines depict approximate locations of boundary.



Photo 2. Ground level view of 2021 Work Area looking north. Reed canary grass in process of being mowed (2019). Note blue tree collars are 18 inches tall.



## **Section II – Bid Requirements – Fish Creek Advanced Mitigation Project Vegetation Management 2021**

Bid packages will be evaluated by Carole Kirk and Jason Anderson using a weighted factor system: 30% Past performance/experience as demonstrated by references; 30% Ability to demonstrate effectiveness of selectivity of control methods targeting invasive plants; 40% Price.

A bid package must include all pages of Section II – Bid Requirements – Fish Creek Advanced Mitigation Project Vegetation Management 2021 with all information completely filled out as requested below.

Due to the sensitive nature of the Project site, the Tribe requests that the Contractor provide information to demonstrate effectiveness of selectivity of control methods and experience working in sensitive landscape settings.

Part 1: Demonstrated experience conducting targeted weed control projects (e.g. selective thinning, spot treatment weed control – manual, mechanical, and/or chemical). Please describe your experience: \_\_\_\_\_

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Part 2: Demonstrated experience working in natural and/or sensitive landscape settings (e.g. forests, pastures, wetlands, riverbanks). Please describe your experience: \_\_\_\_\_

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Part 3: Provide three (3) references in order to verify Contractor's experience and past performance operating in sensitive landscapes, selective control of invasive weeds, and avoiding damage to native plants.

1) Client name: \_\_\_\_\_  
Contact name: \_\_\_\_\_  
Contact phone: \_\_\_\_\_  
Start / End Date: \_\_\_\_\_  
Project location & description of tasks completed: \_\_\_\_\_  
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2) Client name: \_\_\_\_\_  
Contact name: \_\_\_\_\_  
Contact phone: \_\_\_\_\_  
Start / End Date: \_\_\_\_\_  
Project location & description of tasks completed: \_\_\_\_\_  
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3) Client name: \_\_\_\_\_  
Contact name: \_\_\_\_\_  
Contact phone: \_\_\_\_\_  
Start / End Date: \_\_\_\_\_  
Project location & description of tasks completed: \_\_\_\_\_  
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#### Part 4. Bid Proposal

Project Name: Fish Creek Advance Wetland Mitigation Project, Vegetation Management 2021

Bid Submittal Deadline: Bids will be received at the reception desk of the Stillaguamish Administration Building at 3322 236th St NE, Arlington, WA 98223 or by mail or email to Carole Kirk ([ckirk@stillaguamish.com](mailto:ckirk@stillaguamish.com)) on or before 1 pm on March 4th, 2021.

Davis Bacon Wage rates are applicable to this project and also the following: The Stillaguamish Tribe of Indians in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat.252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, nondiscrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this

#### Bidder Information

Name of Bidder: \_\_\_\_\_  
Contractor's License No.: \_\_\_\_\_  
UBI No.: \_\_\_\_\_  
City of Business License No.: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
Phone No.: \_\_\_\_\_  
Email: \_\_\_\_\_

Firm Name: \_\_\_\_\_

Bid Amount: \_\_\_\_\_

Bidder Signature: \_\_\_\_\_ Date: \_\_\_\_\_

#### Penalty Statement Acknowledgement

In order to ensure long-term performance of the site in terms of native plant survival, the Tribe and Contractor agree that if greater than 5% of installed native plants are damaged, Contractor will undertake efforts to procure and replace damaged plants prior to close of contract and final billing. Installed native plants are woody-stem plants found within a blue, white, or black plastic tree collar.

Bidder Initials / Date \_\_\_\_\_