



## REQUEST FOR PROPOSAL

### Herbicide free treatment of Aquatic Invasive Species

#### PROJECT DESCRIPTION

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The City of Sandpoint is seeking a proposal to control/eradicate Aquatic Invasive Species in Windbag Marina, City Beach and Memorial launch. City Council requires that the treatment methods applied are non-herbicide based. Aquatic Eurasian Milfoil and Flowering Rush are the primary Invasive Species to be treated at this time. The project purpose is to meet requirements of Idaho Statute 22-2407, maintain the recreational value of the waterway and to maintain a safe environment for water users. This will be a 3 year contract pending annual budget approval.

**The Proposal deadline is June 20<sup>th</sup>, 2016.**

#### ELIGIBILITY

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The project is open to all qualified professionals.

#### BACKGROUND

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Lake Pend Oreille and the Pend Oreille River make up a lake system that contains 110,000 acres of water in Bonner County, Idaho. In 2005, an aquatic survey revealed [Eurasian Watermilfoil](#) in Lake Pend Oreille waters. This [noxious weed](#) has the potential to rapidly increase eutrophication of the lake system, impacting the value of the lake for water supply, boating, swimming, and fishing. Bonner County Aquatic Invasive Species Task Force (Now disbanded and meeting informally) recommended a comprehensive program to control Eurasian Watermilfoil which includes diver dredging, bottom barrier placement, herbicide applications, and education and prevention efforts. The Bonner County Weed Department, in cooperation with the Idaho State Department of Agriculture and many other cooperating agencies, continued the control efforts and begun with the treatment of 3,832 acres of Eurasian Watermilfoil in 2006, treating up to 1,870 acres of Eurasian Watermilfoil in 2007.

A third-party survey crew from Mississippi State University conducted surveys and extensively mapped the region in 2007 in support of ongoing monitoring and control efforts. [\\*\\*Final Report\\*\\*](#)

During the 2007 season, interested citizens were invited to attend and speak at public meetings, to visit the Milfoil Information Center in Sandpoint, ID, and to participate in the weekly boat tours of the treatment area. Interested persons are invited to contact [Bonner County Public Works.](#)" [Source agri.idaho.gov](http://Source.agri.idaho.gov)

In March of 2012 the City of Sandpoint was contacted by the Idaho Department of Agriculture with a proposal to treat Eurasian Water Milfoil in the city beach/Windbag Marina area with Aquatic Herbicide (Triclopyr) [First Council Meeting 4/18/12](#). In the [Council meeting 5/16/12](#) Staff was directed to develop a plan for this year for use of alternative methods, in partnership with Lake Pend Oreille Water Keeper and Idaho State Department of Agriculture, to develop a long term strategic plan for invasive species control and to authorize the Mayor to respond to the State by letter that the City is looking forward to having a partnership with the State on a strategic plan and management of aquatic invasive species at City Beach and Windbag Marina on a technical capacity level but does not support herbicide application in these areas at this time.

The City has treated these areas with diver hand-pulling, flowering rush pulls and biodegrade-able bottom barriers for the last 3 years. Anecdotally we have met our goals for maintaining the recreational value of the waterway and maintaining a safe environment for water users.

## **PROJECT GOALS**

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1. Control/Eradicate Aquatic Invasive Species
2. Establish a 3-year methodology for treatment of Aquatic Invasives
3. Establish a quantifiable method of assessment and assess the effectiveness of treatment.
4. Treatment of areas using the methodology

## **SCOPE**

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The Windbag, City Beach treatment area is ~ 20.5 acres. (Map 1) Memorial Boat Launch treatment area is ~ 1 acre. Third Avenue Pier is < 0.25 Acre. Moorage during work can be provided by the City. The city can also provide for a reduction in cost a suitable working diver hand pulling platform (e.g. pontoon boat) and outboard engine; EWM separator and collection bins; dredge/suction device with compressor; and hand tools. Contact

Coordinator for boat details.

1. The city Integrated Weed Management Plan states **“Natural and Sensitive Areas Program** This program includes stormwater swales, wetlands, riparian corridors, shorelines and aquatic habitats within the City of Sandpoint. These areas are city-owned property with critical environmental resources, sheltering native ecosystems and wildlife habitat. The City of Sandpoint is also committed to protecting the water quality of Lake Pend Oreille and the Pend Oreille River for the benefit of their aquatic inhabitants as well as those that rely upon these waterbodies as sources of potable drinking water. Traditional herbicide use is not permitted in natural and sensitive areas for noxious or nuisance weeds. The occurrence of all weeds should be addressed using the decision making process discussed in the previous section, utilizing preventative, cultural, mechanical, natural herbicides and biological controls only.”
2. This work occurs during the busiest use of the recreation areas, plan should include description of how impacts to boaters and public safety will be protected.
3. Water quality and low turbidity needs to be maintained.
4. Weed fragments must be contained.
5. If additional bottom barriers are considered consult with ISDA and ACOE for permitting.
6. Project must include method for assessment of effort and an annual report showing areas worked, methods applied and results.

## **BENCHMARKS**

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- Complete removal of Aquatic Invasives in swim area throughout season
- Complete removal of all Flowering Rush
- Maintain a 3ft buffer between Aquatic Invasives and water surface in all areas

## **BUDGET**

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The City has budgeted \$26,777 for this season. All work needs to be completed by September 15<sup>th</sup> and an invoice sent to the City by September 30<sup>th</sup>.

## **TIMELINE**

Jun. 20th	Deadline for submissions
Jun. 23rd	Choose proposal
Jul. 1st	Begin work
Sep. 15th	Seasonal work finished Invoice submitted

## HOW TO APPLY

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**All materials must be received at Sandpoint City Hall by Jun 20<sup>th</sup>, 2016.** Please send submissions and direct any questions to:

City of Sandpoint  
Attn: Jared Yost, Weed Superintendent  
1123 Lake Street  
Sandpoint, ID 83864  
208.265.1480  
[jyost@sandpointidaho.gov](mailto: jyost@sandpointidaho.gov)

**Submissions may be electronic or printed and should include the following materials:**

1. Contact information including name, address, telephone and email
2. Biographical information
3. Proposed budget including any fabrication and installation, materials, travel, and equipment fees
4. Proposed payment or fee schedule
5. A written narrative describing your proposal along with a description of how it corresponds with meeting all of the goals for this project.
6. Provide client references and contact information.

**SITE IMAGES**



Map 1



Map 2



Map 3