

MARINE FLOAT, DOCK AND PILE REPLACEMENTS– DESIGN SERVICES REQUEST FOR PROPOSALS

San Juan County Public Works (County) is seeking proposals to provide design services for up to four marine facilities in the County to be constructed in 2012/13: (1) Odlin Park on Lopez Island; (2) Obstruction Pass on Orcas Island, (3) Westsound marine facility on Orcas Island, and (4) Orcas Landing on Orcas Island.

1.Odlin Park Float and Dock Pile Replacement, Lopez Island. Odlin Park is a popular County Park located on the north side of Lopez Island, one mile from the Washington State Ferry (WSF) Lopez terminal. The Odlin Park marine facility serves primarily recreational boaters with light commerce and commercial fishery activities. During emergency outages at the WSF terminal, the facilities may be used for loading/unloading private passenger ferries and passenger feeder boats. The dock and float are accessed via a one-lane gated dirt road. The 11' x 48' drive-on dock includes an approach apron with a 40' aluminum gangway that leads to a 10' x 50' timber float. The float was partially rebuilt in 2006.

Subsequent inspections have indicated that portions of the dock supports are in need of repair or replacement and the timber piles are degrading. The float needs to be replaced. Its orientation is considered inefficient for the wave action encountered and it provides limited marine access with only one side available for mooring.

2.Obstruction Pass Float, Ramp and Dock Pile Replacement, Orcas Island. The marine facility is located at the end of Obstruction Pass Road on the southeastern tip of Orcas Island. Obstruction Pass dock and float provide the primary commercial and community linkage to Blakely and Obstruction islands. The 12' x 107' drive-on dock is connected to the 10' x 40' concrete float via a 36' gangway. Five wooden piles secure the float. All gasoline and propane currently delivered to Orcas Island is offloaded at the adjacent ramp to the west. The 16' x 100' concrete log ramp serves as an alternative launch site for automobiles via barge when the state ferry service is interrupted.

The marine facility experiences stress on the piles from the winter storms with 2 to 6 ft. waves. The piles have become worn and developed cavities which have been filled with concrete. The facility needs fortification to withstand the wave forces. The concrete log ramp was repaired in 2004 but is now deteriorating. It is difficult to access from the landward side and may need to be relocated to provide a safe place to easily land and launch automobiles and cargo.

3.Westsound Float and Dock Pile Replacement, Orcas Island. The Westsound marine facility is located south of Deer Harbor Road, approximately 3.3 miles northwest of the WSF Orcas ferry terminal. The 7' x 154' dock was constructed in 1989 along with two 8' x 40' floats. The facility provides access to Big Double, Little Double and Picnic Islands, as well as serving recreational boaters and some light commercial use.

The piles are heavily creosoted and are showing excessive wear. Between the two floats, the access gangway is compromised and the pile bents prevent replacement with a proper gangway. There are a number of existing timber piles that were previously cut off at ground level; it may be desirable to remove these piles as part of the construction permitting process.

4.Orcas Landing Float and Pile Replacement, Orcas Island. The County purchased the previously private marine facility in 2008. The facility is now used by recreational boaters, residents, and

commercial enterprises. The three floats to the west of the pier provide public marine access. The 20' x 28' timber float on the east side is held in place by four timber piles and is reserved for mooring the Sheriff's boat. A gangway on each side of the pier provides access to the floats.

The east float must be structurally sound, reliable and accessible for Sheriff activities. A condition inspection survey completed in 2008 identified a number of the fender and dolphin piles along the east float to be in poor condition with splits and decay in evidence. The recommendation from the survey was that the existing timber pile dolphins should be removed and the worn timber float piles be replaced. A recent visual inspection identified encapsulation in the east float and rusty tie rods.

The County is seeking qualified marine design firms to provide: (a) evaluation of existing marine facilities with a prioritized list of repairs/improvements/replacements and potential upgrades or enhancements; (b) development of contract documents with plans and specifications for the agreed upon scope of construction work; (c) completed permits, and (d) project sequencing/schedule to delineate the efficient construction of any combination(s) of the four facilities.

The Proposal shall be evaluated on the following:

1. Proven, relevant experience of the firm, and proposed team members, in all aspects of marine dock, float and ramp evaluation and design;
2. Approach to evaluating, designing and permitting the needed improvements for each facility;
3. Suggested enhancements to each facility to ensure concurrence with applicable regulations and added benefits to users;
4. Concepts for the scheduling and bundling of facility construction;
5. Experience in San Juan County;
6. Familiarity with applicable local, state and federal marine facility codes and regulations, and
7. List of references knowledgeable about quality of work in similar areas.

Background materials available for review can be found on the San Juan County website.

Please submit one hard copy and one electronic copy of your Proposal with a maximum page limit of 16 pages (8 double-sided pages) including references, plus the cover letter to:

Shannon Wilbur
Senior Project Engineer
San Juan County Public Works
shannonw@sjcpublicworks.org
(360) 370-0522

Deadline for proposal submission is January 26, 2012 by 5 p.m. No submittals will be accepted after that date and time. For USPS Delivery: P.O. Box 729, Friday Harbor, WA 98250. For FEDEX Delivery: 915 Spring Street, Friday Harbor, WA 98250. Any questions regarding this project should be directed to Shannon Wilbur (360) 370-0522.

Subsequent interviews may be requested with successful applicants. Successful applicants must also be able to meet all County contracting requirements. Please refer to the Public Works website for consultant roster applications.

San Juan County encourages disadvantaged, minority and women-owned consultant firms to respond. San Juan County assumes no obligations of any kind for expenses incurred by any respondent to this invitation.