



Powell River Educational Services Society

Mailing Address: Box 408 V8A 5C2	Physical Address: 4476A Marine Ave. V8A 2K2
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Powell Forest Canoe Route Revitalization: Goat Windsor Boardwalk

INVITATION TO BID (ITB)

For information regarding this project, you may contact project Manager Hugh Prichard at 604 414 3966.

PRESS is seeking bid tenders from qualified and experienced firms / general contractors to conduct a project on the Goat Lake to Windsor Lake Portage trail on the Powell Forest Canoe Route in the qathet Region near Powell River.

Project #2

- Remove and rebuild 37.7 m raised Boardwalk section on Goat -Windsor Lake portage trail.

The successful contractor will be responsible for safe work practices and completing a WorkSafeBC notice of project. Successful contractor must be willing to be designated "Prime Contractor" from a WorkSafe BC safety perspective and sign a Minor Works Contract.

Project Deadlines: Desired completion on or before November 1st 2022.

PRESS is a non-profit society that holds the partnership agreement for the operations of the Powell Forest Canoe Route. Part of PRESS' mandate is to help reduce barriers to employment for marginalized individuals. If possible, proponents are encouraged to how they would use local labor and materials in fulfilling the obligations of the project if selected. Bidders should also supply details on relevant experience, skills as well as samples of previous projects using the supplied forms.

Tender Due Date: Tenders marked: "Tender for Powell Forest Canoe Route Revitalization Project: Goat -Windsor Boardwalk" **WILL BE RECEIVED UNTIL:** 12:00PM Tuesday September 6, 2022, electronically or in person to Michelle Murray, PRESS

Administrative Director. (michelle.murray@pressbc.com) Tenders will be opened at the aforementioned Address.

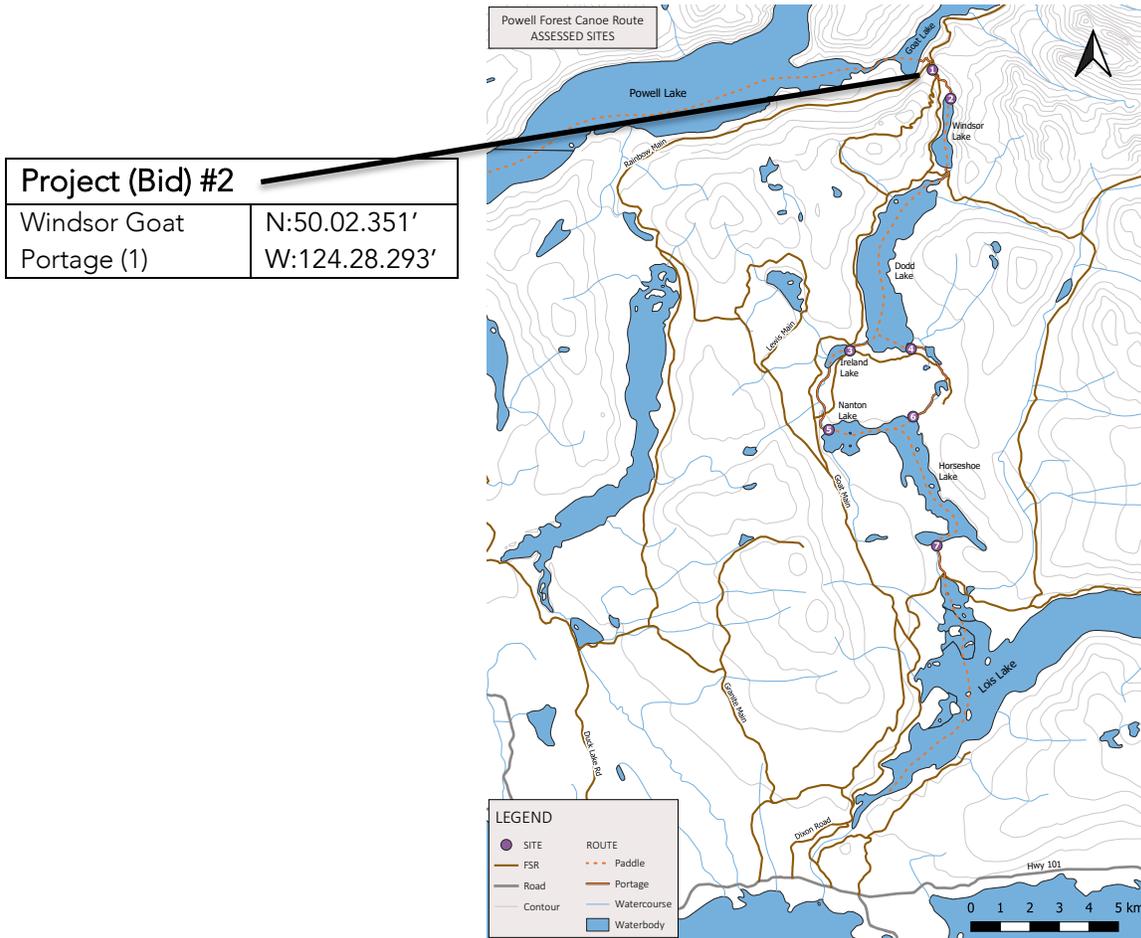
*PRESS reserves the right to accept or reject any or all tenders and to waive irregularities and informalities at its discretion. By the act of submitting its bid, the Bidder waives any right to contest in any legal proceeding or action the right of PRESS to award the work to whomever it chooses, in its sole and unfettered discretion, and for whatever reasons PRESS deems appropriate. Without limiting the generality of the foregoing, PRESS may consider any other factor besides price and capability to perform the work that it deems in its sole discretion to be relevant to its decision. PRESS reserves the right to accept a tender other than the lowest tender without stating reasons.

Project Information

Overview

Project (Bid) #2	Demolish and rebuild 37m long boardwalk at specified location. Improve approaches on either side.
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Project Location:



Project (Bid) #2 Specifications:

PFCR IMPROVEMENT PLAN

2.7 BOARDWALK: GOAT WINDSOR PORTAGE

At SITE 1 (see 1.4 MAP: ASSESSED SITES 37.7m), there exists a large boardwalk that spans a saturated slope. This boardwalk is aged and much of the wooden structure is showing signs of rot. Bracing members in the handrail are rotting and in some cases, can be lifted with little force from their affixed position. This structure should be replaced as soon as possible.

The boardwalk traverses a saturated slope where slope gradients were measured ranging from 20% to 40%. Looking at the macro topography of the site, it is evident that a natural draw exists at this location. At the western extent of this draw, the boardwalk will require a clear single span of 8m over a minor cleft in the topography in which flowing water was observed. Despite saturated soils and recent rain events the week prior, a very low flow rate was observed to a depth of 5cm in the 1.5m wide channel. At time of assessment, soils were very saturated, being muddy to an approximate depth of 40cm atop what appears to be a stable C horizon. Soil stability can be interpreted by well established cedars located downslope of the boardwalk (+/- 40cm DBH). There does however, exist moderate forest thinning downslope from boardwalk and tree coverage above the boardwalk is significantly thinner. This may be attributed to the soil saturation in the area deterring moisture intolerant species but may also point to soil instability although no stem curvature of trees was noted to indicate this. Old growth stumps do exist in the site vicinity therefore indicating historical slope stability. The existing boardwalk has been anchored into these old growth stumps where opportunity presents itself. This practice should occur during new construction if the stump wood is determined to be solid after removal of the existing boardwalk and unobstructed assessment can occur. Soils to either side of the drainage channel at the western end appear stable, providing an adequate foundation for sill placement.

Where gabion cages are recommended, a layer of large (2' – 3') angular rip rap to a depth of 50cm will provide a stable base in saturated soils, discouraging settling and providing foundational anchoring. The use of gabion cages will ensure the wood stringers do not draw moisture from the saturated soils. There is adequate timber on site to provide cedar stringers of adequate diameter to construct the structure including the 8m clear span. Rough cut cedar decking and handrail material could be transported to site. A one-sided handrail is recommended on the downside of the boardwalk. See additional schematic for handrail dimensions.

Materials:	<p>Proponent will build structure to last and use high quality materials.</p> <ul style="list-style-type: none"> • Yellow cedar for decking 2" x 10" decking, toe rail, and handrail (One side). Deck boards spiked to stringers 4" galv. nails • Galvanized fasteners (Spikes and Bolts) • Expanded steel for grip surfacing • Gabion Cages • 6 Red Cedar Stringers (to be harvested from site)
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