

## **Woodworking School Partnership**

### ***Funding Request: \$75,000***

The Port Townsend School of Woodworking, located in the Old Power House (Building 315) at the Fort Worden State Park, was founded in 2007, “to inspire a lifelong passion for craftsmanship through education in woodworking and traditional building trades.”

In partnership with the Fort Worden PDA, the school plans to establish a furniture makers internship program, serving graduates of the school’s 12-week Woodworking Foundation Course.

Amongst the school’s diverse student body are a growing number of veterans, accessing skill building workshops and courses. Training is provided under the Veterans Affairs Rehabilitation Program and the school anticipates being approved to receive funding assistance through the GI Bill in early 2016.

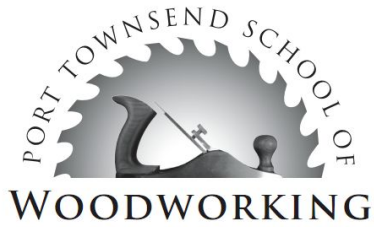
Interns, under the supervision of master craftsmen and using traditional joinery techniques, would design and build porch furniture for houses on Fort Worden’s Officers Row. A seating bench, two chairs and a table would be built for each porch. The design will incorporate a head rail with a carved (or etched) logo and the placement of a plaque. A simple oil finish allows for easy maintenance and protection against the elements.

At the end of this project approximately 40 pieces of furniture will be constructed for the Officer Row buildings.

The Fort Worden PDA requests initial funding of \$75,000 to establish a pilot project with the school. Funding will provide for a series of workshops, compensation for design and materials, purchase of tools, a stipend for an instructor(s), and internship positions with nominal stipends.

The Fort Worden PDA would seek to leverage this pilot project with our congressional delegation to secure longer-term funding from federal government programs with Department of Labor and/or Department of Veteran Affairs.





Port Townsend School of Woodworking and  
Preservation Trades

## Porch Furniture Project Update: July 29 2015

The Porch Furniture Project is the first step in the School's plan for a fuller collaboration with the PDA on restoring and rebuilding Fort Worden.

### **Proof of concept**

- Four pieces of Furniture for 10 Officer's Row Houses
- Design collaboration between Seth Rolland, Steve Habersetzer, Jaap Romijn and John Marckworth
  - We've opted for the design by Jaap Romijn
- Furniture will be built in White Oak and left unfinished for durability, strength and simplicity of maintenance
- Head rail will be laser etched with the Fort Worden and the School's logos
- Timeline
  - Prototype of the two person bench and the bench/table by end of August
  - Minor build out of shop space in 304 (Aug / Sept)
    - Weatherising the door
    - Electrical and heating
    - Plumbing
  - Installation of Equipment and Dust Collection (Sept)
  - Hiring lead craftsperson and 1-2 craftspeople (Aug - Sept)
    - Reaching out to VA for possible candidates (July - Aug)
  - Construction and assembly (Oct - Dec)
  - Installation - rolling in Nov / Dec

**Preliminary Budget Estimate**

**Gee Heckscher**

project: **O Row Porch Furniture Project**  
 scope: Design & Build Porch Furniture (from 6/4 white oak per Seth budget)  
 date: July 15, 2015

fee & general requirements:  
 WA State Sales Tax:  
 contingency: 10.00%

**1. Prototype**

	<i>item</i>	<i>quantity</i>	<i>unit</i>	<i>unit cost</i>	<i>cost</i>				
. 1	Build prototype	60	hr	50.00	3,000				
. 2	Set-up - order mat'ls & supplies	40	hr	50.00	2,000				
. 3	Clean up & shop set-up	20	ea	50.00	1,000				
						<i>fee</i>	<i>tax</i>	<i>cont</i>	
<i>subtotal</i>	<b>Prototype</b>				6,000			600	<b>6,600</b>

**2. Materials and Milling from Edensaw - approx \$300 for each piece**

	<i>item</i>	<i>quantity</i>	<i>unit</i>	<i>unit cost</i>	<i>cost</i>				
. 1	Bench material milled and delivered	10	bud	371.00	3,710				
. 2	Chair material milled and delivered -	20	bud	287.00	5,740				
. 3	Coffee table milled and delivered	10	bud	265.00	2,650				
. 4	Misc materials - glue, fasteners	1	bud	250.00	250				
						<i>fee</i>	<i>tax</i>	<i>cont</i>	
<i>subtotal</i>	<b>Materials and Milling from Edensaw - app</b>				12,350			1,235	<b>13,585</b>

**3. Assembly Labor - shop labor at \$50/hr - approx \$400 for each piece**

	<i>item</i>	<i>quantity</i>	<i>unit</i>	<i>unit cost</i>	<i>cost</i>				
. 1	Benches - 9 hrs	10	ea	450.00	4,500				
. 2	Chairs - 8 hrs	20	ea	400.00	8,000				
. 3	Coffee tables - 7 hrs	10	ea	350.00	3,500				
						<i>fee</i>	<i>tax</i>	<i>cont</i>	
<i>subtotal</i>	<b>Assembly Labor - shop labor at \$50/hr -</b>				16,000			1,600	<b>17,600</b>

**4. Tooling**

	<i>item</i>	<i>quantity</i>	<i>unit</i>	<i>unit cost</i>	<i>cost</i>				
. 1	Major tools - 8		bud	16,000.00					
. 2	Minor tools		bud	6,000.00					
. 3	Supplies		bud	3,500.00					
. 4	Overall budget	1	bud	29,050.00	29,050				
. 5	Sales tax	1	bud	2,615.00	2,615				
						<i>fee</i>	<i>tax</i>	<i>cont</i>	
<i>subtotal</i>	<b>Tooling</b>				31,665			3,167	<b>34,832</b>

**ESTIMATE TOTALS** 66,015 6,602 **72,617**

**Preliminary Budget Estimate**

**Gee Heckscher**

project: **O Row Porch Furniture Project**  
 scope: Design & Build Porch Furniture (from 6/4 white oak per Seth budget)  
 date: July 15, 2015

fee & general requirements:  
 WA State Sales Tax:  
 contingency: 10.00%

---

**5. Building 304 Minimum build-out costs using existing west end space**

	<i>item</i>	<i>quantity</i>	<i>unit</i>	<i>unit cost</i>	<i>cost</i>			
. 1	<b>New weather entry inside sliding door</b>							
	Framing & ply finish	1.00	ls	1,000	1,000			
	Pair of doors & hardware - HM	1.00	ls	2,500	2,500			
	Sidelight - frame now for future		ls	500				
. 2	<b>Plumbing</b>							
	Check/open water line		ls	500				
	Check/open sewer		ls	500				
	New fixtures		ea	400				
	Porta potty	1.00	ls	700	700			
. 3	<b>Heating</b>							
	Electric radiant heaters	8.00	ea	600	4,800			
. 4	<b>Electrical</b>							
	Additional power - dedicated ckts for tools	8.00	ea					
	Additional misc. outlets	16.00	ea					
	new 220 x 30A for dust collector	1.00	ea	250	250			
	new 220 x 20A for table saw #2	1.00	ea	250	250			
	Split exist 3ph outlets to 1 ph x 20A	6.00	ea	150	900			
	Split exist 3ph outlets to 2 single ph x 20A	1.00	ea	180	180			
	New 20 A quads	12.00	ea	180	2,160			
	(Average length of cable = 50')							
	Additional lighting - use exist strings							
. 5	Misc supplies	1.00	all	400	400			
. 6	Contingency	1.00	all	1,000	1,000			
. 7	Sales tax	1.00	bud	1,230	1,230			
						<i>fee</i>	<i>tax</i>	<i>cont.</i>
<i>subtotal</i>	<b>Building 304 Minimum build-out costs usi</b>				15,370			1,537
								<b>16,907</b>

---

**PROJECT ESTIMATE TOTAL**

**89,524**