

AMENDMENT NO. 2CONTRACT NO. 30001174

FOR

South Waterfront Intersection ImprovementsPursuant to Ordinance No. TBD after Council Hearing

This Contract was made and entered by and between Harper Houf Peterson Righellis, Inc., hereinafter called Contractor, and the City of Portland, a municipal corporation of the State of Oregon, by and through its duly authorized representatives, hereinafter called City.

1. Additional tasks are necessary and are hereby added to the Scope of Work required per attached Exhibit A.
2. Additional compensation is necessary and shall not exceed \$98,248.00. Total cumulative contract increase after this amendment is executed is a NTE \$ 146,840.00 or 24.64% of the original contracts value.

All other terms and conditions shall remain unchanged and in full force and effect.

CONTRACTOR SIGNATURE:

This contract amendment may be signed in two (2) or more counterparts, each of which shall be deemed an original, and which, when taken together, shall constitute one and the same contract amendment.

The parties agree the City and Contractor may conduct this transaction by electronic means, including the use of electronic signatures.

Harper Houf Peterson Righellis Inc [Contractor name]

By: April Siebenaler Date: 4-25-11

Name: April Siebenaler

Title: Associate

Address: 205 SE Spokane, Portland, OR 97202

Telephone: 503-221-1131

Contract No. _____ Amendment/Change Order No. _____

Contract Title: _____

CITY OF PORTLAND SIGNATURES:

By: _____
Chief Procurement Officer

Date: _____

By: _____
Elected Official

Date: _____

Approved:

By: _____
Office of City Auditor

Date: _____

APPROVED AS TO FORM

Approved as to Form:

By: _____
Office of City Attorney

Date: 4/22/2011

Exhibit A**South Waterfront Intersection Improvements (Harbor/River)
Construction and Engineering Services****Task 12.0 CONSTRUCTION ENGINEERING SERVICES****Task 12.1 Office Engineering Support**

Consultant shall provide engineering support services to review shop drawings and submittals, respond to field Request for Information (RFIs), provide engineering and design services, and attend construction meetings and site visits to support the progress and completion of the South Waterfront Intersection Improvements Project (the "Project").

Task 12.2 Shop Drawings and Submittal Review

City will retain primary responsibility for review of all submittals. However, upon occasion, where the consultant design engineer needs to review changes to their work, the City may have Consultant review those submittals. Consultant shall review construction shop drawings and working drawings submitted by the Construction Contractor (CC) as requested by City. Submittals shall be reviewed for conformance to the contract documents and the intent of the design. Reviews may include, but are not limited to, the following submittals:

- Sign drawings
- Sign supports and foundations
- Retaining wall shop drawings
- Stormwater manhole submittals
- Planting and seed mix submittals

Deliverables and Schedule:

Consultant shall provide comments back to City within one (1) week of receipt of submittal from City.

Task 12.3 Design Consultation & Plan Changes during Construction

Consultant shall provide consultation and technical services regarding design issues raised during construction of the Project. Consultant shall provide written responses to Request for Information (RFI)'s as well as prepare design modifications and issue plan changes as required to assure conformance to the final product. The design consultation will occur only as required and may be ongoing throughout the construction contract.

Deliverables and Schedule: Consultant shall provide to City:

- Written responses to RFI's within five (5) business days of receiving the RFI from the City.
- Design modifications and plan changes as required, no later than ten (10) business days after City determines that a plan change is required.

Task 12.4 As-Built Drawings

Consultant shall make corrections to existing plans and provide copies of complete "As Constructed" contract drawings to the City for final records excluding the 2C, 2D, 2E, 2F, BR, ST, S, TS, and J series.

Deliverables and Schedule: Consultant shall provide to City:

- Two (2) copies of the completed "As Constructed" contract drawings for the Project in 11x17 (half-size) paper format to City within sixty (60) calendar days of completed contract related work and final inspection of the Project.

TASK 13.0 CONSTRUCTION STAKING SERVICES

Task 13.1 Construction Staking HHPR will complete required construction survey activities necessary to control the many phases of work to construct the project. See Section 00305 (Construction Survey Work) of the City of Portland Code for survey specifications. All staking to include 1 set of stakes.

Deliverables and Schedule: Consultant shall provide to City:

- Attend Pre-Construction Meeting
- Verify Existing Survey Control/Supplement Survey Control:
 - Locate and verify existing survey control provided by others
 - Supplement existing survey control destroyed during construction
 - Maintain and supplement survey control for life of project
 - Provide survey control to City/Contractor as requested
- Stake Erosion Control Silt Fence on no more than 50 foot stations
- Paint actual sawcut lines on asphalt/concrete on no more than 50 foot stations
- Stake Retaining Wall for Excavation:
 - Stake horizontal and vertical location of wall beginning, wall end, concrete leveling pads, and wall steps based on final wall design and information provided by engineer.
 - Stakes to be on 15 foot offsets and to include cut/fill to bottom of leveling pad on 25 foot stations.
- Stake Retaining Wall for Construction:
 - Stake horizontal and vertical location of wall beginning, wall end, concrete leveling pads, and wall steps based on final wall design and information provided by engineer.
 - Stakes to be on 15 foot offsets and to include cut/fill to bottom of leveling pad and top of wall on 25 foot stations.
- Stake Rough Path Centerline North and South of S.W. River Parkway for rough grading on 50 foot stations, including angle points, curve points, and grade changes with cut/fill to sub-grade.
- Stake Final Path Edge of Pavement North of S.W. River Parkway:
 - 4 foot offset to edge of pavement on one side of pathway.
 - No more than 25 foot stations, including angle points, curve points, and grade changes with cut/fill to finish grade.
- Stake Final Path Grading South of S.W. River Parkway:

- 4 foot offset to edge of sub-grade along east edge of corridor for grading of future multiuse path.
- No more than 25 foot stations, including angle points, curve points, and grade changes with cut/fill to sub-grade
- Stake Rough Curb Lines, 4 foot offset to top face of curb lines on 50 foot stations, including angle points, curve points, and grade changes with cut/fill to top of curb.
- Stake Storm Structures and Lines:
 - Storm catch basins and manholes with two offsets (10'/20') with cut/fill to grate/rim and invert elevations.
 - 10 foot offset to storm lines on 25 foot stations with cut to invert elevation.
 - Collect existing elevations along storm lines for each point staked and provide to the City of Portland for profile calculations.
- Stake Sub-grade in S.W. Harbor Drive between Stations 13+52.61 and 15+00.6, Stake actual centerline sub-grade on 25 foot stations, including angle points, curve points, and grade changes with cut/fill to sub-grade.
- Stake Swale A and B grading:
 - Stake 4 foot offset to limits of grading for swales.
 - Staking centerline of swale with 10 foot offset and cut/fill to bottom of swale
- Stake Final Curb Lines:
 - 4 foot offset to top face of curb lines on 25 foot stations, including angle points, curve points, and grade changes with cut/fill to top of curb.
 - 4 foot offset to centerline of ramp for horizontal location.
- Stake Bus Pad:
 - 4 foot offset to top face of curb lines on 25 foot stations, including angle points, curve points, and grade changes with cut/fill to top of curb.
 - 4 foot offset to edge of transition slab on 25 foot stations for horizontal location.
- Stake Concrete Traffic Separator, 4 foot offset to centerline of separator on 25 foot stations for horizontal location.
- Stake Concrete Planters and Concrete Inlets, 4 foot offset to top face of planter, including angle points and grade changes with cut/fill to top of planter.
- Stake Final Edge of Pavement above Retaining Wall, 4 foot offset to edge of pavement on 25 foot stations, including angle point, curve points, and grade changes with cut/fill to finish grade.
- Stake Concrete Barrier (Cast-in-Place and Pre-cast), 10 foot offset to centerline of barrier on 25 foot stations, including angle points and curve points for horizontal location.

184552

Harper Houf Peterson Righellis, Inc - SW Harbor Drive/SW River Parkway Proposed Fee: Construction Engineering and Staking Tasks	HHPR												DHS ASSOCIATES					FEIS					Ekon					SOJ		Grand Total by Task			
	Project Manager	Quality Control Engineer	Project Engineer	Chief Engineer	Senior Civil Designer	Civil Designer	CAD Technician	Senior Landscape Architect	Landscape Architect	Project Surveyor	Survey Technician	Dr-Person Survey Crew	Expense	Grade Stationing/Corresponding Engineering Task	Project Manager (Grade 10)	Project Engineer (Grade 8)	CAD Support (Grade 8)	Administrative Assistance (Ten 1)	Expense	Principal Engineer	Senior Engineer	Project Manager	Project Engineer	Chief	Expense	Systems Manager	Systems Engineer	CAD Technician	Chief		Expense	Project Manager	Expense
TASK 12.0 CONSTRUCTION ENGINEERING																																	
Task 12.1 Office Engineering Support	5		5												10	20	4	2															
Task 12.2 Shop Drawings and Submittal Review			15												8	15	4	2								4				320.00			5,420.00
Task 12.3 Design Consultation & Plan Changes During Construction			15												9	4	4	2			2	4	4	0.5		8	75		330.00	25		28,093.00	
Task 12.4 As-Built Drawings			15										25.00		4	12	8	2			2	2	2	2								6,480.00	
TASK 13.0 CONSTRUCTION STAKING																																	
Task 13.1 Survey Staking											121	272																					4,690.00
Task 13.2 Contingency for Survey Retakes and Additional Requests											8	24																					48,718.00
Sub-Total Hours by Staff	5	0	50	0	0	0	0	0	0	0	129	0	256		0	31	64	20	8		2	6	6	0	2.5		12	85	0	0	25		\$98,248
Hourly Rate	\$140.00	\$180.00	\$185.00	\$175.00	\$145.00	\$130.00	\$75.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$25.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	\$120.00	
Totals - By Consultant													\$61,235.00																				\$11,470.00
																																	\$2,123.00
																																	\$18,420.00
																																	\$5,000.00
																																	\$98,248