

EXHIBIT A - AMENDMENT NO. 3

CONTRACT NO. 30000337

FOR

Professional Services For Engineering Design And Services During Construction
For The
Guilds Lake Pump Station Improvements

Pursuant to Ordinance No. _____

This Contract was made and entered by and between Berger/ABAM Engineers, 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. This contract term is extended through December 31, 2012.
2. Additional work is necessary for the development of the project:

SCOPE OF WORK**TASK 1 – PROJECT MANAGEMENT**

- BES requires the inclusion of structural improvements to the project, and the addition of an intermediate 75% design review phase. Work under this Task shall include, but not be limited to:
 - Attendance at two coordination meetings with the City.
 - Coordination and communications between team members
 - Contractor QA/QC.

TASK 2 - PRE-DESIGN

- Evaluate the building structure and related components using ASCE-31: Standard for Seismic Evaluation of Existing Buildings, incorporating a Tier 1 analysis. Perform necessary site visits. Coordinate the findings of the evaluation with current building codes and BES' required use of the structure.
- Evaluate the feasibility of installing an Eco-roof.
- Re-evaluate the pumping system hydraulics due to BES modeling group's determination that the Portsmouth Tunnel may surcharge by up to 8 feet at the receiving structure where the Guilds Lake Pump Station discharges.
- *Deliverables: An evaluation report based on the ASCE-31 and a Technical Memorandum outlining the findings. An evaluation report detailing the required structural upgrades necessary to support the additional load of an eco-roof and the seismic upgrades triggered by the installation of an eco-roof. A Technical Memorandum outlining the findings of the hydraulic re-evaluation. Cost estimates.*

TASK 3 – FINAL DESIGN

- Incorporate the improvements recommended in the ASCE-31 evaluation and the Technical Memorandum. Work shall include but not be limited to:
 - Modifying the ground floor interior space for BES' required change of usage. Perform

- necessary re-evaluation of HVAC and electrical systems.
 - Add an architectural firm to the project team to develop new floor plan, details, and specifications.
- Incorporate modifications identified in the hydraulics re-evaluation.
- Incorporate modifications identified during the 60% design review meeting that increased the scope of work, such as:
 - Examination of alternative piping layouts so that actuated valves are more accessible, and to eliminate one flowmeter.
 - Redesign the valve and gate actuation system from hydraulic to pneumatic at the request of BES maintenance staff.
 - Replace the ground floor plumbing (including the water heater) and fixtures in conjunction with the ground floor interior space modifications. Replace the plumbing in the pump pit with new.
 - Replace the pump pit galvanized steel grating with fiberglass grating.
 - Replace the sump pumping and piping system.
 - Replace all handrails and guardrails with OSHA compliant handrails and guardrails.
 - Provide removable safety chain rails and posts around all hatch and removable grated openings.
 - Incorporate a vibration monitoring system for all three pumps and motors.
- Coordinate with Portland General Electric (PGE) to study the feasibility of adding the pump station's standby generator into PGE's dispatchable power program. Work included modification to the raised exterior electrical equipment pad. BES and PGE have since determined that it is not feasible to add Guild's Lake Pump Station to PGE's program, but the equipment pad modifications will be retained.
- *Deliverables: A 75% phase set of plans and specifications, along with a cost estimate. After attendance at the 75% design review meeting, deliver review meeting minutes and written responses to BES review comments.*

TASK 5 – CONSTRUCTION SERVICES

- Perform an electrical power system study to include Short Circuit, Coordination, and Arcflash, using the latest SKM software.
 - Perform site visits (up to 4 more).
 - Respond to requests for information (RFI) and requests for clarification (RFC).
 - Review and respond to submittals.
 - *Deliverables: Written responses to RFIs, RFCs, and submittal reviews. Written reports for site visits. Preliminary and final electrical power system study. Final study shall include all software files used to generate the study and Arcflash labels (pdf file format) for equipment over 240 volts that are included in the study. BES will produce and affix the actual labels.*
3. The Contractor shall assign the following personnel to perform work in the capacities designated.

SUBCONTRACTORS

The Contractor shall assign the following subcontractors to perform work in the capacities designated:

NAME	ROLE ON PROJECT
Works Partnership Architecture, LLC	Architectural Services (MWESB)

4. Additional compensation is necessary and shall not exceed \$128,133.00. The new not-to-exceed contract amount is \$372,522.00. A summary of the current authorized budget amount, broken down by Tasks, and this amendment is shown in Table 1, below.

TABLE 1

Task	Description	Current Authorized Budget Amounts	Proposed Amendment No. 3 Amounts	Adjusted Task Budget Amounts
1.0	Project Management	\$ 20,532	\$ 13,836	\$ 34,368
2.0	Pre-Design	\$ 50,304	\$ 18,560	\$ 68,864
3.0	Final Design	\$124,659	\$ 79,593	\$204,252
4.0	Bidding Services	\$ 5,506	-	\$ 5,506
5.0	Construction Services	\$ 43,388	\$ 16,144	\$ 59,532
Total Contract Amount		\$244,389	\$128,133	\$372,522

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.

BERGER/ABAM ENGINEERS, INC.:

By: Thomas R. Wilcox Date: 12/2/10

Name: THOMAS R. WILCOX

Title: VICE PRESIDENT

184380

Contract No. 30000337

Amendment/Change Order No. 3

Contract Title: Professional Services For Engineering Design And Services During Construction
For The Guilds Lake Pump Station Reliability Improvements

CITY OF PORTLAND SIGNATURES:

By: _____
Purchasing Agent

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: 12/9/10

CITY ATTORNEY