

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE: Motion to Authorize the City Manager to execute a contract supplement with Otak, Inc. for professional services in an amount not to exceed \$175,000 to 1) develop a conceptual site plan for mitigation improvements in Boeing Creek Park and; 2) complete design of the Pond Phase and Pump Phase of the 3rd Ave NW Drainage Improvement Project

DEPARTMENT: Public Works

PRESENTED BY: Jill Marilley, P.E., City Engineer
Jon Jordan, P.E., Capital Projects Manager

PROBLEM/ISSUE STATEMENT: This contract supplement will provide the resources to develop a conceptual site plan for mitigation improvements in Boeing Creek Park. The site plan will be used for community workshops, coordination with the Parks Board prior to final design, and to apply for a matching grant from the Interagency for Outdoor Recreation Committee (IAC). This contract supplement will also provide the resources to complete final plans, specifications, and contract documents for the remaining phases of the 3rd Avenue NW Drainage Improvement project. These include the Pond Phase (modifications to the Boeing Creek Stormwater Facility) and Pump Phase (Pan Terra Pond), as described below.

This contract supplements the current contract amount of \$430,000 which includes the original \$385,000 contract and a \$45,000 supplement for a total contract amount of \$605,000. The scope of work covered in this contract and supplements includes design of: 1) the design of the 3rd Avenue Drainage Improvements; 2) modifications to the Boeing Creek Stormwater Facility; 3) the Pan Terra Pond & Pump; and 4) the conceptual site plan for the mitigation improvements in Boeing Creek Park. The related construction cost for this design work totals \$5.5 million.

- **Pond Phase – Boeing Creek Stormwater Facility Modifications**

The Pond Phase will mitigate for peak flows from the pipe phase and pump phase improvements. The scope of work authorized by this contract supplement will complete the design of modifications to the existing North Pond (Boeing Creek Stormwater Facility). Construction will be concurrent with park mitigation improvements (see below) following King County construction of the sewer storage facility. It anticipated that staff will request your authorization to award the construction contract for these modifications in 2007.

- **Pump Phase – Pan Terra Pond Pump Station**

The Pump Phase will reduce flooding at N 183rd and Dayton Place N and downstream in Happy Valley. The scope of work authorized by this contract supplement will complete the evaluation of the impact of these improvements on the capacity of the

Boeing Creek Stormwater facility and complete the design of a pump station in Pan Terra Pond. It anticipated that staff will request your authorization to award the construction contract in 2008.

- **Park Mitigation**

The Park Mitigation will provide park improvements in the NW corner of Boeing Creek Park as mitigation for the King County project to replace the Boeing Creek Trunk Sewer and construct a new underground sewer storage detention facility beneath the Boeing Creek Stormwater Facility within Boeing Creek Park. The scope of work authorized by this contract supplement will consist of developing a conceptual site plan for the park improvements. The improvements generally include the following: paved perimeter trail and trail to the 3rd Ave NW entry, expanded parking and a new fence along NW 175th St. and 3rd Ave NW, a rest room, interpretive and directional signage, grading, landscaping, and benches. It anticipated that staff will request your authorization to award the construction contract for these improvements in 2007.

Staff will continue to coordinate with the County regarding the construction sequencing of their sewer storage pipe in Boeing Creek Park and the City's future park mitigation improvements and modifications to the Boeing Creek stormwater facility.

FINANCIAL IMPACT:

Project Cost *	Amount
Conceptual Design of Park Mitigation	\$35,000
Design of Pond and Pump Phases	\$140,000
Construction of Mitigation Improvements	\$900,000 estimate
Construction of Stormwater Facility Improvements	\$700,000 estimate
Total	\$1,775,000

* Costs do not include potential construction of Pan Terra Pond pump. Pre-design activities are determining the least cost solution.

Revenue Sources	Amount
Surface Water Fund	\$560,000
King County Mitigation	\$1,232,600
Subtotal	\$1,792,600
IAC Grant (if awarded)	\$500,000
Total	2,292,600

NEXT STEPS: Staff has already begun the application process for an Interagency Committee for Outdoor Recreation (IAC) matching grant of up to \$500,000 for park improvements. Design of the mitigation improvements will continue now through 2006 and include coordination with the community and the Parks Board. Construction of the mitigation improvements and modifications to the stormwater facility, will take place following the County's construction of the sewer storage facility and sewer trunk replacement according the schedule below. Construction of the Pan Terra pump station will depend on need and availability of funds.

Schedule:

1. Construction Phase 1 (Pipe) through April 2005 with final layer of asphalt June of 2005
2. Pre-design of Phase 2 (Pond) and Phase 3 (Pump) now through June 2005

3. Final Design of Phase 2 (Pond), Phase 3 (Pump) and Park Mitigation 2005-2006
4. Construction of King County Sewer Storage Facility in Boeing Creek Park 2005-2007
5. Construction of King County Sewer Trunk Replacement in Richmond Beach Saltwater Park 2006-2009
6. Construction Phase 2 (Pond) and Park Mitigation Improvements 2007-2008
7. Construction Phase 3 (Pump) to be determined

RECOMMENDATION

Staff requests that Council authorize the City Manager to execute contract supplement (Supplement No. 2) with Otak, Inc., for professional services in an amount not to exceed \$175,000 to 1) develop a conceptual site plan for mitigation improvements in Boeing Creek Park, and; 2) complete design of the Pond Phase and Pump Phase of the 3rd Ave NW Drainage Improvement Project.

Approved By: City Manager  City Attorney 

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