



**BUSINESS OF THE CITY COUNCIL  
CITY OF MERCER ISLAND**

**AB 6003  
January 18, 2022  
Consent Agenda**

**AGENDA BILL INFORMATION**

<b>TITLE:</b>	AB 6003: Lincoln Landing Shoreline and Stormwater Enhancement Project Bid Award	<input type="checkbox"/> Discussion Only
<b>RECOMMENDED ACTION:</b>	Award the Lincoln Landing Shoreline and Stormwater Enhancement Project to OMA Construction Inc.	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

<b>DEPARTMENT:</b>	Public Works
<b>STAFF:</b>	Jason Kintner, Chief of Operations Paul West, CIP Project Manager
<b>COUNCIL LIAISON:</b>	n/a
<b>EXHIBITS:</b>	1. Project Vicinity Map 2. Existing Site Photos 3. Landscape Plan Sheet
<b>CITY COUNCIL PRIORITY:</b>	1. Prepare for the impacts of growth and change with a continued consideration on environmental sustainability.

<b>AMOUNT OF EXPENDITURE</b>	\$ 582,438.10
<b>AMOUNT BUDGETED</b>	\$ 444,338.10
<b>APPROPRIATION REQUIRED</b>	\$ 138,100.00

**SUMMARY**

The objective of the Lincoln Landing Shoreline and Stormwater Enhancement Project is to stabilize an eroded stream channel, replace a shoreline bulkhead with a gravel beach, and provide landscape improvements to a street end park close to the Town Center. This project will improve water quality and aquatic habitat, as well as public recreation. The project will also take advantage of the extensive sitework to install an access manhole on the City’s Sewer Lake Line, notably improving sewer utility access for inspections and maintenance.

This agenda bill provides an overview of the project development, design considerations, and key elements of construction. It describes bid results, successful bidder’s qualifications, estimated project budget, and staff’s recommendation for awarding the project.

**BACKGROUND**

Lincoln Landing is the north terminus of 76<sup>th</sup> Ave SE (see Exhibit 1) in a residential neighborhood, two blocks from Interstate 90 and a quarter mile from the Town Center. It is one of several street-end parks on Mercer

Island, formed where public right-of-way property extends all the way to the Lake Washington shoreline. The stream that flows through the site drains a 104-acre sub-basin, including part of the Town Center.

Stormwater flows have eroded the stream channel. A large concrete bulkhead stair spans the shoreline (see Exhibit 2). This site also contains extensive utilities, including a portion of the City of Mercer Island's Sewer Lake Line, King County Metro Sewer piping, and a nearby stormwater collection and treatment vault owned by Washington State Department of Transportation (WSDOT).

In 2017, the City was awarded a grant from the King County Flood Control District Sub-Regional Opportunity Fund for the design of shoreline and stormwater enhancements for this site. This grant has provided 100% of the funding for the project's design. In 2018, the same fund awarded the project full funding for construction of the stormwater, shoreline, and park improvements. Permitting and design revisions delayed completion of the design until fall of 2021.

## **PROJECT DESCRIPTION**

The project will improve the aquatic and terrestrial habitat of the site. The end result will be a multi-use park that showcases functional and attractive stormwater conveyance and 'green shoreline' design. Project elements, as shown in Exhibit 3, include:

- Re-grading the stream channel, placing imported river cobble, and installing rock weirs to dissipate the energy from peak storm flows and provide fish passage
- Removing the shoreline bulkhead and re-grading the bank to provide a gradual entry to the lake
- Installing gravel beach material over the regraded shoreline extending into the lake to improve fish habitat
- Installing a stormwater catchment system and treatment vault to treat street runoff prior to it entering the watercourse and lake
- Constructing a new concrete path with reinforced turf edges to allow service vehicles to access the sewer utility manholes
- New landscaping around the stream channel, consisting primarily of native shrubs and trees to provide shading and control erosion
- Installing a bench and picnic table.

Work on the sewer line that runs through the site will include installation of a new sewer manhole that will provide direct access to a 1,500-foot section of the Sewer Lake Line that is currently difficult to access. The new manhole will be located on land, making maintenance and inspections significantly easier. In addition, the work will provide access to other unreachable elements of the sewer system.

Public Works has been seeking opportunities to include utility upgrades within other capital projects where feasible. This project provides such an opportunity. Installing the manhole at a later date would damage the park improvements being installed with this project.

## **BID RESULTS AND AWARD INFORMATION**

The project was advertised for bids on November 16, 2021. The base bid for the project included all scheduled work and there were no bid alternates. Four contractor bids were received on December 14, 2021. Table 1 on the next page provides a summary of bid results:

**TABLE 1: BID RESULTS FOR 21-26 LINCOLN LANDING**

COMPANY NAME	TOTAL BID
OMA Construction, Inc.	\$431,702.10
Green Tech Excavation	\$519,672.00
Duwamish Services LLC	\$531,012.30
GEC NW, Inc.	\$568,914.23
<b>Engineer's Estimate:</b>	<b>\$455,814.00</b>

*Note: all numbers shown above include Washington State Sales Tax of 10.1%*

After evaluating bid submittals and determining bidders' qualifications, staff concluded that OMA Construction, Inc. is a responsive low bidder. OMA Construction has constructed comparable watercourse and shoreline projects for other agencies including Sound Transit, WSDOT/Seattle Tunnel Partners, and King County. Review of the Labor and Industries (L&I) website confirms OMA Construction is a contractor in good standing, with no license violations, outstanding lawsuits, or L&I debt. Based on staff's review of the bid submittals, OMA Construction, Inc. is the lowest responsible bidder for this Project.

**PROJECT BUDGET**

The watercourse, stormwater, shoreline, and park elements of the project will be reimbursed 100% by the King County Flood Control District grant. The sewer access manhole and associated sewer work is not covered by the grant. To move forward, the project needs an appropriation by City Council to complete the sewer element. Staff recommends that this cost be covered by an appropriation from 2021 savings within the Sewer Capital Program.

**TABLE 2: TOTAL PROJECT COST/BUDGET**

Lincoln Landing Shoreline and Stormwater Enhancement Project	Shoreline, Stormwater, and Park Improvement (PA0118)	Sewer Utility Improvements	PROJECT TOTAL
Construction	292,100	100,000	392,100
Sales Tax @ 10.1%	29,502	10,100	39,602
<b>Construction Contract Subtotal</b>	<b>\$321,602</b>	<b>\$110,100</b>	<b>\$431,702</b>
Construction Contingency @ 15%	43,815	15,000	58,815
Engineering Support Services	51,000	8,000	59,000
Project Management	15,000	5,000	20,000
1% for the Arts	2,921	0	2,921
Inspection and Testing Services	10,000	0	10,000
<b>Project Administration Subtotal</b>	<b>\$122,736</b>	<b>\$28,000</b>	<b>\$150,736</b>
<b>Total Project Costs</b>	<b>\$444,338</b>	<b>\$138,100</b>	<b>\$582,438</b>
<b>Total Available Grant Funding</b>	<b>444,338</b>	<b>0</b>	<b>444,338</b>
<b>Budget Appropriation Needed</b>	<b>\$0</b>	<b>\$138,100</b>	<b>\$138,100</b>

Construction contingency was set at 15% due to the extensive earthwork around existing utilities and the lack of accurate as built site plans for the Lincoln Landing project.

The construction schedule is negotiated with the contractor after bid award. Work is likely to begin in April 2022. Stream channel work will start after June 15, 2022, to comply with permit requirements. Bulkhead removal and shoreline construction will start after July 15, 2022, for the same reason. Construction will be completed by September 30, 2022. Nearby residents will be notified before and during project construction.

### **RECOMMENDATION**

Staff recommends authorizing the City Manager to execute a contract with OMA Construction, Inc. for the construction of Lincoln Landing Shoreline and Stormwater Enhancement and appropriate \$138,100.00 from 2021 savings within the Sewer Capital Program to complete the sewer element of the project.

### **RECOMMENDED ACTION**

1. Award Bid No. 21-26 to OMA Construction, Inc. a Washington-based company,
2. Authorize the City Manager to execute a contract with OMA Construction, Inc., in an amount not to exceed \$431,702.10; and
3. Appropriate \$138,100.00 from 2021 savings within the Sewer Capital Program to fund the installation of an access manhole in the City's Sewer Lake Line.