



## BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

**AB22-125**  
**September 12, 2022**  
**Committee Report**

### AGENDA BILL INFORMATION

<b>TITLE:</b>	AB22-125: Sandy Cove Park Bank Protection and Restoration - Phase 2 Rescoping; Contract Amendment with NHC	<input type="checkbox"/> Discussion Only
<b>PROPOSED ACTION:</b>	Approve the amendment to Task Order 38 agreement with Northwest Hydraulic Consultants (NHC) for Final Design of the Sandy Cove Park Bank Stabilization Project	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

<b>REVIEW:</b>	Department Director/Peer	Mike Chambless	8/30/2022
	Finance	Drew Bouta	8/30/2022
	Legal	Bob Sterbank	8/30/2022
	City Administrator	Mike Sauerwein	8/30/2022

<b>DEPARTMENT:</b>	Parks & Public Works		
<b>STAFF:</b>	Jeff Hamlin, PE; City Engineer		
<b>COMMITTEE:</b>	Parks & Public Works	<b>COMMITTEE DATE:</b> September 6, 2022	
<b>MEMBERS:</b>	Bryan Holloway	Ethan Benson	Jo Johnson
<b>EXHIBITS:</b>	1. Amendment No. 1 to NHC Task Order 38 2. Scope Proposal; Sandy Cove Park Bank Protection and Restoration – Phase 2 Rescoping 3. Original Task Order; Sandy Cove Park Bank Protection and Restoration – Phase 2; dated January 29, 2019 4. CIP Project Page		

<b>AMOUNT OF EXPENDITURE</b>	\$ 487,168.00
<b>AMOUNT BUDGETED</b>	\$ 5,919,364.00
<b>APPROPRIATION REQUESTED</b>	\$ 487,168.00

### SUMMARY

#### INTRODUCTION

The Preliminary Design and permitting budget for the riverbank stabilization project is nearly expended. This agenda bill provides for the final design and bid support for the project.

#### LEGISLATIVE HISTORY

AB19-011 – Northwest Hydraulic Consultants Task Order 38, Sandy Cove Design and Permitting Phase 2

#### BACKGROUND

The PSE weir modifications were made during the 2014 NHC study (first issued in April 2013), and NHC made

several recommendations related to the resulting changes to the hydraulics and geomorphology of the project reach:

- At the time of NHC (2014), the most recent hydraulic model calibration that had been performed was documented in 2008, before the weir at Snoqualmie Falls was lowered. NHC (2014) recommended that new calibration be performed after water-level data is collected from a post weir modification flood.
- The NHC (2014) geomorphic assessment noted the growing influence of significant gravel bars in the Snoqualmie River reach. In particular, erosion at the project site is likely the result of mid-channel gravel bar growth in the channel at Sandy Cove Park. The lowering of the PSE weir at Snoqualmie Falls lowered the water surface through the river reach and this is expected to further increase the relative prominence of gravel bars and their hydraulic impact on the flow. Additionally, lowering the weir will increase the hydraulic power and gravel bedload transport into the reach. Since sand and gravel have a direct impact on the stability of the river and riverbanks, this transition has a major impact on banks at the Park.

## **ANALYSIS**

A continuation of the Phase 2 scope of work is needed to continue the federal, state, and local permitting process for the bank protection and restoration project at Sandy Cove Park. NHC prepared and submitted a Joint Aquatic Resources Permitting Application (JARPA) for a Nationwide Permit (NWP) in January 2020 under the original Phase 2 scope of work. Upon review of the JARPA submittal, the US Army Corps of Engineers (Corps) transferred the project to a new Project manager on June 18, 2020, initiated an Individual Permit (IP) permitting path and requested an Alternative Analysis Framework analysis as part of the IP process during a meeting on July 9, 2020.

Corps and stakeholder review of the 2020 JARPA submittal and associated Alternatives Analysis were delayed by the COVID-19 pandemic, which lead to inadequate time for Washington Department of Ecology (Ecology) review of the application within their 12-month review period. In July 2021, the Corps recommended the project be withdrawn from Ecology review and a new application started. Significant out-of-scope efforts conducted to date include the Alternatives Analysis (Approved in September 2021), and preparation of temporary/emergency Stabilization concepts (September 2021). Following the completion of the Alternatives Analysis, a draft Mitigation Plan with suggested mitigation alternatives and mitigation ratios was submitted to the previous USACE project manager on January 30, 2020. Consultation regarding finalizing mitigation alternatives and mitigation ratios is anticipated to occur with a USACE project manager, once assigned. This process is on hold until the USACE appoints a new project manager.

## **BUDGET IMPACTS**

*Administration recommends approving an amendment to Task Order 38 with Northwest Hydraulic Consultants (NHC) in the amount of \$487,168 to complete the design of the Sandy Cove Park Riverbank Restoration and Outfall Project. Council approved the project as part of the Utilities CIP as adopted on November 23, 2020 (AB20-104) but then removed the project from the amended CIP as adopted on April 12, 2021 (AB21-024). The purpose of its removal was to require the Administration to bring back a presentation regarding the need, scope, and cost of the project, at which time Council may decide to add back the project to the CIP. On November 8, 2021, and without such a presentation, Council amended the 2021-2022 Biennial Budget to align the budget with the amended CIP. Consequently, the City has budgeted \$0 during the 2021-2022 biennium for the Sandy Cove Park Riverbank Restoration and Outfall Project. Subsequently, Council has toured the Sandy Cove Park riverbank restoration site and listened to staff regarding the need, scope, and cost of the project. In addition, Council adopted the 2023-2028 CIP on August 8, 2022 that included the Sandy Cove Park Riverbank Restoration and Outfall Project for a total of \$5,500,000 with \$3,618,000 expected to be budgeted for the 2023-2024 biennium. An estimated \$394,059 (the portion of the Task Order No. 38 contract tied to Sandy Cove is equal to \$388,741) has been incurred against the project budget to-date with \$0 in contractual value. When accounting for this amendment, the City will have a remaining project budget of \$4,877,042.*

*In order to accommodate any expenditures that may occur from this amendment within the current 2021-2022 biennium, the City proposes offsetting the cost by reappropriating budget from the Kimball Creek Riparian Restoration Project (2021-2022 appropriation = \$2,241,926). No expenditures have been incurred against the Kimball Riparian Restoration Project budget to-date. Therefore, sufficient appropriation exists within the current 2021-2022 biennial budget (Utilities Capital Fund #417) to fund the amendment.*

#### **NEXT STEPS**

Next steps include completion of the final design and permitting effort in preparation for Summer 2023 bid advertisement.

#### **PROPOSED ACTION**

Move to approve the amendment with Northwest Hydraulic Consultants Task Order 38 Sandy Cove Design Phase 2, and authorize the Mayor to sign.