

Motion No. M2019-04

NE 130th Street Infill Station Contract Amendment for Preliminary Engineering Services

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee Board	01/10/2019 01/24/2019	Recommend to Board Final action	Don Billen, PEPD Executive Director Kamuron Gurol, North Corridor Development Director John Evans, HCT Development Manager, PEPD Taylor Carroll, Project Manager, PEPD

Proposed action

Authorizes the chief executive officer to execute a contract amendment with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide conceptual engineering and preliminary engineering services for the NE 130th Street Infill Station project in the amount of \$2,561,477, with a 10% contingency of \$256,148 totaling \$2,817,625, for a new total authorized contract amount not to exceed \$106,564,974.

Key features summary

- This contract amendment will allow the use of the final civil design consultant for the Lynnwood Link Extension Project (LLE) to complete the Conceptual Engineering and the Preliminary Engineering phase for the NE 130th Street Infill Station Project.
- Completing preliminary engineering will inform a future Board decision on whether to advance the project into final design and construction concurrent with the Lynnwood Link Extension.
- In addition to advancing the station design to 30 percent, this change order provides resources to complete constructability analyses for developing options to minimize or eliminate single-tracking and other service disruptions to LLE. The constructability analyses will be done in coordination with the General Contractor/Construction Management (GC/CM) contractor that is constructing the civil elements of LLE.
- The Civil Preliminary Engineering services to be provided under this amendment include: completing conceptual engineering, completing preliminary engineering, confirming and updating environmental review from LLE Final Environmental Impact Statement (FEIS) for the station, analyzing safety and security, providing materials for outreach, and supporting creation of construction options to minimize/avoid impacts to LLE service.

Background

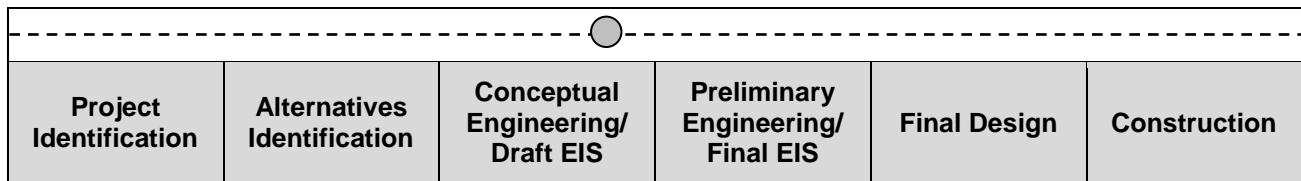
This contract amendment (change order) is a follow-up action to the September 27, 2018, Board adoption of Resolution No. R2018-34 authorizing acceleration of Preliminary Engineering for the NE 130th Street Infill Station and a budget amendment for that work. The budget amendment authorized a total of \$6,769,000 to undertake the due diligence necessary to determine if design and construction of

the Station can be completed within a timeline that eliminates or minimizes service disruption to Lynnwood Link Extension (LLE). This process will inform a future Board decision on whether to advance the project into final design and construction concurrent with the Lynnwood Link Extension.

This action seeks a change order relating to consultant services currently being provided in connection with the LLE project, and exercises the option under the current contract for services for the NE 130th Street Infill Station. With this change order, Sound Transit will complete preliminary engineering using consultant resources and staff familiar with the LLE project. The work scope and schedule for this effort is organized to ensure resources used on the project do not negatively impact progress on LLE, and while maintaining separation between this project’s budget and accounting and that of the LLE project.

In addition to advancing NE 130th Street Infill Station design to 30 percent, this change order provides resources to complete constructability analyses to address the trade-offs of minimizing or eliminating single-tracking and other service disruptions to Lynnwood Link.

Project status



Projected completion date for Preliminary Engineering: 4Q 2019

Procurement information

On March 24, 2016, the Board authorized the chief executive officer to execute a contract with HNTB Jacobs for the final design phase of LLE. The contract includes the option of executing a change order for work on the NE 130th Street Infill Station. By exercising this option, the project gains efficiencies in schedule as well as the design team’s pre-existing knowledge of LLE and 130th Street Infill Station design.

Fiscal information

This action is within the authorized project allocation to date and sufficient funds remain after approval of the action to fund the remaining work in the Preliminary Engineering phase as contained in the current cost estimates of this project.

The authorized project allocation to date for the NE 130th Street Infill Station project is \$6,769,000. Within the Preliminary Engineering phase, \$3,416,368 has been allocated to the budget line item for Civil Preliminary Engineering. This proposed action would commit an additional \$2,817,625, leaving a remaining budget balance of \$599,743.

The proposed amendment will increase the contract amount with HNTB-Jacobs from \$103,747,349 to \$106,564,974. The existing contract was for the Lynnwood Link Extension project and the increased amount will be used for the NE 130th Street Infill Station project.

NE 130th Street Infill Station

(in thousands)

	Authorized Project Allocation	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Administration	\$1,370	\$15	\$	\$15	\$1,355
Preliminary Engineering	4,189		2,818	2,818	1,371
Final Design					
Third Party Agreements	1,088				1,088
Right of Way	22				22
Construction	100				100
Construction Services					
Vehicles					
Project Contingency					
Total Current Budget	\$6,769	\$15	\$2,818	\$2,832	\$3,937
Phase Detail					
Preliminary Engineering					
Civil Preliminary Engineering	\$3,416		\$2,818	\$2,818	\$599
Other Preliminary Engineering	773				773
Total Phase	\$4,189	\$	\$2,818	\$2,818	\$1,371

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
HNTB-Jacobs				
Contract Amount - Lynnwood Link	\$100,646	\$100,646	\$	\$100,646
Contingency	3,101	3,101		3,101
Percent Contingency	3%	3%	0%	3%
Total - Lynnwood Link	\$103,747	\$103,747	\$	\$103,747
Contract Amount - NE 130th St Infill Stn			2,561	2,561
Contingency			256	256
Percent Contingency	0%	0%	10%	10%
Total - NE 130th St Infill Stn	\$	\$	\$2,818	\$2,818
Contract Total	\$100,646	\$100,646	\$2,561	\$103,208
Contingency Total	\$3,101	\$3,101	\$256	\$3,357
Percent Contingency	3%	3%	10%	3%
Total	\$103,747	\$103,747	\$2,818	\$106,565

Notes:

Amounts are expressed in Year of Expenditure.

Board Approvals = Committed To-Date + Contingency as of Nov 2018 and includes pending Board actions.

Details of this project will be found in the 2019 Financial Plan & Adopted Budget book.

Small business participation and apprenticeship utilization

Participation by small businesses and disadvantaged business enterprises (DBEs)

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Consistent with Sound Transit Policies and Federal Regulations, Sound Transit has established Small Business/DBE goals for this contract. These goals are based upon an examination of subcontracting opportunities contained in the work of this contract and the number of Small Businesses/DBEs available to perform such subcontracting work.

For this specific contract, the following goals were set and the successful Bidder/Proposer has committed to the following Small Business/DBE Participation:

Disadvantaged and Small Business Participation

Sound Transit Goal:

Small Business: 14%

DBE: 7%

Commitment:

Small Business: 17%

DBE: 8%

Subconsultant/Subcontractor	Business Type	% of Work	Amount
C&N	SBE	2.1%	\$51,300
Greenbusch	DBE	0.8%	\$19,686
Lin	DBE	1.7%	\$41,671
Rolluda	DBE	5.7%	\$139,160
Rushing	SBE	5.0%	\$120,929
Wilson Ihrig	SBE	1.2%	\$28,182
Total		16.5%	\$400,928

Public involvement

Not applicable to this action

Time constraints

A one-month delay would not create a significant impact to the project schedule.

Prior Board/Committee actions

Resolution No. R2018-34: (1) Amended the adopted 2018 annual budget to create the 130th Street Station project by (a) establishing the authorized project allocation to date in the amount of \$6,769,000 and (b) establishing the 2018 annual budget in the amount of \$315,000, and (2) authorized acceleration of the preliminary engineering phase to begin in 2018.

Motion No. M2016-29: Authorized the chief executive officer to execute a contract with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide civil final design services for the Lynnwood Link Extension in the amount of \$70,256,263, with a 5% contingency of \$3,512,813, for a total authorized contract amount not to exceed \$73,769,076.

Environmental review – KH 1/2/19

Legal review – JEN 01/04/19

Motion No. M2019-04

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide conceptual engineering and preliminary engineering services for the NE 130th Street Infill Station project in the amount of \$2,561,477, with a 10% contingency of \$256,148 totaling \$2,817,625, for a new total authorized contract amount not to exceed \$106,564,974.

Background

This contract amendment (change order) is a follow-up action to the September 27, 2018, Board adoption of Resolution No. R2018-34 authorizing acceleration of Preliminary Engineering for the NE 130th Street Infill Station and a budget amendment for that work. The budget amendment authorized a total of \$6,769,000 to undertake the due diligence necessary to determine if design and construction of the Station can be completed within a timeline that eliminates or minimizes service disruption to Lynnwood Link Extension (LLE). This process will inform a future Board decision on whether to advance the project into final design and construction concurrent with the Lynnwood Link Extension.

This action seeks a change order relating to consultant services currently being provided in connection with the LLE project, and exercises the option under the current contract for services for the NE 130th Street Infill Station. With this change order, Sound Transit will complete preliminary engineering using consultant resources and staff familiar with the LLE project. The work scope and schedule for this effort is organized to ensure resources used on the project do not negatively impact progress on LLE, and while maintaining separation between this project's budget and accounting and that of the LLE project.

In addition to advancing NE 130th Street Infill Station design to 30 percent, this change order provides resources to complete constructability analyses to address the trade-offs of minimizing or eliminating single-tracking and other service disruptions to Lynnwood Link.

Motion

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract amendment with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide conceptual engineering and preliminary engineering services for the NE 130th Street Infill Station project in the amount of \$2,561,477, with a 10% contingency of \$256,148 totaling \$2,817,625, for a new total authorized contract amount not to exceed \$106,564,974.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on January 24, 2019.



John Marchione
Board Chair

Attest:



Kathryn Flores
Board Administrator