

MOTION NO. M2018-99
Additional Contingency for Civil DSDC – Northgate Link Extension

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	08/17/2018	Cancelled	Ron Lewis, DECM Acting Executive Director
Board	08/23/2018	Final Action	Don Davis, Executive Project Director – Northgate Link Extension

PROPOSED ACTION

Authorizes the chief executive officer to increase the contract contingency for McMillen Jacobs Associates (formerly Jacobs Associates) to provide additional civil design support during construction services for the Northgate Link Extension in the amount of \$3,700,000, for a new total authorized contract amount not to exceed \$104,208,106.

KEY FEATURES SUMMARY

- This action will provide civil design support during construction (DSDC) services for the Northgate Link Extension for work items on which such services were not anticipated in the original scope of work for the DSDC contract.
- Most of these work items are in the Northgate Link Extension scope and budget, and were anticipated to be performed by third parties and reimbursed by Sound Transit. Subsequently, Sound Transit decided to contract the work, which provided better schedule reliability at no additional cost to the project.
- In July 2012, the Board approved \$19,964,738 for DSDC under this contract. Subsequent to the authorization, the scope of work for DSDC increased due to the addition of items that were not anticipated in the original DSDC scope of work. Many of these additional work items were budgeted under different areas of the project as noted below:
 - DSDC support for development and implementation of a noise and vibration monitoring system on the University of Washington (UW) campus. This work was required by Sound Transit agreements with the UW and was included under the UW’s project budget before being transferred to the DSDC scope of work.
 - The project initially anticipated the garage would be built by a developer and DSDC costs would be incurred by that entity and reimbursed by Sound Transit. When Sound Transit assumed the lead role for construction of the garage, the need for DSDC services was identified.
 - The project budget included funding for the advance utility relocation and site preparation contracts, with work to be performed by Seattle City Light and reimbursed by Sound Transit. The need for DSDC services was identified when Sound Transit decided to lead the work due to SCL’s limited crew availability.
 - The project budget included funding of special inspection for excavation support at stations to be performed by City of Seattle inspectors and reimbursed by Sound Transit. Due to schedule constraints of City inspectors, Sound Transit will perform the inspection work as well as DSDC services.

BACKGROUND

The Northgate Link Extension is a 4.3-mile extension of light rail from the University of Washington Station north under the campus via twin-bored tunnels to an underground station in the University District (U District Station), an underground station along 12th Avenue NE between NE 65th Street and NE 67th Street (Roosevelt Station), and continuing to an elevated station east of 1st Avenue NE, spanning NE 103rd Street (Northgate Station). The Northgate Link Extension is scheduled to be complete and ready for revenue service in September 2021.

In order to provide design support to some of the early construction contracts in the Northgate Link Extension, early scoping efforts took place in 2012. The scope of the DSDC contract was based on that early scope of work and the associated contract packaging plans and practices, which defined work to be performed by Sound Transit and work to be performed by third parties.

As the design evolved and the construction contract packages and work assignments became better defined, the contracting method of several contract packages changed. For example, early in the project, it was anticipated that the required utility relocations would be done by utility companies. However, when it became evident that the utilities did not have the capacity to do all the work in the required timeframe, Sound Transit contracted with private firms to do the work and subsequently, had to provide DSDC services for those items. In several other instances, these changes required additional DSDC work. It is estimated that the cost of the additional DSDC services will be approximately \$3.7 million through the end of the project, though these costs are largely offset by amounts that were budgeted under other areas of the project. This amendment would provide the funding necessary for the design consultant to continue to perform these critical services through project completion.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering/ Draft EIS	Preliminary Engineering/ Final EIS	Final Design	Construction

Projected Completion Date for Construction: 3Q 2021

Project scope, schedule, and budget summary located on page 9 of the May 2018 Link Light Rail Program Progress Report.

FISCAL INFORMATION

The baseline budget for the Northgate Link Extension is \$1,899,755,500. Within the Final Design phase, \$23,760,299 has been allocated to the budget line item for Civil DSDC services. The proposed action would increase commitments for this line item by \$3,700,000 to a revised total commitment of \$23,664,738 and leave a remaining budget balance of \$95,561.

The McMillan Jacobs Associates contract is funded by the Civil DSDC and Civil FD sub phases of the Final Design phase. The Civil DSDC phase contributes \$19,964,738 and the Civil FD phase contributes \$80,543,368 for a total board authorized contract value of \$100,508,106. This action will increase this contract by \$3,700,000 bringing the revised contract authority to \$104,208,106.

This action is within the baseline budgets for the above projects, and sufficient monies remain after approval of this action to fund the remaining work in the Final Design phase.

Northgate Link Extension Budget Table

Northgate Link Extension

(in thousands)

	Baselined Budget	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$144,879	\$60,135	\$	\$60,135	\$84,744
Preliminary Engineering	15,077	15,077		15,077	
Final Design	132,167	121,697	3,700	125,397	6,770
Right of Way	112,300	100,363		100,363	11,937
Construction	1,343,023	1,263,962		1,263,962	79,060
Construction Services	118,310	105,365		105,365	12,945
Third Party	11,800	9,994		9,994	1,806
Vehicles					
Contingency	22,200				22,200
Total Current Budget	\$1,899,756	\$1,676,593	\$3,700	\$1,680,293	\$219,462

Phase Detail

Final Design

Civil DSDC	\$23,760	\$19,965	\$3,700	\$23,665	\$96
Civil FD	\$81,692	\$80,543		\$80,543	\$1,149
Other Final Design Phase	26,715	21,189		21,189	5,526
Total Phase	\$132,167	\$121,697	\$3,700	\$125,397	\$6,770

Contract Detail

McMillan Jacobs Associates

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Agreement Amount	\$98,929	\$98,929		\$98,929
Contingency	1,579	1,579	3,700	5,279
Total	\$100,508	\$100,508	\$3,700	\$104,208
Percent Contingency	2%	2%	0%	5%
Total NorthGate Link Extension	\$100,508	\$100,508	\$3,700	\$104,208

Notes:

Amounts are expressed in Year of Expenditure

Board Approvals = Committed To-Date + Contingency as of June 2018 and includes pending Board actions. Additionally includes a Working budget transfer from Civil FD to Civil DSDC and Change order 46.

For detailed project information, see page 22 of the Adopted 2018 Transit Improvement Plan, as amended by resolution of the ST Board in May 2018 (R2018-16, adopted 05/24/18).

SMALL BUSINESS/DBE 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.

McMillan Jacobs Associates committed to a small business participation goal of 17.43% in their original contract. To date, they have achieved 17.54% small business participation.

For this amendment it is anticipated that the small business participation will continue to meet participation goals.

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 16%

DBE: 0%

Commitment:

Small Business: 17.43%

DBE: 0%

PUBLIC INVOLVEMENT

The Northgate Link Extension maintains an active public involvement program to keep affected communities informed about facility design and construction plans and seek public input on those plans as the project proceeds.

Community outreach and other project staff meet with affected neighborhood and business groups, property owners, businesses and individuals on a regular basis to provide project updates and respond to questions and concerns about the project. In addition, Sound Transit holds frequent public open house meetings to present station design information or construction updates and solicit public feedback on those plans. Additional meetings are also held with third party stakeholders and other agency staff to keep them informed on project progress and seek design review comments. A monthly electronic project newsletter is sent out to over 3,000 people on the project e-mail list to keep the interested public informed about project activities and upcoming community meetings.

TIME CONSTRAINTS

A delay could impact the design support during construction (DSDC) services being performed by the design consultants.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2016-129 (Betterment Authorization): Authorized the chief executive officer to execute a property settlement agreement with King County to acquire property and temporary construction easements from King County to construct the Northgate Station and to provide design and construction services for bus transit facilities to be constructed at or near the station on behalf of King County for a net payment amount of \$6,380,000. (Added \$500,000 in contingency to the McMillen Jacobs Associates contract.)

Motion No: M2015-04: Authorized the chief executive officer to increase the contingency for the civil final design services contract with Jacobs Associates for the Northgate Link Extension in the amount of \$8,200,000, for a new total authorized contract amount not to exceed \$100,008,106.

Motion No: M2013-65: Authorized the chief executive officer to increase the contingency for the contract with Jacobs Associates to provide final design services for the Northgate Link Extension in the amount of \$6,250,000 for a new total authorized contract amount not to exceed \$91,808,106.

Motion No: M2012-49: Authorized the chief executive officer to execute a contract amendment with Jacobs Associates to provide additional final design services, additional bid support, and design services during construction for the Northgate Link Extension in the amount of \$21,842,165, with a 10% contingency of \$2,184,217 totaling \$24,026,382, for a new total authorized contract amount not to exceed \$85,558,106.

Motion M2010-85: Authorized the chief executive officer to execute a contract with Jacobs Associates to provide civil engineering and architectural final design services for the North Link – UW Station to Northgate project for a total authorized amount not to exceed \$61,531,724.

ENVIRONMENTAL REVIEW

KH 8/1/18

LEGAL REVIEW

JSA 8/10/18

MOTION NO. M2018-99

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to increase the contract contingency for McMillen Jacobs Associates (formerly Jacobs Associates) to provide additional civil design support during construction services for the Northgate Link Extension in the amount of \$3,700,000, for a new total authorized contract amount not to exceed \$104,208,106.

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MOTION:

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer to increase the contract contingency for McMillen Jacobs Associates (formerly Jacobs Associates) to provide additional civil design support during construction services for the Northgate Link Extension in the amount of \$3,700,000, for a new total authorized contract amount not to exceed \$104,208,106.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on August 23, 2018.



John Marchione
Board Vice Chair

ATTEST:



Kathryn Flores
Board Administrator