

MOTION NO. M2015-04

Increase Contingency for Northgate Link Extension Final Design Services

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	01/08/2015	Recommendation to Board	Ahmad Fazel, DECM Executive Director
Board	01/22/2015	Final Action	Don Davis, Executive Project Director – Northgate Link Extension

PROPOSED ACTION

Authorizes 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.

KEY FEATURES SUMMARY

- The contingency funds requested will provide for additional design services to revise and augment the current design to address revisions stemming from, among other things, unanticipated third party requirements. The anticipated additions and changes include:
 - Preparation and review of permit submittals for all three Northgate Link stations, including City of Seattle Master Use Permits (MUPs), Street Improvement Permits (SIPs), Building Permits, code compliance reviews and Light Rail Review Panel (LRRP) reviews.
 - Design revisions resulting from updates to Sound Transit’s Design Criteria Manual and enhancements to the station designs to incorporate “lessons learned” from the University Link Extension into the Northgate Station designs.
 - Preparation of design documents for project elements that were not anticipated in the original design contract, including a new parking garage at Northgate and relocation of overhead power lines.
 - Incorporation of recommendations resulting from constructability reviews by the General Contractor/Construction Manager (GC/CM) into the design documents for the three Northgate Link stations.
 - Design of temporary parking facilities to accommodate replacement of parking spaces displaced by construction activities at Northgate.

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 September 2010, the Board authorized a contract with Jacobs Associates to refine the preliminary engineering work done under the Sound Move program and perform final design of all civil and architectural elements necessary to construct this extension. Final design began in October 2010 and has progressed significantly on all 10 civil contract packages required for the Northgate Link Extension, with design of four contract packages completed to date.

In July 2012, the Board authorized an amendment to the Jacobs contract in the amount of \$24,026,382, bringing the contract amount to \$85,558,106. This amendment provided funding for

design services during construction, bid support services and design scope changes that occurred over the first 20 months of final design.

In August 2013, the Board authorized an amendment to the Jacobs contract in the amount of \$6,250,000, bringing the contract amount to \$91,808,106. This amendment provided funding for added design activities to address design changes and additions that occurred over the following 12 months of final design.

The contingency increase requested by this action is anticipated to provide funding for all remaining additional final design services required through the completion of the project.

Pursuant to the National Environmental Policy Act (NEPA) and the State Environmental Policy Act (SEPA), Sound Transit and the Federal Transit Administration (FTA) issued the North Link Final Supplemental Environmental Impact Statement (SEIS) on April 7, 2006. The Final SEIS is a supplement to the Central Link Final Environmental Impact Statement (EIS) issued in November 1999, and discusses the environmental effects of extending light rail from the Pine Street Stub Tunnel to Northgate in the City of Seattle. In March 2012, FTA and Sound Transit issued a NEPA Re-evaluation and SEPA Addendum addressing design refinements for the North Link project.

FISCAL IMPACT

The Adopted 2015 Transportation Improvement Plan (TIP) for the Northgate Link Extension is \$2.131 billion. Within that amount \$81,843,368 has been set aside for Civil Final Design in the Final Design phase. The proposed action would increase commitments for this line item by \$8,200,000 to a revised total of \$80,043,368, and leave a remaining budget balance of \$1,800,000.

The current not to exceed authorized contract amount of \$91,808,106 for Jacobs Associates, which had been approved in prior Sound Transit Board motions, includes both Civil Final Design and other final design work. The proposed action would increase this amount by \$8,200,000 contingency for Civil Final Design to a new total authorized contract amount not to exceed \$100,008,106.

This action is within the adopted budget and sufficient monies remain after approval of this action to fund the remaining work in the Final Design phase as contained in the current cost estimates. Use of Final Design phase unallocated contingency is not required for this action.

Northgate Link Extension

	2015 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	147,500	53,604		53,604	93,896
Preliminary Engineering	15,077	15,077		15,077	0
Final Design	128,523	105,931	8,200	114,131	14,392
Right of Way	127,300	93,061		93,061	34,239
Construction	1,324,200	497,232		497,232	826,968
Construction Services	117,900	86,033		86,033	31,867
Third Party Agreements	11,800	10,389		10,389	1,411
Vehicles	259,100	4,698		4,698	254,402
Total Current Budget	2,131,400	866,025	8,200	874,225	1,257,175

Phase Detail

Final Design

Civil Final Design	81,843	71,843	8,200	80,043	1,800
Other Final Design	41,622	34,088		34,088	7,534
Final Design Unallocated Contingency	5,058	-		-	5,058
Total Phase	128,523	105,931	8,200	114,131	14,392

Contract Detail

Jacobs Associates

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	83,374	89,685	-	83,374
Contingency	8,434	2,123	8,200	16,634
Total	91,808	91,808	8,200	100,008
Percent Contingency	10%	2%	0%	20%

Notes:

Amounts are expressed in Year of Expenditure \$000s.

Board Approvals = Committed To-Date + Contingency, and includes pending Board actions.

2015 TIP = Project budget located on page 38 of the Proposed 2015 Transit Improvement Plan (TIP) as amended in

Board Resolution R2014-36 to be considered for adoption by the ST Board on 12/18/14.

SMALL BUSINESS PARTICIPATION

Jacobs Associates committed to a small business participation goal of 17.43% in their original contract. To date, they have achieved 18.88% small business participation.

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

Small Business Goals

Sound Transit Goal: 16%

Commitment: 17.43%

The subconsultants currently in the contract will continue to be used on the project. Future work percentages are to be determined.

Subconsultant	Business Type	% of Work	Dollar Value
Swift Company	DBE	TBD	TBD
Moniz Art + Architecture	DBE	TBD	TBD
Bolima Drafting & Design	DBE	TBD	TBD
Bright Engineering	DBE	TBD	TBD
C&N Consultants	DBE	TBD	TBD
Casseday Consulting	DBE	TBD	TBD
Chudgar Engineering	DBE	TBD	TBD
ESA Adolfson	Small Business	TBD	TBD

Greenbusch Group	Small Business	TBD	TBD
J.A. Brennan Associates	Small Business	TBD	TBD
JTS Manage Services	DBE	TBD	TBD
Lin & Associates	DBE	TBD	TBD
Power Engineers	Small Business	TBD	TBD
Schemata Workshop	DBE	TBD	TBD
Systems Consulting	DBE	TBD	TBD
Tiscareno Associates	DBE	TBD	TBD
Triunity Engineering	DBE	TBD	TBD
Wilson Ihrig Associates	Small Business	TBD	TBD
Total		TBD	TBD

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 also 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.

The Jacobs Associates design consultant team prepares plans, drawings and other graphic materials to support third party design or permit reviews and public presentations for the Northgate Link Extension. Recent refinements of the Northgate Station design and Northgate parking garage plans are examples of project changes resulting from third party and public feedback during the design review process.

TIME CONSTRAINTS

A one month delay may affect Sound Transit's ability to meet the scheduled completion date for the Northgate Station and Parking Garage.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No: M2013-65: Authorized the chief executive officer to increase the contingency for the contract with Jacobs Associates to provide final design services and DSDC 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 (Northgate Link Extension) for a total authorized amount not to exceed \$61,531,724.

ENVIRONMENTAL REVIEW

JI 12/8/2014

LEGAL REVIEW

LA 31 DEC 2014

MOTION NO. M2015-04

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing 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.

BACKGROUND:

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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 is authorized 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.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on January 22, 2015.


Dow Constantine
Board Chair

ATTEST:



Kathryn Flores
Acting Board Administrator