

MOTION M2013-65

Increase Contingency for Northgate Link Extension Final Design Services

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Board	08/22/2013	Final Action	Ahmad Fazel, DECM Executive Director Don Davis, Executive Project Director	206-398-5389 206-370-5508

PROPOSED ACTION

Authorizes 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.

KEY FEATURES SUMMARY

The additional contingency funds 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:

- Efforts necessary to incorporate third-party review comments and design enhancements into the final design of the three Northgate Link stations.
- Production of design documents required for relocation of utilities that had not been identified in the initial design contract.
- Revisions to incorporate evolving project developments as the design progresses from 60% to 100% complete.

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, with three contract packages completed, one package at 90% complete and four packages at approximately 60% complete.

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.

The contingency increase requested by this action will provide funding for additional final design services, including the addition of two new contract packages that are within the contract scope of work. Design work in these packages had not previously been requested because the work is based on changes to the design due to the evolution of the design and input obtained from third parties as the design progressed.

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 2013 Transit Improvement Plan (TIP) for the Northgate Link Extension is \$2.131 billion. Within that amount:

- \$66,690,000 has been set aside for Civil Final Design in the Final Design phase. The proposed action would increase commitments for this line item by \$6,250,000 to \$71,843,368 and result in a budget shortfall of \$5,153,368. Of this amount, \$4,811,401 will be funded from Final Design phase unallocated contingency, and the remaining \$341,967 will be funded from surplus budget available within the phase.
- \$4,811,401 has been set aside for Unallocated Contingency in the Final Design phase. The proposed action would utilize this entire amount and leave no remaining balance for this budget line item.

The above changes are reflected in the Proposed 2014 TIP.

This action is within the adopted baseline 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.

Northgate Link Extension

	2013 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	149,500	45,416		45,416	104,084
Preliminary Engineering	15,077	15,077		15,077	-
Final Design	113,123	99,713	6,250	105,963	7,160
Right of Way	148,050	93,061		93,061	54,989
Construction	1,323,500	483,297		483,297	840,203
Construction Services	112,050	83,030		83,030	29,020
Third Party Agreements	11,000	10,524		10,524	476
Vehicles	259,100	-		-	259,100
Total Current Budget	2,131,400	830,118	6,250	836,368	1,295,032

Phase Detail

Final Design

Civil Final Design	66,690	65,593	6,250	71,843	(5,153)
Other Final Design	41,622	34,120		34,120	7,502
FD Unallocated Contingency	4,811	-		-	4,811
Total Phase	113,123	99,713	6,250	105,963	7,160

Contract Detail

Jacobs Associates

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract	83,374	82,395	-	83,374
Contingency	2,184	3,163	6,250	8,434
Total Contract Amount	85,558	85,558	6,250	91,808
Percent Contingency	3%	4%	0%	10%

Budget Shortfall

	5,153
Final Design Phase UAC	4,811
Surplus Budget Final Design Phase	342
Total Funding	5,153

Notes:

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

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

Project Budget is located on page 27 of the 2013 Transit Improvement Plan (TIP).

SMALL BUSINESS PARTICIPATION

Jacobs Associates committed to a small business participation goal of 17.43% in their original contract. To date, they have achieved 20.56% small business participation.

For this amendment it is anticipated that the small business participation will be 16.95%, including 20.98% of final design activities and 16.13% of design support during construction activities.

Small Business Goals

Sound Transit Goal: 16%

Commitment: 17.43%

Subconsultant	Business Type	% of Work	Dollar Value
Swift Company	Small Business	3.6%	\$251,513
Moniz Art + Architecture	Small Business	0.5%	\$32,508
Bolima Drafting & Design	DBE	0.7%	\$48,879
Bright Engineering	DBE	0.8%	\$58,013
C&N Consultants	DBE	0.3%	\$20,000
Casseday Consulting	Small Business	1.1%	\$79,754
Chudgar Engineering	Small Business	0.6%	\$42,000
ESA Adolfson	DBE	0.6%	\$40,948
Greenbusch Group	Small Business	0.6%	\$43,296
J.A. Brennan Associates	Small Business	0.8%	\$53,600
JTS Manage Services	Small Business	0.0%	\$349
Lin & Associates	DBE	1.3%	\$88,942
Power Engineers	DBE	4.86%	\$303,618
Schemata Workshop	DBE	0.4%	\$25,701
Systems Consulting	DBE	2.9%	\$199,516
Tiscareno Associates	DBE	0.4%	\$29,816
Triunity Engineering	DBE	1.4%	\$93,899
Wilson Ihrig Associates	DBE	2.6%	\$181,158
Total		20%	\$1,248,944

EQUAL EMPLOYMENT WORKFORCE PROFILE

142 employees; 23.2% women; 19.7% minorities.

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: 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 7/25/2013

LEGAL REVIEW

JEN 08/02/2013

MOTION NO. M2013-65

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

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 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.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on August 22, 2013.


Pat McCarthy
Board Chair

ATTEST:



Marcia Walker
Board Administrator