

MOTION NO. M2012-49
Contract Amendment for Civil Engineering/Architectural Final Design Services for the Northgate Link Extension

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Capital Committee	07/12/12	Recommendation to Board	Ahmad Fazel, DECM Executive Director	206-398-5389
Board	07/26/12	Final Action	Don Davis, Executive Project Director Salah Al-Tamimi, Corridor Design Manager	206-370-5508 206-398-5006

PROPOSED ACTION

Authorizes 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.

KEY FEATURES OF PROPOSED ACTION

- Under this contract amendment, Jacobs Associates will provide additional final design and bid support services for the Northgate Link Extension.
 - Additional final design services are needed to revise and augment the design in response to changes made through the value engineering process and to address unanticipated design changes and third party requirements.
 - Additional bid support services are needed to prepare and evaluate four contract bid packages that are within the scope, but were not included in the original final design contract. The scope of this work includes finalizing bid documents, responding to bidder questions and evaluating the bids.
- This contract provides funding for Design Services During Construction (DSDC) for all Northgate Link Extension civil design packages. The original final design contract included an option for DSDC, but it was not included in the contract amount.
- This action extends the contract duration for final design to accommodate the current contracting strategy with GC/CM participation in finalizing bid documents for the stations.

PROJECT DESCRIPTION

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 the underground U District Station along Brooklyn Avenue NE between NE 43rd and NE 45th Streets, an underground Roosevelt Station along 12th Avenue NE between NE 65th Street and NE 67th Street, and continuing to an elevated station in Northgate along 1st Avenue NE spanning NE 103rd Street. The Northgate Link Extension is scheduled to be completed in September 2021 and will provide an interim terminus for Link at Northgate until the Lynnwood Link Extension is in service, currently anticipated in 2023.

FISCAL INFORMATION

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.

PROJECT TABLE

Northgate Link Extension

	Amended 2012 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	149,500	8,988		8,988	140,512
Preliminary Engineering	15,077	15,329		15,329	(252)
Final Design	113,123	75,357	24,026	99,383	13,740
Right of Way	148,050	60,150		60,150	87,900
Construction	1,323,500	12,607		12,607	1,310,893
Construction Services	112,050	83,030		83,030	29,020
Third Party Agreements	11,000	2,646		2,646	8,354
Vehicles	259,100	-		-	259,100
Total Current Budget	2,131,400	258,107	24,026	282,134	1,849,266

Phase Detail

Final Design

Civil	86,655	61,532	24,026	85,558	1,097
Other Final Design	26,468	13,825		13,825	12,643
Total Phase	113,123	75,357	24,026	99,383	13,740

Contract Detail

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract	61,532	61,532	21,842	83,374
Contingency	-	-	2,184	2,184
Total Contract Amount	61,532	61,532	24,026	85,558
Percent Contingency	0.0%	0.0%	10.0%	2.6%

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 34 of the 2012 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%, which consists of a participation goal of 20.98% of final design activities and 16.13% of design support during construction activities.

Subconsultant	Business Type	% of Work	Dollar Value
Swift Company	Small Business	4.82%	\$1,052,754
Moniz Art + Architecture	DBE	0.27%	\$58,979
Bolima	DBE	0.28%	\$61,737
Bright Engineering	DBE	0.17%	\$37,164
Casseday Consulting	Small Business	0.87%	\$189,353
Greenbusch	Small Business	0.99%	\$216,405
Lin and Associates	DBE	0.32%	\$70,880
Schemata Workshop	DBE	0.11%	\$23,998
Tiscareno Associates	DBE	0.22%	\$47,110
Michael Minor	Small Business	0.06%	\$12,235
JA Brennan	Small Business	0.28%	\$60,598
Triunity	DBE	0.13%	\$27,354
JTS Manage Services	DBE	5.25%	\$1,146,602
Other Small Businesses	DBE	3.19%	\$697,632
Total		16.95%	\$3,702,801

EQUAL EMPLOYMENT WORKFORCE PROFILE

142 employees; 23.2% women; 19.7% minorities.

BACKGROUND

The Northgate Link Extension (Formerly known as the North Link – University of Washington Station to Northgate Project) was identified as a high, but unfunded priority in the Sound Move plan. Preliminary engineering for the Northgate Link Extension was completed in spring 2006 as part of Sound Move. The ST2 Plan, approved by voters in the fall of 2008, includes funding for the extension of Link from the University of Washington Station to Northgate Station.

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 engineering and architectural elements necessary to construct this extension. Final design began in October 2010 and has progressed significantly; the first construction contract for demolition and site preparation at the stations was bid in March 2012 and major civil work for the station excavations and tunnels is scheduled to be bid in early 2013.

In June 2012, the Board approved Resolution No. 2012-13, approving the Northgate Link Extension baseline schedule and budget (Phase Gate 5).

Following completion of final design, this contract amendment will allow the design consultant to provide ongoing support during the bidding and construction phases of the project. This work includes finalizing bid documents, responding to bidder questions and assisting in the evaluation of bids. During construction, the design team will support construction efforts with review of contractor submittals, responding to contractor requests for information and revising design documents if needed. These services are normally provided by the design firm and it was anticipated that the contract would be amended to extend design services to cover these items. This amendment will cover bid support and DSDC through the completion of civil construction.

Jacobs Associates will also provide additional final design services as necessary to address changes to the design that became apparent as the design evolved. These changes include

design revisions to reduce construction costs as identified through value engineering and risk assessment efforts, additional coordination and design of utility interfaces and relocations, design of project elements to improve bicycle and pedestrian access to stations, and extension of final design services to support the GC/CM contracting method for construction of the two underground stations.

PRIOR BOARD/COMMITTEE ACTIONS

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 COMPLIANCE

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.

Jl 6/18/2012

TIME CONSTRAINTS

A one month delay would affect Sound Transit's ability to have a consultant available to provide design services during construction for a demolition contract that begins in August 2012.

PUBLIC INVOLVEMENT

Not applicable to this action.

LEGAL REVIEW

LA 7/5/12

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

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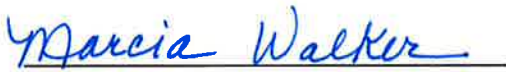
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract amendment with Jacobs Associates to provide additional final design services, additional bid support, and design services during construction for 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.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July 26, 2012.



Pat McCarthy
Board Chair

ATTEST:



Marcia Walker
Board Administrator