

**MOTION NO. M2010-85**  
**Contract for North Link – UW Station to Northgate Final Design Services**

<b>MEETING:</b>	<b>DATE:</b>	<b>TYPE OF ACTION:</b>	<b>STAFF CONTACT:</b>	<b>PHONE:</b>
Capital Committee	9/9/10	Recommendation to Board	Ahmad Fazel, DECM Executive Director	(206) 398-5389
Board	9/23/10	Final Action	<b>Don Davis, Deputy Executive Director, Project Mgmt &amp; Construction Mgmt</b>	(206) 370-5508

**PROPOSED ACTION**

Authorizes 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.

**KEY FEATURES**

- This action establishes the consultant services contract for civil engineering and architectural final design of the North Link – University of Washington (UW) Station to Northgate project.
- The proposed contract with Jacobs Associates includes an option to negotiate additional scope through a future amendment(s) for Design Services During Construction (DSDC). The option gives Sound Transit the ability to take advantage of efficiencies that could result from the consultant’s knowledge gained during final design to provide technical input on construction issues. Board authorization to continue the contract with additional scope will be sought separately in the future through amendments to this contract.
- No contingency funds are requested for the final design contract, as absent any major alignment and configuration changes, design activities will be managed within the authorized contract amount.
- Final design services are expected to take 38 months with completion in early 2014. If the contract is amended for DSDC, the term of the contract will be extended accordingly.

**PROJECT DESCRIPTION**

The North Link – UW Station to Northgate project is 4.3-miles in length and will extend light rail from the UW Station north under campus via twin-bored tunnels to an underground Brooklyn Station in the University District along Brooklyn Ave between NE 43<sup>rd</sup> Street and NE 45<sup>th</sup> Street, an underground Roosevelt Station along 12<sup>th</sup> Ave NE between NE 65<sup>th</sup> Street and NE 67<sup>th</sup> Street, and via retained cut and elevated sections to an elevated Northgate Station located east of First Avenue Northeast, spanning Northeast 103<sup>rd</sup> Street.

## FISCAL INFORMATION

### Budget Table

(Year of Expenditure \$000)

<b>North Link - UW Station to Northgate</b>	Adopted 2010 Lifetime Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
Agency Administration	49,461	2,525		2,525	46,936
Preliminary Engineering	18,818	15,982		15,982	2,836
Final Design	82,374	6,384	61,532	67,916	14,458
Right of Way	164,820	36,797		36,797	128,023
Construction	8,733	8,052		8,052	681
Construction Services	300	-		-	300
Third Party Agreements	20,994	1,194		1,194	19,801
Vehicles	-	-		-	-
<b>Total Current Budget</b>	<b>345,500</b>	<b>70,934</b>	<b>61,532</b>	<b>132,465</b>	<b>213,034</b>

### Final Design Phase Budget Detail

Civil Final Design	75,990	-	61,532	61,532	14,458
Other Final Design	6,384	6,384	-	6,384	-
<b>Total Phase</b>	<b>82,374</b>	<b>6,384</b>	<b>61,532</b>	<b>61,532</b>	<b>14,458</b>

<b>Contract Amount</b>	Board Approvals to Date (F)	Current Approved Contract Value (G)	Proposed Action (H)	Proposed Total for Board Approval (I)	Proposed Contract Value (J)
Contract Amount	-	-	61,532	61,532	61,532
Contingency	-	-	-	-	-
<b>Total</b>	-	-	<b>61,532</b>	<b>61,532</b>	<b>61,532</b>
Percent Contingency	0%	0%	0%	0%	0%

(A) ADOPTED 2010 LIFETIME BUDGET amounts reflect Adopted 2010 Budget as amended by resolution of the Sound Transit Board in February 2010 to add final design and property acquisition (R2010-02, adopted 2/25/10).

(B) COMMITTED TO DATE amounts are from Agency WBS Report as of June 2010 + approved and pending board actions not recorded as of 6/30/10, or submitted after that date.

## SMALL BUSINESS PARTICIPATION

Sound Transit Goal: 16%

Commitment: 17.43%

<b>Subconsultant/Subcontractor</b>	<b>Business Type</b>	<b>% of Work</b>	<b>Dollar Value</b>
Bolima Drafting & Design, Inc.	DBE	1.67%	\$1,027,805
Bright Engineering, Inc.	DBE	0.63%	\$390,411
C&N Consultants, Inc.	Small Business	0.27%	\$167,691
Casseday Consulting	Small Business	0.46%	\$284,386
Chudgar Engineering Co.	DBE	0.38%	\$234,741
Greenbusch Group	Small Business	0.45%	\$275,738
Hayre McElroy & Associates	DBE	0.04%	\$25,000
J.A. Brennan Associates, PLLC	Small Business	0.20%	\$125,910
Jonasson Consulting, LLC	Small Business	0.15%	\$91,473
JTS Manage Services	DBE	0.69%	\$424,382
Lin & Associates, inc.	DBE	2.13%	\$1,308,455
Michael Minor Associates	Small Business	0.17%	\$102,529
Moniz Art & Architecture	Small Business	0.95%	\$586,422

PanGEO, Inc.	Small Business	0.38%	\$230,806
Perrone Consulting	Small Business	0.18%	\$109,943
Schemata Workshop	DBE	1.27%	\$781,794
Swift Company	Small Business	2.67%	\$1,640,471
Systems Consulting, LLC	DBE	1.53%	\$942,952
Tiscareno Associates	DBE	0.74%	\$457,852
TTG-Schwab	Small Business	0.59%	\$362,715
Triunity Engineering	DBE	0.83%	\$513,179
Wilson, Ihrig Associates	Small Business	0.86%	\$530,151
Yonemitsu Geological	DBE	0.18%	\$108,741
<b>Total</b>		<b>17.43%</b>	<b>\$10,723,547</b>

## **EQUAL EMPLOYMENT WORKFORCE PROFILE**

158 employees; 29% women; 18% minorities

## **BACKGROUND**

The North Link extension to Northgate was identified as a high, but unfunded priority in the Sound Move plan. Preliminary Engineering for North Link was completed in spring 2006. North Link is a key component of the ST2 Plan and is the ST2 project with the highest forecast ridership. The project will increase Link ridership, improve travel time savings, improve frequency and reliability, and add transit capacity in the congested I-5 corridor. The North Link extension is a 4.3-mile, fully grade-separated, high-speed light rail segment. The ridership per operating mile from this extension is projected to generate a higher farebox recovery rate than other Link segments.

The ST2 plan assumes that revenue service for this segment will begin in 2020. In order to meet this objective, final design must begin by the end of 2010, allowing 10 years for design, construction and startup of the system, a duration that is consistent with the current schedule for the University Link project.

The North Link – UW Station to Northgate project was included in the Adopted 2010 Transit Improvement Plan (TIP).

Jacobs Associates was selected through a competitive procurement process. A request for qualifications for final design was issued in March 2010. Three teams submitted statements of qualifications and two were chosen for interviews. Jacobs Associates was ranked highest by the selection team and was invited to negotiate the scope of work and cost for final design.

## **ENVIRONMENTAL COMPLIANCE**

Environmental compliance pursuant to the National Environmental Policy Act (NEPA) and State Environmental Policy Act (SEPA) was complete with the North Link Final Supplemental Environmental Impact Statement (EIS) issued on April 7, 2006. The FTA issued a Record of Decision for North Link in June 2006.

Jl 9/1/10

## **TIME CONSTRAINTS**

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

## **LEGAL REVIEW**

JN 9/2/10

**MOTION NO. M2010-85**

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

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Final design services are expected to take 38 months with completion in early 2014. If the contract is amended for DSDC, the term of the contract will be extended accordingly.


**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 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.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on September 23, 2010.

  
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Aaron Reardon  
Board Chair

ATTEST:

  
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Marcia Walker  
Board Administrator