

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2008-106

**Contract Amendment for University Link Civil Engineering/Architectural
Final Design Consultant Services**

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	11/6/08	Discussion/Possible Action to Recommend Board Approval Action	Ahmad Fazel, Link ED John Harrison, University Link Project Director John Sleavin, Civil Engineering Manager	(206) 398-5389
Board	11/13/08			(206) 398-5309 (206) 398-5150

Contract/Agreement Type:	✓	Requested Action:	✓
Competitive Procurement	✓	Execute New Contract/Agreement	
Sole Source		Amend Existing Contract/Agreement	✓
Agreement with Other Jurisdiction(s)		Budget Amendment	
Real Estate		Property Acquisition	

PROJECT NAME

University Link – Pine Street Stub Tunnel to University of Washington Station

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with Northlink Transit Partners, Joint Venture to provide bid support and design services during construction for the University Link project in the amount of \$10,479,900, with a contingency of \$968,660 totaling \$11,456,954, for a new total authorized contract amount not to exceed \$50,340,589.

KEY FEATURES of PROPOSED ACTION

- The purpose of this action is to provide funding for bid support and design services during construction (DSDC) in the approved Northlink Transit Partners, Joint Venture (NTP) contract scope.
- This action is needed because these tasks (contract tasks 17 and 18) were scoped but not funded when the original contract was approved by the Board in November 2006. In consultation with Sound Transit construction management staff, it has been determined that NTP has offered to Sound Transit the correct personnel available to provide the required bid support services and DSDC.

- These services are provided on an on-call basis. The scope of work includes but is not limited to the following:
 - Bid Support Services
 - Support the responses to bidder questions during the bidding phase
 - Support the preparation of addenda as required during the bidding phase
 - Compile any changes made to the Issue for Bid contract documents during the bidding phase and issuing the final construction documents
 - Design Services During Construction
 - Responding to Requests for Information
 - Site observations
 - Reviewing and commenting on shop drawings
 - Reviewing and commenting on construction submittals
 - Reviewing and commenting on contractor value engineering construction proposals and contractor requested changes
 - Preparing design modifications as required
 - Preparation and review of as-built drawings
 - Assisting in final closeout of the construction contracts
- This change approves additional funds for the NTP contract for bid support services and DSDC in the amount of \$10,479,900 plus \$968,660 contingency, for a total of \$11,456,954.
 - Additional funds in the amount of \$955,954 are requested for bid support services.
 - Additional funds in the amount of \$9,532,338 plus \$968,662 in contingency for a total of \$10,501,000 are requested for design support during construction.

BUDGET IMPACT SUMMARY

There is no action outside of the Board adopted budget; there are no contingency funds required, no subarea impacts, or funding required from other parties other than what is already assumed in the financial plan.

BUDGET and FINANCIAL PLAN DISCUSSION

The Adopted 2008 Lifetime Capital Budget for University Link is \$1.614 billion. Within that amount:

- \$39,894,000 has been set aside for Civil Final Design in the final design phase. The proposed action would increase current commitments for this budget item by \$955,954 to a revised total commitment of \$39,839,589, leaving a remaining balance of \$54,411 compared to the 2008 lifetime budget.
- \$10,501,000 has been set aside for DSDC in the final design phase. The proposed action would commit \$10,501,000 of this amount, leaving no remaining balance for this budget line item as compared to the 2008 lifetime budget.

In July 2008, the Sound Transit Board of Directors approved a revised University Link Project Capital Baseline Cost Estimate (BCE) at \$1.756 billion. This revised capital BCE is incorporated into the Proposed 2009 Budget for adoption.

The proposed action is consistent with the current adopted budget and is affordable within the agency's long-term financial plan and subarea financial capacity. The action will have no new revenue impact on Sound Transit.

BUDGET TABLE

Action Item: Northlink Transit Partners, JV (NTP) (Provide bid support services and design services during construction (DSDC) for the University Link project)

(Year of Expenditure \$000)

University Link	Adopted 2008 Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
Agency Administration	115,229	36,687		36,687	78,542
Preliminary Engineering	24,388	24,329		24,329	59
Final Design	77,944	58,067	11,457	69,524	8,420
Right of Way	157,332	112,888		112,888	44,444
Construction	1,046,946	18,611		18,611	1,028,335
Construction Services	68,526	64,704		64,704	3,822
Third Party Agreements	19,733	10,174		10,174	9,559
Vehicles	103,909	99,185		99,185	4,724
Total Current Budget	1,614,007	424,643	11,457	436,100	1,177,907

Final Design Phase Budget Detail

Civil Design	39,894	38,884	956	39,840	54
Civil DSDC	10,501	-	10,501	10,501	-
Other Final Design	27,549	19,183	-	19,183	8,366
Total Phase	77,944	58,067	11,457	69,524	8,420

Contract Amount	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	38,884	38,884	10,488	49,372	49,372
Contingency	-	0	969	969	969
Total	38,884	38,884	11,457	50,341	50,341
Percent Contingency	0%	0%	9%	2%	2%

(B) COMMITTED TO DATE amounts are from Agency WBS Report as of September 2008 + approved and pending board actions not recorded as of 9/30/08, or submitted after that date.

SMALL BUSINESS PARTICIPATION

Prime Consultant/Contractor

Northlink Transit Partners, Joint Venture (NTP) is the prime consultant for this contract. NTP committed to a 20% Small Business goal. To date, NTP has achieved 21.51% small business participation. For this amendment it is anticipated that the small business participation will be 10.95%. Small business participation is expected to be 19.45% at the conclusion of the contract. The table reflects small business participation for the additional funds added to the contract.

As the contract moves into bid support and design services during construction the opportunities for small business can decrease. Some services are no longer required such as geotechnical exploration and acoustical design, some functions such as drafting and utility review are done in-house with Sound Transit staff, and other functions such as surveying are preformed as part of the construction management (CM) services contract. In one other case, a key small business participant in the NTP contract has been hired to work on the CM team and thus is not funded through the DSDC task.

Utilization Breakdown Table

Subconsultant	Business Type	% of Work	Dollar Value
Bolima	M/DBE	.10%	\$10,711
Bright Engineering	M/DBE	.85%	\$89,872
Dr. G. Sauer Corp.	Small Business	4.41%	\$464,750
Grijalva Engineers	M/DBE	2.23%	\$234,852
Swift & Company	W/DBE	3.35%	\$352,582
Total		10.95%	\$1,152,766

PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION

The North Link Final SEIS was published on April 7, 2006, which informed the Board's final decision on the North Link project to be built, including route, station locations, project phasing, and financing. On April 27, 2006, the Sound Transit Board adopted Resolution No. R2006-07, which selected the University Link project to be advanced to final design and property acquisition, followed by construction and operation; in addition to approval of the project budget. The University Link project is a 3.15-mile extension of the Central Link Light Rail Initial Segment in twin-bored tunnels with two cut-and-cover stations connecting downtown Seattle with Capitol Hill and the University of Washington campus.

Preliminary engineering for University Link was completed in Spring 2006. The Record of Decision for North Link was issued by the Federal Transit Administration in June 2006, completing the environmental review process. Final design for University Link began in December 2006, following the Board approval of the University Link civil engineering and architectural final design services contract with the Northlink Transit Partners, Joint Venture on November 9, 2006.

The NTP contract scope of work was divided into three phases: early work, final design, and design services during construction. Early work tasks included evaluating revised station entrance configurations, value engineering recommendations, and other ideas for reducing project costs, advancing station architectural work, and other pre-final design activities. The final design work phase brought the University Link project from 30% design completion to 100% design completion. This proposed contract amendment with NTP would fund two remaining contract tasks, bidder support services and design services during construction for University Link. Both of these tasks were part of the approved scope of work in the NTP contract approved in November 2006 (Motion No. M2006-78). It was the intention at that time to wait until final design was nearly completed before fully funding these two tasks. NTP has proposed an approach and the appropriate staff to assist the Link construction management team in the delivery of the University Link construction project. The total authorized NTP contract amount for final design was \$38,883,635 and did not include a contract contingency or funding for bid support or DSDC.

The first University Link construction contracts are scheduled to begin by late 2008 and will include advance utility relocation and site demolition work. Station excavation and construction activities would begin in 2009. University Link service would start in 2016.

Prior Board/Committee Actions

Motion/Resolution Number and Date	Summary of Action
M2006-78 11/9/06	Authorized the chief executive officer to execute a contract with Northlink Transit Partners, Joint Venture to provide civil engineering and architectural final design services for the University Link project for a total authorized contract amount not to exceed \$38,883,635 with final design work subject to Federal Transit Administration final design approval.

CONSEQUENCES of DELAY

The current NTP contract scope of work has limited funding for bid support services. It is anticipated that DSDC is required starting in November 2008. Funds from other tasks could be temporarily transferred to bid support services and DSDC to cover any shortfall in the interim. Long term delay on this action would prevent Sound Transit from adequately responding to bidders and supporting the construction management of the University Link project.

PUBLIC INVOLVEMENT

Sound Transit staff held a number of station design workshops, project open houses, and other meetings involving property owners, neighborhood and business groups, and other interested parties throughout the University Link study area during the final design process.

Sound Transit will continue an active community outreach program during University Link construction; including the use of a 24 hour-a-day construction hotline, periodic community construction meetings, the use of a variety of written and electronic communication materials and other outreach activities. The NTP team will continue to provide design resources to assist Sound Transit in future outreach activities.

ENVIRONMENTAL COMPLIANCE

Jl, 10/22/08

LEGAL REVIEW

LA 10/30/08

SOUND TRANSIT

MOTION NO. M2008-106

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with Northlink Transit Partners, Joint Venture to provide bid support and design services during construction for the University Link project in the amount of \$10,479,900, with a contingency of \$968,660 totaling \$11,456,954, for a new total authorized contract amount not to exceed \$50,340,589.

Background:

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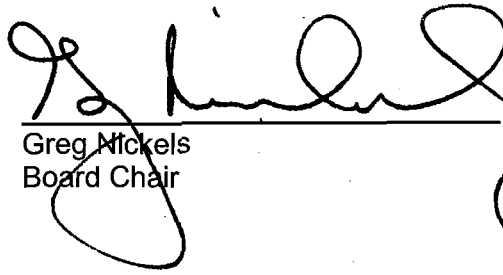
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Motion:

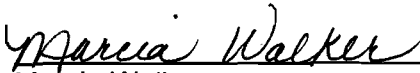
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract amendment with Northlink Transit Partners, Joint Venture to provide bid support and design services during construction for the University Link project in the amount of \$10,479,900, with a contingency of \$968,660 totaling \$11,456,954, for a new total authorized contract amount not to exceed \$50,340,589.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on November 13, 2008.



Greg Nickels
Board Chair

ATTEST:



Marcia Walker
Board Administrator