

MOTION NO. M2016-27

Systems Construction Management Consultant Services Contract for Northgate Link and East Link Extensions

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	3/10/2016	Final Action	Ahmad Fazel, DECM Executive Director Dick Sage, Director of Construction Management Peter Brown, Principal Construction Manager, Systems

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with Northwest Transit Systems Partners to provide systems construction management consultant services for the preconstruction phase of the Northgate Link and East Link extensions systems construction in the amount of \$3,654,564, with a 5% contingency of \$182,728, for a total authorized contract amount not to exceed \$3,837,292.

KEY FEATURES SUMMARY

- The systems construction management consultant (CMC) work for the Northgate and East Link extensions has been combined under a single consultant contract similar to the systems construction contract that it will administer.
- The systems CMC contract will be implemented in two phases: Phase 1 Preconstruction Services and Phase 2 Construction Management Services. This action would authorize and fund only Phase 1 of the contract.
- Phase 1 Preconstruction Services include: procurement support, contract document review, construction estimates, participation in value engineering, risk assessments and constructability reviews, construction management support and management of the General Contractor / Construction Manager (GC/CM) preconstruction work for the Northgate and East Link Extension.
- Final design work for the systems elements of the Northgate and East Link extensions reached 90 percent in February 2016. Before construction contract documents are finalized, preconstruction services under the CMC will help verify that contract documents are well developed and comprehensive.
- Phase 1 will extend from April 2016 through March 2017. Following the completion of Phase 1 work, Sound Transit may return to seek Board authorization and funding for phase 2 Construction Management Services with Northwest Transit Systems Partners.

BACKGROUND

Northgate Link extends light rail 4.3-miles from the University of Washington Station north under the campus via twin bored tunnels to an 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. On June 28, 2012, the Sound Transit Board baselined the Northgate Link Extension’s schedule and budget.

East Link extends light rail 14 miles from downtown Seattle to downtown Bellevue and the

Overlake area of Redmond via I-90, with stations serving Rainier Avenue/I-90, Mercer Island, South Bellevue, Downtown Bellevue, Overlake Hospital, the Bel-Red Corridor, Overlake Village, and the Overlake Transit Center. The East Link project route, profiles, and station locations, including the tunnel route in downtown Bellevue, were selected by the Sound Transit Board on July 28, 2011, and amended on April 25, 2013. In April 2015, the Sound Transit Board established the baseline budget and schedule for the project. Revenue service between Seattle and the Overlake Transit Center is forecast for 2023.

In February 2013, Sound Transit made the decision to combine the systems construction contract for the Northgate Link and East Link extensions into a single construction package based on a Value Engineering recommendation. A single systems contract provides cost savings as a result of reduced contractor oversight and administration, efficiencies resulting from economies of scale, and reduced construction submittals. The combined package also helps to ensure consistency in equipment suppliers thus reducing spare parts and maintenance training cost. The systems construction contract will be administered by a single systems construction management consultant.

These two Link extensions are both highly complex and will involve close coordination of work and access between the civil contractors and the systems contractor. The systems GC/CM will interface with four civil contractor teams on the Northgate Link Extension and a minimum of five civil contractor teams on the East Link Extension. The systems construction management consultant will play a key role in ensuring effective coordination of the work across multiple contract boundaries.

Sound Transit issued a request for qualifications including the work for both Phase 1 – Preconstruction Services and Phase 2 – Construction Management Services and received three statements of qualifications (SOQ) on November 17, 2015. Two firms were invited to interview. Based on scoring of the SOQs and the interviews, Northwest Transit Systems Partners was the highest ranked firm.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Northgate Link

Projected completion date for Phase 1 Preconstruction services: Q1 2017

Projected Completion Date for Construction Services: 4Q 2020

Project scope, schedule and budget summary located on page 27 of the September 2015 Agency Progress Report.

East Link

Projected completion date for Phase 1 Preconstruction services: Q1 2017

Projected Completion Date for Construction Services: 1Q 2022

Project scope, schedule and budget summary located on page 49 of the September 2015 Agency Progress Report.

FISCAL INFORMATION

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

The proposed contract with Northwest Transit Systems Partners for \$3,837,292 will provide systems construction management consultant (CMC) services for the preconstruction phase of systems construction that encompasses two Link projects as follows: Northgate Link Extension (N830) for an amount not to exceed \$1,918,646 (\$1,827,282 plus \$91,364 contingency), and East Link Extension (E750) for an amount not to exceed \$1,918,646 (\$1,827,282 plus \$91,364 contingency).

Northgate Link Extension

The lifetime budget in the 2016 Transportation Improvement Plan for the Northgate Link Extension is \$1,899,755,500. Within that amount, \$17,625,000 has been set aside for Systems CMC in the Construction Services phase. The proposed action would commit \$1,918,646 of this amount and leave a remaining balance of \$15,706,354 for this budget line item.

East Link Extension

The lifetime budget in the 2016 Transportation Improvement Plan for the East Link Extension project is \$3,677,150,000. Within that amount, \$36,789,000 has been set aside for E750 Systems CMC in the Construction Services phase. The proposed action would commit \$1,918,646 of this amount and leave a remaining balance of \$34,870,354 for this budget line item.

Northgate Link Extension

	2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	147,879	60,702		60,702	87,177
Preliminary Engineering	15,077	15,077		15,077	0
Final Design	129,167	114,164		114,164	15,003
Right of Way	127,300	93,061		93,061	34,239
Construction	1,328,023	542,089		542,089	785,934
Construction Services	118,310	89,197	1,919	91,115	27,194
Third Party Agreements	11,800	9,930		9,930	1,870
Vehicles	-	-		-	-
Contingency	22,200	-		-	22,200
Total Current Budget	1,899,756	924,219	1,919	926,138	973,618

Phase Detail

Construction Services

Systems CMC	17,625	-	1,919	1,919	15,706
Other Construction Services	100,685	89,197		89,197	11,488
Total Phase	118,310	89,197	1,919	91,115	27,194

East Link Extension

	2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	186,200	42,471		42,471	143,729
Preliminary Engineering	55,900	55,113		55,113	787
Final Design	283,000	231,807		231,807	51,193
Right of Way	298,150	140,423		140,423	157,727
Construction	2,544,300	158,390		158,390	2,385,910
Construction Services	257,450	126,604	1,919	128,523	128,927
Third Party Agreements	52,150	28,444		28,444	23,706
Vehicles	-	-		-	-
Total Current Budget	3,677,150	783,253	1,919	785,171	2,891,979

Phase Detail

Construction Services

E750 Systems CMC	36,789	-	1,919	1,919	34,870
Other Construction Services	220,661	126,604		126,604	94,057
Total Phase	257,450	126,604	1,919	128,523	128,927

Contract Detail

Northwest Transit Systems Partners

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount - Northgate Link Extension	-	-	1,827	1,827
Contract Amount - East Link Extension	-	-	1,827	1,827
Contract Amount - Total	-	-	3,655	3,655
Contingency - Northgate Link Extension	-	-	91	91
Contingency - East Link Extension	-	-	91	91
Contingency - Total	-	-	183	183
Total	-	-	3,837	3,837
Percent Contingency	0%	0%	5%	5%

Notes:

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

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

2016 TIP = Northgate Link Extension project budget located on page 13 of the Proposed 2016 Transit Improvement Plan (TIP) as amended in Board Resolution R2015-36 adopted by the ST Board on 12/17/15.

2016 TIP = East Link Extension project budget located on page 17 of the Proposed 2016 Transit Improvement Plan (TIP) as amended in Board Resolution R2015-36 adopted by the ST Board on 12/17/15.

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

Participation by Small Businesses and Disadvantaged Business Enterprises (DBEs)

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Consistent with Sound Transit Policies and Federal Regulations, Sound Transit has established Small Business/DBE goals for this contract. These goals are based upon an examination of subcontracting opportunities contained in the work of this contract and the number of Small Businesses/DBEs available to perform such subcontracting work.

For this specific contract, the following goals were set for Small Business/DBE Participation:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 9.5%

DBE: 4.5%

Commitment for overall contract:

Small Business: 11%

DBE: 6.0%

Because the preconstruction phase has limited opportunities to utilize small and disadvantaged businesses due to the nature of the limited scope of work, there is no SB/DBE commitment for Phase 1.

The Small Business/DBE commitment for this contract has been established and will be incorporated into the contract when the work for Phase 2 – Construction Management Services is authorized by the Board.

PUBLIC INVOLVEMENT

The Northgate Link Extension project staff has been actively engaged with stakeholders at all levels throughout the project area. The neighboring communities have had numerous opportunities to meet with staff, learn about the project and provide Sound Transit with comments or questions.

Similarly, public outreach on the East Link Extension has taken place over the last nine years beginning with the EIS scoping process. Outreach activities have included meeting with community members, property owners, businesses, stakeholders, local jurisdictions, and agencies. Since the project kickoff in 2006, Sound Transit has hosted 35 public meetings and has held nearly 300 briefings to property owners and stakeholders.

TIME CONSTRAINTS

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

ENVIRONMENTAL REVIEW

JI 2/10/2016

LEGAL REVIEW

LA 3 March 2016

MOTION NO. M2016-27

A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Northwest Transit Systems Partners to provide systems construction management consultant services for the preconstruction phase of the Northgate Link and East Link extensions systems construction in the amount of \$3,654,564, with a 5% contingency of \$182,728, for a total authorized contract amount not to exceed \$3,837,292.

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MOTION:

It is hereby moved by the Capital Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Northwest Transit Systems Partners to provide systems construction management consultant services for the preconstruction phase of the Northgate Link and East Link extensions systems construction in the amount of \$3,654,564, with a 5% contingency of \$182,728, for a total authorized contract amount not to exceed \$3,837,292.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on March 10, 2016.


Fred Butler
Capital Committee Chair

ATTEST:


Kathryn Flores
Board Administrator