

MOTION NO. M2016-100

Construction Contract for E320 South Bellevue

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	9/08/2016	Recommend to Board	Ahmad Fazel, DECM Executive Director
Board	10/27/2016	Final Action	Ron Lewis, Executive Project Director – East Link Extension Pat McCormick, Construction Manager

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with Shimmick/Parsons JV to construct the South Bellevue contract E320 within the East Link Extension in the amount of \$321,098,000, with a 12% contingency of \$38,532,000, for a total authorized contract amount not to exceed \$359,630,000.

KEY FEATURES SUMMARY

- This action will provide for the construction of the South Bellevue Station, Parking Garage, and Light Rail Guideway under the South Bellevue (E320) construction contract.
- The work includes construction of:
 - The South Bellevue Station.
 - Approximately 2.2 miles of elevated, retained cut and at-grade guideway.
 - STart funded artworks on the acoustic panels and art painting at the South Bellevue Station.
 - A new 1,500-stall parking garage will be constructed within the existing over-capacity S. Bellevue Park and Ride lot and replace 519 parking stalls.
 - Reconstruction of 112th Avenue NE over the Light rail guideway.
 - Site improvements for one traction power substation and two signal bungalows.
 - Accommodations for high-rail access to the guideway for maintenance vehicles.
 - Site restoration and related street improvements.
 - Close coordination with WSDOT, City of Bellevue, and King County Metro
- This action includes a request for a 12 percent contingency based upon multiple risks and contract challenges including work over and adjacent to Interstate 90, Bellevue Way, Mercer Slough, creeks, wetlands, and sensitive areas. In addition, the contract includes several interfaces and coordination with private utility owners and has limited adjacent staging areas all of which are consumed by the project improvements.

BACKGROUND

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 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 forecasted for 2023.

Environmental compliance pursuant to the State Environmental Policy Act (SEPA) for East Link was completed with the East Link Project Final Environmental Impact Statement (EIS) issued on July 15, 2011, and East Link Extension 2013 SEPA Addendum issued March 26, 2013. The Federal Transit Administration and Federal Highway Administration issued a Record of Decision for

the project on November 16, 2011, and November 17, 2011, respectively, completing the National Environmental Policy Act (NEPA) process.

The South Bellevue contract is one of seven major construction contracts for the East Link Extension. Under this contract, the contractor will construct approximately 2.2 miles of elevated, retained cut and at-grade guideway, the elevated South Bellevue Station, 1500-stall parking garage, and other site improvements from Interstate 90 to Bellevue Way SE/112th Avenue NE adjacent to the Mercer Slough Nature Park.

Sound Transit issued an Invitation for Bids (IFB) on May 26, 2016, and four bids were received on August 17, 2016. The bids ranged from \$321,098,000 to \$365,410,000. The low bid of \$321,098,000 is \$44,631,000 or about 12 percent below the Engineer’s Estimate of \$365,729,000. Shimmick/Parsons JV is the lowest responsive and responsible bidder with a bid price of \$321,098,000.

PROJECT STATUS

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Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction

Projected Completion Date for Civil Construction: 3Q 2020

Project scope, schedule, and budget summary located on page 45 of the June 2016 Link light rail Progress Report.

FISCAL INFORMATION

This action is within the Adopted Budget and sufficient funds remain after approval of this action to fund the remaining work in the Construction Phase for East Link Extension project and for Link East King County Subarea for STart Program as contained in the current cost estimates for both projects.

The proposed contract with Shimmick/Parsons JV for the amount not to exceed \$359,630,000 will provide the construction of the South Bellevue Station, Parking Garage, and Light Rail Guideway in the South Bellevue (E320) that encompasses both East Link Extension and the STart Program as follows:

East Link Extension for an amount not to exceed \$358,631,000 (\$320,099,000 plus \$38,532,000 contingency) and STart Program for an amount not to exceed \$999,000 with no contingency for a contract total of \$359,630,000.

East Link Extension

The 2016 Lifetime Adopted Budget for East Link Extension project is \$3,677,150,000. Within that amount \$1,182,202,000 has been set aside for South Bellevue to SR-520 segment in the Construction Phase. The proposed action would commit \$358,631,000 of this amount leaving the remaining uncommitted budget of \$666,240,092 in the South Bellevue to SR-520 segment in the Construction Phase.

STart Program

The 2016 Lifetime Adopted Budget for STart Program project is \$49,267,267. Within that amount \$17,956,984 has been set aside for Link transit mode under East King County Subarea.

The proposed action would commit \$999,000 of this amount leaving the remaining uncommitted budget of \$15,837,229 for Link transit mode under East King County Subarea.

East Link Extension		2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration		186,200	48,023	0	48,023	138,177
Preliminary Engineering		55,900	55,113	0	55,113	787
Final Design		283,000	238,626	0	238,626	44,374
Third Parties		52,150	36,928	0	36,928	15,222
Right of Way		298,150	156,450	0	156,450	141,700
Construction		2,544,300	410,849	358,631	769,480	1,774,820
Construction Services		257,450	128,730	0	128,730	128,720
Vehicles		0	0	0	0	0
Total Current Budget		3,677,150	1,074,719	358,631	1,433,350	2,243,800
Phase Detail - Construction						
So. Bellevue to SR-520		1,182,202	157,331	358,631	515,962	666,240
Other Construction		1,362,098	253,518	0	253,518	1,108,580
Total Phase		2,544,300	410,849	358,631	769,480	1,774,820
STart						
Subarea	2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)	
Snohomish	4,828	793	0	793	4,035	
North King	11,529	7,203	0	7,203	4,326	
South King	9,312	3,940	0	3,940	5,372	
East King	20,052	3,216	999	4,215	15,837	
Pierce	3,547	1,807	0	1,807	1,740	
Total Current Budget	49,267	16,959	999	17,958	31,309	
Subarea Details - East King County						
East King County- Link	17,957	1,121	999	2,120	15,837	
East King County- Other	2,095	2,095	0	2,095	0	
Total Subarea	20,052	3,216	999	4,215	15,837	
Shimmick/Parsons JV						
Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval		
Contract Amount -East Link Extension	0	0	320,099	320,099		
Contract Amount - STart Program	0	0	999	999		
Total Contract Amount	0	0	321,098	321,098		
Contingency - East Link Extension	0	0	38,532	38,532		
Contingency - STart Program	0	0	0	0		
Contingency - Total	0	0	38,532	38,532		
Total	0	0	359,630	359,630		
Percent Contingency	0%	0%	12%	12%		

Notes:

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

Board Approvals = Committed to-date + Contingency.

Board Approvals to Date includes amounts through July 31, 2016 plus any pending Board Actions.

East Link Extension Project budget is located on page 24 of the 2016 Adopted Transit Improvement Plan (TIP).

STart Program budget is located on page 63 of the 2016 Adopted Transit Improvement Plan (TIP).

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 and the Shimmick/Parsons JV has committed to the following Small Business/DBE Participation:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 10%

DBE: 6%

Commitment:

Small Business: 10.15%

DBE: 6.7%

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Industrial Source LLC	DBE	0.31%	\$ 1,000,000
Advanced Traffic Control LLC	DBE	0.37%	\$ 1,200,000
Automated Controls	Small Business	0.56%	\$ 1,795,000
Building Specialties NW LLC	Small Business	0.002%	\$ 4,831
Electrical Systems Solutions Inc.	DBE	0.10%	\$ 325,500
Fuller Electric	Small Business	0.07%	\$ 225,000
Garner Construction Inc.	DBE	0.10%	\$ 321,200
Green City Inc.	DBE	1.93%	\$ 6,206,190
J. Keiser & Assoc. LLC	DBE	0.31%	\$ 1,000,000
Liberty Security	Small Business	0.17%	\$ 537,289
MBI Construction Services	DBE	0.09%	\$ 278,000
O'Bunco Engineering	DBE	0.41%	\$ 1,331,280
OMA Construction, Inc.	DBE	0.34%	\$ 1,081,751
O'Neill Service Group	DBE	0.37%	\$ 1,200,000
Reliance Fire Protection	Small Business	1.40%	\$ 4,482,000
Salinas Construction	Small Business	1.18%	\$ 3,786,000
Signs Now	DBE	0.02%	\$ 62,177
Sub Terra Inc.	Small Business	0.08%	\$ 248,000
Sundancer Electric, Inc.	DBE	1.18%	\$ 3,800,000
The Bag Lady, Inc.	DBE	0.04%	\$ 121,090
Transcon Company LLC	DBE	1.12%	\$ 3,600,000
TOTAL		10.15%	\$32,605,308

PUBLIC INVOLVEMENT

Extensive public outreach efforts have taken place on behalf of the East Link Extension over the last nine years. Outreach activities have included meetings with community members, property owners, businesses, stakeholders, local jurisdictions, and agencies. Since the project kickoff in 2006, Sound Transit has hosted approximately 60 public meetings, and has also held hundreds of briefings with property owners and stakeholders; including 82 in 2014. Additionally, project staff have held quarterly meetings with the leadership group for the residential neighborhoods in order to keep them regularly updated on project status and upcoming milestones.

TIME CONSTRAINTS

This contract is on the near critical path of East Link. The schedule of this contract impacts one major follow-on contract package. A one-month delay in issuing this contract would increase the risk of impacting the critical path of East Link.

PRIOR BOARD/COMMITTEE ACTIONS

Not applicable to this action.

ENVIRONMENTAL REVIEW

JI 8/25/2016

LEGAL REVIEW

LA 2 September 2016

MOTION NO. M2016-100

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Shimmick/Parsons JV to construct the South Bellevue contract E320 within the East Link Extension in the amount of \$321,098,000, with a 12% contingency of \$38,532,000, for a total authorized contract amount not to exceed \$359,630,000.

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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 with Shimmick/Parsons JV to construct the South Bellevue contract E320 within the East Link Extension in the amount of \$321,098,000, with a 12% contingency of \$38,532,000, for a total authorized contract amount not to exceed \$359,630,000.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on October 27, 2016.



Dow Constantine
Board Chair

ATTEST:



Kathryn Flores
Board Administrator