

MOTION NO. M2015-99

**Increase Contingency for East Link Extension Final Design Services – South Bellevue to Overlake Transit Center and Amend Contract to Add Design Services During Construction**

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	10/08/2015	Recommend to Board	Ahmad Fazel, DECM Executive Director
Board	10/22/2015	Final Action	<b>Ron Lewis, Executive Project Director, East Link</b> <b>DeWitt Jensen, Corridor Design Manager, East Link (Bel-Red)</b>

**PROPOSED ACTION**

Authorizes the chief executive officer to amend the contract with H-J-H Final Design Partners for the South Bellevue to Overlake Transit Center segment of the East Link Extension by (1) increasing the contract contingency for Final Design services in the amount of \$5,975,000, (2) amending the contract for Design Services During Construction in the amount of \$36,385,000, and (3) increasing the contract contingency for Design Services During Construction in the amount of \$3,640,000, for a combined total amount of \$46,000,000, for a new total authorized contract amount not to exceed \$141,312,585.

**KEY FEATURES SUMMARY**

- This action will provide design refinements and tasks associated with Final Design as well as design support during construction.
- The request for Final Design contract contingency funds will address the following anticipated and potential changes:
  - Design changes to implement the amended Sound Transit/City of Bellevue memorandum of understanding (MOU).
  - Refinements related to input from Bellevue’s Citizen Advisory Committee and the Design and Mitigation permit process.
  - Support for permitting.
  - Incorporation of GC/CM (General Contractor/Construction Manager) proposals into the E335 Contract package to reduce construction costs and risks.
  - Refinements of the Spring District/120th station design.
  - Final design management extension.
- The requested Design Services During Construction (DSDC) funds will provide services during the construction for the following contract packages:
  - E320 – South Bellevue (Design, Bid, Build Contract)
  - E330 – Downtown Bellevue Tunnel (Design, Bid, Build Contract)
  - E335 – Downtown Bellevue to Spring District (GC/CM)
  - E340 – Bel-Red (Design, Bid, Build Contract)
  - E360 – SR-520 (Design Build Contract with only limited DSDC support)
- The DSDC work will commence later this year to allow H-J-H to prepare for the start of construction on E330, which is expected to begin in early 2016. For the E360 Contract, H-J-H will be augmenting Sound Transit and Design Build Project Management (DBPM) consultant staff by performing limited DSDC including geotechnical support and reviews and coordination during the design phase.

## 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, including the tunnel route in downtown Bellevue, were selected by the Sound Transit Board on July 28, 2011, and amended on April 25, 2013. Light rail service between Seattle and the Overlake Transit Center is forecasted to begin in 2023.

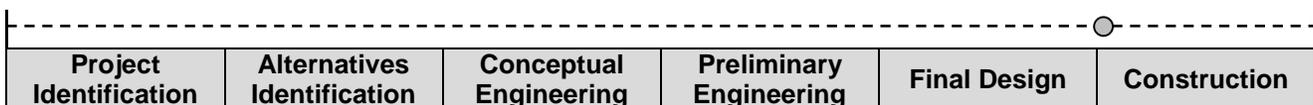
In March 2012, the Board authorized a contract with H-J-H Final Design Partners to perform Phase 1 (early work design services) for the South Bellevue to Overlake Transit Center segment of the East Link extension. In August 2012, the Board approved a contract amendment to include Phase 2 (Final design services) for civil and architectural elements for a total contract amount of \$87,800,000. In 2013, the Board granted additional contracting authority specifically for design services of the Overlake Village Bridge and Overlake Transit Center Bridge and station improvements, bringing the total authorized contract amount not to exceed \$90,922,585. In April 2014, the Board granted additional contracting authority for design contingency of \$4,390,000, bringing the total authorized contract amount not to exceed \$95,312,585.

There are a number of continuing design refinements within these contract packages that require additional funding. H-J-H will provide final design services to include the following: design changes to implement the amended Sound Transit/City of Bellevue memorandum of understanding (MOU); refinements related to input from Bellevue's Citizen Advisory Committee and the Design and Mitigation permit process; support for permitting; incorporation of GC/CM proposals into the E335 Contract package which will reduce construction costs and risks; refinements of the Spring District/120th station design to reflect current negotiations with Wright Runstad, the Spring District developer; and additional Final Design management extension.

The contract contingency for Final Design requested by this action is in the amount of \$5,975,000. The requested contingency will provide funding for the pending change orders and potential change issues currently identified for this project.

The action also includes \$36,385,000, plus \$3,640,000 in contingency for DSDC. The requested funding will provide services during the construction for the following contract packages: E320 – South Bellevue, E330 – Downtown Bellevue Tunnel, E335 – Downtown Bellevue to Spring District, E340 – Bel-Red and E360 – SR-520. E360 contract will utilize the Design-Build contracting method and H-J-H will provide geotechnical support and reviews and coordination during the design phase.

## PROJECT STATUS



Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date for Construction Services Phase: 2Q 2023  
Project scope, schedule and budget summary located on page 43 of the July 2015 Agency 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 Final Design Phase as contained in the current budget.

The 2015 Lifetime Adopted Budget for East Link Extension project is \$3,677,150,000. Within that amount, \$283,000,000 has been set aside for the Final Design Phase. Out of that amount \$185,942,248 has been committed for the Final Design Phase.

The proposed action would commit an additional \$46,000,000 to H-J-H Final Design Partners contract to the revised total of \$141,312,585 to provide Final Design services and design services during construction for the South Bellevue to Overlake Transit Center segment leaving the remaining uncommitted budget of \$51,057,752 in the Final Design Phase.

East Link Extension	2015 TIP*	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	186,200	37,552	0	37,552	148,648
Preliminary Engineering	55,900	54,783	0	54,783	1,117
Final Design	283,000	185,942	46,000	231,942	51,058
Third Parties	52,150	10,639	0	10,639	41,511
Right of Way	298,150	105,483	0	105,483	192,667
Construction	2,544,300	24,765	0	24,765	2,519,535
Construction Services	257,450	17,818	0	17,818	239,632
Vehicles	0	0	0	0	0
<b>Total Current Budget</b>	<b>3,677,150</b>	<b>436,982</b>	<b>46,000</b>	<b>482,982</b>	<b>3,194,168</b>
<b>Phase Detail - Final Design</b>					
Civil FD - SB to OTC (HJH)	103,421	95,313	5,975	101,288	2,133
Civil DSDC - SB to OTC (HJH)	45,114	0	40,025	40,025	5,089
Other Phase Work	134,465	90,630	0	90,630	43,835
<b>Total Phase</b>	<b>283,000</b>	<b>185,942</b>	<b>46,000</b>	<b>231,942</b>	<b>51,058</b>
<b>H-J-H Final Design Partners Contract Detail</b>					
	<b>Board Approvals to Date</b>	<b>Current Approved Contract Status</b>	<b>Proposed Action</b>	<b>Proposed Total for Board Approval</b>	
Contract Amount	90,923	93,567	40,025	130,948	
Contingency	4,390	1,354	5,975	10,365	
<b>Total Contract Amount</b>	<b>95,313</b>	<b>94,921</b>	<b>46,000</b>	<b>141,313</b>	
Percent Contingency	5%	1%	15%	8%	

**Notes:**

\* East Link Extension baseline project budget was approved by Board on April 23, 2015, Resolution No R2015-04.

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

Board Approvals to Date includes amounts through August 31, 2015 plus any pending Board Actions.

Board Approvals = Committed to-date + Contingency.

## 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 successful Bidder/Proposer has committed to the following Small Business/DBE Participation:

## Small Business and Disadvantaged Business Enterprise Goals:

### Commitment:

Small Business: Goal 14.5%; Commitment: 16.5%

DBE: Goal 4.0%; Commitment: 10.0%

### Performance to-date:

Small Business: 19.80%

DBE: 11.14%

## PUBLIC INVOLVEMENT

Public outreach on the East Link Extension has taken place over the last six years. 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 in the approval of this request may have an impact on our ability to provide timely DSDC to the E330 contract, which has a bid opening date of October 20, 2015. The E330 contract may be delayed as well due to the inability to incorporate value engineering proposals and on-going design coordination with the GC/CM contractor.

## PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2014-25: Authorized the chief executive officer to add contract contingency for a contract with H-J-H Final Design Partners, a joint venture of HNTB Corporation, Jacobs Engineering Group, Inc., and Hatch Mott MacDonald, for Final design services for the South Bellevue to Overlake Transit Center of the East Link Extension in the amount of \$4,390,000, for a new total authorized contract amount not to exceed \$95,312,585.

Motion No. M2013-111: Authorized the chief executive officer to execute a contract amendment with H-J-H Final Design Partners, a joint venture of HNTB Corporation, Jacobs Engineering Group, Inc., and Hatch Mott MacDonald, for design services of the Overlake Transit Center within the East Link Extension in the amount of \$1,300,000, for a new total authorized contract amount not to exceed \$90,922,585.

Motion No. M2013-10: Authorized the chief executive officer to execute a contract amendment with H-J-H Final Design Partners, a joint venture of HNTB Corporation, Jacobs Engineering Group, Inc., and Hatch Mott MacDonald, for design services of the Overlake Village Bridge Project in the amount of \$1,822,585, for a new total authorized contract amount not to exceed \$89,622,585.

Motion No. M2012-57: Authorized the chief executive officer to execute a contract amendment with H-J-H Final Design Partners, a joint venture of HNTB Corporation, Jacobs Engineering Group, Inc., and Hatch Mott MacDonald, to provide Phase 2 Final Design services for the portion of the East Link project from South Bellevue to the Overlake Transit Center in the amount of \$83,000,000, for a new total authorized contract amount not to exceed \$87,800,000.

Motion No. M2012-12: Authorized the chief executive officer to execute a contract with H-J-H Design Partners (Joint Venture) to provide Phase 1 Final Design services for the East Link – South Bellevue to Overlake Transit Center Station project for a total authorized contract amount not to exceed \$4,800,000.

## ENVIRONMENTAL REVIEW

JI 9/23/2015

## LEGAL REVIEW

LA 2 October 2015

**MOTION NO. M2015-99**

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to amend the contract with H-J-H Final Design Partners for the South Bellevue to Overlake Transit Center segment of the East Link Extension by (1) increasing the contract contingency for Final Design services in the amount of \$5,975,000, (2) amending the contract for Design Services During Construction in the amount of \$36,385,000, and (3) increasing the contract contingency for Design Services During Construction in the amount of \$3,640,000, for a combined total amount of \$46,000,000, for a new total authorized contract amount not to exceed \$141,312,585.

**BACKGROUND:**

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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 amend the contract with H-J-H Final Design Partners for the South Bellevue to Overlake Transit Center segment of the East Link Extension by (1) increasing the contract contingency for Final Design services in the amount of \$5,975,000, (2) amending the contract for Design Services During Construction in the amount of \$36,385,000, and (3) increasing the contract contingency for Design Services During Construction in the amount of \$3,640,000, for a combined total amount of \$46,000,000, for a new total authorized contract amount not to exceed \$141,312,585.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on October 22, 2015.



Dow Constantine  
Board Chair

ATTEST:



Kathryn Flores  
Board Administrator