

**MOTION NO. M2012-12**
**Phase 1 Final Design Services for East Link – South Bellevue to Overlake Transit Center Station**

<b>MEETING:</b>	<b>DATE:</b>	<b>TYPE OF ACTION:</b>	<b>STAFF CONTACT:</b>	<b>PHONE:</b>
Capital Committee	3/8/2012	Final Action	Ahmad Fazel, DECM Executive Director <b>Ron Lewis, East Link Executive Project Director</b> <b>Tony Raben, East Link Deputy Project Manager</b>	206-398-5389  206-689-4905  206-398-5171

**PROPOSED ACTION**

Authorizes 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.

**KEY FEATURES**

- East Link final design will use three design contracts, two for the civil final design and one for the systems final design. The civil final design contract from South Bellevue to Overlake Transit Center (OTC) will be authorized in two phases; Phase 1 – Early Work and Phase 2 – Detailed Design.
- The phased approach allows certain activities to begin as the full scope of Phase 2 is negotiated. Phase 1 – Early Work services are intended to ensure major design decisions have been made and to prepare the project for detailed design.
- H-J-H Design Partners (a joint venture of HNTB Corporation, Jacobs Engineering Group, Inc., and Hatch Mott MacDonald) will perform Phase 1 final design services including contract packaging, preparation of key management plans, development of the design schedule, confirming design criteria and standards, establishing the design baseline estimate, advancement of cost savings concepts, furthering the design development of the stations, community outreach, and conducting value engineering.
- With satisfactory performance during Phase 1, additional Board authorization would be sought for Phase 2 – Detailed Design in mid-2012, which will increase the contract price by an amount that is anticipated to be significantly larger than the amount for Phase 1.

**PROJECT DESCRIPTION**

East Link extends light rail to East King County via I-90 from downtown Seattle to downtown Bellevue and the Overlake area of Redmond, 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 ST2 plan provides for environmental review for a future expansion between the Overlake Transit Center and downtown Redmond. 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. Revenue service between Seattle and the Overlake Transit Center is forecast for early 2023.

## FISCAL INFORMATION

Consistent with the current estimate, this action and remaining actions within the final design phase are within the adopted project budget.

### Project Budget

**Action Item:** H-J-H Design Partners to provide Phase 1 final design services for the East Link – South Bellevue to Overlake Transit Center Station

East Link	2012 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	66,539	9,758		9,758	56,780
Preliminary Engineering	61,123	54,809		54,809	6,314
Final Design	223,685	0	4,800	4,800	218,885
Right of Way	365,408	737		737	364,671
Construction	0	0		0	0
Construction Services	0	0		0	0
Third Party Agreements	40,064	1,129		1,129	38,935
Vehicles	0	0		0	0
<b>Total Current Budget</b>	<b>756,819</b>	<b>66,433</b>	<b>4,800</b>	<b>71,233</b>	<b>685,586</b>

### Phase Detail

#### Final Design

IDS-OTC Civil & Systems Final Design	145,050	0	4,800	4,800	140,250
Other Phase Work	78,635	0	0	0	78,635
<b>Total Phase</b>	<b>223,685</b>	<b>0</b>	<b>4,800</b>	<b>4,800</b>	<b>218,885</b>

### Contract Detail

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	0	0	4,800	4,800
Contingency	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>4,800</b>	<b>4,800</b>
Percent Contingency	0%	0%	0%	0%

### Notes:

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

Board Approvals to Date includes amounts through January 31st, 2012, plus any pending Board Actions.

Project Budget is located on page 45 of the 2012 Transit Improvement Plan (TIP).

Board Approvals = Committed to-date + Contingency

## SMALL BUSINESS PARTICIPATION

Sound Transit Goal:

Small Business: 14.5%

DBE: 4%

Commitment, Phase 1:

Small Business: 11.4%

DBE: 7.0%

H-J-H Design Partners is committed to exceeding Sound Transit's Small Business and DBE goals over the life of the contract. Because Phase 1 – Early Work will use only a subset of the H-J-H Design Partners team, Small Business and DBE participation will be less than planned in Phase 2 – Detailed Design.

<b>Subconsultant/Subcontractor</b>	<b>Business Type</b>	<b>% of Work</b>	<b>Dollar Value</b>
ATS Consulting	Small Business	0.4%	\$15,020
C&N Consultants	Small Business	1.7%	\$67,865
Lin & Associates	DBE	2.3%	\$93,881
LKG-CMC	DBE	1.7%	\$67,282
Moniz Art + Architecture	DBE	0.3%	\$13,105
Project Dimensions	Small Business	1.7%	\$68,575
PRR	DBE	1.8%	\$73,266
The VOSK Group	DBE	0.9%	\$34,475
TBD Diversity Lead	Small Business	0.6%	\$22,241
<b>Total</b>		<b>11.4%</b>	<b>\$455,710</b>

## **EQUAL EMPLOYMENT WORKFORCE PROFILE**

83 employees; 26.51% women; 14.46% minorities.

## **BACKGROUND**

Sound Transit initiated East Link environmental and preliminary engineering work in 2006 and completed the work in 2011. The East Link final environmental impact statement was published in July 2011 and the Federal Transit Administration issued a Record of Decision for the project on November 16, 2011.

The project route, profiles, and station locations were selected by the Sound Transit Board on July 28, 2011. The route includes a tunnel alignment in downtown Bellevue based on an agreement with the City of Bellevue to fund a portion of the cost to construct the tunnel in downtown Bellevue.

On November 17, 2011, the Sound Transit Board authorized the chief executive officer to advance the East Link project into final design.

The final design for the civil and architectural elements of the project will be developed in two design contracts. There will be a separate design contract for the systems elements, which will be for the entire alignment.

At approximately 60% design the Board will determine whether to authorize the project to proceed through Gate 5 where the baseline schedule and budget will be established.

In November 2011, the final design services from South Bellevue to Overlake Transit Center was advertised. Four proposers responded in December 2011. In January 2012, three proposers were interviewed and the highest ranked proposer was identified. Phase 1 negotiations took place in February 2012 resulting in the proposed action.

## **ENVIRONMENTAL COMPLIANCE**

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. 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.

## **PRIOR BOARD/COMMITTEE ACTIONS**

Motion No: M2011-81: Implemented the East Link light rail project.

Motion No: M2011-77: Authorized the chief executive officer to (1) execute an Umbrella Memorandum of Understanding with the City of Bellevue to reduce Sound Transit's costs associated with the construction of a tunnel alignment in downtown Bellevue, and (2) execute a Transitway Agreement with the City of Bellevue to grant Sound Transit non-exclusive use of City right-of-way to construct, operate, and maintain the East Link Project provided that the Bellevue City Council promptly approves and authorizes execution of the documents in a form substantially consistent with the terms and conditions described herein.

Resolution No: R2011-10: Selected the route, profiles, and station locations for the East Link Light Rail Project.

Motion No: M2011-62: Authorized the chief executive officer to enter into a term sheet with the City of Bellevue regarding the East Link Project.

Motion No: M2010-44: Modified the preferred light rail routes and stations previously identified in Motion No. M2009-41 for the East Link Light Rail Project Final Environmental Impact Statement.

## **TIME CONSTRAINTS**

Final design of the alignment through downtown Bellevue is on the critical path of the East Link project. A one month delay would impact the overall project schedule.

## **PUBLIC INVOLVEMENT**

Public outreach on the East Link project has taken place for the last five years. Outreach has included meeting with communities, businesses, stakeholders, and agencies which helped shape the project by asking questions, talking with project staff, and providing ideas and comments.

Since project kick off in 2006, Sound Transit has hosted twenty-eight public meetings while also holding briefings and drop-in sessions. The comments gathered at those public sessions have, and will continue to help the decision-making process for the East Link project. Community outreach is included in the scope of Phase 1.

## **LEGAL REVIEW**

LA 3/1/12

## **MOTION NO. M2012-12**

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

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**MOTION:**

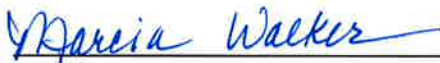
It is hereby moved by the Capital Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with H-J-H Design Partners (Joint Venture) to provide Phase 1 final design services for the East Link – South Bellevue to Overlake Transit Center Station project for a total authorized contract amount not to exceed \$4,800,000.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on March 8, 2012.



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Fred Butler  
Capital Committee Chair

ATTEST:



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Marcia Walker  
Board Administrator