



MOTION NO. M2010-76

South Link - Airport to South 200th Street Engineering Design Refinement

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Capital Committee	08/12/10	Final Action	Ahmad Fazel, DECM Executive Director Ron Lewis, Deputy Executive Director, Business Services	206-398-5389 206-689-4905

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with Huitt-Zollars to provide design services for the South Link - Airport to South 200th Street project in the amount of \$4,223,173 with a 10% contingency of \$422,317, for a total authorized contract amount not to exceed \$4,645,490.

KEY FEATURES

- This action would advance the design of the light rail alignment and station on the South Link light rail project between the SeaTac/Airport Station and South 200th Street. This effort will produce a refined alignment plan and profile as well as an updated cost estimate which will help the Board make an informed decision regarding the delivery schedule and method for the project.
- The consultant design services contract will be performed in two phases. The initial tasks will advance the previous preliminary engineering work on the South Link light rail guideway and station. The initial scope includes finalizing the alignment plan and profile, evaluation of alternative station configurations, advancement of station architectural and systems design, value engineering and constructability review, geotechnical investigations, survey and utility basemapping, coordination with third parties including the City of SeaTac, the Port of Seattle, and Puget Sound Energy, and the development of an updated baseline cost estimate.
- The contract also provides for a second phase of work that would provide for the consultant to assist Sound Transit in the development of design-build procurement documents, and assist Sound Transit in evaluating the cost and technical proposals from the design-build proposers. Proceeding with the second phase of work will require authorization and funding of a future contract amendment by the Board, should the Board choose to proceed with this delivery method. The contract also allows for Sound Transit to include additional services and scope to support the administration of a design-build contract at Sound Transit's sole discretion.
- This action is in accordance with Phase Gate 1 approval within the agency's Phase Gate policy for formal creation of the South Link Airport to South 200th Street project and approval to enter into the engineering design refinement phase.

PROJECT DESCRIPTION

South Link - Airport to South 200th Street project is a 1.6-mile light rail extension on an aerial guideway alignment from the SeaTac/Airport Station to South 200th Street along 28th Avenue South within the City of SeaTac. The project includes an elevated station at South 200th Street with off street parking, a passenger drop-off area, and bus transfer facilities.

FISCAL INFORMATION

The Adopted 2010 Lifetime Capital Budget for the South Link Airport to South 200th Street project is \$22,771,632. Within that amount, \$3,377,768 has been set aside for preliminary engineering (PE). Approval of the proposed action for \$4,645,490 would result in a budget shortfalls of \$2,370,489 for the preliminary engineering phase, which will be funded from unallocated contingency and surplus budget within the PE phase, and unused budget funds within other phases of the project. The Proposed 2011 budget will include the necessary budget allocations for this phase of the project.

Budget Table

(Year of Expenditure \$000)

South Link - Airport to South 200th St.

	Adopted 2010 Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
Agency Administration	2,259	325		325	1,933
Preliminary Engineering	3,378	1,103	4,645	5,748	(2,370)
Final Design	373	373		373	-
Right of Way	15,441	9,969		9,969	5,472
Construction	-	-		-	-
Construction Services	-	-		-	-
Third Party Agreements	1,321	321		321	1,000
Vehicles	-	-		-	-
Total Current Budget	22,772	12,091	4,645	16,737	6,035

Preliminary Engineering Phase Detail

Preliminary Engineering	3,378	1,103	4,645	5,748	(2,370)
Total Phase	3,378	1,103	4,645	5,748	(2,370)

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	-	-	4,223	4,223	4,223
Contingency	-	-	422	422	422
Total Contract	-	-	4,645	4,645	4,645
Percent Contingency	0%	0%	10%	10%	10%

Budget Shortfall

Task Level	\$Amount (K)	Potential Resources (L)	Source (M)
Preliminary Engineering	2,370	6,035	Unused budget within other phases of the South Link - Airport to S 200th St project.

(B) COMMITTED TO DATE amounts are from the Link WBS Report as of June 2010 + approved and pending board actions not recorded as of 6/30/10, or submitted after that date, and include allocated contingencies.

SMALL BUSINESS PARTICIPATION

Sound Transit Goal:

Small Business: 13%

DBE: 3%

Commitment:

Small Business: 14%

DBE: 10.5%

Subconsultant/Subcontractor	Business Type	% of Work*	Dollar Value
Applied Professional Services	Small Business	1.0%	\$44,200
ATS Consulting	Small Business	0.3%	\$10,719
C&N Consultants	Small Business	0.9%	\$38,313
The Greenbusch Group	Small Business	0.2%	\$8,928
GHL Consultants	DBE	2.0%	\$83,424
KBA Construction Management	Small Business	0.1%	\$4,686
Lin and Associates	DBE	5.8%	\$244,585
Michael Minor and Associates	Small Business	0.6%	\$27,051
Studia Pacifica	Small Business	0.1%	\$6,080
Triunity Engineering & Management	DBE	2.7%	\$112,491
William P. Ott Construction Consultants	Small Business	0.3%	\$11,025
Total		14%	\$591,502

*Percentages are rounded to the nearest tenth.

EQUAL EMPLOYMENT WORKFORCE PROFILE

24 employees; 8.3% women; 8.3% minorities.

BACKGROUND

In 1996 voters approved the Sound Move Plan, a 24-mile Central Link light rail alignment between Northgate in Seattle and South 200th Street in SeaTac. The Sound Move Plan projected completion of at least 21 miles of light rail by 2006. However, a number of challenges encountered in the early part of the Central Link project resulted in a more phased implementation of the plan. Sound Transit constructed and began operating light rail from downtown Seattle to SeaTac Airport by the end of 2009.

The South Link - Airport to South 200th Street (South Link) project extends light rail approximately 1.6 miles beyond the existing interim southern terminus at the SeaTac/Airport Station. The design features an elevated light rail guideway; a bus transfer and kiss and ride drop-off area, a park-and-ride facility with approximately 630 stalls, secured bicycle parking, and improved pedestrian connections.

Sound Transit has completed environmental documentation for the South Link project and the FTA has issued a Record of Decision. Because the environmental review process has been completed and the project is in a state of readiness, staff recommends exploring the feasibility of accelerating the schedule for delivering the project utilizing a design-build delivery method. Sound Transit staff recently presented the South Link project to the State of Washington Capital Projects Advisory Review Board (CPARB), Project Review Committee (PRC) for consideration and received their approval to use a design-build alternative contracting procedure.

The ST2 Plan approved by voters in the fall of 2008 included extension of the Central Link light rail system to South 200th Street and Highline Community College by 2020, and to Redondo/Star Lake by 2023. This action could facilitate completion of the South Link project as early as 2015, subject to satisfactory resolution of the financial impacts of such acceleration. The public benefits of opening light rail service to South 200th Street sooner than anticipated in ST2 would be to increase ridership; create a fully functional multimodal interim terminus serving King County commuters south of Sea-Tac Airport and Pierce County commuters with easier access from the freeway; provide a more balanced distribution of parking by providing an alternative to parking at the Tukwila International Boulevard Station; take advantage of the favorable bidding climate and real estate prices afforded by the current economic conditions; and create much needed jobs.

This action provides for advancing the preliminary engineering work done under the Sound Move program to allow consideration of accelerating the extension to South 200th Street. Refinements are needed in the areas of geotechnical investigations, civil and systems engineering, coordination of the track alignment with planned future roadways on Port of Seattle property, station architecture, cost estimating, noise analysis, surveying, mapping, and utility engineering.

The proposed contract reserves Sound Transit's sole discretion to negotiate future amendments for providing assistance to Sound Transit in the development of design-build procurement documents, providing engineering support during design-build, construction management services, final design services, and design support during construction. Board authorization to amend this contract would then be sought in the future.

Huitt-Zollars, Inc. was selected through a competitive procurement process. A Request for Qualifications for services to be performed was issued on April 19, 2010. Six Statements of Qualifications were received and two teams were short-listed for interview. Huitt-Zollars, Inc. was ranked highest by the selection team and was invited to submit a cost proposal for contract negotiation.

ENVIRONMENTAL COMPLIANCE

Environmental compliance pursuant to the National Environmental Policy Act (NEPA) and the State Environmental Policy Act (SEPA) for Airport Link was completed with the Central Link Final Environmental Impact Statement (EIS) issued in November 1999 and Airport Link Environmental Assessment/SEPA Addendum (EA) on May 26, 2005. The Federal Transit Administration issued a Record of Decision for Airport Link on September 13, 2005.

Jl 8/3/2010

PRIOR BOARD/COMMITTEE ACTIONS

Resolution No. R2005-16 - Selected the final route, profile, and station locations for the Airport Link Light Rail Project from the Tukwila International Boulevard Station to South 200th Street.

TIME CONSTRAINTS

A one month delay in Board action would postpone the completion of the initial phase of work and the Board's consideration of accelerating the project further into 2011.

PUBLIC INVOLVEMENT

Not applicable to this action.

LEGAL REVIEW

LA 8/5/10

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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 Huitt-Zollars to provide design services for the South Link - Airport to South 200th Street project in the amount of \$4,223,173 with a 10% contingency of \$422,317, for a total authorized contract amount not to exceed \$4,645,490.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on September 9, 2010.



Fred Butler
Capital Committee Chair

ATTEST:



Marcia Walker
Board Administrator