

MOTION NO. M2013-89

Contract Amendment for Design Services for the South 200th Link Extension

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Capital Committee	10/10/13	Recommend to Board Final Action	Ahmad Fazel, DECM Executive Director	206-398-5389
Board	10/24/13	Final Action	Miles Haupt, Project Director Mark Johnson, Sr. Project Manager	206-370-5501 206-398-5192

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with Huitt-Zollars to provide additional design services for Phase 3 work for the South 200th Link Extension in the amount of \$2,078,127, with a 10% contingency of \$207,813, totaling \$2,285,940, for a total authorized contract amount not to exceed \$12,972,928.

KEY FEATURES SUMMARY

- The contract amendment would fund additional Phase 3 tasks that are within contract scope but were not previously included in the work. This work includes:
 - Design of traffic signal and channelization improvements in WSDOT rights-of-way at S. 200th Street and Military Road S.
 - Development of 60% designs for both baseline and alternative mitigations for the station area roadways contract package.
 - Additional environmental investigation and documentation required by the discovery of two ditches possibly under the US Army Corps of Engineers' jurisdiction.
 - Design services during construction (DSDC) for station area roadways work.
 - Additional administrative support for the guideway and station design-build contract.
 - Extension of management services to December 2016 to support the contract.
- Phase 3 work began in February 2013 and included design services for the South 200th Link Extension parking garage (including potential transit-oriented development around the garage), station area roadways and support for the Angle Lake station and guideway design-build contract.

BACKGROUND

The South 200th Link Extension will extend light rail approximately 1.6 miles from SeaTac/Airport Station to Angle Lake Station, spanning South 200th Street. The design features an elevated light rail guideway, an elevated station, and a detached park-and-ride facility with long-term capacity of approximately 700 stalls. The interim capacity of the park-and-ride facility will be up to 1,100 stalls while Angle Lake Station is a temporary southern terminus of the light rail system. Station amenities include on-street bus pullouts at the station, an off-street passenger drop-off area, secured bicycle parking, and improved pedestrian and bicycle connections in the station vicinity.

In September 2010, the Board authorized a contract with Huitt-Zollars (Motion No. M2010-76) to provide civil, architectural, and systems design services to refine previous preliminary engineering work on the South 200th Link Extension guideway and Angle Lake Station. A refined alignment plan and profile and updated cost estimate were produced.

Phase 1 work refined the preliminary engineering work done under Sound Move to allow consideration of accelerating the extension to South 200th Street. Work tasks included

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, utility engineering, and facilitating design-build workshops. Phase 1 work tasks are now complete.

Phase 2 work advanced the design of the guideway and Angle Lake Station enough to pursue a Conditional Use Permit and Development Agreement with the City of SeaTac. It also advanced systems engineering design, assisted Sound Transit in developing the design-build procurement documents for the guideway and station, including an RFQ/RFP for final design and construction, and supported Sound Transit's evaluation of cost and technical proposals from the design-build proposers. The agency also received assistance with right of way engineering and surveying, sustainability evaluation, permitting support, and illustrative design graphics during Phase 2. Phase 2 work tasks are now complete.

Phase 3 work began in February 2013. The scope included assisting Sound Transit with the remaining South 200th Link Extension contract packages identified at that time, the parking Garage with potential adjacent transit-oriented development, station area roadways, and support of the station and guideway support design-build contract.

Phase 3 work completed to-date has revealed the need for additional tasks and allows Sound Transit to define with greater assurance services needed to complete the project. This work includes:

- Design work for traffic signal and channelization improvements at the intersection of S. 200th St, Military Rd S, and I-5 to satisfy required mitigation measures under the Development and Transitway Agreement with the City of SeaTac. This work was previously anticipated to be performed by WSDOT because it is wholly within WSDOT limited access ROW; however WSDOT has determined that they do not have adequate resources to perform this work to meet Sound Transit's schedule.
- Development of 60% designs for both baseline and alternative mitigations for the station area roadways contract package. Preparation of 60% designs for both potential mitigation scenarios is recommended to reduce schedule risk if the City of SeaTac is unsuccessful in implementing its proposed alternative mitigation project. Only one of the two 60% designs will be carried to 100%, following the City's performance or non-performance in demonstrating secured construction funding for its project by August 15, 2014.
- Additional environmental investigation and documentation required by discovery of a ditch that will fall under US Army Corps of Engineers jurisdiction, and additional environmental review for traffic signal and channelization improvements in WSDOT rights-of-way and, potentially, the station area roadways contract package that was not previously anticipated.
- Design Services During Construction (DSDC) for station area roadways work. The work was not adequately defined under previous contract amendments.
- Additional administrative support for the guideway and station design-build contract because the previous allowance for the station design-build contract support was exhausted in support of real estate acquisition efforts.
- Extension of management services to December 2016 to support the contract, including the additional work described above.

FISCAL IMPACT

The 2013 TIP for the S. 200th Link Extension is \$383.2 million. Within that amount:

- \$6,810,648 has been set aside for the Final Design phase. The proposed action will result in a phase budget shortfall of \$1,937,591. The transfer of budget funds to this phase from the Construction phase has been included in the Proposed 2014 TIP.
- \$4,741,448 has been set aside for Design-Build Preparation in the Final Design phase. An additional \$1,347,483 was authorized by the Sound Transit Board in January 2013 (Motion M2013-02) for a total commitment of \$6,088,931.
- The proposed action would increase the commitment for this line item by \$2,285,940 to a total of \$8,374,371, and increase the budget shortfall by that amount to \$3,633,423. The additional shortfall will be funded from surplus budget within the Construction phase.

This action is within the adopted budget and sufficient monies remain after approval of this action to fund the remaining work in the project as contained in the current cost estimates.

S 200th Link Extension	2013 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	15,864	6,302		6,302	9,562
Preliminary Engineering	5,702	5,698		5,698	3
Final Design	6,811	6,462	2,286	8,748	(1,938)
Right of Way	43,549	36,543		36,543	7,006
Construction	286,909	193,506		193,506	93,403
Construction Services	17,322	16,434		16,434	888
Third Party Agreements	7,085	5,523		5,523	1,562
Vehicles	-	-		-	-
Total Current Budget	383,241	270,467	2,286	272,753	110,488

Phase Detail - Final Design					
Design-Build Preparation	4,741	6,089	2,286	8,375	(3,633)
Other Final Design	2,069	373	-	373	1,696
Total Phase	6,811	6,462	2,286	8,748	(1,938)

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	9,715	10,536	2,078	11,794
Contingency	972	151	208	1,179
Total	10,687	10,687	2,286	12,973
Percent Contingency	10%	1%	10%	10%

Budget Shortfall	
Budget Shortfall	3,633
Surplus Budget Construction Phase	2,286
Final Design Phase UAC	757 (A)
Surplus Budget Final Design Phase	591 (A)
Total Funding	3,633

Notes:

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

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

2013 TIP = Project budget located on page 34 of the Proposed 2013 Transit Improvement Plan (TIP) as amended in Board Resolution

R2012-25 adopted by the ST Board 12/20/12.

(A) Funding for budget shortfall that was previously authorized by the ST Board in Motion M2013-02, adopted 1/24/13.

SMALL BUSINESS PARTICIPATION

Huitt-Zollars is the prime consultant for this contract. The actual Small Business participation achieved will vary depending on the needs of the additional Phase 3 work and cannot be definitively detailed at this time. However, Huitt-Zollars is committed to distributing the work to the subconsultant firms as necessary to provide the services as required. This amendment will fund work of which 14.7% is expected to be assigned to subconsultants who are identified as small or disadvantaged businesses.

The Small Business participation goal established for this contract is 13%. Performance to date is 17% Small Business and Disadvantaged Business participation for Phase 1, 2 and 3 design refinement services.

The following DBE and Small Business subconsultants may be utilized for this contract amendment:

C& N Consultants	Small Business
GHL Consultants	DBE
Hart Crowser Inc.	Small Business
Lin and Associates	DBE
Michael Minor and Associates	DBE
William P. Ott Construction Consultants	Small Business

EQUAL EMPLOYMENT WORKFORCE PROFILE

333 employees, 25.6% Women, 26.1% minorities

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A one month delay would decrease project float impacting final design and construction schedules, and would delay achievement of intermediate design milestones for station area roadways and mitigation within WSDOT rights-of-way.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2013-02: Authorized the chief executive officer to execute a contract amendment with Huitt-Zollars to provide additional design services for the South 200th Link Extension in the amount of \$1,979,090, with a 10% contingency of \$197,910, totaling \$2,177,000, for a total authorized contract amount not to exceed \$10,686,988.

Motion No. M2011-53: Authorized the chief executive officer to execute a contract amendment with Huitt-Zollars to provide additional design services for the South Link – Airport to South 200th Street project in the amount of \$3,513,180 with a 10% contingency of \$351,318, for a total authorized contract amount not to exceed \$8,509,988.

Motion No. M2010-76: Authorized 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.

ENVIRONMENTAL REVIEW

JI 10/3/2013

LEGAL REVIEW

LA 4 October 2013

MOTION NO. M2013-89

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with Huitt-Zollars to provide additional design services for Phase 3 work for the South 200th Link Extension in the amount of \$2,078,127, with a 10% contingency of \$207,813, totaling \$2,285,940, for a total authorized contract amount not to exceed \$12,972,928.

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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 amendment with Huitt-Zollars to provide additional design services for Phase 3 work for the South 200th Link Extension in the amount of \$2,078,127, with a 10% contingency of \$207,813, totaling \$2,285,940, for a total authorized contract amount not to exceed \$12,972,928.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on _____.

Pat McCarthy
Board Chair

ATTEST:

Marcia Walker
Board Administrator