

MOTION NO. M2015-90

Amend Contract for Construction Management Services for the Sounder Point Defiance Bypass, Tacoma Trestle Track and Signal, and Sounder Yard Expansion Projects

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	09/10/2015	Recommendation	Ahmad Fazel, DECM Executive Director Eric Beckman, Deputy Executive Director – Business and Construction Services
Board	09/24/2015	Final Action	Tom Dean, Construction Manager

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with HNTB Corporation to provide construction management services for the Point Defiance Bypass, Tacoma Trestle Track & Signal, and Sounder Yard Expansion projects, in the amount of \$13,062,658, with contingency of \$437,342, totaling \$13,500,000, for a new total authorized contract amount not to exceed \$15,700,000.

KEY FEATURES SUMMARY

- A single construction management consultant (CMC) contract is being used for the Sounder program in the South Sound area, which consists of three separate construction contracts: the Point Defiance Bypass project, Tacoma Trestle Track & Signal project, and the Sounder Yard Expansion project.
- All three projects are in the same geographic area, will be constructed during the same relative time period, and are similar in scope, allowing them to be effectively managed by a single Resident Engineer supported by inspectors resulting in cost savings to the agency.
- The CMC contract for the three Sounder projects is being implemented in two phases: Phase 1 of the CMC contract was authorized by the Sound Transit Board in November 2014 and included Preconstruction Services.
- This action would authorize the Phase 2 which includes: the construction oversight, inspection, documentation, change order preparation, estimating and day to day management of the construction contracts.

BACKGROUND

During Phase 1 preconstruction, HNTB provided procurement support, permit support, contract document review, construction estimate reviews, participated in value engineering, risk assessments and constructability reviews, construction management support, and oversight of early works by adjacent private and public developments, and public and private utility relocations for three Sounder projects in the South Sound area—Point Defiance Bypass, Tacoma Trestle Track & Signal, and Sounder Yard Expansion.

Point Defiance Bypass

The Point Defiance Bypass project is a Washington State Department of Transportation (WSDOT) project that will reroute passenger trains to an inland rail line along the west side of I-5 through south Tacoma, Lakewood, and DuPont. The Point Defiance Bypass was recently awarded to Stacy & Witbeck, Inc. and includes:

- Construction of a new second track adjacent to Sound Transit’s existing main line between South Tacoma (66th Street Bridge) and Lakewood (Bridgeport Way);
- Installation of new rails, ties, and ballast on Sound Transit’s existing railroad right-of-way between Lakewood and Nisqually;
- Improvements at the connection to BNSF’s main line near Nisqually; and
- Safety improvements at some existing at-grade crossings within the project corridor.

Tacoma Trestle Track & Signal

Tacoma Trestle Track & Signal project will use a standard Design-Bid-Build contracting method and includes:

- Replacement of the existing wooden train trestle located in Tacoma, WA between East ‘C’ Street and Tacoma Rail Junction rail corridor with a new double track train bridge and modification of the railroad signals;
- Construction of the Washington State Department of Transportation (WSDOT) platform extension on to the new double track trestle.
- Maintaining the existing trestle in operation while the first section of the new train bridge is constructed adjacent to the existing trestle, and constructing the second section, including the second track, after the first new track is operational; and
- Relocating and/or rebuilding the existing infrastructure and utilities that are in conflict with the new design.

Souder Yard Expansion

The Souder Yard Expansion project will accommodate the arrival of new train sets in December of 2016. Sound Transit is using a design-build delivery method and plans to award the contract in the fourth quarter of 2015.

The Souder Yard Expansion project will use the Design-Build contracting method and includes:

- Construction of additional track (two turn outs) and modification of signals;
- Completing drainage improvements and increasing electrical power to accommodate additional wayside power and yard lighting; and
- Construction of a Train and Enginemen (T&E) building, storage building, compressor building, and new parking lot and grading throughout the site.

PROJECT STATUS

○					
Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction

Projected Completion Date for Point Defiance Bypass: 2Q 2017
 Projected Completion Date for Tacoma Trestle: 2Q 2018
 Projected Completion Date for Souder Yard Expansion: 3Q 2016

FISCAL INFORMATION

The contract with HNTB for Construction Management Services is shared between three Sounder projects, the Point Defiance Bypass, Tacoma Trestle Track and Signal, and Sounder Yard Expansion.

- The Lifetime budget for Tacoma Trestle Track and Signal, as shown in the 2015 amended TIP, is \$120,509,000. Within that amount, \$5,666,000 has been set aside in the Construction Services phase. The proposed action would commit an additional \$4,654,000 to this line item, including a 4% total contract contingency, leaving a remaining balance of \$286,047.
- The Lifetime budget for Point Defiance Bypass, as shown in the 2015 amended TIP, is \$128,000,000. Within that amount, \$9,600,000 has been set aside in the Construction Services phase. The proposed action would commit an additional \$8,069,000 to this line item, including a 4% total contract contingency, leaving a remaining balance of \$232,826.
- The Lifetime budget for Sounder Yard Expansion, as shown in the 2015 adopted TIP, is \$20,550,000. Within that amount, \$1,400,000 has been set aside in the Construction Services phase. The proposed action would commit an additional \$777,000 to this line item, including a 4% total contract contingency, leaving a remaining balance of \$447,126.

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

Contract Detail HNTB Corporation	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	2,000	2,000	13,063	15,063
Contingency Amount	200	200	437	637
Total Contract	2,200	2,200	13,500	15,700
Percent Contingency	10%	10%	3%	4%

TACOMA TRESTLE TRACK & SIGNAL	Amended 2015 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	4,086	1,485		1,485	2,601
Preliminary Engineering	4,497	4,496		4,496	1
Final Design	13,481	8,467		8,467	5,014
Third Party Agreements	1,077				1,077
Right of Way	10,061	5,273		5,273	4,788
Construction	81,641				81,641
Construction Services	5,666	726	4,654	5,380	286
Vehicles					
Total Current Budget	120,509	20,447	4,654	25,101	95,408

Phase Detail Construction Services					
Construction Services	5,666	726	4,654	5,380	286
Other Construction Services					
Total Phase	5,666	726	4,654	5,380	286

POINT DEFIANCE BYPASS	Amended 2015 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	2,700	707		707	1,993
Preliminary Engineering					
Final Design	200	126		126	74
Third Party Agreements					
Right of Way	1,000	53		53	947
Construction	114,500	3		3	114,497
Construction Services	9,600	1,298	8,069	9,367	233
Vehicles					
Total Current Budget	128,000	2,186	8,069	10,255	117,745

Phase Detail

Construction Services

Construction Services	9,600	1,298	8,069	9,367	233
Other Construction Services					
Total Phase	9,600	1,298	8,069	9,367	233

SOUNDER YARD EXPANSION	Amended 2015 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	1,200	357		357	843
Preliminary Engineering	2,150	1,930		1,930	220
Final Design					
Third Party Agreements					
Right of Way	400	108		108	292
Construction	15,400				15,400
Construction Services	1,400	176	777	953	447
Vehicles					
Total Current Budget	20,550	2,570	777	3,347	17,203

Phase Detail

Construction Services

Construction Services	1,400	176	777	953	447
Other Construction Services					
Total Phase	1,400	176	777	953	447

Notes:

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

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

Project budget pages are located on pages 54,55 and 58 of 210, for Tacoma Trestle Track and Signal, Point Defiance Bypass and Sounder Yard Expansion respectively, of the Adopted 2015 Transit Improvement Plan (TIP).

SMALL BUSINESS/DBE PARTICIPATION

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 the entire contract both phase 1 and 2, the following Small Business/DBE Participation commitments were made:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 15%

DBE: 7.5%

Commitment:

Small Business: 30%

DBE: 25%

Subconsultant/Subcontractor	Business Type	% of Work	Amount
ATS Consulting	Small Business	.7%	\$93,304
Herrera Environmental	Small Business	.7%	\$93,304
Jimale Technical Services	DBE	21%	\$2,743,158
Otto Rosenau & Associates	Small Business	.7%	\$93,304
True North	DBE	.7%	\$93,304
Cooper Zietz	DBE	.7%	\$93,304
Med Tox Northwest	DBE	.7%	\$93,304
Planning & Management	Small Business	4%	\$522,506
Urban Forrestry Services	Small Business	.7%	\$93,304
Total		30%	\$3,918,793

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A delay in this action would significantly impact the effective and efficient management and administration of the three construction contracts.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2014-87: Authorized the chief executive officer to execute a contract with HNTB Corporation to provide construction management services for the preconstruction phases of the three Sounder projects, which include Point Defiance Bypass, Tacoma Trestle Track and Signal, and Sounder Yard Expansion, in the amount of \$2,000,000, with a 10% contingency of \$200,000, for a total authorized contract amount not to exceed \$2,200,000.

ENVIRONMENTAL REVIEW

Jl 8/21/2015

LEGAL REVIEW

JW 9/4/2015

MOTION NO. M2015-90

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with HNTB Corporation to provide construction management services for the Point Defiance Bypass, Tacoma Trestle Track & Signal, and Souder Yard Expansion projects, in the amount of \$13,062,658, with contingency of \$437,342, totaling \$13,500,000, for a new total authorized contract amount not to exceed \$15,700,000.

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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 amendment with HNTB Corporation to provide construction management services for the Point Defiance Bypass, Tacoma Trestle Track & Signal, and Sounder Yard Expansion projects, in the amount of \$13,062,658, with contingency of \$437,342, totaling \$13,500,000, for a new total authorized contract amount not to exceed \$15,700,000.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on September 24, 2015.



Dow Constantine
Board Chair

ATTEST:



Kathryn Flores
Board Administrator