



Motion No. M2019-21

Contract Amendment with WSP USA Inc. for Phase 2 Project Development Services for the I-405 Bus Rapid Transit Project

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee	03/14/2019	Final action	Don Billen, PEPD Executive Director Bernard van de Kamp, East Corridor Development Director, PEPD Paul Cornish, Project Director, PEPD

Proposed action

Authorizes the chief executive officer to execute a contract modification with WSP USA Inc. to provide Phase 2 project development services for the I-405 Bus Rapid Transit project in the amount of \$8,185,243 plus \$234,524 in contingency, totaling \$8,419,767, for a new total authorized contract amount not to exceed \$14,843,767.

Key features summary

- The I-405 BRT project is being developed in three phases:
 - Phase 1 – Alternatives Development
 - Phase 2 – Conceptual Engineering and Environmental Review
 - Phase 3 – Preliminary Engineering
- This action funds and authorizes modifying the current contract with WSP USA Inc. for Phase 2 of the I-405 Bus Rapid Transit (BRT) project. The contract with WSP USA Inc. was originally authorized by the Board in February 2018 for Phase 1 work (Motion No. M2018-18), and the contract included options for Phases 2 and 3.
- Phase 2 is expected to take approximately 12 months with completion in mid-2020. Execution of a contract modification for Phase 3 would be subject to future Board approval. Completion for Phase 3 is anticipated by mid-2021.

Background

I-405 BRT

The I-405 BRT Project will plan for BRT service within the I-405 corridor, primarily operating in managed lanes for 37 miles between Lynnwood and Burien. Project development will involve planning and preliminary design of BRT elements, including routes, 11 pairs of BRT stations, and parking facilities.

BRT Bus Operations & Maintenance Facility

The I-405 BRT Project includes a new bus operations and maintenance facility (Bus Base North) in the vicinity of the I-405/SR 522 interchange. This contract will develop the design and project requirements for Bus Base North.

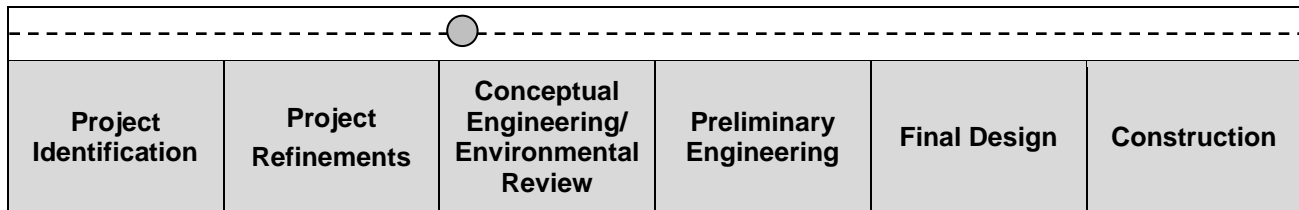
Common Elements

The I-405 BRT Project will also plan programmatic BRT elements, including BRT fleet, rider information/technology integration, and branding that will be used across the BRT system. These common BRT elements will be coordinated with a separate contract that Sound Transit has with another consultant for the SR 522/NE 145th BRT Project.

Analysis to incorporate ST3 common project elements for non-motorized access and transit-oriented development (TOD) planning and sustainability measures will also be conducted, as well as assessment of operational feasibility and risk.

Project refinements to the I-405 BRT ST3 representative project were evaluated for approximately 12 months. The next sequence of work will involve environmental review and conceptual engineering in 2019-2020, followed by selection of the project to be built in mid-2020 by the Sound Transit Board of Directors prior to preliminary engineering. Elements of the BRT program may be delivered earlier using alternative delivery methods to the traditional design-bid-build delivery model. These elements will be brought to the Sound Transit Board of Directors for review and approval.

Project status



Projected completion date for conceptual engineering and environmental review: 1Q 2020

Project scope, schedule and budget summary are located on page 172 of the December 2018 Agency Progress Report.

Procurement information

A Request for Qualifications (RFQ) for three phases of the project development process (Alternatives Development, Conceptual Engineering and Environmental Review, and Preliminary Engineering) was advertised on August 17, 2017. Sound Transit received four Statements of Qualifications (SOQs) on September 18, 2017. The SOQs were reviewed and evaluated according to the evaluation criteria: Firm Experience and History, Knowledge and Experience of Key Individuals, Capacity and Project Organization, Project Understanding and Approach, Good Faith Efforts and Commitment to DBEs and other Small Businesses, and Equal Employment Opportunity (EEO) Commitment.

Based on these evaluations, WSP USA Inc. was determined to be the highest ranked firm based on qualifications and was invited to enter into negotiations for the contract. Sound Transit executed the contract with WSP USA Inc. on March 1, 2018.

Fiscal information

This action is within the authorized project allocation to date and sufficient monies remain after approval of the action to fund the remaining work in the preliminary engineering phase as contained in the current cost estimates.

The authorized project allocation to date for the I-405 Bus Rapid Transit project is \$250,743,000. Within the preliminary engineering phase, \$19,607,000 has been allocated to the budget line item for environmental assessment. The proposed action would commit \$8,419,767 to this line item and leave a remaining budget balance of \$4,763,233.

I-405 Bus Rapid Transit Project

(in thousands)

Project Phase	Authorized Project Allocation to Date	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$13,673	\$2,255	\$	\$2,255	\$11,418
Preliminary Engineering	36,730	22,261	8,420	30,681	6,049
Final Design	3,750				3,750
Third Party Agreements	1,000	306		306	694
Right of Way	65,350	580		580	64,770
Construction	130,240	118,400		118,400	11,840
Construction Services	0				
Total Current Budget	\$250,743	\$143,803	\$8,420	\$152,223	\$98,520
Phase Detail - Preliminary Engineering					
Environmental Assessment	\$19,607	\$6,424	\$8,420	\$14,844	\$4,763
Other Preliminary Engineering	17,123	15,837		15,837	1,286
Total Phase	\$36,730	\$22,261	\$8,420	\$30,681	\$6,049

Contract Details	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
WSP USA Inc				
Contract Amount	\$5,840	\$5,840	\$8,185	\$14,025
Contingency Amount	\$584	\$584	235	819
Total Contract Amount	\$5,840	\$5,840	\$8,420	\$14,844
Percent Contingency	10%	10%	3%	6%

Notes:

Amounts are expressed in Year of Expenditure.

Board Approvals = Committed To-Date + Contingency as of Jan 2019, and includes pending Board actions.

For detailed project information, see page 136 of the 2019 Financial Plan & Proposed Budget.

Disadvantaged and Small Business Participation

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Small Business and DBE 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.

The following goals were set by Sound Transit and WSP USA Inc. has committed to the following Disadvantaged and Small Business Enterprises participation for the entire contract, including phases 1, 2, and 3.

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 17%	Small business commitment: 22%
DBE goal: 7%	DBE commitment: 9.35%

For Phases 1 and 2 of the contract, WSP USA Inc. has committed to the following Disadvantaged and Small Business participation:

Subconsultant/Subcontractor	Business Type	% of Commitment
1 Alliance Geomatics	DBE	1.6%
3 Square Blocks	DBE	1%
All Traffic Data	DBE	.25%
Casseday Consulting	DBE	.50%
Concord Engineering	DBE	1.50%
Envirolssues	DBE	2%
HWA GeoSciences	DBE	1%
Westby Consulting	SBE	.50%
Transportation Consulting Services	DBE	1%
PIVOT Architecture	SBE	6%
Tierra Right of Way	SBE	1%
Total		22%

Public involvement

Sound Transit is committed to pro-actively seeking public feedback during all stages of the I-405 BRT Project. The overarching goals for the stakeholder involvement program will be to foster public trust and build relationships through transparent communication, meaningful involvement, and responsiveness to questions and comments. The project will continue to engage communities along the I-405 corridor during phase two, including local and elected leaders, agency partners, businesses, residents, and other stakeholders to help shape the program. Sound Transit's open, inclusive, and ongoing stakeholder involvement program will include a variety of tools and techniques to inform and engage the public.

Sound Transit's Community Engagement and Communications Plan will describe the public participation opportunities that will be conducted during phase two, including public meetings, charrettes, briefings, project website, printed materials, project hotline, dedicated outreach staff, and other tools to engage the public. Work with the I-405 BRT Elected Leadership and Interagency groups will continue as part of the engagement process with local and elected leaders and agency partners.

In addition to Sound Transit staff who will be leading this effort, consultant resources will be required to ensure the extensive level of outreach associated with the project is completed successfully and in accordance with project milestones.

Time constraints

A one-month delay would not create a significant impact to the project schedule.

Prior Board/Committee actions

Motion No. M2018-18: Authorized the chief executive officer to execute a contract with WSP USA Inc. to provide project development services for the I-405 Bus Rapid Transit project in the amount of \$5,840,000, with a 10% contingency of \$584,000, for a total not to exceed amount of \$6,424,000.

Environmental review – KH 03/07/19

Legal review – JW 03/07/19



Motion No. M2019-21

A motion of the System Expansion Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract modification with WSP USA Inc. to provide Phase 2 project development services for the I-405 Bus Rapid Transit project in the amount of \$8,185,243 plus \$234,524 in contingency, totaling \$8,419,767, for a new total authorized contract amount not to exceed \$14,843,767.

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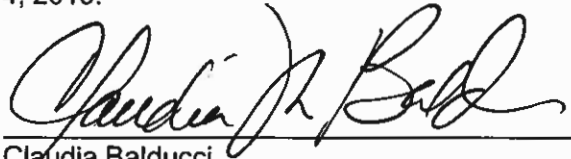
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Motion

It is hereby moved by the System Expansion Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract modification with WSP USA Inc. to provide Phase 2 project development services for the I-405 Bus Rapid Transit project in the amount of \$8,185,243 plus \$234,524 in contingency, totaling \$8,419,767, for a new total authorized contract amount not to exceed \$14,843,767.

APPROVED by the System Expansion Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on March 14, 2019.



Claudia Balducci
System Expansion Committee Chair

Attest:



Kathryn Flores
Board Administrator