



MOTION NO. M2018-18

**Project Development Services for the I-405 Bus Rapid Transit Project**

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	02/08/2018	Recommend to Board	Don Billen, Acting PEPD Executive Director Bernard van de Kamp, East Corridor Development Director, PEPD
Board	02/22/2018	Final Action	<b>Paul Cornish, BRT Program Director – PEPD</b>

PROPOSED ACTION

Authorizes 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.

KEY FEATURES SUMMARY

- This action establishes the consultant services contract for the first of the following three phases of project development:
  - Phase 1 – Alternatives Development (this action).
  - Phase 2 – Conceptual Engineering and Environmental Review (future action).
  - Phase 3 – Preliminary Engineering (future action).
- This action funds and authorizes execution of a contract with WSP USA Inc. for Phase 1 of the I-405 Bus Rapid Transit (BRT) project.
- The contract includes options to negotiate future amendments for the completion of Phases 2 and 3. Execution of contract amendments for Phases 2 and 3 would be subject to future Board approval.
- Phase 1 is expected to take approximately 12 months to complete. Completion of all three phases is anticipated by 2021.
- Sound Transit will manage the I-405 BRT and SR 522/SR 523 BRT projects concurrently to develop a seamless BRT program, including implementation of the common elements that span across corridors.

BACKGROUND

Funding for the I-405 Bus Rapid Transit (BRT) project was approved by voters under the ST3 Plan. The project includes the following two representative ST3 Plan projects:

I-405 BRT

The purpose of this project is to develop BRT within the I-405 corridor, primarily operating in managed lanes for 37 miles between Lynnwood and Burien. I-405 BRT project development will involve planning, design, and implementation of BRT elements including the BRT route, 11 BRT stations, a new transit center, bus-only lanes, and parking facilities. Vehicle procurement, rider information, technology integration, and branding are also included; this work will be coordinated with the SR 522/523 BRT project.

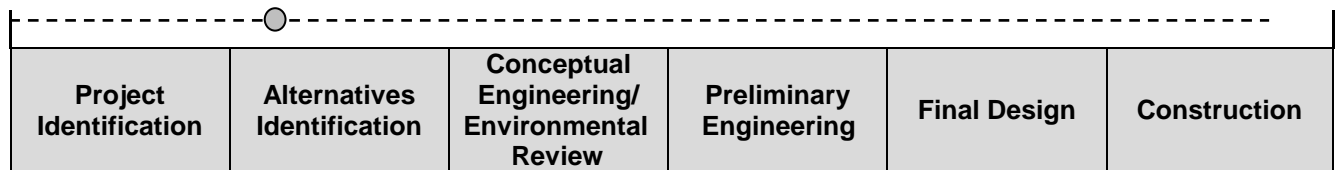
## BRT Bus Operations & Maintenance Facility

The purpose of this project is to construct a new bus operations and maintenance facility to accommodate the bus fleet required for BRT. The facility will be located in the vicinity of the intersection of the I-405 and SR 522 corridors in the vicinity of Bothell.

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.

The general sequence of work will involve alternatives development leading to Sound Transit Board identification of the Preferred Alternative in early 2019, followed by Environmental Review and Conceptual Engineering in 2019, selection of the project to be built in early 2020, and state and/or federal concurrence as needed.

### PROJECT STATUS



Projected completion date for alternatives development and identification of a preferred alternative: 1Q 2019

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

Project scope, schedule, and budget summary located on page 131 of the September 2017 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 per the criteria in the RFQ: 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, four submitters were invited for interviews. WSP USA Inc. was determined to be the highest ranked firm based on qualifications and was invited to enter into negotiations for the contract.

## 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 \$88,053,000. Within that amount \$28,980,000 has been allocated to the preliminary engineering phase. The proposed action would commit \$6,424,000 to this line item and leave a remaining phase budget of \$22,556,000.

### I-405 Bus Rapid Transit Project

(in thousands)

Project Phase	2018 Authorized Project Allocation to Date	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$13,673	\$1	\$	\$1	\$13,672
Preliminary Engineering	28,980		6,424	6,424	22,556
Third Parties	350	306		306	44
Right of Way	45,050	464		464	44,586
Construction					
<b>Total Current Budget</b>	<b>\$88,053</b>	<b>\$771</b>	<b>\$6,424</b>	<b>\$7,195</b>	<b>\$80,858</b>

#### Phase Detail - Preliminary Engineering

Environmental Assessment	\$22,932	\$	\$6,424	\$6,424	\$16,508
Other Preliminary Engineering Work	\$6,048				\$6,048
<b>Total Phase</b>	<b>\$28,980</b>	<b>\$</b>	<b>\$6,424</b>	<b>\$6,424</b>	<b>\$22,556</b>

WSP USA, Inc. Contract Details	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	\$	\$	\$5,840	\$5,840
Contingency Amount			584	\$584
<b>Total Contract Amount</b>	<b>\$</b>	<b>\$</b>	<b>\$6,424</b>	<b>\$6,424</b>
Percent Contingency	0%	0%	10%	10%

#### Notes:

Amounts are expressed in Year of Expenditure.

Board Approvals = Committed To-Date + Contingency as of January 30th, 2018, and includes pending Board actions.

For detailed project information, see page 50 of the Proposed 2018 Transit Improvement Plan (TIP).

## SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

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:

#### Sound Transit Goal:

Small Business: 17%

DBE: 7%

#### Commitment:

Small Business: 22%

DBE: 8.5%

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

<b>Subconsultant/Subcontractor</b>	<b>Business Type</b>	<b>% of Commitment</b>
1 Alliance Geomatics	SBE	1.6%
3 Square Blocks	DBE	1%
All Traffic Data	DBE	.25%
Casseday Consulting	DBE	.50%
Concord Engineering	DBE	1.50%
EnviroIssues	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%
<b>Total</b>		<b>22%</b>

## 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 comments. The project will engage communities along the I-405 corridor, 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 the project, including public meetings, charrettes, briefings, project website, printed materials, project hotline, dedicated outreach staff, and other tools to engage the public.

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.

## ENVIRONMENTAL REVIEW

KH 2/2/18

## LEGAL REVIEW

AJP 2/2/18

**MOTION NO. M2018-18**

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

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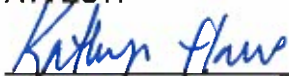
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with WSP USA Inc. to provide project development services for the I-405 Bus Rapid Transit project in the amount of \$5,840,000, with a 10% contingency of \$584,000, for a total not to exceed amount of \$6,424,000.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on February 22, 2018.



Dave Somers  
Board Chair

ATTEST:



Kathryn Flores  
Board Administrator