



## Motion No. M2023-29

### Contract for the Digital Passenger Information Management Systems Consulting Program Manager Services with Applied Technical Systems, Inc.

Meeting:	Date:	Type of action:	Staff contact:
Rider Experience & Operations Committee	04/06/2023	Final action	Jason Weiss, Chief Information Officer Paula Mendoza, Deputy Executive Director of Portfolio Management & Controls <b>David Ginsberg, Deputy Director of Program Management Office - ITS</b>

### Proposed action

Authorizes the chief executive officer to execute a two-year contract, with three one-year options to extend, with Applied Technical Systems, Inc. for program management consulting services for the Digital Passenger Information Management Systems program, for a total authorized contract amount not to exceed \$2,100,000.

### Key features summary

- This contract will provide Consulting Program Manager services, currently provided by a temporary contractor, to lead a cross-departmental project to design, build, and implement Sound Transit's next generation integrated Passenger Information Management Systems program (PIMS) across multiple transit modes, including related underlying control systems. PIMS is being delivered concurrently with the system expansion projects.
- The term of the contract will be for two years, with the expectation that the system expansion schedules do not change significantly, and effective upon the date of contract execution. This contract may be extended for three one-year options at Sound Transit's sole discretion.
- The Consulting Program Manager will provide oversight of the project team, vendors, and consultants engaged in implementing an integrated, end-to-end passenger information system and real-time customer information data platform.
- The amount requested is expected to fund the two-year contract and three one-year options.

### Background

A passenger information system is the key communications link between a transit agency and its riders. It vastly improves the transit experience for riders and streamlines work for agency employees.

Today, Link and Sounder maintain separate passenger information systems, both of which are at end of life. The legacy GE system used by Link is not scalable to adding a second light rail line, and neither system is able to provide timely, accurate, consistent rider information to meet customer expectations. In addition, there are unmet needs for rider information at Tacoma Link.

The Passenger Information Management Systems (PIMS) Program will replace these end-of-life passenger information systems with an enterprise solution covering Link, Sounder and Tacoma Link, capable of serving customers via multiple digital channels. PIMS will be built for the future, with modular components and an open design capable of future enhancements, including the addition of Bus Rapid Transit and support for parking.

Sound Transit passengers expect timely, accurate and dynamic information at all stages of their journeys, through a variety of media. The PIMS Program will create and manage a system to allow Sound Transit to provide our passengers with the information they need to get where they're going, when and where they need it.

## Procurement information

On November 18, 2022, Sound Transit issued a Request for Proposals for PIMS Program Manager Consulting Services. Sound Transit received four submittals on 12/30/2022 in response to the solicitation.

The Evaluation committee members were provided with the Proposals and evaluated the firms using the evaluation criteria provided in the RFP. Applied Technical Systems, Inc. ("ATS"), was identified as the most top-ranked proposer and their price was deemed fair and reasonable.

## Fiscal information

This action is within the authorized project allocation and sufficient funds remain after the approval of this action to fund the remaining work in the construction phase. This action does not impact the affordability of any other project.

The authorized project allocation for the Passenger Information Management System (PIMS) is \$49,576,000. Within the construction phase \$2,200,000 has been allocated for consultant services for program management. The action would commit \$2,100,000, leaving a budget balance of \$100,000.

### Passenger Information Management System

(in thousands)

Project Phase	Authorized Project Allocation	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Operations & Maintenance	\$4,344	\$4,300		\$4,300	\$44
Administration	6,546	681		681	5,865
Preliminary Engineering					
Final Design					
Third Party					
Right-of-way					
Construction	38,686	36,439	2,100	38,539	147
Construction Services					
Vehicles					
Project Contingency					
<b>Total Current Budget</b>	<b>\$49,576</b>	<b>\$41,420</b>	<b>\$2,100</b>	<b>\$43,520</b>	<b>\$6,056</b>
<b>Phase Detail</b>					
<b>Construction</b>					
Program Mgmt - Consultant Services	\$2,200	\$	\$2,100	\$2,100	\$100
Other Construction	36,486	36,439		36,439	47
<b>Total Phase</b>	<b>\$38,686</b>	<b>\$36,439</b>	<b>\$2,100</b>	<b>\$38,539</b>	<b>\$147</b>
<b>Contract Detail</b>					
<b>Applied Technical Systems Inc</b>	<b>Board Approvals to Date</b>	<b>Current Approved Contract Status</b>	<b>Proposed Action</b>	<b>Proposed Total for Board Approval</b>	
Contract Amount	\$	\$	\$2,100	\$2,100	
Contingency					
<b>Total</b>	<b>\$</b>	<b>\$</b>	<b>\$2,100</b>	<b>\$2,100</b>	
Estimated Taxes	\$	\$	\$	\$	
Percent Contingency	0%	0%	0%	0%	

Notes:

Amounts are expressed in Year of Expenditure.

Board Approvals = Committed To-Date + Contingency as of February 2023 and includes pending Board actions.

For detailed project information, see page 170 of 210 of the 2023 Financial Plan & Adopted Budget.

## **Disadvantaged and small business participation**

### **Participation by small businesses and disadvantaged business enterprises (DBEs)**

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/agreement and the number of small businesses/DBEs available to perform such subcontracting work.

Provided that this solicitation is federalized, Sound Transit assessed the procurement for DBE inclusion. However, it was determined that there were few subcontracting opportunities based upon the work described in this contract/agreement. As such, DBE goals were not established for this solicitation.

### **Public involvement**

Not applicable to this action.

### **Time constraints**

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

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**Environmental review** – KH 3/6/23

**Legal review** – DLM 3/24/2023



## **Motion No. M2023-29**

A motion of the Rider Experience and Operations Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a two-year contract, with three one-year options to extend, with Applied Technical Systems, Inc. for program management consulting services for the Digital Passenger Information Management Systems program, for a total authorized contract amount not to exceed \$2,100,000.

### **Background**

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The amount requested is expected to fund the two-year contract and three one-year options.

**Motion**

It is hereby moved by the Rider Experience and Operations Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a two-year contract, with three one-year options to extend, with Applied Technical Systems, Inc. for program management consulting services for the Digital Passenger Information Management Systems program, for a total authorized contract amount not to exceed \$2,100,000.

APPROVED by the Rider Experience and Operations Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on \_\_\_\_\_.

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Kristina Walker  
Rider Experience and Operations Chair

**Attest:**

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Kathryn Flores  
Board Administrator