

SOUND TRANSIT

MOTION NO. M98-42

**Amending Contract No. RTA/CR 28-97, to Refine Public Domain Fare Vending and Validation Equipment Specifications
BACKGROUND AND COMMENTS**

| Meeting: | Date: | Type of Action: | Staff Contact: | Phone: |
|--------------------------|---------------|-----------------------------------|---|------------------------------|
| Finance Committee | 6/4/98 | Discussion/Possible Action | Agnes Govern, Director, Regional Express Barbara Gilliland, Program Manager, Systems Integration | 684-1673 684-1630 |

ACTION:

Amend Contract No. RTA/CR 28-97, to Refine Public Domain Fare Vending and Validation Equipment Specifications for additional work related to the development of specifications and bid documents for the Regional Fare Coordination System (the Project) in the amount of \$151,614.

BACKGROUND:

Participants in the Regional Fare Coordination System project have recently completed the Phase 1 analysis and development of a regional smart card system for the Puget Sound. This work was completed with the following agencies: King County Metro (Project Manager); Pierce Transit; Community Transit; Everett Transit; Kitsap Transit; Washington State Ferries; and with Puget Sound Regional Council and Sound Transit as planning partners.

At the conclusion of this work, the transit agencies, and PSRC as a planning partner decided to move forward with the development of specifications and proposals to further identify and evaluate the cost of implementing this system. At this point, Sound Transit became a fully contributing member in this project.

Several firms with existing contracts competitively procured by the participants were interviewed to complete the development of the Phase 2 and 3 work program. It was decided that the project would move forward with a team that consisted of the IBI Group, who had completed the Phase 1 work, and Booz-Allen & Hamilton Ltd. Booz-Allen & Hamilton has extensive experience in the area of fare collection development and more recent experience in the development of the smart card system in the San Francisco Bay area. The change order proposed in this resolution is to Sound Transit's existing contract for the development of fare vending machine specifications for commuter rail and light rail. This change is consistent with the original scope for this contract.

The above amount represents the total amount for work Booz-Allen & Hamilton will provide on the development of Phase 2 and 3 of the Regional Fare Coordination System. This cost will be shared by all the agencies participating in this contract. The above agencies will enter into a

System Procurement Agreement for the Regional Fare Coordination Project establishing contract administration procedures and a method of reimbursement of contract costs to Sound Transit and King County Metro.

RELEVANT BOARD POLICIES AND PREVIOUS ACTIONS TAKEN:

- Executive Director approves Contract No. RTA/CR 28-97, for consulting services to Refine Public Domain Fare Vending and Validation Equipment Specifications.
- Adoption of Motion No. M98-29 approving a fare vending machine specification for bids.
- Adoption of Fiscal Year 1998 Budget authorizing expenditures from the Research and Technology Fund.

KEY FEATURES:

- Adds work to the existing contract with Booz-Allen & Hamilton for Fare Vending and Validation Equipment Specifications, to assist in the development of specifications for the Regional Fare Coordination System.
- Project costs to be shared between seven transit agencies as outlined in the System Procurement Agreement for the Regional Fare Coordination Project.

FUNDING:

The cost of this additional work will be shared among the seven transit agencies working on this project. Sound Transit costs related to the work on this contract will total \$9,694.20 out of the \$151,614. Sound Transit will be reimbursed through King County Metro, who operates as the Project Manager, on behalf of all the transit agencies. Total project costs, including work performed by IBI through the King County Metro contract, for Sound Transit for Phase 2 and 3 work on the Regional Fare Coordination System will be approximately \$57,000.

EXECUTIVE SUMMARY:

Scope of work: This contract amendment will provide three services in the development of specifications for procurement on the Regional Fare Coordination System:

1. System Equipment. Describe the functional and performance requirements of all system equipment including installation, location, and testing requirements.
2. System Implementation and Planning. Describe the criteria and parameters, by agency, that will be necessary to implement, test, and operate the Regional Fare Coordination System.
3. Peer Review. Review and comment on system specifications at key stages based on experience gained on similar engagements.

Procurement and selection process: Three firms were interviewed to provide additional support for the development of specifications and procurement documentation. A combination of talents was selected based upon experience and knowledge of the area, the agencies and issues involved, and recent experience in specification development for this type of fare collection system.

M/W/DBE participation: Due to the highly specialized nature, limited scope, and relatively new introduction of the Smart Card into the transit industry; no M/W/DBE firms are proposed on this

portion of the project. There is M/W/DBE sub-consultant participation associated with the main part of the project through the IBI Group.

Cost: The total project cost of \$57,000 is included in the Research and Technology budget.

ALTERNATIVES:

Do not approve this change order. This will require either King County Metro or another transit agency to develop a contract with Booz-Allen & Hamilton to complete the work as specified. Worse case is the transit agencies would need to initiate a new procurement. Either scenario will delay the development of this project.

CONSEQUENCES OF DELAY:

Delay of this addition to the Booz-Allen & Hamilton contract could delay the project and affect the schedule for specification development. This project is important to Sound Transit in order to purchase Fare Vending Equipment and implement a more permanent solution for revenue reconciliation associated with fare integration program.

SOUND TRANSIT

MOTION NO. M98-42

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority to amend Contract No. RTA/CR 28-97 with Booz-Allen & Hamilton Ltd. for work to further the development of the Regional Fare Coordination System, in an amount not to exceed one hundred fifty-one thousand six hundred fourteen dollars (\$151,614).

BACKGROUND:

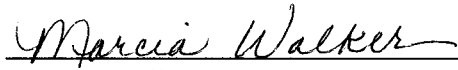
Pierce Transit, Community Transit, Everett Transit, Kitsap Transit, Sound Transit, the Washington State Ferries, and the Puget Sound Regional Council, under the project management of King County Metro, have been working together in the development of a Regional Fare Coordination System. These agencies agreed to continue the development of that system through the development of specifications and bids to gain greater understanding of project costs and benefits. The IBI Group and Booz-Allen & Hamilton Limited were selected to complete Phase 2 and 3 of the system development. King County Metro, as the Project Manager, and the other agencies agree to reimburse Sound Transit for expenses related to this work in excess of Sound Transit's proportional share of the project costs.

MOTION:

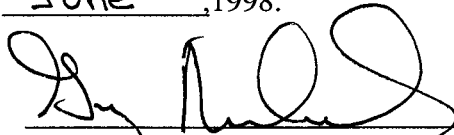
It is hereby moved by the Finance Committee of the Central Puget Sound Regional Transit Authority that the Executive Director is hereby authorized to amend Contract No. RTA/CR 28-97 with Booz-Allen & Hamilton Ltd for work to further the development of the Regional Fare Coordination System, in an amount not to exceed one hundred fifty-one thousand six hundred fourteen dollars (\$151,614).

Approved by the Finance Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on the 4th day of June, 1998.

ATTEST:



Marcia Walker
Board Administrator



Greg Nickels
Finance Committee Chair