



Agenda Item No. 1

To: Building and Operating Committee/Committee of the Whole  
Meeting of October 26, 2006

From: Alan R. Zahradnik, Director of Planning  
Teri Mantony, Deputy General Manager, Administration & Development  
Kary Witt, Deputy General Manager, Bridge Division  
Sue Chiaroni, Deputy General Manager, Bus Division  
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Subject: **AUTHORIZE EXECUTION OF A PROFESSIONAL SERVICES AGREEMENT WITH BOOZ ALLEN HAMILTON, INC., RELATIVE TO CONTRACT NO. 2007-BT-1, CONSULTANT TO PROVIDE DESIGN SERVICES FOR RADIO REPLACEMENT AND INTELLIGENT TRANSPORTATION SYSTEM**

**Recommendation**

The Building and Operating Committee recommends that the Board of Directors authorize execution of a Professional Services Agreement (PSA) with Booz Allen Hamilton, Inc., relative to Contract No. 2007-BT-1, *Consultant to Provide Design Services for Radio Replacement and Intelligent Transportation System*, in an amount not to exceed \$571,173, with the understanding that sufficient funds to finance this PSA are available in the FY 2006/2007 Bus Division Capital Budget.

This matter will be presented to the Board of Directors at its October 27, 2006, meeting for appropriate action.

**Summary**

The approved District capital plan includes a \$10 million project to replace the existing radio system used by Bridge, Bus and Ferry divisions for daily communications due to the age of the system and the increasing challenges to maintain obsolete equipment and assure reliable communications required for safe, secure and effective service delivery. With the replacement of the radio system, new intelligent transportation system (ITS) technologies afford the District an opportunity to improve information gathering, use and distribution, which could increase service performance and enhance customer services.

For example, computer-aided dispatch/automatic vehicle location (CAD/AVL) systems are available with new radio systems to assist staff with improving bus on-time performance and reliability of transfer connections and can enable bus service information to be communicated to

customers more effectively. In consideration of new federal guidelines on ITS projects, District staff developed a Concept of Operations (ConOps) for the Radio Replacement project which described the particular circumstances, needs and desires of the District for improvements in the functional areas relating to its radio communications. The FTA provided technical assistance in this effort through its consultant Booz Allen Hamilton, Inc. (BAH). All relevant data reviewed by FTA's consultant was included in the ConOps document, attached to the Request for Proposals (RFP) for all proposers.

On June 16, 2006, District staff issued the RFP for consultant services to design, procure and implement the radio replacement and intelligent transportation system project. In general, the scope of consultant services sought by the District is divided into three phases:

- Phase 1 – evaluating radio and ITS options and recommending a project scope that meets District needs and budget constraints; designing the new radio and ITS system.
- Phase 2 – preparing specifications and bid documents; assisting with vendor evaluation and selection.
- Phase 3 – providing vendor implementation services to assist District staff in bringing the new radio and ITS systems on-line and performing in accordance with specifications. This last phase was identified as an option to be exercised upon completion of Phase 2 and at the District's discretion.

By July 14, the District Secretary received five written proposals. The written proposals were reviewed by an evaluation panel of six District staff members. One of the five proposing consultant teams was removed from further consideration as not being cost competitive. Four consultant teams were interviewed early in September. After interviews and an evaluation, two more consultant teams were removed as not being cost competitive. The remaining two consultants were evaluated and ranked using criteria prescribed in the RFP to determine the best qualified consultant. The criteria included qualifications of the firms and individuals assigned to the project, experience on similar projects, understanding of the project, approach to providing the scope of project services, demonstrated capabilities to perform the prescribed work, and cost proposal. The final ranking of the consultants is as follows:

1. Booz Allen Hamilton, Inc.
2. Macro Corporation

District management concurs with the findings of the evaluation panel and recommends award of the contract to BAH. Although BAH's cost proposal was higher than Macro Corporation, the BAH proposal offered more hours at a lower hourly rate, demonstrating a higher time commitment that seems reasonable for the work required. Moreover, the evaluation panel found that BAH's project team members offered expert leadership and experience, having recently led and successfully implemented a similar radio/ITS system at Santa Clara Valley Transportation Authority.

No specific Disadvantaged Business Enterprise goal was established for this contract. However, the District's DBE Administrator has determined that BAH included 8% DBE participation in their proposal.

**Fiscal Impact**

The estimated cost of these professional services is \$571,173. This project is included in the FY 2006/2007 Bus Division Capital Budget at a total cost of \$10 million and is funded with \$5.4 million FTA funds and \$4.6 million District funds (54% Federal/46% District). Additional FTA funds in the amount \$2.5 million are currently programmed to this project. Once these funds are secured in a federal grant, the District's share will be reduced by \$2.5 million, and the project will be 79% Federal/21% District funded.