

**SOUND TRANSIT  
STAFF REPORT**

**MOTION NO. M2008-35**

**Contract for Switch and Signal Maintenance Services**

| <b>Meeting:</b>   | <b>Date:</b> | <b>Type of Action:</b>     | <b>Staff Contact:</b>  | <b>Phone:</b>  |
|-------------------|--------------|----------------------------|--|----------------|
| Finance Committee | 3/20/08      | Postponed                  | Bonnie Todd, Director of Transportation Services                 | (206) 398-5367 |
| Finance Committee | 4/3/08       | Discussion/Possible Action | <b>Martin Young,<br/>Program Manager,<br/>Sounder Operations</b> | (206) 398-5115 |

| <b>Contract/Agreement Type:</b>      | <input checked="" type="checkbox"/> | <b>Requested Action:</b>          | <input checked="" type="checkbox"/> |
|--------------------------------------|-------------------------------------|-----------------------------------|-------------------------------------|
| Competitive Procurement              | <input checked="" type="checkbox"/> | Execute New Contract/Agreement    | <input checked="" type="checkbox"/> |
| Sole Source                          | <input type="checkbox"/>            | Amend Existing Contract/Agreement | <input type="checkbox"/>            |
| Agreement with Other Jurisdiction(s) | <input type="checkbox"/>            | Budget Amendment                  | <input type="checkbox"/>            |
| Real Estate                          | <input type="checkbox"/>            | Property Acquisition              | <input type="checkbox"/>            |

**PROJECT NAME**

Sounder Commuter Rail Switch and Signal Maintenance Services

**PROPOSED ACTION**

Authorizes the chief executive officer to execute a three-year contract with two one-year options to extend with Midvale Electric, Inc. to provide switch and signal maintenance and inspection services for right of way system equipment used by Sounder Commuter Rail for a total authorized contract amount not to exceed \$841,709.

**KEY FEATURES of PROPOSED ACTION**

- This action will provide Sound Transit with the technical services necessary to perform rail switch and signal maintenance and inspections between Reservation Junction and the Sounder Station at Freighthouse Square in Tacoma.
- The contract scope of work specifically includes the required monthly signal and switch testing required by the Federal Railroad Administration, ensuring switch operability when cold weather and snow could be factors in system delays, along with the provision of spare parts.
- Also included are on-call services for ad hoc needs relating to fiber optic and electrical projects supporting the high-technology features at stations.
- The full-term contract with Midvale Electric, Inc. provides for a three-year term with two options to extend the contract for one year each. The contract amount is anticipated to be sufficient for the initial contract and both options.

## **BUDGET IMPACT SUMMARY**

There is no action outside of the Board-adopted budget; there are no contingency funds required, no subarea impacts, or funding required from other parties other than what is already assumed in the financial plan.

## **BUDGET and FINANCIAL PLAN DISCUSSION**

The total amount of the proposed contract is \$841,709 and will be funded through the Sounder Commuter Rail transit operations budget. The Adopted 2008 Budget for Sounder Commuter Rail Services is \$13,491,247 for the year. Within that amount, \$291,480 has been set aside for Maintenance of Way, including switch and signal maintenance services. The estimated spending for the proposed contract in 2008 is \$157,248 and is affordable within the Maintenance of Way budget. The future spending will be included in the Sounder transit operations budget for services in years beyond 2008.

## **BUDGET TABLE**

The proposed action will be funded by the Sounder transit operations budget, which was detailed on page 55 of the Proposed Budget Book (Resolution No. R2007-25, 2008 Budget Amendment #2 reduced Miscellaneous Services from \$865K to \$775K). The impact of this action on the budget is illustrated below:

### **Summary for Board Action (X \$1,000)**

**Action Item: Execute a contract with Midvale Electric, Inc to provide switch and signal maintenance and inspection services for facilities used by Sounder Commuter Rail.**

|                                | Adopted 2008 Budget | Spent to date in 2008 | Contract Expenditures 2008 | Remaining 2008 Budget |
|--------------------------------|---------------------|-----------------------|----------------------------|-----------------------|
| <b>Current Year Budget</b>     |                     |                       |                            |                       |
| Sounder Maintenance Way budget | \$ 291              | \$ -                  | \$ 157                     | \$ 134                |
| Sounder service budget, others | \$ 13,200           | \$ -                  | \$ -                       | \$ 13,200             |
| <b>Total</b>                   | <b>\$ 13,491</b>    | <b>\$ -</b>           | <b>\$ 157</b>              | <b>\$ 13,334</b>      |

### **Budget Shortfall**

| Level | Shortfall | Resources | Funding Source |
|-------|-----------|-----------|----------------|
| N/A   | \$ -      | \$ -      | N/A            |

| Contract Spending Plan | Prior Year(s) Spending | 2008 Spending | Future Expenditures | Total         |
|------------------------|------------------------|---------------|---------------------|---------------|
| Midvale Electric, Inc  | \$ -                   | \$ 157        | \$ 685              | \$ 842        |
| Others                 | \$ -                   | \$ -          | \$ -                | \$ -          |
| <b>Total</b>           | <b>\$ -</b>            | <b>\$ 157</b> | <b>\$ 685</b>       | <b>\$ 842</b> |

| Contract Budget       | Current Approved Contract Value | Spent to Date | Proposed Action | Proposed Total Contract Value |
|-----------------------|---------------------------------|---------------|-----------------|-------------------------------|
| Midvale Electric, Inc | \$ -                            | \$ -          | \$ 842          | \$ 842                        |
| Contingency           | \$ -                            | \$ -          | \$ -            | \$ -                          |
| <b>Total Contract</b> | <b>\$ -</b>                     | <b>\$ -</b>   | <b>\$ 842</b>   | <b>\$ 842</b>                 |
| Percent Contingency   | -                               | -             | 0%              | 0%                            |

## **SMALL BUSINESS PARTICIPATION**

Midvale Electric, Inc. is a woman owned small business and will perform 90% of the work for this contract. Midvale Electric is committed to an additional 10% in Small Business participation, making this contract 100% performed by small business enterprises.

| <b>Subcontractor</b> | <b>Business Type</b> | <b>% of Work</b> | <b>Dollar Value</b> |
|----------------------|----------------------|------------------|---------------------|
| Monterrey Electric   | DBE                  | 10%              | \$ 75,000           |
| <b>Total</b>         |                      | <b>10%</b>       | <b>\$ 75,000</b>    |

### **EEO Commitment**

Workforce demographics for the project team are 17% women and 17% minorities. Midvale Electric has committed to uphold all applicable state and federal EEO rules and regulations.

## **PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION**

Sounder began operating train service to the permanent Tacoma Dome station in 2003, after three years at the temporary BNSF station. As part of the agreement with Tacoma Rail, Sound Transit had constructed a new track and signal infrastructure on the 1.3-mile segment Tacoma Rail owns between Reservation Junction and Freighthouse Square at the Tacoma Dome Station. The new infrastructure includes ten electric switches and five signals, which enable Sounder to run entirely with centralized traffic control dispatched by BNSF from Fort Worth, Texas, making this section in Tacoma consistent with the rest of the Sounder signal system. These features require routine and ad-hoc maintenance as well as regular federally required inspections. Although Tacoma Rail is the owner of the right-of-way over which most of these services will be performed, by agreement with the City of Tacoma, it is the responsibility of Sound Transit to maintain the features of the track and signal system that have been constructed that meet the unique needs of passenger rail.

Sound Transit competitively procured these technical services and selected Midvale Electric as the best value among submitted proposals. Midvale Electric was a subcontractor to General Electric Transportation Systems in performing the installation of this signal and fiber optic based communications system in 2003. They have also been responsible for the switch and signal maintenance and inspection on this corridor, through a previous competitive procurement process.

In addition to the routine maintenance and inspections referenced, Midvale Electric would also perform occasional electrical and fiber optic services work associated with Sounder's closed circuit television, public announcement, and variable message signage systems as well as layover yard equipment services work along the service corridor.

### **Prior Board/Committee Actions**

None.

### **CONSEQUENCES of DELAY**

A delay beyond April could negatively impact our ability to meet switch and signal maintenance needs.

**PUBLIC INVOLVEMENT**

Not applicable to this action.

**ENVIRONMENTAL COMPLIANCE**

PW 3/7/08

**LEGAL REVIEW**

JW 3/12/08

## **SOUND TRANSIT**

### **MOTION NO. M2008-35**

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a three-year contract with two one-year options to extend with Midvale Electric, Inc. to provide switch and signal maintenance and inspection services for right of way system equipment used by Sounder Commuter Rail for a total authorized contract amount not to exceed \$841,709.

#### **Background:**

Sounder began operating train service to the permanent Tacoma Dome station in 2003, after three years at the temporary BNSF station. As part of the agreement with Tacoma Rail, Sound Transit had constructed a new track and signal infrastructure on the 1.3-mile segment Tacoma Rail owns between Reservation Junction and Freighthouse Square at the Tacoma Dome Station. The new infrastructure includes ten electric switches and five signals, which enable Sounder to run entirely with centralized traffic control dispatched by BNSF from Fort Worth, Texas, making this section in Tacoma consistent with the rest of the Sounder signal system. These features require routine and ad-hoc maintenance as well as regular federally required inspections. Although Tacoma Rail is the owner of the right-of-way over which most of these services will be performed, by agreement with the City of Tacoma, it is the responsibility of Sound Transit to maintain the features of the track and signal system that have been constructed that meet the unique needs of passenger rail.

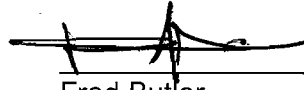
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In addition to the routine maintenance and inspections referenced, Midvale Electric would also perform occasional electrical and fiber optic services work associated with Sounder's closed circuit television, public announcement, and variable message signage systems as well as layover yard equipment services work along the service corridor.

#### **Motion:**

It is hereby moved by the Finance Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a three-year contract with two one-year options to extend with Midvale Electric, Inc. to provide switch and signal maintenance and inspection services for right of way system equipment used by Sounder Commuter Rail for a total authorized contract amount not to exceed \$841,709.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority  
at a regular meeting thereof held on April 3, 2008.



Fred Butler  
Finance Committee Vice-Chair

ATTEST:



Marcia Walker  
Board Administrator