

MOTION NO. M2010-61**Sounder Heating, Ventilating and Air Conditioning Service Contract**

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Operations and Administration Committee	6/17/10	Final Action	Bonnie Todd, Executive Director of Operations Mike Perry, Director of Operations and Maintenance	(206) 398-5367 (206) 398-5388

PROPOSED ACTION

Authorizes the chief executive officer to execute a five-year contract with Moran Industries to rebuild 116 Sounder Heating, Ventilating and Air Conditioning units for a total authorized contract amount not to exceed \$1,098,894.

KEY FEATURES

- The Heating, Ventilating and Air Conditioning (HVAC) units to be rebuilt are installed on 58 Sounder passenger cab and coach cars manufactured between 1999 and 2003. Each passenger car has two HVAC units.
- The manufacturer's recommended HVAC rebuild cycle is every five to eight years; however, due to the moderate climate in our area of operation and low maintenance needs and costs, every ten years is a sufficient rebuild cycle for these units.
- The rebuild will extend the life of the HVAC units for an additional ten years.
- The rebuild project will reduce HVAC maintenance costs and maintain passenger comfort.

PROJECT DESCRIPTION

The contractor will rebuild two HVAC units per month over a five-year period. This schedule will result in a total fleet rebuild within the contract period. The oldest units will be rebuilt first. The rebuild cost for each HVAC unit is \$9,473. By comparison, the cost of a new HVAC unit is approximately \$90,000.

BACKGROUND

Sound Transit is responsible for maintaining Sounder vehicles to ensure availability and passenger comfort. The HVAC system requires ongoing maintenance and periodic rebuilds in order to maintain reliability. The equipment has been in service for approximately ten years and is at the point where a rebuild is necessary.

The rebuild will include removing all parts, testing them to make sure they meet specifications, and replacing them if they do not. All gaskets and hoses will be replaced, and the unit will be repainted.

FISCAL INFORMATION

▼ Summary for Board Action: Execute a five-year contract with Moran Industries to overhaul 116 HVAC units.

Program Budget: Sounder Vehicle Maintenance	Adopted 2010 Budget (1)	Spent to date in 2010	Expenditures 2010	Remaining Budget
Sounder: Vehicle Contract Maintenance budget	2,520	543	133	1,844
Sounder: Other Vehicle Maintenance budget	8,066	2,832	N/A	5,234
Total, Maintenance of Vehicles budget	10,586	3,375	133	7,078

Contract Spending Plan	Prior Year(s) Spending	2010 Spending	Future Expenditures	Total
Moran Industries	-	133	966	1,099

	Current Approved Contract Value	Spent to Date	Proposed Action	Proposed Total Contract Value
Contract Budget				
Moran Industries	-	-	1,099	1,099
Contingency	-	-	-	-
Total Contract	-	-	1,099	1,099
Percent Contingency	-	-	0%	0%

Notes:

Sounder maintenance of vehicles budget can be found on page 26 of 2010 Adopted Budget book.

SMALL BUSINESS PARTICIPATION

There was no small business goal for this procurement.

EQUAL EMPLOYMENT WORKFORCE PROFILE

Eight employees; 12.5% women; 0% minorities.

ENVIRONMENTAL COMPLIANCE

JI 5/27/2010

PRIOR BOARD/COMMITTEE ACTIONS

None

TIME CONSTRAINTS

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

LEGAL REVIEW

JW 6/8/10

MOTION NO. M2010-61

A motion of the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a five-year contract with Moran Industries to rebuild 116 Sounder Heating, Ventilating and Air Conditioning units for a total authorized contract amount not to exceed \$1,098,894.

BACKGROUND:

Sound Transit is responsible for maintaining Sounder vehicles to ensure availability and passenger comfort. The Heating, Ventilating and Air Conditioning (HVAC) units to be rebuilt are installed on 58 Sounder passenger cab and coach cars manufactured between 1999 and 2003. Each passenger car has two HVAC units.

The HVAC system requires ongoing maintenance and periodic rebuilds in order to maintain reliability. The equipment has been in service for approximately ten years and is at the point where a rebuild is necessary.

The contractor will rebuild two HVAC units per month over a five-year period. This schedule will result in a total fleet rebuild within the contract period. The oldest units will be rebuilt first. The rebuild cost for each HVAC unit is \$9,473. By comparison, the cost of a new HVAC unit is approximately \$90,000.

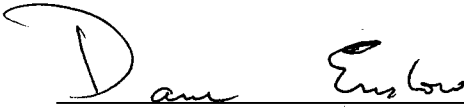
The rebuild will include removing all parts, testing them to make sure they meet specifications, and replacing them if they do not. All gaskets and hoses will be replaced, and the unit will be repainted.

The manufacturer's recommended HVAC rebuild cycle is every five to eight years; however, due to the moderate climate in our area of operation and low maintenance needs and costs, every ten years is a sufficient rebuild cycle for these units. The rebuild will extend the life of the HVAC units for an additional ten years. The rebuild project will reduce HVAC maintenance costs and maintain passenger comfort.

MOTION:

It is hereby moved by the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a five-year contract with Moran Industries to rebuild 116 Sounder Heating, Ventilating and Air Conditioning units for a total authorized contract amount not to exceed \$1,098,894.

APPROVED by the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on June 17, 2010.



Dave Enslow
Operations and Administration Committee Chair

ATTEST:



Marcia Walker
Board Administrator