

MOTION NO. M2011-68
Contract for Technical Services for Sounder Equipment

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Operations and Administration Committee	08/18/11	Final Action	Bonnie Todd, Executive Director of Operations Brian Freerks, Commuter Rail Mechanical Superintendent

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with LTK Engineering Services for a five year term to provide technical engineering consulting services for Sounder equipment for a total authorized contract amount not to exceed \$1,358,775.

KEY FEATURES

- The proposed contract is for technical engineering consulting services for Sounder cars, locomotives, and equipment.
- The scope of work includes in-plant inspections for new locomotives, development of overhaul specifications for 11 existing locomotives, on-call technical services for the Sounder fleet, and in-plant inspections for future fleet procurements.
- Work on this contract will be task order-based and is under the sole direction of Sound Transit.

PROJECT DESCRIPTION

LTK Engineering will provide engineering consulting services for the Sounder fleet of 40 coach cars, 18 cab cars and 11 locomotives as well as future vehicle procurements.

FISCAL INFORMATION

The proposed action supports the Sounder program by establishing a technical consulting services contract for the vehicle maintenance program for Sounder rolling stock. The action is funded within the vehicle maintenance section of the Sounder Transit Operations budget. The estimated expenses from this contract for 2011 are \$28,000. The remaining \$1,330,975 of the contract spending will be included in future annual budgets.

BUDGET TABLE

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

Action Item: To execute a contract with LTK Engineering Services for providing technical services for Sounder equipment.

Sounder Vehicle Maintenance Budget	Adopted 2011 Budget (1)	Spent to date in 2011	Contract Expenditures 2011	Remaining 2011 Budget
Sounder	8,299	3,954	28	4,317

Contract Spending-Operations	Prio Years Spending	2011 Spending	Spending	Total
LTK Engineering Services	-	28	1,331	1,359
Total	-	28	1,331	1,359

Contract Detail	Current Approved Contract Value	Spent to Date	Proposed Action	Proposed Total Contract Value
Contract	-	-	1,359	1,359
Contingency	-	-	-	-
Total Contract Amount	\$ -	\$ -	\$ 1,359	\$ 1,359
Percent Contingency	0%	0%	0%	0%

Notes:

¹ Sounder Vehicle Maintenance budget is located on page 48 of the 2011 Adopted Budget book.

SMALL BUSINESS PARTICIPATION

Sound Transit Goal: 6%
LTK Commitment: 48.6%

EQUAL EMPLOYMENT WORKFORCE PROFILE

272 employees; 22% women; 14% minorities.

BACKGROUND

Technical engineering consulting services are required to support the Sounder Fleet Program for a five-year period for expanded service and to overhaul existing locomotives for continuing service.

The scope of work for in-plant inspections includes:

- Ensuring compliance with specifications and accepted quality standards.

- Auditing and monitoring of manufacturer's assurance activities.
- Witnessing tests performed by the manufacturer.
- Participating in change order discussions, preparing change order documentation and "should cost" change order estimates when required.
- Reviewing and supplying input on manufacturer's submittal documents, including drawings, schematics, test schedules, operation and maintenance Manuals, engineering change notices and quality reports.
- Reviewing manufacturer's invoices and making recommendations about payment.

This contract also includes on-call technical services for damaged equipment; responding to any Federal Railroad Administration required fleet modifications; and any other vehicle or equipment modifications that Sound Transit requires to take place within the five year term of the contract.

Sound Transit issued a Request for Proposals in the second quarter of 2011. Three proposals were received. LTK was selected with the highest score based on a combination of price, experience, and project approach. LTK offers Sound Transit a large pool of rail equipment industry experts from which to draw for various fleet needs.

Analysis of Contracting Out vs. Performing In-House

These services require specialized skills, including heavy rail engineering certifications, and commitment to relocate temporarily. Due to the project's limited duration and significant off-site commitment, it is not feasible to use in-house staff or practical to hire additional full-time staff to complete this work.

ENVIRONMENTAL COMPLIANCE

SSK 8-9-11

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2011-61 - Ratifying the chief executive officer's execution of a contract with MotivePower, Inc. to purchase three locomotives in the amount of \$14,662,632, with a 5% contingency of \$733,132, for a total authorized contract amount not to exceed \$15,395,764.

TIME CONSTRAINTS

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

PUBLIC INVOLVEMENT

Not applicable to this action.

LEGAL REVIEW

JW 8-12-11