

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2007-103

On-Call Rail Engineering Consultant Services

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	10/4/07	Discussion/Possible Action	Jim Edwards, Director Capital Projects Eric Beckman, Program Manager, Capital Projects	(206) 398-5436 (206) 398-5251

Contract/Agreement Type:	✓	Requested Action:	✓
Competitive Procurement	✓	Execute New Contract/Agreement	✓
Sole Source		Amend Existing Contract/Agreement	
Agreement with Other Jurisdiction(s)		Budget Amendment	
Real Estate		Property Acquisition	

PROJECT NAME

Sounder Commuter Rail - On-Call Rail Engineering Consulting Services

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with HNTB Corporation to provide on-call rail engineering consulting services for Sounder commuter rail track and signal projects for a total authorized contract amount not to exceed \$500,000.

KEY FEATURES of PROPOSED ACTION

- The contract scope of work also includes various railroad engineering services:
 - Railroad Engineering
 - Engineering Analysis
 - Independent Review
 - CADD Support Services

- This contract duration is for a two-year period from the Notice to Proceed.

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 budget associated with railroad engineering consulting services work is contained within the preliminary engineering, final design, and construction phases of each capital project's budget; based on the project's anticipated need for such service. In addition, there are railroad

engineering consulting services work done within the operations group. This is an on-call contract to be used as the need arises.

The table below indicates where the contract funds are expected to be used, the budgets associated with those projects and programs, and the uncommitted funds for each.

There are sufficient funds to complete this action. Committing these funds will not endanger any other project elements that are to be funded out of the overall project.

BUDGET TABLE

Summary for Board Action (Year of Expenditure \$000)

Action Item: HNTB Corporation on-call contract.

Contract Budget	Current Approved Contract Value (A)	Committed To Date (B)	Proposed Action (C)	Proposed Total Contract Value (D)
1 HNTB Corporation	\$ -	\$ -	\$ 500	\$ 500
2 Contingency	\$ -	\$ -	\$ -	\$ -
3 Total	\$ -	\$ -	\$ 500	\$ 500
4 Percent Contingency	0%	0%	0%	0%

Project/Program to be Charged	2007 PE/EIS, Final Design & Construction Budget's ¹ (E)	Committed PE/EIS, Final Design & Construction Budget ² (F)	This Action (G)	Uncommitted (Shortfall) ³ (H)	Misc. Services Uncommitted Budget (I)	Future Operating Budget (J)
5 Everett-Seattle Track & Signal	\$ 4,668	\$ 4,578	\$ 100	\$ (10)	\$ -	\$ -
6 Layover	\$ 21,802	\$ 16,139	\$ 200	\$ 5,463	\$ -	\$ -
7 M St.-Lakewood Track & Signal	\$ 45,237	\$ 43,683	\$ 50	\$ 1,504	\$ -	\$ -
8 D St.-M St. Track & Signal	\$ 24,791	\$ 8,049	\$ 50	\$ 16,692	\$ -	\$ -
9 Sounder Transit Operations	\$ -	\$ -	\$ 100	\$ -	\$ 40	\$ 60
10 Total	\$ 96,498	\$ 72,449	\$ 500	\$ 23,649	\$ 40	\$ 60

Notes:

¹ Project/Program budgets are located on page 106 for Everett-Seattle Track & Signal, page 113 for Layover, page 110 for M St.-Lakewood Track & Signal, page 112 for D St.-M St. Track and Signal, and page 55 for Sounder Transit Operations of the Adopted 2007 Budget book. The Board approved the Adopted 2007 Budget on December 14, 2006.

² Committed to date amount includes actual outlays and commitments through July 31, 2007.

³ Consistent with Sound Transit Board budget policies, the phase level shortfall will be covered by reallocating project contingency funds to align phase budget amounts with project phase activity.

SMALL BUSINESS PARTICIPATION

Prime Consultant/Contractor

The HNTB Corporation will be the prime consultant for this contract. The consultant has teamed with three small business subconsultants to provide CADD design, survey and railroad signal work.

Due to the format of this on-call railroad contract, task orders will be issued to the consultant when staff requires a railroad engineering task to be completed. Staff will discuss with HNTB the opportunities for their small business participation on each new railroad engineering task requested.

Utilization Breakdown Table

Subconsultant/Subcontractor	Business Type	Scope Task	% of Work
Bolima Drafting & Design Inc	DBE/MBE	CADD Design	Task Order
Lin & Associates Inc	DBE/MBE	Survey	Task Order
Midvale Electric	SBA	Railroad signal	Task Order
Total			

EEO Commitment

The HNTB Corporation workforce demographics are 27.77% women, 16.66% minorities and 62% disabled.

PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION

The HNTB Corporation on-call railroad engineering contract will provide consultant services for railroad engineering, engineering analysis, independent technical review, and CADD support services for Sound Transit's commuter rail programs.

The contract with HNTB was competitively procured; three bids were received and a notice of selection was issued on August 20, 2007.

Staff anticipates the on-call railroad consultant will work on tasks over the next six to twelve months that may include: design work to add storage tracks to the L Street Layover Facility in Tacoma, conduct independent reviews of the final designs for M Street-to-Bridgeport track and signal and D-to-M Street track and signal projects and engineering analysis of the Sounder commuter rail operations along the Tacoma-to-Lakewood rail corridor.

Prior Board/Committee Actions

Not applicable for this action.

CONSEQUENCES of DELAY

The on-call railroad engineering consultant contract allows staff to access a specialized resource to address rail and signal questions or issues along the 82-mile Sounder commuter rail corridor. By having an on-call railroad engineer consultant, Sound Transit can respond or resolve issues in a timely manner.

PUBLIC INVOLVEMENT

Not applicable for this action.

ENVIRONMENTAL COMPLIANCE

SSK 9-04-07

LEGAL REVIEW

JW 9/27/07

SOUND TRANSIT

MOTION NO. M2007-103

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with HNTB Corporation to provide on-call rail engineering consulting services for Sounder commuter rail track and signal projects for a total authorized contract amount not to exceed \$500,000.

Background:

The HNTB Corporation on-call railroad engineering contract will provide consultant services for railroad engineering, engineering analysis, independent technical review, and CADD support services for Sound Transit's commuter rail programs.

The contract with HNTB was competitively procured; three bids were received and a notice of selection was issued on August 20, 2007.

Staff anticipates the on-call railroad consultant will work on tasks over the next six to twelve months that may include: design work to add storage tracks to the L Street Layover Facility in Tacoma, conduct independent reviews of the final designs for M Street-to-Bridgeport track and signal and D-to-M Street track and signal projects and engineering analysis of the Sounder commuter rail operations along the Tacoma-to-Lakewood rail 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 contract with HNTB Corporation to provide on-call rail engineering consulting services for Sounder commuter rail track and signal projects for a total authorized contract amount not to exceed \$500,000.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on October 4, 2007.



Fred Butler
Finance Committee Chair

ATTEST:



Marcia Walker
Board Administrator