

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2002-24

Tacoma Link Traffic Signal Controllers and Cabinets

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	3/7/02	Discussion/Possible Action to Recommend Board Approval Action	Ahmad Fazel, Link Director	206-398-5389
Board	3/14/02		Stephanie Kirby, Civil Engineer	206-689-3324

OBJECTIVE OF ACTION

- To provide Traffic signal controllers and cabinets for the Tacoma Link Light Rail Project

ACTION

- Authorizes the Executive Director to execute a sole source contract with Northwest Signal Supply Company to provide 19 signal controllers and cabinets for the Tacoma Link Light Rail Project in the amount of \$339,120 with a contingency of \$5,000 for a total authorized amount not to exceed \$344,120.

KEY FEATURES

- Provides for new controllers and cabinets required for the interface between vehicular traffic and light rail trains for 17 intersections along the light rail route in the City of Tacoma.
- Northwest Signal Supply company is the City of Tacoma's sole source supplier of traffic signal controllers and cabinets.
- Authorizes the Executive Director to execute a sole source contract with Northwest Signal Supply Company to provide 19 signal controllers and cabinets for the Tacoma Link Light Rail Project in the amount of \$339,120 with a contingency of \$5,000 for a total authorized amount not to exceed \$344,120.
- Northwest Signal Supply company is the sole supplier for PEEK controllers in the region.

BUDGET

Column A	Column B	Column C	Column D	Column E
Total Project Budget	Budget for this Task (B)	Obligated to Date (C)	Total Amount Requested (D)	Shortfall* or Surplus (B-[C+D])
\$80,493,000	\$350,000	\$0	\$344,120	\$5,880

FINANCIAL IMPACTS

Impact on Current Year Budget: This action is included within the 2002 Adopted Budget and will not have any additional impact on the current year budget beyond that contemplated within the 2002 Adopted Budget

Impact on Sound Move Budget: The total budget for Tacoma Link is higher than the original Sound Move budget. This request will not further increase the Sound Move budget variance.

Impact on Cost-to-Complete: The amount requested is included within the cost at completion for Tacoma Link.

Impact on Subarea(s) Budget(s): This action will not further impact the pierce county subarea budget beyond that contemplated within the 2002 adopted budget.

HISTORY OF PROJECT

Prior Board or Committee Actions and Relevant Board Policies

Motion or Resolution Number	Summary of Action	Date of Action
Reso No. R2001-17 (Amen. 10)	Adopted an annual budget for the period from January 1 to December 31, 2002	12/13/01

Traffic controllers and cabinets are required for the interface between vehicular traffic and light rail trains for 17 intersections along the light rail route in the City of Tacoma.

These controllers are a sole source acquisition with Northwest Signal Supply Company because:

- No other controllers are compatible with City of Tacoma's equipment within this corridor of the City.
- The City of Tacoma will be able to maintain these controllers as part of it's existing maintenance program.

The existing signal controllers in Tacoma do not have the capabilities necessary to accommodate light rail operation. The City owns and operates only PEEK controllers. Other controllers identified as being capable of accommodating light rail software were not compatible with existing equipment and would not be approved by the City for installation.

CONSEQUENCES OF DELAY

- Delaying procurement and installation of the permanent traffic control and light rail intersections within City of Tacoma.
- Cost and Schedule increase to Tacoma Link light Rail Project as temporary signal cabinets will have to be put in and then replaced with permanent cabinets.
- Impact to the community with having added traffic control through intersection to replace temporary cabinets.

REGIONAL PARTNERSHIP AND COOPERATION

- The City of Tacoma aided Sound Transit in developing a traffic signal controller that will be compatible with their existing system and the advent of link light rail.
- The City of Tacoma will perform environmental and functional testing on the signal controllers prior to delivery to the Tacoma Link Light Rail Contractor.

PUBLIC INVOLVEMENT

N/A

LEGAL REVIEW

JDW 2/21/02

SOUND TRANSIT

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A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the Executive Director to execute a sole source contract with Northwest Signal Supply Company to provide 19 signal controllers and cabinets for the Tacoma Link Light Rail Project in the amount of \$339,120 with a contingency of \$5,000 for a total authorized amount not to exceed \$344,120.

Background:

Traffic controllers and cabinets are required for the interface between vehicular traffic and light rail trains for 17 intersections along the light rail route in the City of Tacoma.

These controllers are a sole source acquisition with Northwest Signal Supply Company because:

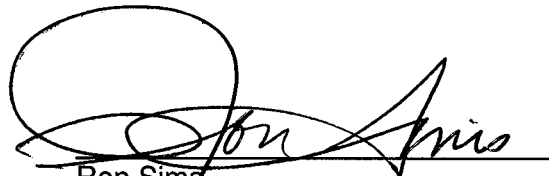
- No other controllers are compatible with City of Tacoma's equipment within this corridor of the City.
- The City of Tacoma will be able to maintain these controllers as part of its existing maintenance program.

The existing signal controllers in Tacoma do not have the capabilities necessary to accommodate light rail operation. The City owns and operates only NEMA controllers. Other controllers identified as being capable of accommodating light rail software were not compatible with existing equipment and would not be approved by the City for installation.

Motion:


It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the Executive Director is authorized to execute a sole source contract with Northwest Signal Supply Company to provide 19 signal controllers and cabinets for the Tacoma Link Light Rail Project in the amount of \$339,120 with a contingency of \$5,000 for a total authorized amount not to exceed \$344,120.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on March 14, 2002.



Ron Sims
Board Chair

ATTEST:



Marcia Walker
Board Administrator