

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2008-97

**University Link – I-5 Undercrossing Contract
Washington State Department of Transportation Construction Task Order**

| Meeting: | Date: | Type of Action: | Staff Contact: | Phone: |
|-------------------|--------------|----------------------------|--|---|
| Finance Committee | 10/02/08 | Discussion/Possible Action | Ahmad Fazel, Link Executive Director John Harrison, University Link Project Director Ron Endlich, University Link Deputy Project Director | (206) 398-5389 (206) 398-5309 (206) 398-5141 |

| Contract/Agreement Type: | ✓ | Requested Action: | ✓ |
|---------------------------------|---|-------------------------------------|---|
| Competitive Procurement | | Execute New Contract/Agreement | |
| Sole Source | | Amend Existing Contract/Agreement | ✓ |
| Interagency Agreement | ✓ | Contingency Funds (Budget) Required | |
| Purchase/Sale Agreement | | Budget Amendment Required | |

✓ *Applicable to proposed transaction.*

PROJECT NAME

University Link – Pine Street Stub Tunnel (PSTT) to University of Washington (UW) Station

PROPOSED ACTION

Authorizes the chief executive officer to execute a task order with the Washington State Department of Transportation under the existing Umbrella Agreement GCA 3361, to provide oversight and coordination for the I-5 undercrossing construction contract within the University Link project in the amount of \$682,615, with an approximate 10% contingency of \$67,385 for a total authorized amount not to exceed \$750,000.

KEY FEATURE OF PROPOSED ACTION

- This task order will be performed under Sound Transit’s existing Umbrella Agreement GCA 3361 with the Washington State Department of Transportation (WSDOT) covering construction administration of Sound Transit projects within Washington State Department of Transportation right-of-way for the University Link Light Rail Project Interstate-5 undercrossing contract (U215).
- The task order defines WSDOT’s oversight role during construction and covers the coordination of all issues affecting the University Link Project I-5 undercrossing contract including environmental issues, utilities, inspection/testing, surveying, approval, and closeout activities.

- WSDOT will have dedicated inspectors on-site for the duration of the construction work. These inspectors will coordinate with the Sound Transit construction management team and other WSDOT offices and departments.
- In addition to providing inspection services, WSDOT will be responsible for maintenance of traffic during construction, since the majority of the work is taking place within I-5 ramps. Traffic revisions to accommodate ramp and freeway lane closures are an important element of the project.

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 Adopted 2008 Lifetime Capital Budget for University Link is \$1.614 billion. Within that amount \$750,000 has been set aside for WSDOT Construction Assistance in the construction phase. The proposed action would commit this entire amount, and leave no remaining balance for this budget line item.

In July 2008, the Sound Transit Board of Directors approved a revised University Link Project Capital Baseline Cost Estimate (BCE) at \$1.756 billion. This revised capital BCE is incorporated into the Proposed 2009 Budget for adoption.

The proposed action is consistent with the current adopted budget, and is affordable within the agency's long-term financial plan and subarea financial capacity. The action will have no new revenue impact on Sound Transit.

BUDGET TABLE

Action Item: Washington State Department of Transportation (provide construction oversight for the I-5 Undercrossing construction contract (U-215) within the University Link project)

(Year of Expenditure \$000)

| University Link | Adopted 2008 Budget (A) | Committed To Date (B) | This Action (C) | Total Committed & Action (D) | Uncommitted (Shortfall) (E) |
|-----------------------------|--|--------------------------------------|----------------------------|---|--|
| Agency Administration | 115,229 | 36,645 | | 36,645 | 78,584 |
| Preliminary Engineering | 24,388 | 24,329 | | 24,329 | 59 |
| Final Design | 77,944 | 58,665 | | 58,665 | 19,279 |
| Right of Way | 157,332 | 112,726 | | 112,726 | 44,606 |
| Construction | 1,046,946 | 14,241 | | 14,241 | 1,032,705 |
| Construction Services | 68,526 | 64,704 | | 64,704 | 3,822 |
| Third Party Agreements | 19,733 | 9,424 | 750 | 10,174 | 9,559 |
| Vehicles | 103,909 | 99,185 | | 99,185 | 4,724 |
| Total Current Budget | 1,614,007 | 419,918 | 750 | 420,668 | 1,193,339 |

Third Party Phase Budget Detail

| | | | | | |
|-------------------------------|---------------|--------------|------------|---------------|--------------|
| WSDOT Construction Assistance | 750 | - | 750 | 750 | - |
| Other Third Party Agreements | 18,983 | 9,424 | - | 9,424 | 9,559 |
| Total Phase | 19,733 | 9,424 | 750 | 10,174 | 9,559 |

| Contract Amount | Board Approvals to Date (F) | Current Approved Contract Value (G) | Proposed Action (H) | Proposed Total for Board Approval (I) | Proposed Contract Value (J) |
|------------------------|--|--|------------------------------------|--|--|
| Contract Amount | - | - | 683 | 683 | 683 |
| Contingency | - | - | 67 | 67 | 67 |
| Total | - | - | 750 | 750 | 750 |
| Percent Contingency | 0% | 0% | 10% | 10% | 10% |

(B) COMMITTED TO DATE amounts are from Agency WBS Report as of August 2008 + approved and pending board actions not recorded as of 8/31/08, or submitted after that date.

SMALL BUSINESS PARTICIPATION

Not applicable to this action

PROJECT DESCRIPTION AND BACKGROUND FOR PROPOSED ACTION

A Memorandum of Understanding (MOU) executed on October 23, 1997, established a cooperative relationship between Sound Transit and the Washington State Department of Transportation. The MOU covers the regional express/HOV system, commuter rail, and light rail; and established working principles between the agencies to facilitate the design, construction, and operation of capital projects listed in Sound Move; coordinated public transportation service provided by each agency; and provided for future agreements dealing with specific programs or projects related to Sound Move.

On June 13, 2002, the Sound Transit Board approved Motion No. M2002-72 which authorized the Executive Director to negotiate and execute an umbrella agreement with WSDOT for construction administration of Sound Transit projects to be constructed on WSDOT rights-of-way in accordance with key provisions, including Link light rail use of state rights-of-way.

Sound Transit and WSDOT executed a construction umbrella agreement on October 13, 2002, related to the construction administration of Sound Transit projects to be built within WSDOT rights-of-way. The umbrella agreement includes a process for establishing individual task

orders that cover the coordination of all issues affecting the Link Light Rail project including environmental concerns, utilities, inspection, change order review, and approval and closeout activities.

To build University Link’s twin-bored tunnels that will run between Capitol Hill and downtown Seattle, Sound Transit contractors must first prepare the way for the Tunnel Boring Machine (TBM) to pass under I-5. Construction crews must modify the structures beneath the freeway to allow the TBM to pass through. This work is anticipated to begin in June 2009, and will require up to a year closure of the I-5 northbound Olive Way off-ramp and the express lane on the Pike/Pine reversible ramp. Other shorter term lane and ramp closures are also required at the start and finish of this work.

This task order will pay for dedicated WSDOT inspectors to be on site for the duration of the construction work. These inspectors will coordinate with the Sound Transit construction management team and other WSDOT offices and departments. A key component of the scope of this task order is for WSDOT to be responsible for maintenance of traffic during construction, since the majority of the work is taking place within I-5 ramps. Traffic revisions to accommodate ramp and highway lane closures are an important element of the project.

Prior Board/Committee Actions

| Motion or Resolution Number | Summary of Action | Date of Action |
|-----------------------------|--|----------------|
| M2002-72 | Umbrella agreement with WSDOT for construction administration of Sound Transit projects to be constructed on WSDOT rights-of-way and Link Light Rail use of State rights-of-way. | 6/13/02 |
| R99 | Memorandum of Understanding between Sound Transit and the State of Washington pertaining to Sound Move projects located within State rights-of-way | 10/23/97 |

CONSEQUENCES OF DELAY

A short delay in action on this motion will not affect the project.

PUBLIC INVOLVEMENT

Sound Transit is working closely with the City of Seattle and local transit agencies to plan detour routes and will conduct an extensive pro-active community outreach and driver education plan to notify the public of construction activities and detour route plans as part of the University Link I-5 undercrossing construction work. A major effort to educate drivers about the detour routes and construction status will be in place well before construction begins.

ENVIRONMENTAL REVIEW

JI 09/10/08

LEGAL REVIEW

LGA 9/25/08

SOUND TRANSIT

MOTION NO. M2008-97

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a task order with the Washington State Department of Transportation under the existing Umbrella Agreement GCA 3361, to provide oversight and coordination for the I-5 undercrossing construction contract within the University Link project in the amount of \$682,615, with an approximate 10% contingency of \$67,385 for a total authorized amount not to exceed \$750,000.

Background:

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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 task order with the Washington State Department of Transportation under the existing Umbrella Agreement GCA 3361, to provide oversight and coordination for the I-5 undercrossing construction contract within the University Link project in the amount of \$682,615, with an approximate 10% contingency of \$67,385 for a total authorized amount not to exceed \$750,000.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on October 2, 2008.



Aaron Reardon
Finance Committee Chair

ATTEST:



Marcia Walker
Board Administrator