

MOTION NO. M2016-33

Contract for Tacoma Link Light Rail Vehicle Truck Assembly Rebuild Services

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Operations and Administration Committee	04/07/2016	Final Action	Bonnie Todd, Executive Director, Operations Robert Blackburn, Operations Manager, Operations Paul Denison, Light Rail Operations Director

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with UTCRAS, Inc. to rebuild seven Tacoma Link light rail vehicle truck assemblies for a total authorized contract amount not to exceed \$317,592.

KEY FEATURES SUMMARY

- This action will authorize a midlife maintenance overhaul of Tacoma Link light rail vehicle (LRV) truck assemblies. The overhaul will extend the vehicles useful life another 15 years.
- The scope of work includes replacement of all gaskets, bearings, wheels, brake discs, and inspection of gears and axles of the truck assembly.
- Tacoma Link has a spare truck assembly that will be overhauled first and used as a replacement as truck assemblies are shipped to UTCRAS, Inc. for rebuild; each rebuild will take approximately three months to complete. No service impacts are expected.

BACKGROUND

Tacoma Link light rail began revenue service in August 2003 and operates three Skoda light rail vehicles (LRVs) on 1.6 miles of alignment. Two light rail vehicles are needed for service; one is a rotational spare. The LRV fleet was built in 2001 and have been operating for more than 15 years (including two years of testing and pre-revenue service). The fleet has an average of 375,000 miles per vehicle. According to manufacturer's specifications, the vehicles are now scheduled for a midlife maintenance overhaul. The overhaul consists of extensive diagnostic inspections, rebuilding of components, and replacement parts.

Sound Transit does not have the special tools and equipment necessary to perform the truck assembly overhaul work and purchasing them would be cost prohibitive.

Tacoma Link's maintenance department will remove, ship, and reinstall the rebuilt units. The rebuild will take about three months per truck and approximately two years in total to complete the project.

The project will extend the life of the vehicles for an additional 15 years.

Sound Transit issued an invitation to bid for the truck assembly overhaul work in December 2015 and received two bids. UTCRAS, Inc. was the lowest qualified bidder. UTCRAS, Inc. is based in Morton, Pennsylvania and specializes in all aspects of heavy and light rail truck rebuild and overhaul. The company is certified in wheel, axle, bearing, truck, gearbox, and transmission manufacturing and remanufacturing by the Associations of American Railroads (AAR).

FISCAL INFORMATION

This action is within the adopted budget and sufficient funds remain after approval of this action to fund the remaining work in the Vehicles Phase as contained in the current cost estimates.

Tacoma Link LRV Overhaul	2016 TIP	Commitment to Date	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	41	0	0	0	41
Preliminary Engineering	25	0	0	0	25
Final Design	0	0	0	0	0
Right of Way	0	0	0	0	0
Construction	0	0	0	0	0
Construction Services	0	0	0	0	0
Third Party Agreements	0	0	0	0	0
Vehicles	665	0	318	318	347
Total Current Budget	731	0	318	318	413
Phase Detail - Vehicles					
Rebuild Services	665	0	318	318	347
Contingency	0	0	0	0	0
Total Phase	665	0	318	318	347
UTC/RAS Contract Detail					
	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval	
Contract Amount	0	0	318	318	
Contingency	0	0	0	0	
Total	0	0	318	318	
Percent Contingency	0%	0%	0%	0%	

Notes:

Project budget is located on page 104 of the 2016 Adopted Transit Improvement Plan.

Amounts are expressed in Year of Expenditure \$000s.

Board Approvals to Date includes amounts through February 29, 2016 plus any pending Board Actions.

Board Approvals = Committed to-date + Contingency.

The 2016 Lifetime Budget for Tacoma Link LRV Overhaul project is \$731,058. Within that amount, \$665,058 has been set aside for the Vehicles Phase; \$0.00 has been committed for the Vehicles Phase.

The proposed action would commit \$317,592 for UTCRAS, Inc. contract to provide rebuild services for the truck assembly leaving the remaining uncommitted budget of \$347,466 in the Vehicle Phase.

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Small Business and DBE goals are based upon an examination of subcontracting opportunities contained in the work of this contract and the number of Small Businesses/DBEs available to perform such subcontracting work.

Sound Transit determined that there were few Small Business and DBE subcontracting opportunities based upon the work described in this contract, so Small Business/DBE goals were not established or required.

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

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

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M99-64: Authorized the Executive Director to execute a contract with Inekon Group for the procurement of vehicles for Tacoma Link light rail. The maximum authorized expenditure is \$8,986,254.

ENVIRONMENTAL REVIEW

JI 3/29/2016

LEGAL REVIEW

JW 3/29/2016

MOTION NO. M2016-33

A motion of the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with UTCRAS, Inc. to rebuild seven Tacoma Link light rail vehicle truck assemblies for a total authorized contract amount not to exceed \$317,592.

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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 contract with UTCRAS, Inc. to rebuild seven Tacoma Link light rail vehicle truck assemblies for a total authorized contract amount not to exceed \$317,592.

APPROVED by the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 7, 2016.


Paul Roberts
Operations and Administration Committee Chair

ATTEST:


Kathryn Flores
Board Administrator