



Motion No. M2023-76

Contract with Schindler Elevator Corporation for the Modernization of the Vertical Conveyance Assets at International District Station

Meeting:	Date:	Type of action:	Staff contact:
Rider Experience and Operations Committee	08/03/2023	Recommend to Board	Russ Arnold, Deputy CEO, Service Delivery Officer
	08/24/2023	Final action	Suraj Shetty, Operations Executive Director John Carini, Deputy Director of Vertical Conveyances

Proposed action

Authorizes the chief executive officer to execute a contract with Schindler Elevator Corporation for the modernization of the vertical conveyance assets at International District Station, in the amount of \$14,003,612, with a 10 percent contingency of \$1,400,361 for a total authorized contract amount not to exceed \$15,403,973 contingent upon Board approval of Resolution No. R2023-28.

Key features summary

- The existing International District Station (IDS) vertical conveyances are 35 years old and are the original equipment installed in the station and has never been updated.
- Industry standard expected useful life is 25 years making these assets 10 years past their expected useful life and need to be modernized.
- This action is the first vertical conveyance modernization effort for Sound Transit within the Downtown Seattle Transit Tunnel (DSTT). Staff will return at a later time to request the approval for the modernization efforts of the remaining 50 vertical conveyance assets within the DSTT.
- This contract includes a comprehensive construction phasing and passenger messaging plan in order to minimize passenger impact and provide regular updates on progress.
- The in-truss modernization scope of work includes equipment replacement with modern safety features for the four elevators and four escalators at the IDS station, updating existing mechanical rooms, updating the existing electrical equipment to support the upgraded assets, and meet current code requirements.

Background

On January 1, 2021, King County Metro transferred the management of the Downtown Seattle Transit Tunnel vertical conveyances to Sound Transit, growing the total vertical conveyance portfolio to 193 assets. This number continues to grow as we open new maintenance facilities, garages, and link light rail expansions. The existing International District Station vertical conveyances are original equipment that has been in service for 35 years. That is over 10 years past the industry standard useful life expectancy of 25 years. This action will allow for replacement of aging elevators and escalators with new, modern vertical conveyance assets in International District Station and significantly improve passenger experience with

safer, more reliable access to Link Light Rail Services. The modernization scope of work incorporates applicable APTA guidelines and Sound Transit Specifications. A five-year extended warranty on all new equipment is included in this effort.

Sound Transit Facilities and System Maintenance is responsible for the management of all Sound Transit facilities. That Division strives to ensure that all facilities are properly maintained and clean and safe for passengers, employees, and the general public. Elevator and Escalator modernization is one of the critical responsibilities of the Facilities Division to ensure, among other things, ADA accessibility at Sound Transit facilities.

International District Station is the first vertical conveyance modernization project within the DSTT with Westlake, University, and Pioneer stations to follow in the coming years. It is projected that sound Transit will have a portfolio for over 300 vertical conveyance assets within the next few years, which will be more than any other entity in the state of Washington once all current projects are completed.

Procurement information

This contract was procured in accordance with Washington State requirements for procurements and Sound Transit procedures. An Invitation for Bids (IFB) was issued on March 14, 2023. A pre-bid meeting and site visit were conducted on March 22, 2023, at Union Station and International District Station respectively. A public bid opening was conducted via Microsoft Teams on July 07, 2023, and two (2) bids were successfully submitted. The lowest responsive and responsible bid was \$14,003,612. The apparent low bidder, was determined to be non-responsive. A letter of Non-Responsive Bid was sent on July 14, 2023. Sound Transit moved to the next apparent low bidder; Schindler Elevator Corporation and conducted a Bidder Responsibility and Responsiveness Determination evaluation. Schindler Elevator Corporation was determined to be the lowest, responsive and responsible bidder, and is therefore recommended for award.

The Total Contract Price is \$14,003,612 which is considered to be a fair and reasonable price based upon the ICE and the cost price analysis. Subsequent calls to Prime Contractors who were full documents takers noted the reduction in scope during procurement process, combining both elevators and escalators into one contract, and other business considerations as reasons that additional bids were not received.

Fiscal information

Pending the approval of Resolution No. R2023-28, this contract action will be within the authorized project allocation and sufficient monies will remain after approval of this action to fund the remaining work in the construction phase. This action does not have an impact on the affordability of the Agency's Finance Plan.

The revised authorized project allocation for the Vertical Conveyance Program is \$27,390,000. Within the construction phase, \$16,587,254 has been set aside for the replacement of vertical conveyances. The action would commit \$15,403,973 for replacement of vertical conveyances at IDS and leave a budget balance of \$874,531 in the construction phase. This activity has FTA grant funding at 10% of eligible cost.

Vertical Conveyance Program

(in thousands)

Project Phase	Authorized Project Allocation or Baseline Budget	Total Commitment to Date	This Action	Total Commitment Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$60	\$15		\$15	\$46
Preliminary Engineering	217	217		217	
Final Design	1,835				1,835
Third Party					
Right of Way					
Construction	25,277	6,299	15,404	21,703	3,574
Construction Services					
Vehicles					
Total Current Budget	\$27,390	\$6,531	\$15,404	\$21,935	\$5,455
Phase Detail - Construction					
VC Replacement	\$16,587	\$309	\$15,404	\$15,713	\$875
Other Construction	8,690	5,990		5,990	2,699
Total Phase	\$25,277	\$6,299	\$15,404	\$21,703	\$3,574

Schindler Elevator Corporation	Board Approvals to Date		Proposed Total for Board Approval	
		Proposed Action		
Contract Amount		\$14,004	\$14,004	
Contingency		1,400	1,400	
Total Contract	\$	\$15,404	\$15,404	
Percent Contingency	0%	10%	10%	

Notes:

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

Board Approvals = Committed To-Date + Contingency as of 7/31/2023.

This project is managed under the OPS State of Good Repair Portfolio; See portfolio details on page 200 of 210 of the 2023 Financial Plan & Adopted Budget.

Disadvantaged and small business participation

Participation by small businesses and disadvantaged business enterprises (DBEs)

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.

For this specific contract, the following DBE goal was set and the successful Bidder/Proposer committed to the following:

DBE Goal: CN 0164-22 Vertical Conveyance Modernization at International District Station (IDS)	
Solicitation DBE Goal	9%
Respondent DBE Commitment	13%

Public involvement

The historical review board for Pioneer square was made aware of the proposed scope of work. The board reviewed the plans in detail and had no additional comments.

Time constraints

Further delays would continue to negatively impact the agency's ability to provide more reliable vertical conveyance services.

Environmental review – KH 8/16/23

Legal review – JSA 8/29/23



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Motion

It is hereby moved by the Rider Experience and Operations Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Schindler Elevator Corporation for the modernization of the vertical conveyance assets at International District Station, in the amount of \$14,003,612, with a 10 percent contingency of \$1,400,361 for a total authorized contract amount not to exceed \$15,403,973 contingent upon Board approval of Resolution No. R2023-28.

APPROVED by the Rider Experience and Operations Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on _____.

Kristina Walker
Rider Experience and Operations Chair

Attest:

Kathryn Flores
Board Administrator