

**Question 6: Contracting Procedures - 10 year Construction History**

No.	Contract Name	Project Description	Delivery Method	General Contractor	Lead Design Firm	Planned Start	Planned Finish	Actual Start	Actual Finish	Original Budget	Final Cost	Cost Overrun Reason	Schedule Overrun Reason
1	Capitol Hill Station (U240)	Construction of a cut-and-cover light rail station that includes open cut retained excavation, below and above grade structures, waterproofing, station finishes, electrical, mechanical and site restoration.	GC/CM	Turner Construction Scott Paul (206) 505-6600	North Link Transit Partners Dan Adams (206) 398-5495	11/12	04/15	11/12	NA	\$105M	NA	NA	NA
2	UW Station (U250)	Construction of a cut-and-cover light rail station that includes open cut retained excavation, below and above grade structures, head house, pedestrian bridge, waterproofing, station finishes, electrical, mechanical and site restoration.	GC/CM	Hoffman Construction David Johnson (206) 286-6687	North Link Transit Partners Dan Adams (206) 398-5495	04/11	11/14	04/11	NA	\$141M	NA	NA	NA
3	University Link Systems (U830)	U830 Systemwide elements include a double crossover at UWS train signal system, communications systems, and traction electrification system.	GC/CM	Stacy & Witbeck, Inc. Steve Wood (206) 395-2200	LTK Engineering Services Lloyd Mack (206) 689-4919	12/12	02/16	12/12	NA	\$119M	NA	NA	NA
4	South 200th Link Extension (S440)	1.6 mile extension of light rail from SeaTac/Airport Station to S. 200th. Includes elevated guideway and tail track, S. 200th Station and track, signal and systems elements.	D/B	PCL Civil Constructors, Inc. Chris Stack (425) 394-4200	Huitt Zollars (PE) Francis Wall (206) 324-5500	10/12	09/16	10/12	NA	\$169M	NA	NA	NA
5	Downtown Seattle Transit Tunnel Retrofit	Retrofit of the existing Downtown Seattle Transit Tunnel (DSTT) for joint rail and bus operations and construction of a tunnel beneath Pine Street to accommodate a tailtrack.	D-B-B	Balfour Beatty Infrastructure Virgil Curtis (425) 251-0153	PSTC Amarjit Marwana (206) 324-5500	08/04	09/07	8/04	09/07	\$74.6M	\$82.2M	Acceleration and Differing Site Conditions	Differing Site Conditions
6	E3 Busway	Construction of the LRT guideway on the east side of the existing E-3 Busway, including SODO Station at Lander Street and Stadium Station at So. Royal Brougham Way.	D-B-B	Kiewit Pacific David C. Zemek (425) 255-8333	Huitt Zollars (PE) Francis Wall (206) 324-5500	11/03	10/05	11/03	05/06	\$40.7M	\$49.3M	Differing Site Conditions	Differing Site Conditions
7	Beacon Hill Project	Construction of an approximately one-mile-long, twin tube tunnel beneath Beacon Hill, including a deep mined tunnel station and fully enclosed aerial Mount Baker Station.	D-B-B	Obayashi Hiroaki Sugiara (206) 359-2217	Hatch-Mott MacDonald/ Jacobs Engineering Steve Mauss (206) 838-2886	06/04	06/08	6/04	07/08	\$280M	\$307.4M	Differing Site Conditions	Differing Site Conditions
8	C735 Rainier Valley	Construction of the at-grade LRT guideway in MLK Way right of way, including a new MLK Way roadway, curb, gutter, and sidewalks, pedestrian crossings, signalized intersections, relocation of wet utilities including sewer, storm drainage, and water supply.	D-B-B	RCI/Herzog Michael Cooper (253) 299-3200	Berger Abam Bob Griebenow (206) 431-2300	06/04	04/07	06/04	11/08	\$114.2M	\$163.3M	Utility Interferences Differing Site Conditions	Utility Interferences Differing Site Conditions

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9	C755 S Boeing Access Rd to S 154th St	Construction of the predominantly aerial guideway from south of Norfolk Street and MLK Way to South 154th Street. The alignment continued south along the west side of I-5 and then west along the north side of SR-518 to reach an aerial station and park-ride at South 154th Street.	D-B-B	PCL Construction Services Karl Benjamin (425) 454-8020	PSTC Amarjit Marwana (206) 324-5500	04/05	01/08	04/05	06/08	\$231.6M	\$239.8M	Minor Changes within contingency	Minor Changes within contingency
10	South Center Blvd. Improvements	Modification and improvements to South Center Blvd. access.	D-B-B	SCI Infrastructure Tyson Lashbrook (253) 218-0444	PSTC Amarjit Marwana (206) 324-5500	01/08	06/09	01/08	10/09	\$21.3M	\$26.1M	Differing Site Conditions	Differing Site Conditions
11	Operations & Maintenance Facility	Construction of a light rail operations and maintenance facility for track and vehicle repair and maintenance, vehicle storage and administration building on a 25 acre industrial site in Seattle's SODO area.	D-B-B	Kiewit Pacific David C. Zemek (425) 255-8333	LTK Engineering Services Lloyd Mack (206) 689-4919	11/03	04/06	12/03	08/07	\$54M	\$74M	Added Scope	Added Scope
12	Airport Link - C410: 154th Street to 160th Street	Construction of aerial guideway between 154th and 160th Streets including all trackwork (aerial and at-grade) and guideway.	D-B-B	PCL Construction Services Karl Benjamin (425) 454-8020	PSTC Amarjit Marwana (206) 324-5500	09/06	03/08	9/06	03/08	\$37.95M	\$39.6M	Minor Changes	NA
13	Airport Link - C420: 160th Street to Airport Station	Construction of LRT infrastructure from the terminus of Contract C410 at the Sea-Tac International Airport. Work included the at-grade section from the terminus of Contract C410 to approximately S. 168th St. and the aerial guideway from S. 168th St. to the SeaTac/Airport Light Rail Station.	D-B-B	PCL Construction Services Karl Benjamin (425) 454-8020	PSTC Amarjit Marwana (206) 324-5500	06/06	01/08	06/06	08/08	\$40.71M	\$44.78M	Minor Changes	Minor Changes
14	Airport Link - C430R: Airport Station and Trackwork	Construction of the elevated SeaTac/Airport Light Rail Station, the International Boulevard pedestrian bridge and plaza and trackwork from S. 160th St. through the station.	D-B-B	Mowat Construction Co. Mike Bell (425) 806-7919	Hatch Mott MacDonald Steve Mauss (206) 838-2886	04/07	09/09	08/07	07/09	\$53.54M	\$73.55M	Bid Climate	Follow on Work
15	Signals System	Signal system for the complete line ( Initial Segment to Airport plus Yard Expansion), including a joint operating (Bus and Train) signal system in the DSTT.	D-B-B	GE Transportation Systems James Schmitz (321) 435-7365	LTK Engineering Services Lloyd Mack (206) 689-4919	10/04	08/08	10/04	07/09	\$33.6M	\$36.8M	Minor Change	Follow on Work
16	Traction Power	Integrated 1500v dc voltage traction power system with overhead contact system (OCS) for the Initial Segment and Airport Link	D-B-B	Mass Electric Construction Co. Walead Atlyeh (303) 598-2149	LTK Engineering Services Lloyd Mack (206) 689-4919	09/04	06/08	10/04	07/09	\$36.4M	\$48.6M	Added Scope	Follow on Work

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17	I-5 Undercrossing Construction Pits	I-5 under-crossing construction pits (contract U215) and other utility works by third parties in preparation of University Link Extension tunneling between the Pine Street Stub Tunnel and the University of Washington.	D-B-B	Condon-Johnson Associates Rowland Stow (206) 575-8248	North Link Transit Partners Dan Adams (206) 398-5495	11/08	07/11	02/09	03/11	\$19.7M	\$23.5M	Added Scope	Added Scope
18	TBM Tunnel (UWS to CHS)	Construction of 11,400 foot long segmentally lined twin-bored tunnels between UW Station and Capitol Hill Station. Work also includes civil and structural work for UW Station crossover.	D-B-B	Traylor Frontier - Kemper (TFK) JV Matt Burdick (206) 285-8888	North Link Transit Partners Dan Adams (206) 398-5495	03/09	08/13	03/09	NA	\$309.1M	NA	NA	NA
19	TBM Tunnels (CHS to PSST)	Construction of a 3,800 ft long segmentally lined twin-bored tunnels between Capitol Hill Station and Pine Street Stub Tunnel	D-B-B	JCM JV Glen Frank (206) 384-4700	North Link Transit Partners Dan Adams (206) 398-5495	12/09	03/13	12/09	NA	\$153.5M	NA	NA	NA
20	Construction of Tacoma Link Light Rail System	Complete 1.6-mile at-grade LRT line with five passenger stations in Downtown Tacoma.	D-B-B	Gary Merlino Construction Co. Brian Kittleson (206) 762-9125	Otak Chad Weiser (425) 822-4446	07/01	08/03	07/01	08/03	\$22.8M	\$28.4M	NA	NA
21	Lynnwood Transit Center	Construction of twenty bus bays, larger passenger waiting areas, a customer service center, improved and expanded weather protection, increased lighting, and a 300 stall surface parking area at an existing park and ride facility.	D-B-B	Bayley Construction David Denning (206) 621-8884	Tetra Tech Michael Gillespie (425) 635-1000	09/02	12/04	09/02	12/04	\$10.7M	\$10.7M	NA	NA
22	Federal Way Transit Center	Construction of a transit center and 1,200 stall, five level parking structure including linking I-5 HOV lanes with direct-access HOV ramps at 317th.	D-B-B	PCL Construction Services Jim Pitman (425) 454-8020	KPFF Ron Leimkuhler (206) 622-5822	07/04	06/06	07/04	11/05	\$21M	\$21.7M	Minor Change	NA
23	Issaquah Transit Center	Construction of a Transit Center including bus shelters and improved weather protection for riders; rider amenities; bus layover space; and an 800 stall structured parking facility.	D-B-B	Harbor Pacific Contractors, Inc. John Welch (425) 488-7131	KPFF Ron Leimkuhler (206) 622-5822	02/08	02/08	02/08	03/09	\$18.4M	\$20.5M	Differing Site Conditions	Differing Site Conditions
24	Lakewood Station	Commuter rail station construction including 1000 foot boarding platform, bus transfer facility, 1,000 stall parking structure and three miles of track improvements	D-B-B	PCL Construction Services Trevor Gallagher (425) 454-8020	KPFF Ron Leimkuhler (206) 622-5822	02/07	09/08	02/07	06/09	\$17.1M	\$17.6M	Minor Change	Minor Change
25	M Street to Lakewood Track and Signal Improvements	Track and signal improvements on 7 miles of existing rail corridor for commuter rail use.	D-B-B	RailWorks Track Systems, Inc. David Landreth (206) 262-9444	HDR Wayne Short (425) 453-7107	05/09	01/10	05/09	03/11	\$34M	\$36.2M	Differing Site Conditions	Minor Change

Sound Transit has managed 35 projects with a total cost of at least \$5M over the past 10 years.