Department of Transportation
Olympia, Washington 98504
March 2, 2023

ATTENTION: All Proposers

Request for Proposals
I-405, Brickyard to SR 527 Improvement Project

Addendum No. 14

The **Request for Proposals** for this project is amended as follows:

Chapter 2: Technical Requirements

1. On page 2.1-6, Section 2.1.4.1, **WSDOT Facilities**, delete "Four" from the bullet point on line 23, and replace with "Five".
2. On page 2.15-18, Section 2.15.4.14.5, ***River Rock, and Boulders***, delete the contents of the parentheses on line 24, and replace with the following:

   (Bridge Nos. 522/28N, 522/28S, and 522/28ECD)
3. On page 2.18-40, Section 2.18.5.2, **Maintenance Access Requirements**, insert the following after the second sentence of the third paragraph on line 15:

   Type A or B maintenance pullouts as shown in Type A and B Pullout Details (Appendix T) may be used in place of Type 2 pullouts.
4. On page 2.22-20, Section 2.22.4.4.1.1, **Design Criteria**, delete the fourth sentence of the first paragraph on lines 15 through 16.
5. On page 2.27-5, Section 2.27.5.2.1, ***Brickyard BRT Station Area***, delete line 24, and replace with the following bullet point:

   - Concrete foundations for 32 bike locker spaces and 12 bike rack spaces.
6. On page 2.27-7, Section 2.27.5.2.2, ***SR 522 Transit Hub BRT Station Area***, insert the following bullet point after line 14:

   - The Design-Builder shall provide a Customer Emergency System (CES) at the start and end of the North Creek trail. Additional CES shall be provided along the pathway ensuring that the maximum distance along the trail between each CES is less than 600 ft. The CES shall support a Talkaphone ETP-MTE-72 or latest iteration of call station tower model along with a Talkaphone VOIP-500E or latest iteration of call station model and integrate with the existing Sound Transit systems. The Design-Builder shall ensure camera coverage along the trails meets the minimum pixel densities for the areas as indicated in the Sound Transit Camera Coverage and Resolution Requirements (Appendix S).
7. On page 2.27-7, Section 2.27.5.2.2, ***SR 522 Transit Hub BRT Station Area***, delete line 16, and replace with the following bullet point:

   - Concrete foundations for 32 bike locker spaces and 24 bike rack spaces.

8. On page 2.27-7, Section 2.27.5.2.4, ***Canyon Park BRT Station Area***, delete line 24, and replace with the following bullet point:

    - Concrete foundations for 24 bike locker spaces and 24 bike rack spaces.

9. On page 2.27-8, Section 2.27.5.2.8, ***Bike Locker Pad***, delete the paragraph on lines 36 through 38, and replace with the following:

    The Design-Builder shall construct concrete bike locker foundations for the required spaces at each BRT Station Area. The foundations shall be constructed in accordance with the WSDOT Standard Plans for sidewalk with the thickness per the manufacturer's requirements. Bike lockers provide up to two bike spaces based on the accessibility of each door. Each bike rack provides two bike spaces.

10. On page 2.27-10, Section 2.27.5.2.12, ***Sound Transit Closed-Circuit Television Cameras***, delete the third sentence of the first paragraph on lines 18 through 19, and replace with the following:

    CCTV coverage shall be in accordance with the Sound Transit *Design Criteria Manual* and the requirements outlined in the Sound Transit Camera Coverage and Resolution Requirements (Appendix S).

11. On page 2.27-14, Section 2.27.5.3.10, ***Platform Materials***, delete the third sentence of the first paragraph on lines 7 through 11, and replace with the following:

    The Design-Builder shall coordinate the foundation reinforcement with the Sound Transit elements that will be attached to the foundation and ensure the reinforcement will not conflict with above grade elements, including but not limited to shelter columns, BRT Pylons, data cabinets, light poles, ngORCA Ticket Vending Machines, and the ngORCA Wayside Validators.

12. On page 2.27-18, Section 2.27.6.3, **Data Service Requirements**, delete the first sentence of the second paragraph on lines 24 through 25, and replace with the following:

    The Design-Builder shall provide a commercial fiber connection from Ziply or Lumen to each BRT Station.

13. On page 2.27-18, Section 2.27.6.3, **Data Service Requirements**, insert the following after line 26:

    The Design-Builder shall be responsible for the coordination, scheduling, and construction of all infrastructure to support the fiber connection from the commercial fiber provider junction box into the main communication room. Within the main communication room, the Design-Builder shall coordinate with the commercial fiber provider for installation of their equipment in the communication room and activating the service. The fiber service will support all data services for the Design-Builder facility systems and the complete Sound Transit BRT Station systems.

    The Design-Builder is to ensure a fully functioning communication network at each BRT Station is designed and built to support the Design-Builder facility systems and the complete Sound Transit BRT Station systems. The Design-Builder shall install the Sound Transit provided network switching equipment in each communication

equipment room in accordance with the Vertical Construction Specifications (Appendix S).

14. On page 2.27-19, Section 2.27.6.3.1, ***Brickyard BRT Station***, delete lines 7 through 9, and replace with the following:

    The Design-Builder shall install conduit and the required fiber cabling to support a fully functioning facility including installation of fiber between the communication equipment room at the west plaza through the pedestrian bridge to the communication equipment rooms on the northbound BRT Platform, southbound BRT Platform, and the east plaza in addition to installation of fiber cabling to support the Design-Builder provided equipment and systems including but not limited to heating, cooling, fire suppression, building management, access control, security, camera surveillance systems, vertical conveyance and IT. Fiber cabling is to be terminated and connected to the network switching equipment in each room to ensure a fully functioning facility network is established.

15. On page 2.27-19, Section 2.27.6.3.2, ***SR 522 Transit Hub BRT Station and SR 522 DA BRT Station***, delete lines 14 through 16, and replace with the following:

    The Design-Builder shall install conduit and the required fiber cabling between the communication equipment room and the Transit Hub Plaza, in addition to installation of fiber cabling to support the Design-Builder provided equipment and including but not limited to heating, cooling, fire suppression, building management, access control, security, camera surveillance systems, vertical conveyance and IT to support a fully functioning facility including installation of fiber to support digital passenger information signs, customer emergency phones, surveillance cameras located throughout the BRT Station. Fiber cabling is to be terminated and connected to the network switching equipment in each room to ensure a fully functioning facility network is established.

    The Design-Builder shall install conduit between the SR 522 Transit Hub communication equipment room and the data cabinet at the pick-up platform, and the northbound and southbound BRT Platforms at the SR 522 DA BRT Station. The Design-Builder shall provide a Customer Emergency Station (CES) along the pathway at the midpoint between the SR 522 Transit Hub pick-up platform and the SR 522 DA BRT Platforms. The CES shall support a Talkaphone ETP-MTE-72 or latest iteration of model of call station tower with a Talkaphone VOIP-500E or latest iteration of model of call station and integrate the CES with the existing Sound Transit systems.

16. On page 2.27-19, Section 2.27.6.3.3, ***Canyon Park BRT Station***, insert the following after line 17:

    The Design-Builder shall install conduit and the required fiber cabling to support a fully functioning facility including installation of fiber between the communication equipment room at the plaza to the communication equipment room on the plaza 3rd floor, in addition to installation of fiber cabling to support the Design-Builder provided equipment and systems including but not limited to heating, cooling, fire suppression, building management, access control, security, camera surveillance systems, vertical conveyance and IT. Fiber cabling is to be terminated and connected to the network

switching equipment in each room to ensure a fully functioning facility network is established.

17. On pages 2.27-19 and 2.27-20, Section 2.27.6.4, **Electrical and Data Conduits and Stub-outs,** delete line 30 on page 2.27-19 through line 2 on page 2.27-20, and replace with the following bullet points:

    - Shelter: one 1-inch electrical conduit and one 2-inch communications conduit at each end column of the shelter to provide a connection to above-grade internal raceway in the shelter
    - BRT Pylon: one 2-inch electrical conduit to one column and one 1-inch communications conduit to another column
    - Ticket Vending Machine (TVM): one 2-inch electrical conduit and one 1-inch communications conduit
    - Wayside Validators ngORCA (post mounted): one 1-inch communications conduit
    - Customer Emergency Station (CES): one 1-inch communications conduit
    - Sound Transit Light Pole: one 2-inch electrical conduit and one 1-inch communications conduit
    - Passenger Information Sign: one 2-inch electrical conduit and one 1-inch communications conduit

18. On page 2.30-13, Section 2.30.5.2.1, ***Certain Structure and Channel Design Characteristics***, insert the following after line 6:

    The Sammamish River "not low" lateral migration determination discussed in the Sammamish River Migration Risk Assessment (Appendix H) shall apply to the new structures within the river flow limits defined by the 500-year flood elevation.

19. On page 2.31-15, Section 2.31.3.7.3.1, **Tactile Wayfinding**, delete "and Sound Transit Architectural Directive Drawings (Appendix S)" from lines 28 through 29.

20. On page 2.31-17, Section 2.31.3.7.4, ***Stairs and Stair Railings***, delete the second sentence of the sixth paragraph on lines 31 through 36.

21. On page 2.31-20, Section 2.31.3.7.7.1, **SR 522 Comfort Station**, delete "in accordance with the *Sound Transit Design Criteria Manual* (Appendix S)" from lines 13 through 14.

22. On page 2.31-24, Section 2.31.3.8, **Finishes**, delete "in accordance with the *Sound Transit Design Criteria Manual* (Appendix S)" from lines 40 through 41.

23. On page 2.31-26, Section 2.31.3.9.1, ***Elevators***, insert the following bullet point on line 36:

    - The elevator lobby two-way communication device (Customer Emergency System - CES) shall be a Talkaphone VOIP-500E or latest iteration of model and integrate with the existing Sound Transit systems. The wall mount housing unit shall be a Talkaphone ETP-WMS or latest iteration of model and shall be vandal resistant, equipped with a blue light, and within view of the nearest CCTV camera.

24. On page 2.31-34, Section 2.31.3.9.9.1, **Brickyard BRT Station Electrical and Communications Work Summary**, insert the following after line 23:

    7. Provide the equipment racks and all supporting infrastructure in all the communication rooms including the fiber distribution rack/cabinet. Racks shall be at least 42U in height. See Vertical Construction Specifications (Appendix S) for additional information. Swing racks may be used at the Brickyard northbound and southbound communication equipment rooms.

        - Brickyard West Plaza Communication Equipment room – Quantity – 6 racks
        - Brickyard Northbound Communication Equipment room – Quantity – 2 racks
        - Brickyard Southbound Communication Equipment room – Quantity – 2 racks
        - Brickyard East Plaza Communication Equipment room – Quantity – 3 racks

25. On page 2.31-34, Section 2.31.3.9.9.2, **SR 522 DA BRT Station and Transit Hub BRT Station Electrical and Communications Work Summary**, insert the following after line 38:

    5. Provide the equipment racks in all the communication rooms including the fiber distribution rack/cabinet. Racks shall be at least 42U in height. See Vertical Construction Specifications (Appendix S) for additional information.

        - Transit Hub Communication Equipment room – Quantity – 4 racks

26. On page 2.31-35, Section 2.31.3.9.9.3, **Canyon Park BRT Station Electrical and Communications Work Summary**, insert the following item after line 21:

    8. Provide the equipment racks in all the communication rooms including the fiber distribution rack/cabinet. Racks shall be at least 42U in height. See Vertical Construction Specifications (Appendix S) for additional information.

        - Canyon Park Plaza Communication Equipment room – Quantity – 1 rack
        - Canyon Park Plaza 3rd Floor Communication Equipment room – Quantity – 3 racks

27. On pages 2.31-38 and 2.31-39, Section 2.31.3.9.14, ***Electronic/Communications Systems***, delete the first sentence of the first paragraph on line 38 on page 2.31-38 through line 2 on page 2.31-39, and replace with the following:

    The Design-Builder shall design communication systems and provide communication connection conduits and infrastructure in the vertical construction elements, including CCTV, the public address (PA), customer emergency station (CES), emergency communication devices, access control, passenger information displays, and connections to BMS.

Appendices

1. Appendix A01, **RFP Documents**, the following file is replaced:

    - A01_RFP_Documents

2. Appendix G02, **Geotechnical Data Report**, the following files are replaced and added:

- G02_4a_522-527_gINT
- G02_4b_Brickyard_gINT
- G02_TOC

3. Appendix L02, **I-405 Urban Design Criteria**, the following file is replaced:
    - L02_I-405_Urban_Design_Criteria
4. Appendix S05, **Illustrative Representation of a BRT Platform**, the following file is replaced:
    - S05_Illustrative_BRT_Platform
5. Appendix S26, **Sound Transit Camera Coverage and Resolution Requirements**, the following files are added:
    - S26_Coversheet
    - S26_Sound_Transit_Camera_Coverage_and_Resolution_Requirements
6. Appendix T44, **Type A and B Pullout Details**, the following files are added:
    - T44_Coversheet
    - T44_Type_A_and_B_Pullout_Details

Evelyn C. Pao, P.E.
I-405, Brickyard to SR 527 Improvement Project
Project Director