



City of Tacoma

**City of Tacoma  
Public Works Engineering Division**

**ADDENDUM NO. 4**

**DATE: 3/11/24**

**REVISIONS TO:  
Request for Bids Specification No. PW23-0085F  
J Street Bicycle Boulevard**

**NOTICE TO ALL BIDDERS:**

This addendum is issued to clarify, revise, add to or delete from, the original specification documents for the above project. This addendum, as integrated with the original specification documents, shall form the specification documents. The noted revisions shall take precedence over previously issued specification documents and shall become part of this contract.

**REVISIONS TO THE SUBMITTAL DEADLINE:**

The submittal deadline remains the same.

**REVISIONS TO THE SPECIAL PROVISIONS:**

Remove pages 157-158, relating to Section 8-33.2 of the Special Provisions, and replace in its entirety with pages 157-158, provided herein, and marked as Addendum 4.

**NOTE:** Acknowledge receipt of this addendum by initialing the corresponding space as indicated on the signature page. Vendors who have already submitted their bid/proposal may contact the Purchasing Division at 253-502-8468 and request return of their bid/proposal for acknowledgment and re-submittal. Or, a letter acknowledging receipt of this addendum may be submitted in an envelope marked Request for Bids Specification No. **PW23-0085F** Addendum No. 1. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

**8-33 TRAFFIC AND BICYCLE DELINEATORS****8-33.1 Description**

This work shall consist of the supply of traffic-separator curbing, flexible delineators, and bicycle directional tiles.

Traffic-separator curbing shall be high-performance, high-visibility, non-warping, nonmetallic durable plastic material; shall be resistant to damage due to impact, ultraviolet light, ozone, hydrocarbons, and other effects of atmospheric weathering; shall resist stiffening with age; and shall exhibit good workmanship and be free of burns, discoloration contamination and other objectionable marks or defects that affect appearance or serviceability. Product must be lightweight and easy to install and available in both yellow and white as noted on the plans. A standard curb height of about 3.5-inches and a low-profile curb height of about 2-inches are both specified separately on the plans.

Flexible guide posts (delineators) shall be made of flexible, non-warping, nonmetallic durable plastic material; shall be resistant to damage due to impact, ultraviolet light, ozone, hydrocarbons, and other effects of atmospheric weathering; shall resist stiffening with age; and shall exhibit good workmanship and be free of burns, discoloration contamination and other objectionable marks or defects that affect appearance or serviceability. The top of tubular posts shall be closed to prevent moisture or debris from entering. Traffic-separator curb mounted delineators shall be compatible with the traffic-separator curbing option selected. Surface mounted delineators shall be mounted on a base made of a rigid high impact resistant material and be resistant to ultraviolet light, ozone, and hydrocarbons. The post shall mount directly into or onto the base in a tamper proof manner and shall allow for easy replacement. The post system shall be designed for permanent installation to resist overturning, twisting, and displacement from wind and impact forces. A reactive spring unit must connect the base with the tubular post unit. Each flexible guide post shall be permanently identified with the manufacturer's name, and the month and year of fabrication. The letters shall be solvent resistant, a minimum of ¼ inch in height, and permanently affixed to the post.

Bicycle direction tiles shall be made of galvanized steel; shall be resistant to damage due to impact, ultraviolet light, ozone, hydrocarbons, and other effects of atmospheric weathering; shall exhibit good workmanship and be free from burns, discoloration contaminations and other objectionable marks or defects that affect appearance or serviceability. Powder coating shall provide a minimum coefficient of friction of 0.6 to provide a slip resistant finish.

**8-33.2 Materials**

High-performance traffic-separator curbing shall be dome shaped injection-molded polyethylene, and equipped with reflectors. It must come in approximately 40-inch long sections with an approximate width of 12-inches and an approximate height of 3.5-inches. Reflectors must be equipped to the proposed delineators to improve visibility. Product must come in both white and yellow as shown on the plans. Product must be surface mounted to existing pavement with both fixed and quick release options for anchoring of flexible delineators. End caps must be provided at the beginning and end of each stretch of traffic separator curbing.

1 High-performance low-profile traffic-separator curbing shall be dome shaped injection-  
2 molded polyethylene, and equipped with reflectors. It must come in approximately 40-  
3 inch long sections with an approximate width of 8-inches and an approximate height of  
4 2-inches. Reflectors must be equipped to the proposed delineators to improve visibility.  
5 Product must come in both white and yellow as shown on the plans. Product must be  
6 surface mounted to existing pavement with both fixed and quick release options for  
7 anchoring of flexible delineators.  
8

9 The flexible delineators shall be shaped as a 48" tall tubular marker with a squeezed  
10 section 14" tall. The squeezed section shall have reflective sheeting sized at 3"x12" and  
11 shall be Type III, IV, V, or VII conforming to WSDOT Standard Specification section 9-  
12 28.12. The tubular delineator shall be made of flexible HDPE plastic and shall be  
13 resistant to ozone, UV light and hydrocarbons. The tubular markings shall be colored  
14 white.  
15

16 Bicycle direction tiles shall be made of G90 galvanized steel; shall be resistant to  
17 damage due to impact, ultraviolet light, ozone, hydrocarbons, and other effects of  
18 atmospheric weathering. Product must be 18-inches wide.  
19

### 20 **8-33.3 Construction Requirements**

21  
22 High-performance traffic-separator curbing must be surface mounted per manufacturer's  
23 instructions. Location shall be laid out in the field and coordinated with the Inspector  
24 prior to final installation.  
25

26 Flexible delineators shall be built as specified in the plans shall meet MUTCD and  
27 WSDOT specifications. The base shall be securely mounted to high-performance traffic-  
28 separator curb and ground following manufacturer's instructions.  
29

30 Bicycle direction tiles shall be surface mounted per manufacturer's instructions.  
31

### 32 **8-33.4 Measurement**

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34 High-Performance Traffic-Separator Curbing shall be measured per linear foot.  
35

36 High-Performance Low-Profile Traffic-Separator Curbing shall be measured per linear  
37 foot.  
38

39 Flexible Delineators shall be measured per each.  
40

41 Green Bicycle Tiles shall be measured per linear foot.  
42

### 43 **8-33.5 Payment**

44  
45 Payment will be made for each of the following Bid items that are included in the  
46 proposal, and shall be full compensation for all Work associated with these items:  
47

48 "High-Performance Traffic-Separator Curbing", per linear foot.  
49

50 "High-Performance Low-Profile Traffic-Separator Curbing", per linear foot.  
51

52 "Flexible Delineators", per each.  
53

54 "Green Bicycle Tiles", per linear foot.  
55  
56

**END OF SECTION**