



**CITY OF TACOMA**  
**Public Works Engineering Division**

**ADDENDUM NO. 3**

**DATE 04/04/2023**

**REVISIONS TO:**

**Request for Bids Specification No. PW23-0021F**

**Links to Opportunity Streetscape – Bid Package 3**

**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 has been changed to 11:00 a.m., Pacific Time, Tuesday, April 18, 2023.

**REVISIONS TO THE PROPOSAL PAGES:**

**Remove and replace the Bid Proposal with Bid Proposal marked Addendum #3.**

**Bid Item R-69 Service Connection to Tacoma Power quantity is revised from 7 to 12.**

**REVISIONS TO THE SPECIAL PROVISIONS:**

**Special Provision 7-08.5 Payment section has been modified for clarification.**

**Adding special provision section 7-09.5 Payment for “Ductile Iron Sleeve 6 In. Diam.”**

**Special Provision 7-20.1 Trench Drain section has been modified for clarification.**

**REVISIONS TO THE PLANS:**

**Replace Plan sheet MC-01. Quantity of bid item R-69 Service Connection to Tacoma Power is changed from 7 to 12.**

## **GENERAL INFORMATION:**

No changes have been made but,

Emphasis to review the SPECIAL REMINDER TO ALL BIDDERS to ensure bid forms are filled out completely and accurately.

Emphasis to ensure EQUITY IN CONTRACTING REQUIREMENT percentages for Minority/Women/Small Business Enterprises are met or exceeded.

MBE – 10%, WBE – 8%, SBE – 14%

No changes have been made to the following special provisions but, emphasis to pay particular attention to the following sections:

### **1-07.23 Public Convenience and Safety –**

Work zone is limited and special requirements for working next to Sound Transit ROW are described. See also Appendix B and Appendix C.

Special requirements for business access, pedestrian safety, special event and holiday restrictions are described.

### **1-10 Temporary Traffic Control**

Special requirements for pedestrian safety and spotters are described.

### **2-18 Remove and Relocate Existing Site Feature**

Handling and storage of site features to be removed and reinstalled are described.

### **2-20 Remove Existing Site Features**

Special requirements for removal of fences and gates on private property are described.

### **8-35 Site and Street Furnishings**

Special requirements for installation of fences and gates on private property are described.

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. PW23-0021F Addendum No. 3. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

cc: Jon Kulju, Public Works Engineering

## Addendum #3

### **BID PROPOSAL**

SPECIFICATION NO. PW23-0021F  
Links to Opportunity Streetscape Bid Package #3

The undersigned hereby certifies that he/she has examined the location and construction details of work as outlined on the Plans and Specifications for Project No. PWK-G0041 and has read and thoroughly understands the Plans and Specifications and contract governing the work embraced in this improvement and the method by which payment will be made for said work, and hereby proposes to undertake and complete the work embraced in this improvement in accordance with said Plans, Specifications and contract and at the following schedule of rates and prices:

- NOTE: 1. Unit prices of all items, all extensions and total amount of bid should be shown. Show unit prices in figures only.
2. The notations below the item numbers refer to the specification section where information may be found regarding each contract item. These notations are intended only as a guide and are not warranted to refer to all specification sections where information may be found.

Item No.	Sect.	Item Description	Unit	Estimated Quantity	Unit Price	Total Amount
R-1	1-04	Minor Changes	Force Account	Estimate	Estimated	\$25,000.00
R-2	1-05	Roadway Surveying	Lump Sum	1	Lump Sum	\$_____
R-3	1-05	Record Drawings	Lump Sum	1	Minimum Bid \$1000	\$_____
R-4	1-07	SPCC Plan	Lump Sum	1	Lump Sum	\$_____
R-5	1-07	Archeological and Historical Objects Salvage	Force Account	Estimated	Estimated	\$10,000.00
R-6	1-09	Mobilization	Lump Sum	1	Lump Sum	\$_____
R-7	1-10	Pedestrian Traffic Control	Lump Sum	1	Lump Sum	\$_____
R-8	1-10	Uniformed Police Officer for Traffic Control	HR	500	\$_____	\$_____
R-9	1-10	Project Temporary Traffic Control	Lump Sum	1	Lump Sum	\$_____

Contractor's Name: \_\_\_\_\_

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Item No.	Sect.	Item Description	Unit	Estimated Quantity	Unit Price	Total Amount
R-10	2-01	Certified Arborist	Lump Sum	1	Lump Sum	\$ _____
R-11	2-01	Certified Arborist Assessment Report Compliance	Force Account	Estimated	Estimated	\$5,000
R-12	2-01	Roadside Cleanup	Force Account	Estimated	Estimated	\$70,625.00
R-13	2-01	Clearing and Grubbing	Lump Sum	1	Lump Sum	\$ _____
R-14	2-02	Removal of Structure and Obstruction	Lump Sum	1	Lump Sum	\$ _____
R-15	2-02	Test Holes	Lin. Ft.	100	\$ _____	\$ _____
R-16	2-06	Subgrade Maintenance and Protection	Lump Sum	1	Lump Sum	\$ _____
R-17	2-14	Remove Existing Pavement, Type I, Class A2	Sq. Yd.	200	\$ _____	\$ _____
R-18	2-14	Remove Existing Pavement, Type I, Class A4	Sq. Yd.	300	\$ _____	\$ _____
R-19	2-14	Remove Existing Pavement, Type I, Class C6	Sq. Yd.	3,800	\$ _____	\$ _____
R-20	2-14	Remove Existing Pavement, Type I, Class C12	Sq. Yd.	500	\$ _____	\$ _____
R-21	2-14	Remove Existing Pavement, Type III, Class C6	Sq. Yd.	100	\$ _____	\$ _____
R-22	2-15	Remove Curb	Lin. Ft.	200	\$ _____	\$ _____
R-23	2-18	Remove and Relocate Existing Planter Pot	Each	17	\$ _____	\$ _____
R-24	2-18	Remove and Relocate Existing Sign	Each	9	\$ _____	\$ _____
R-25	2-18	Remove and Relocate Existing Trash Can	Each	10	\$ _____	\$ _____

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Item No.	Sect.	Item Description	Unit	Estimated Quantity	Unit Price	Total Amount
R-26	2-18	Coordinate Bus Shelter Work with Pierce Transit	Each	4	\$ _____	\$ _____
R-27	2-18	Remove and Relocate Existing Kiosk	Each	1	\$ _____	\$ _____
R-28	2-18	Remove and Relocate Existing Mail Drop Box	Each	1	\$ _____	\$ _____
R-29	2-18	Remove and Relocate Existing Security Pole	Each	1	\$ _____	\$ _____
R-30	2-18	Remove and Relocate Existing Historic Maker's Mark Imprint	Each	4	\$ _____	\$ _____
R-31	2-19	Remove and Replace Existing Lid with ADA Compliant Non-slip Lid	Each	112	\$ _____	\$ _____
R-32	2-20	Remove Wall 0-4 Ft	Lin. Ft.	105	\$ _____	\$ _____
R-33	2-20	Remove Fence and Gate	Lin. Ft.	238	\$ _____	\$ _____
R-34	2-20	Remove Stairs	Sq. Ft.	40	\$ _____	\$ _____
R-35	2-20	Remove Business District Banner	Lump Sum	1	Lump Sum	\$ _____
R-36	2-21	Site Health & Safety Plan	Lump Sum	1	Lump Sum	\$ _____
R-37	2-21	Site Health and Safety Officer	Lump Sum	1	Lump Sum	\$ _____
R-38	2-21	Soil Management Plan	Lump Sum	1	Lump Sum	\$ _____
R-39	2-21	Excavation and Haul of Contaminated Materials	Force Account	Estimated	Estimated	\$5,000
R-40	4-04	Crushed Surfacing Base Course	Cu. Yd.	275	\$ _____	\$ _____
R-41	4-04	Crushed Surfacing Top Course	Cu. Yd.	225	\$ _____	\$ _____
R-42	5-04	HMA CL ½ In. PG 58H-22	Ton	140	\$ _____	\$ _____

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## Addendum #3

Item No.	Sect.	Item Description	Unit	Estimated Quantity	Unit Price	Total Amount
R-43	5-04	Cold Plant Mix for Temporary Pavement Patch	Ton	100	\$ _____	\$ _____
R-44	5-05	Cement Conc. Pavement	Sq. Yd.	30	\$ _____	\$ _____
R-45	7-05	Adjust Existing Catch Basin, Furnish New Frame and Grate	Each	2	\$ _____	\$ _____
R-46	7-05	Adjust Existing Utility Lid to Grade	Each	109	\$ _____	\$ _____
R-47	7-09	Ductile Iron Sleeve 6 in. Diam.	Lin. Ft.	15	\$ _____	\$ _____
R-48	7-17	Ductile Iron Sewer Pipe 3 in. diam.	Lin. Ft.	290	\$ _____	\$ _____
R-49	7-20	Trench Drain	Lin. Ft.	88	\$ _____	\$ _____
R-50	8-01	NPDES Construction Stormwater General Permit	Lump Sum	1	Lump Sum	\$ _____
R-51	8-01	Erosion Control and Water Pollution Prevention	Lump Sum	1	Lump Sum	\$ _____
R-52	8-01	Stormwater Pollution Prevention Plan (SWPPP)	Lump Sum	1	Lump Sum	\$ _____
R-53	8-02	Soil Mix 1	Cu. Yd.	256	\$ _____	\$ _____
R-54	8-02	Plant Selection – Tree	Each	57	\$ _____	\$ _____
R-55	8-02	Soil Amendment	Sq. Yd.	860	\$ _____	\$ _____
R-56	8-02	Tree Root Barrier	Lin. Ft.	1,573	\$ _____	\$ _____
R-57	8-02	Decorative Gravel	Cu. Yd.	20	\$ _____	\$ _____
R-58	8-02	Tree Protection	Each	14	\$ _____	\$ _____
R-59	8-02	Tree Watering Bag System	Each	15	\$ _____	\$ _____
R-60	8-03	Irrigation System Complete	Lump Sum	1	Lump Sum	\$ _____

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## Addendum #3

Item No.	Sect.	Item Description	Unit	Estimated Quantity	Unit Price	Total Amount
R-61	8-04	Traffic Curb and Gutter	Lin. Ft.	108	\$ _____	\$ _____
R-62	8-04	Pedestrian Curb	Lin. Ft.	60	\$ _____	\$ _____
R-63	8-04	Extruded Curb	Lin. Ft.	5	\$ _____	\$ _____
R-64	8-06	Cement Conc. Driveway Entrance Type 1	Sq. Yd.	100	\$ _____	\$ _____
R-65	8-06	Cement Conc. Driveway Entrance Type 2	Sq. Yd.	300	\$ _____	\$ _____
R-66	8-14	Cement Conc. Sidewalk	Sq. Yd.	5,105	\$ _____	\$ _____
R-67	8-14	Welcoming Mat	Sq. Ft.	360	\$ _____	\$ _____
R-68	8-20	Illumination System, Complete	Lump Sum	1	Lump Sum	\$ _____
R-69	8-20	Service Connection to Tacoma Power	Each	12	\$ _____	\$ _____
R-70	8-21	Permanent Signing	Each	19	\$ _____	\$ _____
R-71	8-22	Parking Stall Striping	Lin. Ft.	40	\$ _____	\$ _____
R-72	8-22	Access Parking Space Symbol	Each	1	\$ _____	\$ _____
R-73	8-22	Painting Curb	Lin. Ft.	123	\$ _____	\$ _____
R-74	8-22	Remove Paint Line	Lin. Ft.	44	\$ _____	\$ _____
R-75	8-30	Cement Conc. Stairway	Sq. Ft.	6	\$ _____	\$ _____
R-76	8-31	4" Conc. Sandblasting Strip	Lin. Ft.	2,000	\$ _____	\$ _____
R-77	8-32	Unit Pavers	Sq. Ft.	360	\$ _____	\$ _____
R-78	8-33	Granite Stone Panels with Quote	Each	9	\$ _____	\$ _____
R-79	8-34	Vertical Marker Columns	Each	2	\$ _____	\$ _____

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## Addendum #3

Item No.	Sect.	Item Description	Unit	Estimated Quantity	Unit Price	Total Amount
R-80	8-35	Bench	Each	4	\$ _____	\$ _____
R-81	8-35	Lighted Seat Block	Each	17	\$ _____	\$ _____
R-82	8-35	Lean Rail	Each	2	\$ _____	\$ _____
R-83	8-35	Game Table	Each	1	\$ _____	\$ _____
R-84	8-35	Street Chair	Each	4	\$ _____	\$ _____
R-85	8-35	Replace Existing Fence in Kind	Lin. Ft.	220	\$ _____	\$ _____
R-86	8-35	Replace Existing Gate in Kind	Each	8	\$ _____	\$ _____
R-87	8-36	Bike Corral	Each	3	\$ _____	\$ _____
R-88	8-38	Bike Rack	Each	34	\$ _____	\$ _____
R-89	8-40	Commercial ADA Ramp	Each	1	\$ _____	\$ _____
R-90	8-41	Cement Colored Concrete	Sq. Yd.	900	\$ _____	\$ _____
R-91	8-45	Informational Plaque	Each	11	\$ _____	\$ _____
R-92	8-46	Temporary Outdoor Mat for Pedestrians	Sq. Ft.	3,500	\$ _____	\$ _____
R-93	8-46	Temporary Bypass Ramps	Each	15	\$ _____	\$ _____
R-94	8-47	Accessibility Work Plan	Lump Sum	1	Lump Sum	\$ _____
R-95	8-48	Maintain Required Access	Lump Sum	1	Lump Sum	\$ _____
R-96	8-49	Protection or Private Property	Lump Sum	1	Lump Sum	\$ _____

**TOTAL BASE BID FOR ITEMS R-1 THRU R-96**

**\$ \_\_\_\_\_**

Contractor's Name: \_\_\_\_\_

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# Addendum #3

## 7-08 GENERAL PIPE INSTALLATION REQUIREMENTS (November 16, 2016 Tacoma GSP)

### 7-08.3(1) Excavation and Preparation of Trench

#### 7-08.3(1)A Trenches

*The tenth paragraph of this section is deleted. All dewatering requirements are found in section 8-01.3(1)C.*

#### 7-08.3(1)C Bedding the Pipe

*This section is supplemented with the following:*

Pipe bedding for sanitary and storm sewers shall be in accordance with City of Tacoma Standard Plan No. SU-16.

Pipe bedding for water service sleeve shall be in accordance with Tacoma Water standards.

### 7-08.3(2) Laying Pipe

#### 7-08.3(2)F Plugs and Connections

*This section is supplemented with the following:*

Rigid couplings, manufactured by Romac Industries, Inc., or Engineer approved equal, shall be used at any pipe joint in which bell and spigot or fused joints are not used. Flexible couplings are not permitted, except for side sewer installation.

#### 7-08.3(2)G Jointing of Dissimilar Pipe

*This section is revised to read:*

Dissimilar pipe shall be joined by use of rigid couplings manufactured by Romac Industries, Inc., or Engineer approved equal, except for side sewer installation.

### 7-08.3(3) Backfilling

*The second paragraph is revised to read:*

Pipe zone backfill, backfill above pipe zone, and extra excavation area backfill material shall meet the requirements of Section 9-03.12(2). Recycled concrete shall not be used for pipe zone bedding, pipe zone backfill, backfill above pipe zone, and extra excavation area backfill

*The fourth paragraph is revised to read:*

Backfill above the pipe zone shall be accomplished in such a manner that the pipe will not be shifted out of position nor damaged by impact or overloading. If pipe is being placed in a new embankment, backfill above the pipe zone shall be placed in accordance with Section 2-03.3(14)C. If pipe is being placed under existing paved areas, or roadways, backfill above the pipe zone shall be placed in horizontal layers no more than 12-inches thick and compacted to 95-percent maximum density. If pipe is being placed in non-traffic areas, backfill above the pipe zone shall be placed in horizontal layers no more than 12-inches thick and compacted to 85-percent maximum density. All compaction shall be in accordance with the Compaction Control

## Addendum #3

Test of Section 2-03.3(14)D. Material excavated from the trench shall be used for backfill above the pipe zone, except that organic material, frozen lumps, wood, rocks, or pavement chunks larger than 6-inches in maximum dimension shall not be used. Material determined by the Engineer to be unsuitable for backfill at the time of excavation shall be removed and replaced with imported backfill material meeting the requirements of Section 9-03.12(2). Material determined to be suitable for backfill at the time of excavation shall be stockpiled and used for backfill material. If the stockpiled material becomes unsuitable, the Contractor shall furnish suitable material in an amount equal to that, which became unsuitable, at no expense to the Contracting Agency.

### **7-08.3(4) Plugging Existing Pipe**

*This section is revised to read:*

If construction of the new sewer pipe does not result in the removal of the existing pipe due to differing alignments, then the existing pipe shall be abandoned in place as shown in the Plans. The Contractor shall plug all pipe branches, stubs, or other open ends of the pipe to be abandoned and fill with CDF. The Contractor shall submit a Pipe Abandonment Plan in accordance with Section 1-05.3 describing the proposed methods for filling the pipes with CDF, specifically addressing how the pipes will be filled in a manner that will prevent air pockets from being left in the abandoned pipe. The CDF mix design shall meet the requirements of Section 2-09.3(1)E.

### **7-08.4 Measurement**

*This section is supplemented with the following:*

Abandonment of existing sewer pipes will be measured by the cubic yard of CDF necessary to fill the existing pipes.

### **7-08.5 Payment – Addendum #3**

*The pay item for "Structure Excavation Class B" is revised to read:*

"CDF for Pipe Abandonment", per cubic yard.

The unit Contract price for "CDF for Pipe Abandonment" shall be full payment for all labor, materials, and equipment necessary to abandon the sewer pipes.

**END OF SECTION**

## Addendum #3

### 7-09 Water Mains

#### 7-09.1 Description

*This section is revised to read:*

The Work consists of constructing a water service sleeve in accordance with Tacoma Water standards at the location shown on the plans. The Contractor must coordinate this Work with the property owner.

#### 7-09.1(1)D Pipe Zone Backfill

*This section is revised to read:*

Pipe zone backfill includes material placed above the gravel backfill for pipe zone bedding per Tacoma Water standards.

#### 7-09.5 Payment \_Addendum #3

*This section is supplemented with the following:*

"Ductile Iron Sleeve 6 In. Diam.", per linear foot.

The unit Contract price per linear foot for the proposed "Ductile Iron Sleeve" shall be full pay for all Work to complete the installation of the water service sleeve in accordance with Tacoma Water standards. Contractor must coordinate required sleeve diameter and location with property owner and Tacoma Water.

**END OF SECTION**

# Addendum #3

The Standard Specifications are supplemented with the following:

## **7-20 TRENCH DRAIN – Addendum #3**

### **7-20.1 Description**

This work consists of construction trench drain in accordance with the Plans and these specifications. Construction involves the following components:

- A. System requirements: Provide a trench drain system with an ADA compliant frame and grate and cast-in-place concrete trench as shown on the plans.
- B. Gratings shall comply with the load requirements of AASHTO or DIN/EN loading specifications as required by the Engineer. Gratings shall comply with City of Tacoma accessibility requirements and national ADA standards.
- C. Integral frames which extend onto the concrete slab shall include consolidation vent ports which help minimize air entrapment under the frame when proper vibration techniques are used.
- D. Frames which extend onto the concrete slab shall include anchoring studs which secure the frame into the surrounding concrete. Anchoring studs shall be a minimum of 0.5 in (6 mm) in diameter, and shall extend at least 3 in (75 mm) from the frame. The anchor studs shall be spaced 24 in (610 mm) or less along the length of the grate.
- E. Installation chairs which support the channels and help resist system floating during concrete placement shall be utilized as supplied by the manufacturer. Chairs also allow for system adjustment and alignment prior to concrete placement.
- F. Polymer concrete systems shall include a continuous anchoring rib at the base of each side of the channels to help resist floating during concrete placement.
- G. All piping interface connections shall be compatible with PVC or ABS adhesive.
- H. Fiberglass systems shall either include surface veil or gel coat on the media bearing surface with a UV inhibitor package.

### **7-20.2 Classification**

Trench drains shall be provided by the contractor and the following information shall be submitted to the Engineer:

- A. Product Data: Submit product data and installation instructions including manufacturer's data sheets for specified products.
- B. Product Drawings: Submit shop drawings showing layout, profiles and product components, including anchorage, accessories, finish colors, patterns and textures.
- C. Quality Assurance Submittals: Upon request, submit the following:

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1           1. Test Reports: Certified test reports showing compliance with specified performance  
2           characteristics and physical properties. Reports shall be stamped by a licensed  
3           Professional Engineer.

4  
5           2. Certificates: Product certificates signed by manufacturer certifying materials comply  
6           with specified performance characteristics and criteria and physical requirements.

7  
8           D. Manufacturer and Contractor Warranty Documents: Upon request.

### 9 10 **7-20.3      Construction Requirements**

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12           Construction of the trench drain shall meet the following specifications:

#### 13 **Site Preparation:**

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15  
16           A. Surface Preparation: Ensure ground conditions are suitable. Poor site conditions require  
17           engineering advice.

18  
19           B. Reinforcement: All reinforcement shall be in compliance with Concrete Reinforcing Steel  
20           Institute, as shown on the site drawings, and shall be firmly held in place during concrete  
21           placement.

22  
23           C. The slab shall be designed to hold any applicable holds and shall be built with an  
24           appropriate factor of safety.

#### 25 **Installation:**

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27  
28           A. Install precast trench drain per manufacturer installation instructions at locations indicated  
29           on the site drawings.

30  
31           B. Expansion, Construction, and Control Joints: Site plans shall include the location of all  
32           concrete joints. The system shall not be used as an expansion, construction, or control joint  
33           in the direction of flow. Expansion, construction, and control joints oriented transverse to the  
34           direction of flow shall cross the system at a channel joint.

35  
36           C. Precast Trench Drain System Installation: Ensure channels are surrounded on all sides by  
37           concrete of minimum 3000 psi (20,684 kPa) compressive strength. Check relevant  
38           installation section drawings for minimum suggested dimensions required.

39  
40           D. Concrete Edge: Concrete shall be screeded and finished flush to the top surface of the  
41           trench drain system. No secondary edge-finishing tools shall be used.

42  
43           E. Site Tolerances: ½-inch lateral, ¼-inch vertical, maintaining all required ADA slope and  
44           distance thresholds.

45  
46           F. Related Products Installation: Refer to other sections in Related Sections paragraph herein  
47           for related products installation.

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### 7-20.4 Measurement

The measurement of trench drains shall be measured per linear foot.

### 7-20.5 Payment

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

“Trench Drain”, per Linear Foot

The unit Contract price for “Trench Drain” shall be full payment for all labor, materials, and equipment necessary to install the proposed trench drain, grate, frame, and associated curb cut(s).

**END OF SECTION**