ADDENDUM NO. 1     DATE:  1-23-2024

REVISIONS TO:
Request for Bids Specification No. PW23-0003F
Streets Initiative Package #15

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, February 6, 2024.

REVISIONS TO THE PLANS:

Revision #1
Replace the following project plan sheets with the attached plan sheets including Addendum 1 revisions (5 pages/plan sheets):

1. Sheet No. 15 / Sheet SD-1 of SD-2
2. Sheet No. 19 / Sheet C-3 of C-11
3. Sheet No. 20 / Sheet C-4 of C-11
4. Sheet No. 26 / Sheet C-10 of C-11
5. Sheet No. 53 / Sheet PLT-6 of PLT-6

REVISIONS TO THE SPECIFICATIONS:

Revision #1
Bid deposit delivery address needs to be updated in section 1-02.7. Replace contract specification section 1-02.7 with the following:

1-02.7 Bid Deposit
(March 1, 2021 Tacoma GSP)
Delete this section and replace it with the following:

A deposit of at least 5 percent of the total Bid shall accompany each Bid. This deposit may be cash, certified check, cashier’s check, or a proposal bond (Surety bond). Any proposal bond shall be on the Contracting Agency’s form and shall be signed by the
Bidder and the Surety. A proposal bond shall not be conditioned in any way to modify the minimum 5 percent required. The Surety shall: (1) be registered with the Washington State Insurance Commissioner, and (2) appear on the current Authorized Insurance List in the State of Washington published by the Office of the Insurance Commissioner.

The failure to furnish a Bid deposit of a minimum of 5 percent shall make the Bid nonresponsive and shall cause the Bid to be rejected by the Contracting Agency.

If submitting your bid electronically, a scanned version of the original bid bond or cashier’s check shall accompany your electronic bid submittal. The original bid bond or cashier’s check shall be sent to the Contracting Agency and received by the Contracting Agency within 7 calendar days of the bid opening or the bidder may be deemed non-responsive.

Original bid bonds or cashier’s check will be delivered to:

Tacoma Public Utilities Administration Building North,
Main Floor, Lobby Security Desk
3628 South 35th Street
Tacoma, WA 98409
Monday – Friday 8:00 am to 4:30 pm

If so stated in the Contract Provisions, cash will not be accepted for a bid deposit.

Revision #2
WSDOT Standard plan B-30.30-03 in Appendix A of the specifications is missing approving signature and needs to be replaced with the attached WSDOT Standard plan B-30.30-03 with approving signatures. Replace WSDOT standard plan B-30.30-03 in Appendix A of the specifications with the attached WSDOT Standard plan B-30.30-03 for Addendum 1 (1 page).

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. PW23-0003F 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.

cc: Basel Kitmitto, Public Works Engineering
STORMFILTER DESIGN NOTES


CARTRIDGE FLOW RATE: 6.75 gpm (0.125 L/s)

PEAK FLOW RATE (cfs) [L/s]:
- INLET PIPE #1: 1.5 gpm (0.038 L/s)
- INLET PIPE #2: 1.5 gpm (0.038 L/s)
- OUTLET PIPE: 1.5 gpm (0.038 L/s)

WEIGHT:
- CARTRIDGE: 8.35 lbs (3.8 kg)
- MANHOLE: 280.52 lbs (127 kg)
- OUTLET SUMP: 278.22 lbs (126 kg)

SUMP:
- DEPTH: 9'-0" (2743 mm)
- DIAMETER: 9'-0" (2743 mm)
- MATERIAL: PVC SDR 35

INLET:
- DIAMETER: 8'-0" (2438 mm)
- MATERIAL: PVC SDR 35

ENGINEERING DIVISION MANAGER

STORMFILTER STRUCTURE:
- PEAK HYDRAULIC CAPACITY IS 1.8 cfs (51 L/s)
- IF THE SITE CONDITIONS EXCEED 1.8 cfs (51 L/s) AN UPSTREAM BYPASS STRUCTURE IS REQUIRED.

INLET:
- PEAK HYDRAULIC CAPACITY IS 1.8 cfs (51 L/s)
- SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOSORB MEDIA.
- SPECIFIC FLOW RATE (gpm/sf) [L/s/m²]: 0.32 cfs/sf (5.4 L/s/m²)

CARTRIDGE:
- HEIGHT: 282.91 inches (718.8 cm)
- DIAMETER: 12 inches (30 cm)
- MATERIAL: PVC SDR 35

OUTLET:
- DIAMETER: 24 inches (61 cm)
- HEIGHT: 286.30 inches (726.7 cm)

FOOTING:
- DIAMETER: 24 inches (61 cm)
- MATERIAL: PVC SDR 35

RIM ELEVATION:
- PEAK: 100 ft (30.5 m)
- LOW DROP: 1.8' (550 mm)
- ANTI-FLOTATION BALLAST

ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.

CONSTRUCTION-RELATED EROSION RUNOFF.

CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT CASTINGS.

CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET PIPE(S).

STORMFILTER STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.

STORMFILTER STRUCTURE SHALL MEET AASHTO HS-20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 5' (1524 mm)

CONSTRUCTION SHALL MEET AASHTO HS-20 LOAD RATING, ASSUMING EARTH COVER OF 0' - 5' (1524 mm)

SELF CLEANING. RADIAL MEDIA DEPTH SHALL BE 7-INCHES (178 mm). FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 38 SECONDS.

FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING.

FILTER CARTRIDGES SHALL BE AT LEAST 38 SECONDS.

CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com

CALL BEFORE YOU DIG

EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS.

CALL TWO BUSINESS DAYS BEFORE YOU DIG (1-800-424-5555) OR VISIT ONLINE: www.callbeforeyoudig.org

POTHOLING AND AVOIDING ALL EXISTING UTILITIES.

CONTRACTOR TO PROVIDE AND INSTALL CONNECTOR TO THE OUTLET RISER STUB. STORMFILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW, AND SELF-CLEANING.

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INSTALLATION NOTES

GENERAL NOTES

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ADDENDUM 1
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**MULCH TREE PIT MIN 5' LENGTH AND FULL PLANTING STRIP WIDTH BETWEEN CURB AND SIDEWALK, FOR PLANTING STRIPS LESS THAN 6' WIDE; OR PROVIDE 5' DIA MULCH RING, FOR PLANTING STRIPS WIDER THAN 6'**

**NOTES:**
1. PLANTING INCLUDES REMOVAL OF STAKES ONE YEAR AFTER INSTALLATION.
2. SHAPE SOIL SURFACE TO PROVIDE 4' DIA WATERING RING.
3. TREE CLEARANCE SHALL BE PER STD PLAN LS-02.
4. SEE STD PLAN LS-03 FOR TREE WELL DIMENSION DETAIL.
5. ROOT BARRIERS SHALL BE AN INJECTION MOLDED OR EXTRUDED MODULAR COMPONENT MADE OF HIGH DENSITY POLYPROPYLENE OR POLYETHYLENE PLASTIC. 18" DEPTH X 10' LENGTH ROOT BARRIER IS REQUIRED ALONG EDGE OF ROADWAYS, CURBS, DRIVEWAYS, OR OTHER STRUCTURES WHERE ROOT BALL IS WITHIN 4 FEET. INSTALL ROOT BARRIER FOR NEWLY PLANTED TREES ONLY.

**STAKES TO BE ERECTED PARALLEL TO CURB EDGE AND EQUAL DISTANCE FROM THE TRUNK:**
- 2' MIN
- 2'-6" MIN

**"CHAINLOCK" OR SIMILAR TREE TIE MATERIAL OF 1" DIA RING, OR STACK TREE TIE MATERIAL TO STACK ON TOP VERTICALLY. 3 LOOP RING OF TREE TIE MATERIAL TO PROVIDE 1" SLACK FOR TRUNK GROWTH**

**3"-4" (SETTLED) ARBORIST WOOD CHIP MULCH DEPTH, TAPERED AT TRUNK**

**ROOT CROWN EDGE TO NOT BE PENETRATED BY STAKES**

**TREE TIE ATTACHMENT TO TRUNK NO GREATER THAN 1/3 TREE HEIGHT**

**SIDEWALK**
- DRIVE STAKES 6" TO 1' INTO UNDISTURBED SOIL BELOW CURB & GUTTER
- REMOVE ALL WIRE, STRINGS AND BURLAP MATERIAL FROM ROOTBALL

**PLANTING & RESTORATION PLAN**

**DEPARTMENT OF PUBLIC WORKS**

**PLANTING & RESTORATION PLAN**

**STREET INITIATIVE PKG 15**

**NOTES & DETAILS**

**ADDENDUM 1**

**CALL BEFORE YOU DIG**

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NOTES

1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 304 Stainless Steel (S.S.) 5/8" (in) – 11 NC x 2" (in) allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.

2. Refer to Standard Specification Section 9-05.15 and 9-05.16(2) for additional requirements.

3. For frame details, see Standard Plan B-30.10.