FIRST HILL BPS SYSTEM TUNING
RFQ NUMBER: 25-31

ADDENDUM NO. 1

ISSUED THIS DATE: June 18, 2025

RFQ SUBMITTAL DEADLINE: **2:00 PM (PST) on July 1, 2025**

This addendum is for the First Hill BPS System Tuning request for qualifications, RFQ No. 25-31, issued June 5, 2025. The document is posted to provide agency responses to questions received as of 12 noon, June 18, 2025, and to provide supplemental documentation to the RFQ. The final deadline for questions to be received is Tuesday, June 24, 2025, at 12 noon. If additional questions are received a second addendum will be issued.

The addendum shall become fully a part of the above-named project RFQ documents. Each firm shall be responsible for reading this addendum to ascertain to what extent and in what manner it affects the scope of work.

This Addendum consists of a total of eight (8) pages, as detailed below:

1. ADDENDUM No. 01, dated June 18, 2025, containing answers to questions received as of June 18, 2025. Total of 2 pages.
2. Station Photos. Total of 6 pages.

Questions & Answers

Q1: What elevation is the station at?

A1: 318’

Q2: Are there any PRVs in the zone that allow flows to other zones?

A2: There is only one PRV located at the intersection of 72nd Ave SE and SE 27th St. which provides redundancy to the 398_Reservoir zone during a loss of pressure. The 398_Reservoir zone is gravity fed from the two 4-million-gallon reservoir tank outlets and is typically in the 56 to 60 psi range. The PRV information is below.

Control Valve ID: PRV-B2-D

Control Type: Pressure Reducing Valve
Year Installed:2009

Upstream Setting:84
Downstream Setting:42

The scope of work for this RFQ is expected to include an investigation into whether this PRV sees flow, which could increase the effective demand of the First Hill Booster Pump Station.

Q3: The 2015 Water System Plan describes the two 40 HP pumps as providing high season demand.

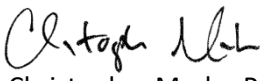
A3: To my knowledge, this is the only instance where the operation is described this way. The original design intent—and the operational requirements outlined by the City in this RFQ—require that domestic demand be met exclusively by the smaller pumps, with the 40 HP pumps reserved solely for emergency fire flow situations.

Q4: Are there any issues with the electrical equipment being located underground, or a desire to bring this equipment above grade? How about NEC requirements?

A4: Given the residential setting, existing site constraints, and consistency with similar facilities, electrical panels should remain within the below-grade vault. All improvements must comply with applicable NEC standards, including minimum working clearances.

Q5: Can we go down into the station?

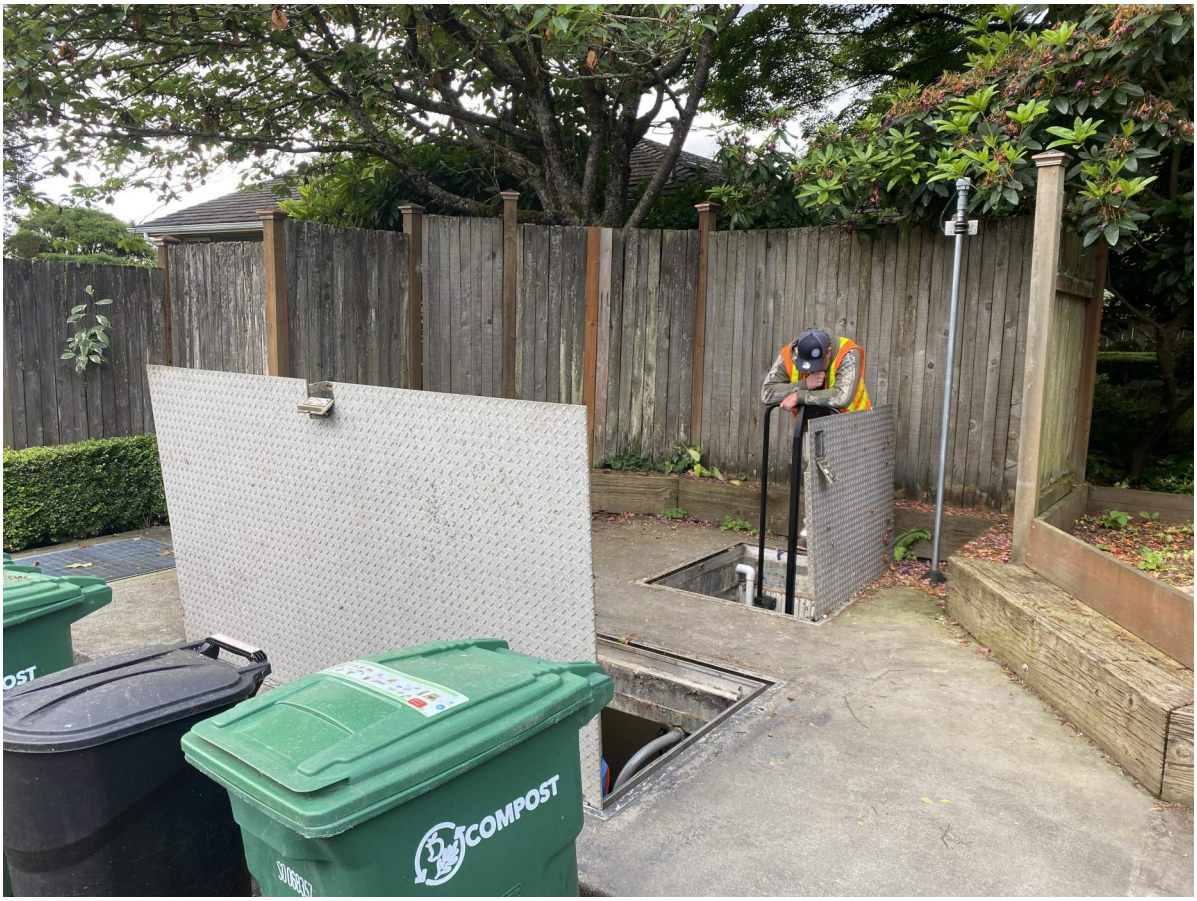
A5: Yes, but consultants and contractors must be trained in confined space entry and follow their own confined space entry procedures. City staff will not provide equipment or serve in roles such as entry attendant or entry supervisor. A supplemental exhibit of station photos will be provided.



Christopher Marks, P.E.
Utilities Engineer
City of Mercer Island – Public Works
206.677.1027 | mercerisland.gov/publicworks

SITE PHOTOS

CAPTURED: 6.18.2025



A1-3

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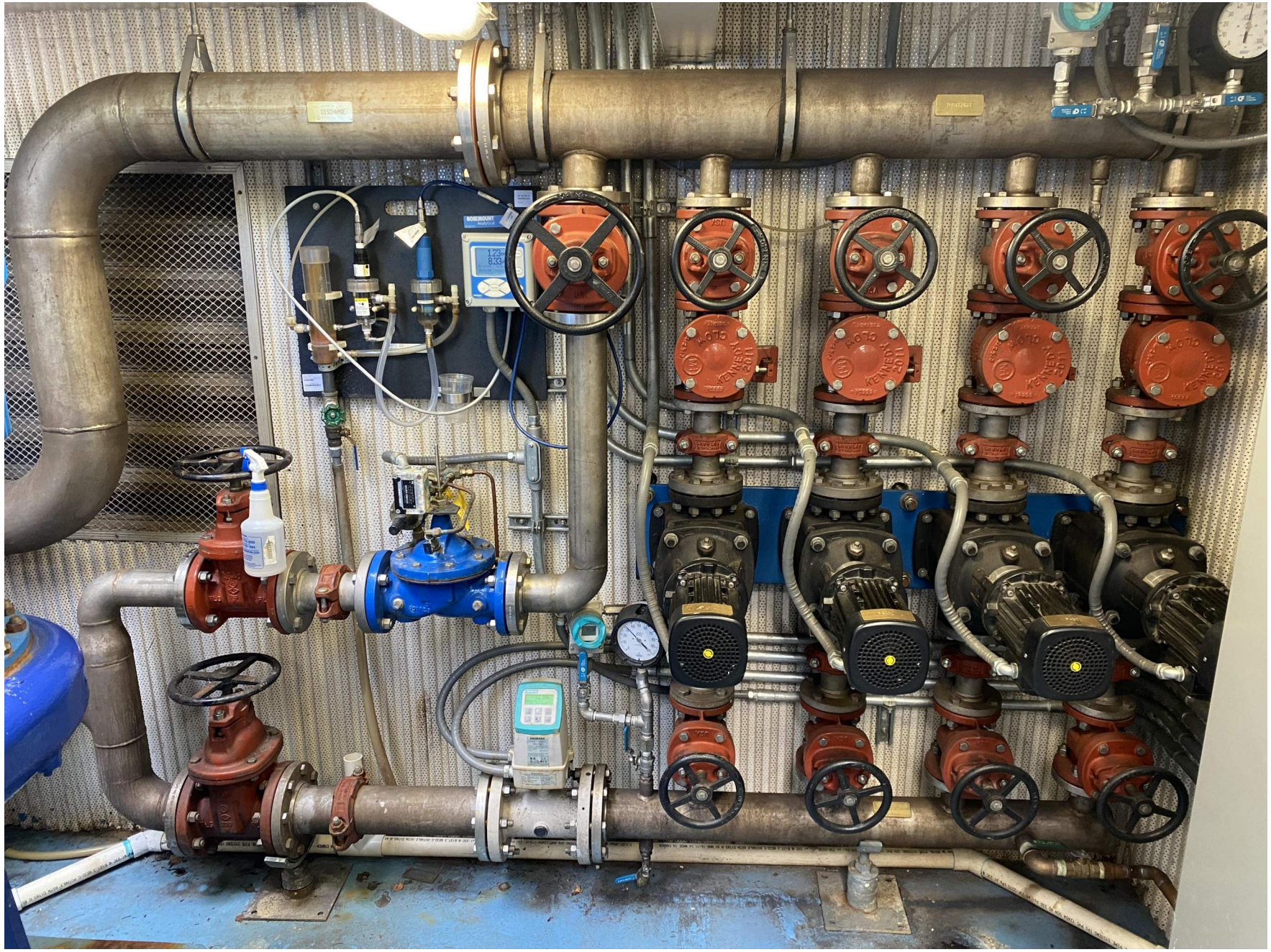

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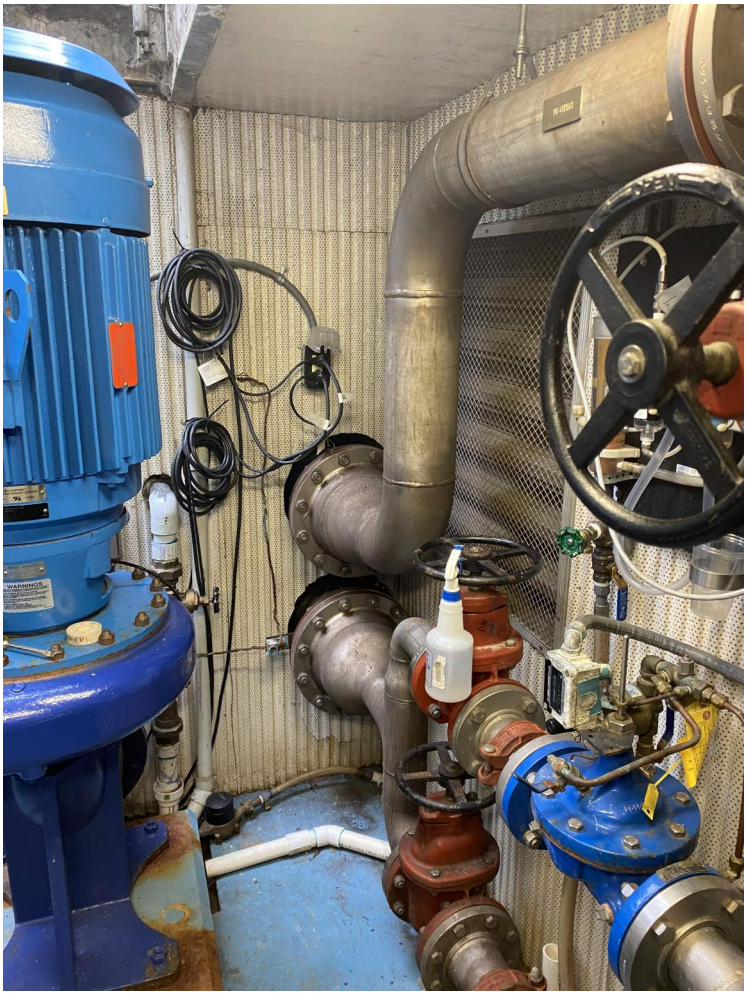


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