

THE CITY OF MARYSVILLE  
MARYSVILLE, CA

**ADDENDUM NO. 1**

CITY OF MARYSVILLE  
17TH STREET PUMP REPAIR PROJECT –  
2025 IRWM  
CONTRACT NO. 25-01

The purpose of this Addendum No. 1 is to notify Bidders of clarifications to the Project Plans for the above project. This Addendum shall be attached to and become a part of said Contract Documents. **THIS ADDENDUM SHALL BE SIGNED BY THE BIDDER, DATED AND SUBMITTED WITH THE PROPOSAL FOR THE PROJECT.**

**Bidder Questions / Clarifications:**

- 1) **Question:** *The Notice to Contractors says “Proposals will only be accepted from contractors represented at the pre-bid site review”, is there an exception?*

**Response:** If a bidder contacts the city and reviews the site, they can submit a bid.

- 2) **Question:** *Can we extend the bid date, we need more time after our questions are answered?*

**Response:** The bid date has been extended to May 15<sup>th</sup> with the same bid time.

- 3) **Question:** *Is an encroachment permit required?*

**Response:** If there is a lane closure or shift needed for the crane, then a no cost encroachment permit with the city is needed.

- 4) **Question:** *Is traffic control required and, if so, is it the responsibility of the contractor?*

**Response:** If there is a lane closure or shift needed for the crane, then the contractor is responsible for the traffic control.

- 5) **Question:** *Are there specifications for the new 8” check valve?*

**Response:** Valmatic 500A Swing-Flex or equal 8” check valve

- 6) **Question:** *Do the proposed bowls (Schedule B) and new pumps (Schedule C) need to meet the testing and specification requirements as shown in Division 35 – Waterway and Marine Construction, Section 35 45 01 Vertical Pumps, Axial-Flow and Mixed Flow Impeller-Type, page 1 – 33?*

**Response:** Yes, but see comments below for clarification.

7) **Question:** *Is repair work required for the existing gear drives?*

**Response:** The existing gear drives are currently operating well and repair of them is not in the current scope.

8) **Question:** *The bid form states three Cascade 20MF bowl assemblies at 890 RPM rated for 12,000 gpm at 37' TDH (see curve CQ2250-A). Specification section 35 45 01 from the bid packet calls out for three larger pumps and one smaller pump, each with six different duty points. Is the bid for the three pumps from the bid form or the four pumps from the specification?*

**Response:** Fusion bonded epoxy coating on bowls and pump columns.

9) **Question:** *If we are quoting the four pumps from specification section 35 45 01, what is the speed and horsepower rating of the existing motors?*

**Response:** Two of the existing motors are currently being replaced with new CAT C7.1 rated up to 190 hp continuous load (225 hp intermittently), and the third motor is a similar CAT engine. All three operate through a 2:1 gear drive.

10) **Question:** *For the high-capacity pumps from specification section 35 45 01, the 20MF does not meet the required 80% pump efficiency at the highest flow condition. Pump efficiency at the high flow condition is about 77-78%. Is this acceptable?*

**Response:** No 80% would not apply to highest flow condition, that efficiency is acceptable for the high flow condition.

11) **Question:** *The spec mentions operating under siphon, but it doesn't explicitly call out the COS/high head condition to achieve siphon. Should we assume that it's the highest head condition specified for each pump?*

**Response:** Correct, assume the siphon would be created under the highest head.

12) **Question:** *Are there drawings and electrical data available for the existing pumps? In order to quote an equivalent replacement, we need to know the pump length, discharge nozzle size/configuration, etc.*

**Response:** A copy of the pump replacement tech memo is attached to this addendum that includes the as-built drawings and existing pump data.

13) **Question:** *What type of coating is required for the pumps?*

**Response:** Fusion bonded epoxy coating on bowls and pump columns.

- 14) **Question:** *It is our understanding that the repaired and/or new pumps will be driven by existing engines and gear heads. However, there is an entire specification (Section 26 29 01) covering 3-phase vertical hollow shaft motors. Please confirm whether Bid Schedule C includes electric motors for the 3 new vertical turbine pumps*

**Response:** No new electric motors, the existing diesel engines and gear drives will be reused.

- 15) **Question:** *Section 35 45 01 states: the vertical pumps shall be 600 RPM. However, the bid schedule states 880 RPM. Please confirm.*

**Response:** The pump speed is 880 RPM.

- 16) **Question:** *Please confirm impeller material for new Cascade 20MF impellers. Per Section 35 45 01 Part 2.4.8, the material shall be cast steel or welded steel plate. Bronze was expected, please confirm.*

**Response:** The bowl assembly is comprised of suction and discharge bowls cast from ASTM-A-48, class 30 iron, impeller cast from lead free bronze, shaft made from type 416 stainless steel, sleeve type guide bushings made from bronze, and split thrust collar and key made from stainless steel.

- 17) **Question:** *Please confirm the requirement of impeller shaft bearing heat sensors per Section 35 45 01 Part 2.4.12*

**Response:** An impeller shaft heat sensor is not required.

- 18) **Question:** *Please identify the required coatings for new pump bowls, column, impeller, etc.*

**Response:** Fusion bonded epoxy coating on bowls and pump columns. No coating on the brass impeller.

- 19) **Question:** *Excluding the pump flow/pressure performance tests required after pump installation, how many other tests must the contractor perform? How many tests can be provided by the pump or motor manufacturer?*

**Response:** The examination of the castings and witness test can be performed by the manufacturer along with the manufacturer pump tests. There are no motors provided other than the motor for the submersible nuisance pump.

20) **Question:** For section 35 45 01. Part 3.2 Field tests. What is the source of the water for the wet testing? Should we assume, the wet test will be waived?

**Response:** The wet testing will be performed when the basin fills and will likely be delayed until the first rainfall. The testing will be coordinated with the contractor and will not count against the project completion date, but will be part of the final acceptance.

**Attachments:** Pump Tech Memo

**BIDDER:**

\_\_\_\_\_  
NAME

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ADDRESS  
\_\_\_\_\_

\_\_\_\_\_  
SIGNATURE

DATE: \_\_\_\_\_

**PREPARED BY:**

*John Mallen*

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CITY OF MARYSVILLE

DATED: May 7, 2025

*Bid opening date and time is changed by this*

*Addendum No. 1 to Thursday, May 15, 2025*

**at 2 P.M.**