



# CITY OF PETALUMA

POST OFFICE BOX 61  
PETALUMA, CA 94953-0061

## ADDENDUM NO. 3

### Ellis Creek Water Recycling Facility Tertiary Filtration Expansion FILTER ADDITIONS AND MISCELLANEOUS IMPROVEMENTS PROJECT

CITY PROJECT NUMBER C66401416

June 19, 2023

This Addendum No. 3 modifies the Bidding Documents for the Ellis Creek Water Recycling Facility Tertiary Filtration Expansion – **Filter Additions and Miscellaneous Improvements Project**, C66401416. This Addendum shall become part of the Contract and all provisions of the Contract shall apply thereto. Bidders shall acknowledge all Addendums in the Bid Schedule.

### SECTION I - BID FORMS

1. Document 00820 FEDERAL AND STATE FUNDING REQUIREMENTS - Insert the following ARTICLE 8 and 9 into Document following article 7

### **ARTICLE 8 — AMERICAN IRON AND STEEL (AIS) REQUIREMENTS**

- 8.01 The Contractor acknowledges to and for the benefit of Owner (“Purchaser”) and the United States Environmental Protection Agency (“EPA”) that it understands the goods and services under this Agreement are being funded with monies made available by the Water Infrastructure Finance and Innovation Act program of the EPA that has statutory requirements commonly known as “American Iron and Steel” that requires all of the iron and steel products used in the project to be produced in the United States (“American Iron and Steel Requirement”) including iron and steel products provided by the Contractor pursuant to this Agreement. The Contractor hereby represents, warrants and covenants to and for the benefit of the Purchaser and the EPA that (a) the Contractor has reviewed and understands the American Iron and Steel Requirement, (b) all of the iron and steel products used in the project will be and/or have been produced in the United States in a manner that complies with the American Iron and Steel Requirement, unless a waiver of the requirement is approved, and (c) the Contractor will provide any further verified information, certification or assurance of compliance with this paragraph, or information necessary to support a waiver of the American Iron and Steel Requirement, as may be requested by the Purchaser or the EPA. Notwithstanding any other provision of this Agreement, any failure to comply with this paragraph by the Contractor shall permit the Purchaser or the EPA to recover as damages against the Contractor any loss, expense, or cost (including without limitation attorney’s fees) incurred by the Purchaser or the EPA resulting from any such failure (including without limitation any impairment or loss of funding, whether in whole or in part, from the EPA or any damages owed to the EPA by the Purchaser). While the Contractor has no direct contractual privity with the EPA, as a lender to the Purchaser for the funding of its project, the Purchaser and the Contractor agree that the EPA is a third-party beneficiary and neither this paragraph (nor any other provision of this Agreement necessary to give this paragraph force or effect) shall be amended or waived without the prior written consent of the EPA.

Kevin McDonnell  
Mayor

Brian Barnacle  
Janice CaderThompson  
Mike Healy  
Karen Nau  
John Shribbs  
Dennis Pocekay  
Councilmembers

#### *Public Works & Utilities*

*City Engineer*  
11 English Street  
Petaluma, CA 94952  
Phone (707) 778-4303

*Environmental Services*  
Ellis Creek Water  
Recycling Facility  
3890 Cypress Drive  
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Phone: (707) 776-3777  
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Maintenance*  
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- 8.02 Comply with American Iron and Steel Provisions as provided on the following website: <https://www.epa.gov/cwrsf/state-revolving-fund-american-iron-and-steel-ais-requirement>.
- 8.03 Contractor shall submit a signed copy of Attachment D - Certification Regarding American Iron and Steel (AIS) Requirements with the Bid.
- 8.04 Contractor shall prepare and maintain all AIS documentation and any waiver applications in a three-ring binder to be kept in the construction office throughout the duration of the Project.
- A. Contractor will submit a monthly log with each progress payment request Attachment E - American Iron and Steel (AIS) Monthly Materials Log.
- B. Contractor will submit all documentation and records to the Owner following receipt of final payment.
- 8.05 Project records.
- A. Contractor and Subcontractors shall maintain separate books, records and other materials relative to Project. Contractor shall submit a copy of all such records to the Owner as a condition for final payment. Contractor and Subcontractors shall make such books, records, and other material available at all reasonable times (at a minimum during normal business hours) to inspection, copying, and audit by the Owner, the United States Environmental Protection Agency (USEPA), or any authorized representatives of the aforementioned. Contractor and Subcontractors shall allow interviews during normal business hours of any employees who might reasonably have information related to such records. Contractor shall include a similar duty regarding audit, interviews, and records retention in all subcontracts related to the Contract. Obligations under this provision shall survive the expiration or termination of the Contract.
- 8.06 SRF reporting requirements.
- A. The Contractor will be required to submit a draft version of the Construction Contractor Spreadsheet (Form 259). This form will be made available upon Administrative Notice to Proceed. To comply with SRF financial reporting requirements, all progress reports and invoices, in the format specified in Section 01292 - Schedule of Values must be itemized by schedule of values with any differences between bid estimate and actual costs documented.
- B. The Contractor must submit a cost-loaded schedule to the Owner with fiscal year breakdown of anticipated construction costs on April 1st of each year of the Contract. The Owner's fiscal year is July 1st through June 30th. Invoices for services completed prior to end of June must be received by the Owner by July 10th of each year. Contractor shall revise this with each schedule submittal described in Section 01321 - Schedules and Reports.
- C. Information about this requirement is available online at the USEPA website: <https://www.epa.gov/cwrsf/state-revolving-fund-american-iron-and-steel-ais-requirement>.

## **ARTICLE 9 — BUILD AMERICA / BUY AMERICA ACT (BABA)**

- 9.01 BUILD AMERICA / BUY AMERICA ACT (BABA) Requirements
- A. Buy America's domestic content procurement preference applies to all of the iron, steel, manufactured products, and construction materials used for infrastructure projects under an award. These requirements take effect on May 14, 2022; however, parties may seek waivers under certain circumstances.
- B. For additional information see: <https://www.usbr.gov/bil/buyamerica.html>

2. Insert ATTACHMENT D - CERTIFICATION REGARDING AMERICAN IRON AND STEEL (AIS) REQUIREMENTS (below) after ATTACHMENT C
3. Insert ATTACHMENT E - AMERICAN IRON AND STEEL (AIS) MONTHLY MATERIALS LOG (below) after ATTACHMENT D.

#### **SECTION IV – TECHNICAL SPECIFICATIONS**

1. Technical Specifications Table of Contents (TOC), Insert Section 08332 OVERHEAD COILING DOORS (Attached) after Section 08320 FLOOR ACCESS DOORS
2. Insert Section 08332 OVERHEAD COILING DOORS (Attached) after Section 08320 FLOOR ACCESS DOORS
3. Section 13122 METAL BUILDING SYSTEM Part 2.02 MATERIALS, B, 5, Delete b. Shop-primed and field-coated high solids epoxy system.

#### **QUESTIONS AND ANSWERS**

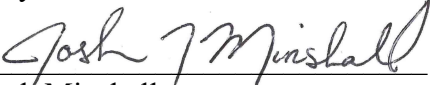
Bidder Question: One of the questions answered in Addendum #1 asked about whether the project was subject to Build America/American Iron and Steel requirements. We have the following questions regarding this.

1. Q: Can you point out where this is called out in the specifications?  
A: American Iron and Steel (AIS) requirements are included in this Addendum.
2. Q: Please note that the requirements called out in the question are different. Can you specify which requirement the project is subject to?  
A: Build American requirements from the funding agency are noted in this addendum. AIS requirements are also included in this addendum.
3. Correction from Bidder Questions and Answers included in Addendum No. 2.  
Q: Please confirm that Answer 9 should read: “Section 13122 METAL BUILDING SYSTEM Part 2.02 MATERIALS, B, 6, Delete b. Shop-primed and field-coated high solids epoxy system” as subsection 5 was deleted in Answer 8.  
A: Correct and included in this Addendum No. 3.

**Summary of Changes:** Project questions regarding funding requirements have been answered in this addendum and follow-up on the Metal Building System questions.

**Addendums shall be acknowledged in the BID FORM. A signed copy of this Addendum and the attached acknowledgement form shall be attached to the bid proposal. Failure to do so may cause rejection of your bid as being non-responsive.**

City of Petaluma,

  
\_\_\_\_\_  
Josh Minshall  
Senior Civil Engineer  
Public Works & Utilities Department

**A signed copy of this Addendum and the attached acknowledgement form shall be attached to the bid proposal. Failure to do so may cause rejection of your bid as being non-responsive.**

**ADDENDUM NO. 3**

**Ellis Creek Water Recycling Facility Tertiary Filtration Expansion  
FILTER ADDITIONS AND MISCELLANEOUS IMPROVEMENTS PROJECT**

**City Project Number C66401416**

**June 19, 2023**

**ACKNOWLEDGEMENT**

Receipt of Addendum No. 3 is hereby acknowledged by \_\_\_\_\_  
(Contractor's Name)

on the \_\_\_\_\_ day of \_\_\_\_\_, 2023.

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Company

**ATTACHMENT D**

**CERTIFICATION REGARDING AMERICAN IRON AND STEEL (AIS) REQUIREMENTS**

(submit with bid)

The Bidder certifies, to the best of his or her knowledge and belief, the following:

- (1) Identification of American-made Iron and Steel Products: The Bidder certifies that this bid effects the Bidder's best, good faith effort to identify domestic sources of iron and steel products for every component contained in the bid solicitation where such American-made components are required. The term "iron and steel products" means the following products made primarily of iron or steel - lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials.
- (2) Verification of U.S. Production: If this bid is accepted, the Bidder agrees that it will provide, to the Owner, reasonable, sufficient, and timely verification of the U.S. production of each Iron and Steel Product incorporated into the Project.
- (3) Documentation Regarding Non-American-made Iron and Steel: The Bidder certifies that for any Iron or Steel Product that is not American-made but was incorporated in the development of this bid, is allowed by waiver of the U.S. Environmental Protection Agency and such waiver is attached to this certification.
- (4) Warranty of Bidder: The Bidder hereby represents and warrants to and for the benefit of Owner that (a) Bidder has reviewed and understands the American Iron and Steel Requirement, and (b) if the bid is selected, all of the iron and steel products used in the project will be produced in the United States in a manner that complies with the American Iron and Steel Requirement, unless a waiver of the requirement is attached to this certification.

THE UNDERSIGNED CERTIFIES THAT THE CONTRACTOR WILL COMPLY WITH THE ABOVE REQUIREMENTS.

CONTRACTOR OR  
SUBCONTRACTOR NAME: \_\_\_\_\_

CERTIFIED BY:  
NAME: \_\_\_\_\_ TITLE: \_\_\_\_\_

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

**ATTACHMENT E - AMERICAN IRON AND STEEL (AIS) MONTHLY MATERIALS LOG**

**AMERICAN IRON AND STEEL (AIS) MONTHLY MATERIALS LOG**  
(to be attached to each monthly progress payment)

CONTRACTOR NAME: \_\_\_\_\_

The contractor shall submit with each progress payment a summary of materials and their associated costs that meet the American Iron and Steel requirements as specified in Section 00823 - [TITLE OF FUNDING SPECIFICATION].

The following table shall be filled out and submitted by the Contractor and shall include the bid item number said material falls under, description of material use, cost of material as a % of the bid item, and if necessary, a description as to why said item cannot meet AIS requirements. *Please include additional copies of this form, as needed, if number of items exceeds row count.*

Bid Item No.	Description of Material	% of Bid Item Cost	Reasoning for exclusion from AIS Req.

CERTIFIED BY:  
 CONTRACTOR NAME: \_\_\_\_\_  
 CONTRACTOR SIGNATURE: \_\_\_\_\_ DATE \_\_\_\_\_

## SECTION 08332

### OVERHEAD COILING DOORS

#### PART 1 GENERAL

##### 1.01 SUMMARY

- A. Section includes: Non-fire rated **non-insulated** overhead coiling doors.

##### 1.02 REFERENCES

- A. National Electrical Manufacturers Association (NEMA):
1. 250 - Enclosures for Electrical Equipment (1000 V Maximum).
- B. ASTM International:
1. A123 - Standard specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
  2. A653 - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process.
  3. A666 - Standard specification for Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
  4. A924 - Standard Specification for General Requirements of Steel Sheet, Metallic-Coated by the Hot-Dip Process (Referenced by ASTM A653).

##### 1.03 SUBMITTALS

- A. Product data:
1. General: Submit data completely describing products, including rough-in diagrams.
  2. Electrical operators: Submit complete manufacturer's data for all components for electric door operators. Show motor size and characteristics. Show manufacturer's verification that motor has been adequately sized for each size and type of door required. Submit electrical schematic diagrams.
- B. Shop drawings:
1. Drawings showing complete installation details, required clearances, relation to building structure, complete electrical rough-in requirements required for installation of motor operators for doors and for connection of such doors to fire alarm system, referenced to the door mark number.
  2. Show location and size of access doors required to perform maintenance on doors and auxiliary equipment.
- C. Samples: Submit samples of finishes for finish selection.
- D. Quality control submittals:
1. Manufacturer's instructions:
    - a. Installation instructions for each type and size of door, including manufacturer's data, operating instructions, and maintenance data.

- b. Furnish installer copy of diagrams and installation instructions.
- E. Contract closeout submittals:
  - 1. Project record documents:
    - a. Operation and maintenance data: Provide manufacturer's operation and maintenance data for each different type of door specified, complete with manufacturer's list of recommended spare parts and their prices, electrical schematic diagrams, and name and address of nearest maintenance organization approved by door manufacturer.
    - b. Warranty: Provide manufacturer's standard warranty.

#### **1.04 QUALITY ASSURANCE**

- A. Regulatory requirements:
  - 1. Wind loading as specified in Section 01850 - Design Criteria.
  - 2. Seismic requirements for door anchorage and support systems as specified in Section 01850 - Design Criteria.
  - 3. Provide electrical materials in NEMA Type enclosures as specified.

#### **1.05 DELIVERY, STORAGE, AND HANDLING**

- A. Packing, shipping, and storage: Protect doors during shipment and storage to prevent warping, bending, and corrosion.
- B. Deliver materials only after proper facilities are available: Provide clean dry surfaces or platform as required and protect from deterioration and foreign matter.

#### **1.06 PROJECT CONDITIONS**

- A. Field measurements: Field verify all opening dimensions and clearances prior to fabricating doors. Fitting doors to openings is the responsibility of the Contractor.

#### **1.07 SEQUENCING AND SCHEDULING**

- A. Inserts and anchorages: Furnish inserts and anchoring devices which must be set into concrete or built into masonry. Provide setting drawings, templates, and directions for installation of anchorage devices. Coordinate delivery with other work to avoid delay to the Contract.

### **PART 2 PRODUCTS**

#### **2.01 DESIGN AND PERFORMANCE CRITERIA**

- A. Design requirements:
  - 1. Compatibility with space and service requirements:
    - a. Doors and equipment items provided shall be compatible with space limitations specified and **indicated on the Drawings**.
    - b. Make modifications to doors and equipment items necessary to conform with space limitations or with utility services specified for rough-in.



- c. Provide items complete including all necessary ancillary equipment as may be required for complete and trouble-free operation.
- 2. Maintenance requirements: For ease of maintenance, provide overhead coiling doors complying with following requirements:
  - a. Provide each door assembly as complete unit produced or supplied by a single manufacturer, including frames, sections, brackets, operating mechanisms, hardware, except hardware items specified in Section 08710 - Door Hardware, and all necessary accessories for installation of complete in openings indicated.
  - b. Unless otherwise specified, all doors of particular type throughout the entire project shall be as manufactured or supplied by a single manufacturer.

## 2.02 MANUFACTURED UNITS

- A. Manufacturers: One of the following or equal:
  - 1. Overhead Door Corp.
  - 2. Wayne-Dalton Corp.
  - 3. The Cookson Co., Inc.
- B. Aluminum overhead coiling door:
  - 1. Mounting: Face of wall. Location as **indicated on the Drawings.**
  - 2. Operation: As **indicated on the Drawings.**
  - 3. Curtain:
    - a. Exterior Slats: Minimum 18-gauge B & S or heavier aluminum alloy manufacturer's standard, interlocking flat-faced slats with ends of alternate slats fitted with metal end locks to hold curtain in alignment.
    - b. Bottom bar: Fitted with 2 equal-sized aluminum angles minimum 1/8-inch thick, with lift handle and **slide bolt** at either end.
  - 4. Weatherstripping:
    - a. Bottom bar: Manufacturer's standard, provided with a flexible PVC bulb type astragal to ensure a consistent seal along the floor. Extrusion designed to interlock with door curtain.
    - b. Door jambs: Manufacturer's standard, wool or nylon pile, vinyl extrusion seals.
    - c. Hood: Manufacturer's standard neoprene baffle.
  - 5. Guides: Steel galvanized in accordance with ASTM A123, formed of roll formed steel channels and angles or structural angles of sufficient depth to provide a groove of adequate depth on each jamb to hold curtain firmly in guides under design wind pressure.
  - 6. Brackets: Steel galvanized in accordance with ASTM A123, steel plate with permanently sealed ball bearings designed to enclose ends of coil and provide support for counterbalance pipe at each end.
  - 7. Barrel and counterbalance mechanism: Steel pipe of sufficient size to carry door load with maximum deflection of 0.03 inch per foot of opening width and counterbalanced by helical springs, oil tempered torsion type designed with minimum safety factor of 1.25, and having cast iron barrel plugs that anchor springs to tension shaft and pipe.
  - 8. Hood: Fabricated minimum 0.050-inch thick aluminum, designed to enclose curtain coil and counterbalance mechanism.

- C. Door operators:
1. Motor operator: Unless otherwise **indicated on the Drawings**, provide a heavy-duty type motor operator.
    - a. High starting torque type motor having sufficient power to operate the load at an average speed of 1 foot per second.
    - b. Totally enclosed, fan cooled, continuous-duty motor, sized to suit door size (1 horsepower minimum), with Class B insulation.
    - c. 480 volt, 3-phase operation.
    - d. Controlled by momentary contact 3-button station marked OPEN, CLOSE, and STOP. As **indicated on the Drawings**.
    - e. Provide automatic screw-type limit switch to break circuit at termination of travel.
    - f. Provide gear reducer consisting of high efficiency worm gearing running in an oil bath and a spring set, solenoid-operated brake designed to hold the load when power is off.
    - g. Provide emergency hand chain operator which does not affect the time of the limit switch, to operate the load in case of power failure.
    - h. Operator to have reversing NEMA Size 1 starter having mechanical and electrical interlocks, properly sized 24-volt control transformer, and other controls necessary for proper operation, completely assembled and wired to a terminal strip to facilitate field wiring of the power source, pushbutton stations, and/or other remote devices.
    - i. Unless otherwise **indicated on the Drawings**, all electrical material supplied shall be in NEMA Type 12 enclosures for interior locations and in NEMA Type 4X enclosure or NEMA Type 4 enclosures for exterior or wet locations.
    - j. Provide electronic safety edge to reverse direction of door if obstruction is encountered.
    - k. Where no safety edge is specified, 2-button constant pressure type pushbutton stations marked OPEN and CLOSE shall be provided in lieu of 3-button station previously indicated.

## 2.03 ACCESSORIES

- A. Fasteners: Sizes and types as recommend by reviewed door manufacturer.

## 2.04 FINISHES

- A. Slats, hood and bottom bar:
1. Aluminum: As selected from manufacturer's standard finish to match the building wall panels.
- B. Guides and bracket plates:
1. Galvanized steel: manufacturer's standard rust inhibitive prime coat in a flat black finish.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verification of conditions: Examine openings to receive overhead coiling doors and verify:
  - 1. Dimensions and correctness of backing or support conditions.
  - 2. Absence of defects that would adversely affect installation.
- B. Do not start the work until unsatisfactory conditions are corrected.

### **3.02 PREPARATION**

- A. Verify dimensions and design for each opening.
- B. Coordinate details with other work supporting or adjoining coiling doors.
- C. Furnish fastening devices as required to mount doors properly.

### **3.03 INSTALLATION**

- A. Install doors in strict accordance with manufacturer's installation instructions, unless specifically otherwise **indicated on the Drawings**.
- B. Install assemblies plumb, square, and level at their proper elevations and in their proper planes.
- C. Securely anchor assemblies to interior face of openings, in manner that provides full opening clearance, perfectly aligned and adjusted for smooth operation.
- D. Interface with other products: Separate or isolate dissimilar metals with neoprene gaskets, sleeves, or washers, or with an acceptable coating.

### **3.04 ADJUSTING**

- A. Verify that door assemblies are securely anchored to structure, guides are perfectly aligned, and doors are adjusted for smooth operation.
- B. Upon completion of installation, ensure doors are free from warp, twist, or distortion and are lubricated and properly adjusted to operate freely.

### **3.05 CLEANING**

- A. Thoroughly clean surfaces of grease, oil, and other impurities.
- B. Replace any damaged or otherwise disfigured doors with new prior to final acceptance.

**3.06 DEMONSTRATION**

- A. Provide Owner's maintenance employees with minimum of 8 hours of maintenance instruction.

**3.07 PROTECTION**

- A. Protect installed doors from damage until final acceptance.

END OF SECTION