

ADDENDUM 4

(Please sign and return with the submittal.)

CHANGE 1.:

Section 3, Scope of Work, Subsection 3.6.2, Gates, is amended as follows:

Added 3.6.2 G to read:

3.3.2 G Culvert Gates: When required by the Department, provide Culvert Gates

- a. Installed the gates on-site.
- b. Ensure that the lead time on the gates is 2-4 weeks to fabricate and install.
- c. A detailed description of the culvert gates' design, dimensions, materials, features, and performance requirements will be agreed upon with the Department.
- d. prevents large objects and debris from contaminating our storm drain system. It is imperative that the flow of water that passes through culverts stays free of contaminants, which are pipes or tunnels that cross under roadways, railways, or embankments.
- e. Will be used for various purposes, such as preventing people and animals from entering, which can cause a public safety issue, regulating water levels, protecting fish and wildlife habitats, and enhancing water quality.
- f. Culvert gates can be classified into different types, such as flap gates, slide gates, tide gates, and stop logs.
- g. Ensure that flap gates are hinged gates that open and close automatically depending on the direction and pressure of the water flow. They are typically installed at the outlet end of culverts to prevent backflow from downstream.
- h. Slide gates are manually or electrically operated gates that slide up and down to adjust the opening of the culvert. It should be installed at the inlet end of culverts to control the inflow from upstream.
- i. Tide gates are special flap gates that allow water to flow out of culverts during low tide, but prevent seawater from entering during high tide. They are commonly used in coastal areas to protect freshwater habitats from saltwater intrusion.
- j. Stop logs are removable wooden or metal planks stacked on each other to form a barrier across the culvert. They are often used temporarily or in emergencies to block or divert the water flow.

- k. Culvert gates should be designed and installed according to the following criteria:
- The gate should be sized for the clear opening of the culvert. The frame width and height should be no larger than the outside dimensions of the culvert.
 - The gate should be made of durable and corrosion-resistant materials, such as stainless steel, aluminum, or fiberglass. The gate should also include rubber or neoprene seals to prevent leakage between the gate and the frame.
 - The gate should be easy to operate and maintain. The gate should have adequate access for inspection, adjustment, and repair. The gate should also have safety features to prevent injury or damage from accidental or unauthorized operation.
 - The gate should be compatible with the hydraulic and environmental conditions of the culvert. The gate should not cause excessive head loss, turbulence, or noise. The gate should also not interfere with the passage of fish and wildlife or transporting sediment and debris.

CHANGE 2.:

Section 3, Scope of Work, Subsection 3.8, Ornamental Steel Fencing Requirements, is amended as follows:

Amended 3.8.1 C:

From: Pickets: 1" S.Q. X 16 G.A. / spaced 5" O.C. or spaced 3 ½" O.C

To: 3 Pickets: 1" S.Q. X 16 G.A. / spaced 5" O.C. or spaced 3 ½" O.C /Galvanized or non-galvanized (based on the Department's preference)

CHANGE 3.:

Section 3, Scope of Work, Subsection 3.8, Ornamental Steel Fencing Requirements, is amended as follows:

Amended 3.8.1 D:

From: 3.8.1 D Finish: Plain Steel / Gray Oxide Primer / Black Enamel / Powder Coated

To: 3.8.1 D Finish: Plain Steel / Gray Oxide Primer / Black Enamel / Powder Coated /Galvanized or non-galvanized (based on the Department's preference)

CHANGE 4.:

Section 3, Scope of Work, Subsection 3.8, Ornamental Steel Fencing Requirements, is amended as follows:

Added 3.8.1. H. to read:

3.8.1. H When required, provide a zinc-enriched primer to paint the steel over galvanized materials, as the materials will have to be stripped of their galvanization to allow the powder coating to stick.

CHANGE 5.:

Section 3, Scope of Work, Subsection 3.12.10, Materials Requirements, is amended as follows:

Remove the following subsections from 3.12.12:

P. The wheel shall have a zerk fitting for greasing.

Q. Wheel axles shall have a minimum diameter of 4/8" and be run in 1" x 2" steel tubing, and the entire steel assembly shall be firmly braced to prevent twisting.

R. Barbed wire shall only be installed on the fence when specifically required by the plans or special provisions. It shall be installed on extension arms specified under MAG Section 772 when needed-

CHANGE 6.:

Section 3, Scope of Work, Subsection 3.13 Installation for Commercial & Light Commercial Application Requirements is amended as follows:

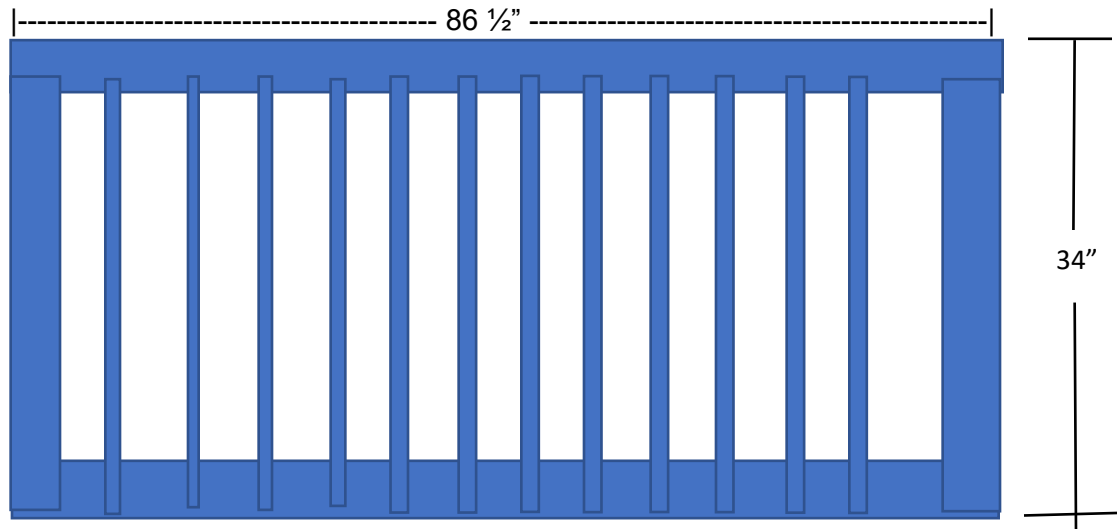
Added 3.13.3 to read:

3.13.3 Wrought Iron Fencing (PED) Panels

The Contractor shall:

- A. Build and deliver the requested wrought iron fence panels according to the specifications (for use in pedestrian crossing islands throughout the City) and
 - a. All panels shall be powder-coated black.
 - b. Horizontal top and bottom rails will be constructed using 1" square tubing, 16 gauge.
 - c. Vertical sides should be constructed using 1" square tubing, 16 gauge.
 - d. Vertical inner pickets of 5/8" square tubing shall be constructed, 16 gauge at 4 1/2" spacing.
 - e. Panels shall be 86 1/2" W x 34" H
 - f. Corner ends must be built according to the drawing below.
- B. Deliver items within thirty (30) business days upon receipt of the purchase order to the City of Phoenix, Traffic Services Division, Signing, and Striping Section at 4035 W. Glenrosa Ave, Phoenix, AZ, between hours M-F, 7:00 AM – 1:30 PM.
- C. All fence panels shall be transported with spacers to prevent damage to the final coating.
- D. Acceptance of the materials/products furnished under the specifications contained herein will be based upon receipt and approval of a certification prepared by the Contractor stating that the materials in the shipment are essentially the same as the material that the City of Phoenix previously approved.

Please note: Drawing is not to scale and should be used for design reference only.



QUESTIONS AND ANSWERS:

Note: Spelling, grammar, and punctuation of the questions are shown exactly as submitted by the potential respondents.

No.	Question	Answer
1.	Page 24 – 3.8.1 A, B, C - Specs call out galvanized posts and rails but not for pickets. Does this mean that we can do a galvanized and non-galvanized pricing?	Please refer to RFQu 23-0170 Solicitation Addendum 4- change 1.
2.	-Page 24 – 3.8.1 D - To reference the Finish line item 3.8.1 D – States "Plain Steel" that would be primed and powdercoated. This does not reference any form of galvanization. Does this mean we can provide a non-galvanized price?	Please refer to RFQu 23-0170 Solicitation Addendum 4- change 2.
3.	-Page 24 –3.8.1 – Galvanized materials will have to be acid washed or sandblasted to allow for powdercoating to fully process. It would be better to provide a zinc enriched primer to paint the steel over galvanized materials as the materials will have to be stripped of their galvanization to allow for the powdercoating to stick.	Please refer to RFQu 23-0170 Solicitation Addendum 4- change 3.
4.	-Page 29 3.12.12 - Galvanized materials will have to be acid washed or sandblasted to allow for powdercoating to fully process. It would be better to provide a zinc enriched primer to paint the steel over galvanized materials as the materials will have to be	There is no question here.

	stripped of their galvanization to allow for the powdercoating to stick.	
5.	-Page 30 3.12.12 P,Q,R – These items do not apply to the Alley Gate Program and should be removed from 3.12.12.	Removed. Please refer to RFQu 23-0170 Solicitation Addendum 4- Change 4.
5.	-Page 53 6.20. – Miscellaneous Fees – Labor Rates – Shop and On-Site – Can you clarify what exactly is considered "shop" labor? It states that it is only allowed in a performance of service under an agreement, what does this mean?	That is our standard language in Terms and Conditions. For more information on allowable charges/ fees, please refer to the Scope of Work 3.15 Pricing.
6.	-Fencing 1 & 2 - 2 ½" S.Q. x 11ga and 2" S.Q. x 16ga – The Unit of Measure is requesting a linear foot price, but no height is set as standard in the RFQ Document page 24. Can we provide you with a spec? (Here is an example 8'wx6'h 1 ½ 14ga Rail, 1" 16ga Pickets, 4" On Center, Curved and Speared and 8'wx2'h 1 ½ 16ga Rail, 1" 16ga Pickets, 6" On Center, Curved and Speared)	Please refer to Pricing_Proposal RFQu 23-0170 Rev 1
7.	-Fencing 2 – 2" S.Q. x 16ga – This specification does not current show in the RFQ Document on page 24 and we would not recommend this spec for anything above 2ft or 24" in height.	Please refer to Pricing_Proposal RFQu 23-0170 Rev 1
8.	Posts 1 – 2 ½" S.Q. x 11ga – The Unit of Measure price is set to "each" but no height is provided under the description line item on the Ornamental Steel Fencing Price Proposal. We did not see any height details for the Ornamental Iron Fencing on page 24 of the RFQ Document. Can you clarify what the height should be or can we change the unit of measure to linear foot?	Please refer to Pricing_Proposal RFQu 23-0170 Rev 1
9.	-Posts 2 – 2" S.Q. x 16ga – This specification does not current show in the RFQ Document on page 24 and we would not recommend this spec for anything above 2ft or 24" in height. The Unit of Measure price is set to "each" but no height is provided under the description line item on the Ornamental Steel -Fencing Price Proposal. We did not see any height details for the Ornamental Iron Fencing on page 24 of the RFQ Document. Can you clarify what the height should be or can we change the unit of measure to linear foot.	Please refer to Pricing_Proposal RFQu 23-0170 Rev 1
10.	-Pickets 5 & 6 – 6 ¾" – The description is requesting picket spacing of 6 ¾" spacing the	Please refer to Pricing_Proposal RFQu 23-0170 Rev 1

	industry standard is either 4" or 6" on center measurements for picket spacing.	
11.	-Pickets 3,4& 5 & 6 – As the pickets are priced out at "each" they do not need to have a picket spacing" the spacing would only be needed in the "Fencing section(L.F. pricing) – The Unit of Measure is requesting a price set to each picket. The description is requesting picket spacing but the spacing should be removed . Can you clarify what the height should be or can we change the unit of measure to linear foot?	Please refer to Pricing Proposal RFQu 23-0170 Rev 1.
12.	-Panels 8 – The Description is requesting 1 ½" S.Q. x 14ga rail only. We will need Spec Details containing Height, Width, Picket Spacing(On Center), Extended Pickets or Flat Top, Speared Pickets and or Curved Pickets? The details provided on RFQ Document page 24 does not clarify the height of fencing or panel type or picket type. Can we provide you with a spec? (Here is an example 8'wx6'h 1 ½ 14ga Rail, 1" 16ga Pickets, 4" On Center, Curved and Speared.)	Please refer to Pricing Proposal RFQu 23-0170 Rev 1. Please feel free to provide specs as well.
13.	The Pricing Proposal sheet does not include a chain link fencing category. However, the RFQ mentions and specifies the specs for the chain link. Do you have a chain link materials list to provide pricing for or should we provide you with a list?	Please refer to Pricing Proposal RFQu 23-0170 Rev 1.

The balance of the specifications and instructions remain the same. Bidder must acknowledge receipt and acceptance of this addendum by signing below and returning the entire addendum with the bid or proposal submittal.

Name of Company: _____
 Address: _____
 Authorized Signature: _____
 Print Name and Title: _____