



CITY OF PETALUMA

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PETALUMA, CA 94953-0061

Teresa Barrett
Mayor

D'Lynda Fischer
Mike Healy
Gabe Kearney
Dave King
Kevin McDonnell
Kathy Miller
Councilmembers

ADDENDUM NO. 5

D Street Bridge Electric and System Upgrades
City Project No. C16101933

February 11, 2020

This Addendum No. 5 modifies the Bidding Documents for the D Street Bridge Electrical and Systems Upgrade, City Project No. C16101933, and shall become part of the Contract Documents for this Project.

QUESTION AND ANSWER

Q: Is the bridge and all related hardware in good working order?

A: At the time of the electrical inspection and data collection in September 2019 the bridge was in fairly good working condition.

Public Works & Utilities

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

Q: When was the date of the last bridge movement?

A: The last bridge opening was after the electrical inspection and data collection in September 2019.

Environmental Services

Ellis Creek Water
Recycling Facility
3890 Cypress Drive
Petaluma, CA 94954
Phone (707) 776-3777
Fax: (707) 656-4067

1) Section T508-1.1 (B) – “Furnish like programming”

a. As the single line drawings are insufficient, please provide full and complete Electrical schematics for the following:

- i. Operator Console
- ii. MCC-1
- iii. MCC-2

b. As the programming documentation for the main PLC controller and the remote I/O controller are incomplete or missing, please provide the following:

- i. Sequence of operations for main PLC
- ii. Sequence of operation for remote I/O PLC
- iii. I/O lists for each controller
- iv. Bills of material

A: files can be downloaded here:

<https://www.dropbox.com/sh/i9y834szl1tt5gx/AABdMELNetE6R9alpsMqBq7Qa?dl=0>

Parks & Facility Maintenance

840 Hopper St. Ext.
Petaluma, CA 94952
Phone (707) 778-4303
Fax (707) 206-6065

Transit Division

555 N. McDowell Blvd.
Petaluma, CA 94954
Phone (707) 778-4421

2) Section T508-1.1 (L) and (M) – Furnish and install wireless communication system

a. Please provide guidance with regard to City of Petaluma (CoP) policies, standards, and accepted practices governing communication networks (both wired and wireless)

Utilities & Field Operations

202 N. McDowell Blvd.
Petaluma, CA 94954
Phone (707) 778-4546
Fax (707) 206-6034

E-Mail: publicworks@ci.petaluma.ca.us

b. Please provide guidance with regard to CoP policies, standards, and accepted practices governing network security.

A: This will be stand alone network system at this time and won't be connected the City network.

3) Section T508-1.1(N): Is remote access of the IPCCTV network required

A: No

4) Q: Section T508-1.1.2 (sic) – Incoming Service: Please provide the following information regarding the incoming service:

a) kW rating of service

b) Conductor size and type for each service conductor

A: files can be downloaded here:

<https://www.dropbox.com/sh/i9y834szl5gx/AABdMELNetE6R9alpsMqBq7Qa?dl=0>

5) Q: Section T508-2.1.19 – As-built Drawings and Operations Manual: Please provide existing Operations and Maintenance Manual

A: This is currently unavailable at this time.

6) Section T508-5.2.2(D) – Logic Board Option: “Provide a drive... ..to follow a trapezoidal speed curve as shown in the plans” – We were unable to locate said curve. Please advise

A: The drive shall be configured with the same characteristics as the existing drive(s).

7) **Section T508-5.2.2(F) – Dynamic Braking Function:** Please specify resistance, wattage, and duty cycle required for braking resistors

A: New Dynamic Break resist. To match existing

8) **Section T508-5.2.2(L) – VSD Enclosures:** This section calls out NEMA 12 Enclosures, but the drawing E10 calls out retrofit of the VSD within the existing MCC. Please advise

A: If the contractor proposes a nema-12 housing for the drive this would be acceptable. The drive is located inside the MCC and in an environmentally controlled room (the electrical room)

9) **Section T508-6.2.17 – Ethernet Switches.** Please confirm that separate switches and networks are required for the Automation (PLC) network and the IPCCTV network

A: The separate switches are not required and can be combined.

10) **Section T508-7.2.4 – POE Ethernet Switches.** We assume the two power over Ethernet ports (PoE) are reserved for camera power. Please confirm the minimum number of switches required

A: One switch is required for the MCC-2 with 2 SFP slots and a minimum of one switch is required in the tender house with minimum of 16 ports and 8 POE ports and 2 SFP slots.

All other items of the documents shall remain unchanged. 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.



Jeff Stutsman, P.E.,
Traffic Engineer
Public Works & Utilities Department

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City Project No. C16101933

February 11, 2020

ACKNOWLEDGEMENT

Receipt of Addendum No. 5 is hereby acknowledged by _____
(Contractor's Name)

on the _____ day of _____, 2020.

By: _____
Signature

Title

Company