



City of Anaheim
PURCHASING DIVISION

September 1, 2010

ADDENDUM #3

**BID # 7423 – HANNUM SUBSTATION PROTECTION SYSTEM
REPLACEMENT**

This addendum is issued to address bidder's questions below and to provide the attached **REVISED** Bill of Materials/Bid Price Sheet (Attachment #6).

Bidder's Question #1:

There is a substantial amount of wiring outside of the control building shown on the drawings within 'clouds' identifying as work for this project which is not reflected in the Cable Schedule and for which, in many cases, no material is included in the Bill of Materials (or pricing schedule). This includes ac & dc wiring to and between breakers and panels, bus differential wiring, as well as a substantial number of control circuits. Some of the circuits are shown on the three line diagram in clouds, but not outlined on the individual connection drawings, or only shown outlined on one end. There is no in sizes wire in #6, #2 and #4/0awg indicated in the bill of materials however wiring is shown in these sizes on the drawings. Is providing circuits not on the cable schedule, required as part of this project? Is the contractor responsible for furnishing materials beyond the items in the Bill of Materials/ pricing sheet if required and if so, should additional material be included in the installation cost line item?

City's Response:

This project does replace the ac and dc wiring to and between breakers and panels, bus differential wiring, and protection related control circuits. The new ac and bus differential wirings use cable 4/C#8 700 FT, and the new dc wirings use cable 2/C#8 850 FT. These wires are not included in the Bill of Material and Cable Schedule now, because we didn't plan to change it in the beginning. The Vendor shall provide the material and we will update the BOM/Bid Price Sheet to include these materials.

Bidder's Question #2:

The specification refers to replacement of communications wiring. Is there any communications wiring required to be replaced outside of the control building?

City's Response:

There is no communication wiring required to be replaced outside of the control building.

Bidder's Question #3:

No material for IRIG-B cables, Ethernet cables or FO cables are included in the Bill of Materials. Are these to be furnished as required by the contractor? Is a new clock antenna cable required for the GPS clock?

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City's Response:

We will use the existing IRIG-B cables, Ethernet cables, clock antenna cable, and FO cables. Most cables can fit into the new relay rack arrangement. In case the existing cable is not long enough for the new design, the Vendor can request a change order when it happens.

Bidder's Question #4:

Need clarification on a part number. It is item seven on the BOM lock out relay – electro switch Cat No. 78PA38DD. The question is should this part number be just 78PA38D?

City's Response:

The part number 78PA38DD of item 7 on the BOM is correct. The first D is for trip coil type, and the second D is for reset coil type as 125VDC.

BILL OF MATERIALS/BID PRICE SHEET REVISIONS:

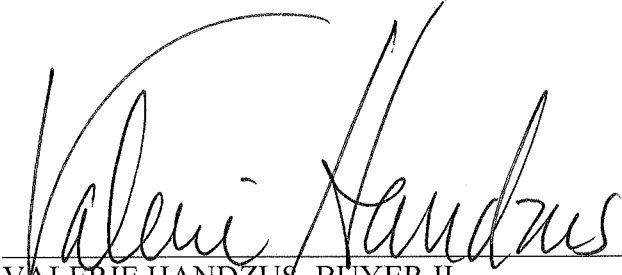
Item #30: Increase quantity FROM: 5700 FT. TO: 6400 FT.

Item #31: Increase quantity FROM: 850 FT. TO: 1700 FT.


**ATTACHMENTS: REVISED ATTACHMENT #6, BILL OF MATERIALS/BID PRICE SHEET.
*** PLEASE SUBMIT WITH YOUR BID *****

NOTE: VENDORS MUST NOTE THEIR ACKNOWLEDGEMENT OF THIS ADDENDUM IN THE SPACE PROVIDED UNDER "INSTRUCTION TO BIDDERS", ITEM # 19 IN BID PACKAGE.

There are no other changes, additions or deletions by issuance of this addendum.



VALERIE HANDZUS, BUYER II



Date