

**ADDENDUM NUMBER TWO  
to the  
PROJECT SPECIFICATIONS  
and  
CONTRACT DOCUMENTS  
for  
Zone 101 Pump Station Construction Project**

**DATE OF ADDENDUM NO. 2:** December 12, 2014

**TO ALL BIDDERS BIDDING ON THE ABOVE PROJECT:**

The following addendum shall be made part of the Contract Documents. All other provisions of the Contract Documents remain unchanged. The Bidder shall acknowledge receipt of this addendum on page 2 of the Proposal by inserting the addendum number and date on the executed page of the Proposal. The contents of this Addendum shall be given full consideration in the preparation of the Bid.

**ADDENDUMS:**

Dwg E-07:

1. The SES shall be 1200A, 3Phase, 480VAC as shown.
  - a. Utility metering section shall be situated on the end of the SES. Space shall be left (In the section) to mount a Main 1200AF/AT breaker at a later date. Currently the 800AF/AT MCC feed breaker is serving as the utility main.
  - b. A future Well feed breaker, shown as 400AF/AT, shall be revised to 600AF/AT, and be added to the end of the SES later. So, no SES empty section required at this time.
2. Key Notes Revisions.
  - a. Key note 7 – Replace “800AF/800AT” with “600AF/600AT”. (Note this is basically a future breaker in the same section as the 800A MCC feeder breaker or a new section added on the end of the SES later.)
  - b. Key Note 8 – Replace “1600AF/1600AT” with “1200AF/1200AT” for future utility main.
3. Notice Inviting Bid Addition.
  - a. All bid questions must be submitted by close of business (5:00 PM Local Time) on December 15, 2014.

## CLARIFICATIONS:

Question 1 – Is the city requiring domestic only on the mj and flange fittings? **(Domestic supply is required on all ductile iron pipe and fittings for this project.)**

Question 2 – Sheet M-02 references details NP149 and NP180 but I can't find them. Anywhere in the M sheets. Will they be added in an addendum? **(Details NP149 and NP180 are on sheet N-12.)**

Question 3 – Pipe support details P627 and P624 ask for the assembled unit to be hot dipped in galvanize, I am having trouble finding a manufacturer to do that. If stand is supplied with galv pieces is that satisfactory or does engineer have a manufacturer in mind that will do what he is asking for? **(Galvanized components are acceptable, repair any galvanized damage in the field with cold gal as required.)**

Question 4 – Do you want the fittings in the pump house prime coated or is tar coat ok? **(Fittings inside the pump house shall be prime coated for finish coating by painters.)**

Question 5 – There is no call out on the civil plans for a pressure class on the ductile pipe. Section 15052 – piping schedule calls for class 51 – mj pipe restrained. This is not a common pipe and significantly more money than the normal PC350 Tyton Joint Pipe that is normally used on City projects. This is not a commonly stocked pipe and could present lead time issues. Will the city accept what is normally installed in this area, the PC350 TJ pipe or do you want to stick with the call out in section 15052? Please clarify what pipe is to be used. In Phoenix for cost savings in larger diameter pipe ( 16" and up ) pressure class 250 (PC250 ) is often called out as well. This would be another option. Please advise. **(All yard pipe shall be Class 350, the other piping shall be per spec.)**

Question 6 – It is my understanding of the plans and specifications that all duct (even ones under slabs ) are to be concrete encased. Is this correct? **(Not required below slabs.)** Additionally are the duct banks to have rebar in them? **(Rebar shall not be required.)**

Question 7– Is PVC coated GRC conduit to be used underground turning up above grade and GRC above grade (Assuming it's in a noncorrosive area)? **(Use PVC coated rigid 90's below grade and GRC for above grade. Note, if the conduit stub up is into a protected gear or enclosure PVC with bell ends are acceptable; otherwise all stub ups shall be GRC out of the ground or slab.)**

Question 8 – Are all underground conduit bends vertical or horizontal greater than 45 degrees supposed to be PVC coated GRC ? **(Yes use PVC coated GRC for below grade 90's)**

Question 9 – On sheet E-07 at the end of the MCC it states to be two spares. What size and layout do you need? **((2) – 2" C stubbed out of the building to accessible point.)**

Question 10 – Spec 16670 its states that they must be LPI certified master installer. Can that requirement be waved so the electrical contractor installs the lighting protection? **(Yes the contractor may perform the work per NFPA.)**

Question 11 – Can you please clarify the location of PS-VCP-005 and PS-MIX-005 (These are located at the Reservoir electrical rack and in reservoir respectively; existing rack with RTU and panel ‘A’.)

Question 12 – The city is providing the PLC. How does the PLC mount. Is it on the flush to the ground or raised off the ground? (Control cabinet will be floor-mounted.)

Question 13 – Conduit 4011, 4012, 4013, 5007 all refer to a valve “ps-val-001” what and where is that located? (Conduits 4011, 4012 and 5007 are not longer needed as this valve was removed from the project (per mandatory pre-bid meeting minutes). Conduit 4013 is a spare conduit, see E-12.)

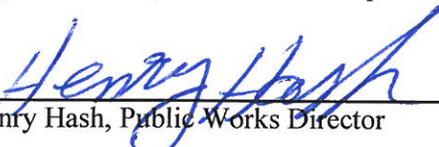
Question 14 – On drawing E-07 the shading of the boarder of the 800A ATS appears to imply the ATS previously exists. Please confirm that it is the intent to provide a new ATS as part of this project. (Yes, the contractor is required to provide a new ATS.)

**Contractors are to coordinate their E&IC effort with Jeromy at the below contact information:**

Jeromy Peterson  
Ripple Industries  
[peterson.jeromy@rippleind.com](mailto:peterson.jeromy@rippleind.com)  
Cell: 480-442-8199

- END -

City of Prescott, Public Works Department

  
Henry Hash, Public Works Director

**Acknowledgment:** (must be signed and turned in with the bid documents)

_____	_____
Company Name	Date
_____	_____
Signature of Company Official	Date