

DOCUMENT 00910

ADDENDA

ADDENDUM NUMBER 6

DATE: March 29, 2017  
PROJECT: Requa Community Water Distribution System  
OWNER: Yurok Tribe  
ENGINEER: Altec Engineering  
TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and supplements the Bidding Documents dated February 2017 with amendments and additions noted below and attached.

Acknowledge receipt of this Addendum in the space provided in the Bid Form.

This Addendum consists of 04 pages, including this cover sheet.

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**NOTICE: Project Submitted Questions – Answers – Clarifications**

Please see the attached Questions, Answers and Clarifications

## Bid Questions, Answers and Clarifications

### 1) Questions: Telemetry:

1. Are there any electrical drawings showing where electrical devices are to be mounted/installed?  
**Answer: Not specifically for electrical mounts. The general box placement is up to the contractor in discussions with the Project Engineer, and a guide for box location is provided in C701 and C705.**
2. The "C" drawings don't show any electrical devices.  
**Answer: Just the boxes as indicated on the walls of the building plan views. Final location should be most convenient for construction and maintenance.**
3. The specifications detail "A complete telemetry and control system capable of interfacing with the existing system..." but where are the interface points? To get more information on the interfacing, an attempt was made to contact Abbey Systems Inc at office 541-357-4386 or cell 801-699-3370 but was unsuccessful because both numbers are no longer in service. How do we coordinate with the existing system?  
**Answer: It is best to contact Austin Nova with the Tribe to request any needed details on the system version and whether they have an alternative contractor other than the original installers.**
4. Although the technical specs are detailed where is the electrical devices located?  
**Answer: As above, the location of the boxes on the building are given a general location. The Salt Creek Pumphouse has existing panels as indicated by the location in C705 that can be replaced or moved, and the Turnout Pumphouse device locations can be modified from C701 with the Project Engineer's approval.**
5. Manual operation is called for exclusive of the PLC. Where this station to be located? near the pumps , in the SCADA panel, or elsewhere?  
**Answer: Contractor's choice within the building interior.**
6. Where is the alarm strobe to be located?  
**Answer: Contractor's choice. Over the door is standard.**
7. Is a new PLC to be provided?  
**Answer: Yes for both pumphouses.**
8. Is the original integrator available to do the new programming changes? If not, will there be documentation available for us or someone else to do the programming? How should we bid this segment of the work?  
**Answer: Assume a complete unit that will interface with a compatible unit at the Yurok Office. If the existing system cannot be made reasonably compatible, a change order may require the Contractor to upgrade the existing system. Austin may be able to provide program information, and there should be info on the web given the program description in the spec.**

2) **Question: Pumps:**

Size of starters for the pump motors, voltage rating, ampacity, their location, conductor and conduit size, where is the power fed from for each motor?

**Answer: The skid placement of pumps and the elec box location are shown. Getting from one to the other is left to the Contractor, given the small building footprint, estimates shouldn't be too far off. The recommended pumps are listed but "as equal" is assumed given the head and power available; however, VFD are required. There is some design needed here to bid the project, but nothing an experienced estimator hasn't seen before. The goal here is to be as flexible for the contractor as possible to provide the best system they are capable of. Think performance spec, not having engineer dictate the manner in which the performance is achieved.**

3) **Question:** Is there an Engineer's Estimate available for this project?

**Answer: An Engineer's Estimate is not available.**

4) **Question:** Does contractor need a tribal monitor and if so does the owner supply?

**Answer: An arch monitor shall be present for construction activities on all presently undisturbed soil. The arch monitor will be hired and compensated by Yurok Tribe. Contractor shall provide at least 48 hours notice to Yurok Tribe before need of an arch monitor.**

5) **Question:** Should the piping materials that is shown on sheet c 202 that runs between the A1 line and the booster pump be covered in the booster pump bid item?

**Answer: Yes. It's all open trench and isn't included in the stationing.**

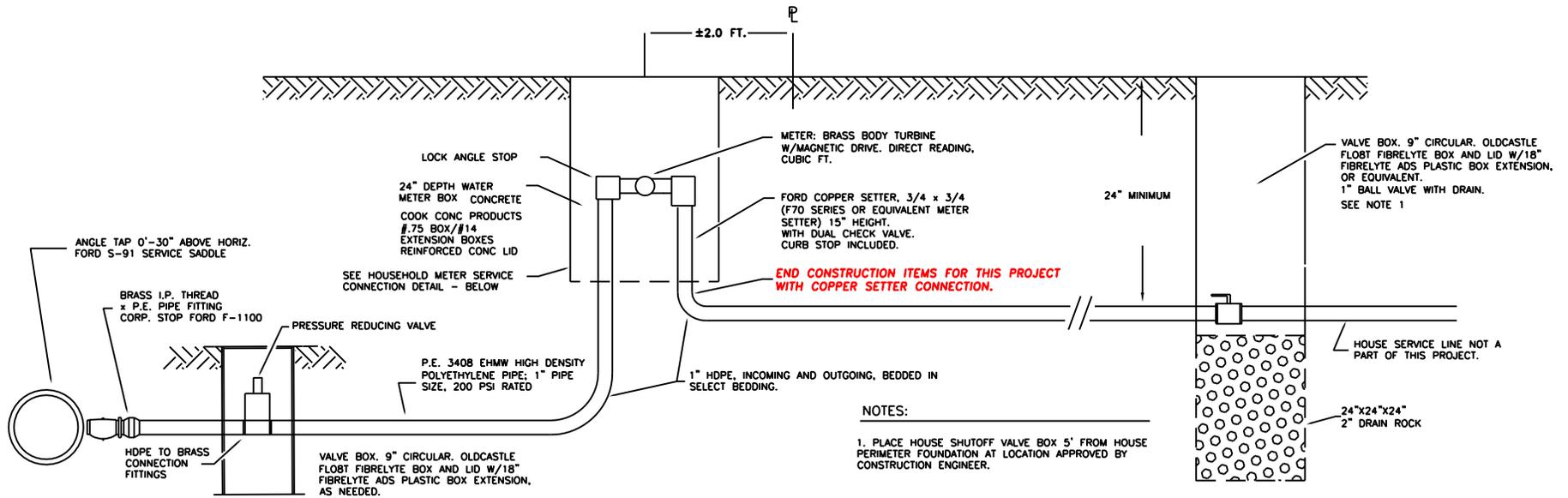
6) **Question:** Can the trench spoils stay on site? Or close

**Answer: Yes.**

7) **Question:** Items 32 and 34 are not shown on the plans and have no details. What exactly are you going to require? Would item 34 be the flush hydrant?

**Answer: See attached Water Service Detail and Meter Service Detail. Hydrant detail is shown on C 503. Blow-off is shown on C 504. Technical specifications for the bid items are shown in Bid Package Technical Specifications 02518.**

# WATER SERVICE DETAIL, METER SERVICE DETAIL



**NOTES:**

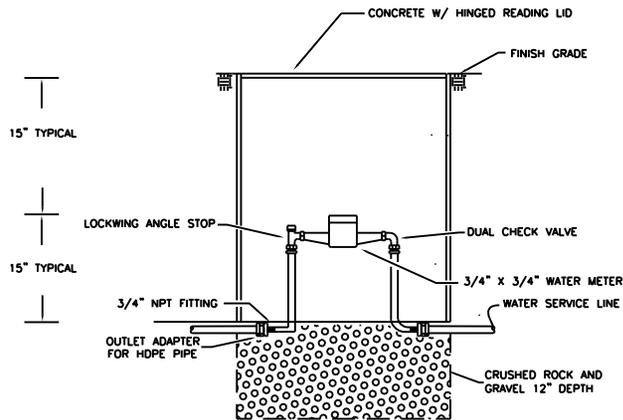
1. PLACE HOUSE SHUTOFF VALVE BOX 5' FROM HOUSE PERIMETER FOUNDATION AT LOCATION APPROVED BY CONSTRUCTION ENGINEER.

WATER SERVICE DETAIL  
NOT TO SCALE

**NOTES:**

1. ALL THREADED FITTINGS (CORP STOP, PE CONNECTORS) FOR PE PIPE ARE TO BE IPS THREADS, SAME SIZE AS WSL AND METER. AWWA OR OTHER SPECIAL THREADS NOT ALLOWED.
2. OUTLET TO COPPER SETTER IS TO HAVE A TEST/DRAIN VALVE TO ALLOW DRAINING OF HOUSE LINES.
3. SADDLES AND CORP STOPS ARE REQUIRED ON ALL MAINS FOR ALL SERVICE TYPES.
4. PROVIDE "T" OR TRAFFIC TYPE LID ON METER BOXES IN ALL AREAS SUBJECT TO TRAFFIC ACCESS (METER BOXES WILL NOT SUPPORT VEHICLE LOAD). LOCATIONS TO BE STAKED BY PROJECT ENGINEER.
5. ALL METER BOXES MUST BE SET TRUE, PERPENDICULAR TO STREET AND FLUSH WITH EXISTING SURFACE.

**NOTE:** PROJECT TECHNICAL SPECIFICATIONS, SECTION 02518, SHALL SUPERCEDE THIS TYPICAL DRAWING WITH RESPECT TO CONFLICT BETWEEN PLANS AND SPECIFICATIONS.



HOUSEHOLD METER SERVICE  
CONNECTION DETAIL  
NOT TO SCALE