

**AUGUST 3, 2015**

**BOARD OF COUNTY COMMISSIONERS  
ORANGE COUNTY, FLORIDA  
ADDENDUM NO. 2 – Y15-7009-PH  
ORANGE COUNTY EASTERN WATER RECLAMATION FACILITY  
PHASE I/II AUTOMATIC BACKWASH FILTER REHABILITATION  
BID OPENING DATE: AUGUST 6, 2015**

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by **underlining**, deletions are indicated by ~~strikethrough~~.

**A. BIDDERS QUESTIONS**

**Question 1:** Is the Aquadisk filter sized appropriately to handle the max flow rate of both filter beds 1 & 2?

**Answer:** The temporary disk filter has an average capacity of 2.5 MGD, and a peak capacity of 5 MGD. ABW filters operate at 2 gpm/SF (AADF), so each filter can filter approximately 2112 gpm or 3 MGD each for these 16 by 66 foot filters.

**Question 2:** Will the Aquadisk filter require any scheduled maintenance during the construction duration that would impact the by-pass operation?

**Answer:** No known maintenance is anticipated for the Aquadisk during the temporary operation.

**Question 3:** Is the county providing the equipment pad/slab for the Aquadisk filter?

**Answer:** Yes

**Question 4:** Will the Aquadisk filter be able to be located in close proximity to filter beds 1 & 2 so that influent can be suctioned from the common influent channel and discharged to the common effluent channel?

**Answer:** The Aquadisk will be installed within 200 feet of the north end of the filter structure.

**Question 5:** Can the waste discharge from the Aquadisk be discharged into one of the waste channels at the existing filter? If not what is the approximate distance to the nearest available discharge location for discharging the waste back to a return line?

**Answer:** The Record Drawings for this area show three available tank drainage manholes and one lift station. See attached sheet C-7. Manholes are shown as a red dot.

**Question 6:** Please verify the county will require a primary and backup pump for the by-pass filtration system for the duration of the project?

**Answer:** Yes. If multiple pumps are used, then with the largest pump out of service, the remaining pumps shall be capable of handling the flow.

**Question 7:** Please verify the county will supply, or reimburse the contractor for, all fuel associated with the by-pass pump(s)?

**Answer:** Yes, specification Section 01516: 3.03 B, third sentence.

**Question 8:** The scope of work describes some minor concrete repairs at the bridge support rails. There appears to be other concrete cracks, spalls and other that many need to be repaired during the project. Will the county provide an established allowance for all contractors to carry in their bid for all concrete repairs during the project?

**Answer:** Not at this time.

**Question 9:** The specs call for 98 cell dividers to be repaired with a stainless steel trim cap. Does this SS trim need to be installed the full length (approx. 16') of each divider? Or can the repair trim be installed just at the area of damage on each of the 98 cell divider walls?

**Answer:** The Stainless Steel repair caps are 95 inches long and 9 inches deep. The cap is installed as one piece and is not cut. One cap per divider is required to repair the damage.

**Question 10:** Our Estimator wants to know if you're going to issue an addendum stating there are no Minority requirements.

**Answer:** Y15-7009-PH is an Emergency Bid and the normal MWBE requirements are not applicable to this bid.

**B. REVISIONS TO PLANS (NOT APPLICABLE)**

**C. SPECIFICATIONS**

**1)Part C Instructions to Bidders Delete 3 MINORITY OWNED BUSINESS ENTERPRISES in its entirety and Delete ARTICLE 21 – MINORITY/WOMEN OWNED BUSINESS ENTERPRISE REQUIREMENTS AND SMALL BUSINESS PROVISIONS**

**2) Part D, Page D-1:** Use revised bid form is attached. Failure to use the attached revised bid form may result in your bid being found non-responsive.

**3) Section 13221; 2.05.A.:** Replace all references to 304 stainless steel with 316

stainless steel. This is applicable throughout Section 13221.

**4) Section 13221; 1.06 Quality Control: the items below shall be added.**

The following Manufacturer's Field Services shall be required at a minimum:

- 1 trip 1 day onsite for training on porous plate removal
- 2 trips 2 days onsite for light tests to ensure the porous plates are installed properly
- 2 trips 4 days onsite for mechanical check, to ensure that the mechanical components are installed properly
- 2 trips 4 days onsite for electrical startup
- 2 trips 2 days on site for equipment startup after all of the equipment is installed.

**D. CLARIFICATIONS**

1. Record Drawing C-7 is attached.

**E. ACKNOWLEDGEMENT OF ADDENDA**

- a. The Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of proposal.
- b. All other terms, conditions and specifications remain the same.
- c. Receipt acknowledged by:

\_\_\_\_\_

\_\_\_\_\_

Authorized Signature

Date Signed

\_\_\_\_\_

Title

\_\_\_\_\_

Name of Firm

**To the Board of County Commissioners  
Orange County, Florida**

The Undersigned, hereinafter called "Bidder", having visited the site of the proposed project and familiarized himself with the local conditions, nature and extent of the work, and having examined carefully the Contract Form, General Conditions, Supplementary Conditions, Plans and Specifications and other Contract Documents, with the Bond requirements herein, proposes to furnish all labor, materials, equipment and other items, facilities and services for the proper execution and completion of: **EASTERN WATER RECLAMATION FACILITY AUTOMATIC BACKWASH FILTER REHABILITATION** in full accordance with the drawings and specifications prepared in accordance with the Contract Documents and, if awarded the Contract, to complete the said work within the time limits specified for the following LUMP SUM BID.

**1.0 Lump Sum Amount** \$ \_\_\_\_\_

2.0 Additive Item furnish and install and 20 fiber glass cell divider

<b>Est. QTY</b>	<b>Unit Cost</b>	<b>Total</b>
<b>20</b>	<b>\$ _____</b>	<b>\$ _____</b>

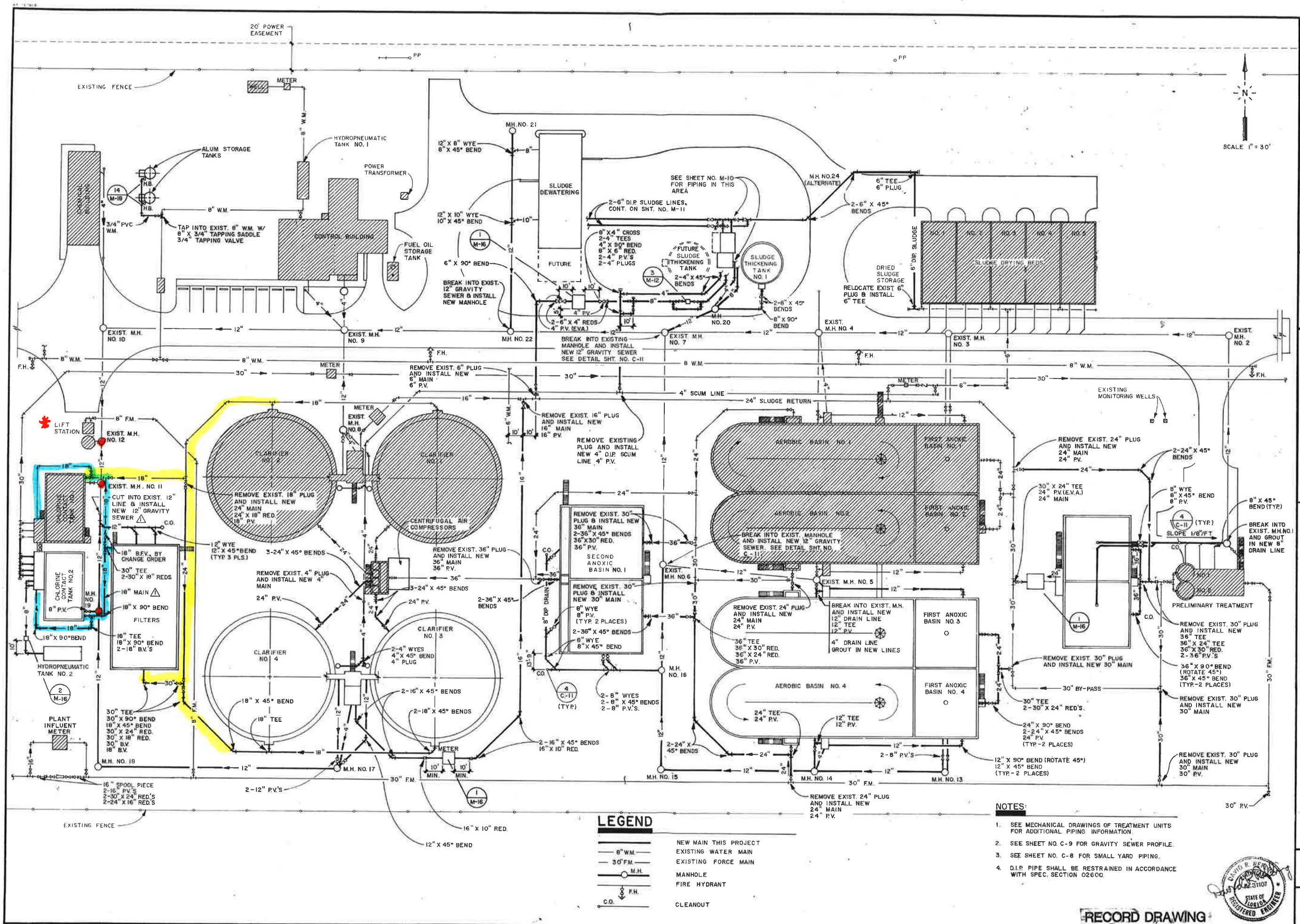
3.0 TOTAL BASE BID: 1.0 plus 2.0 equals 3.0.

\_\_\_\_\_ DOLLARS  
(In Words)

\$ \_\_\_\_\_

In the event the Contract is awarded to this Bidder, he/she will enter into a formal written agreement with the County in accordance with the accepted bid within ten (10) calendar days after said Contract is submitted to him/her and will furnish to the County a Contract Payment and Performance Bond with good and sufficient sureties, satisfactory to the County, in the amount of 100% of the accepted bid. The Bidder further agrees that in the event of the Bidder's default or breach of any of the agreements of this proposal, the said bid deposit shall be forfeited as liquidated damages.

**Failure of the Bidder to provide pricing for all unit priced items and/or the Base Bid and ALL requested additive/deductive bid items, or alternate bids shall be cause for rejection of the bid as non-responsive.**



SCALE 1" = 30'

**LEGEND**

- 8" W.M. NEW MAIN THIS PROJECT
- 30" F.M. EXISTING WATER MAIN
- M.H. EXISTING FORCE MAIN
- F.H. MANHOLE
- C.O. CLEANOUT

**NOTES:**

1. SEE MECHANICAL DRAWINGS OF TREATMENT UNITS FOR ADDITIONAL PIPING INFORMATION.
2. SEE SHEET NO. C-9 FOR GRAVITY SEWER PROFILE.
3. SEE SHEET NO. C-8 FOR SMALL YARD PIPING.
4. D.I.P. PIPE SHALL BE RESTRAINED IN ACCORDANCE WITH SPEC. SECTION 02600.

**EASTERN SUBREGIONAL WWTP-PHASE II**  
FOR  
ORANGE COUNTY, FLORIDA  
**YARD PIPING**

PROJECT NO  
6059-207

SHEET NO

**C-7**

DESIGNED BY	J.M.S.	DATE	12/83
DRAWN BY	K.J.H.	DATE	12/84
CHECKED BY	DRP	DATE	12/84
APPROVED BY	DRP	DATE	12/84

CAMP DRESSER & MCKEE INC.  
REGISTERED PROFESSIONAL ENGINEERS  
ORANGE COUNTY, FLORIDA

RECORD DRAWING

