

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD
TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: January 25, 2008
TO: Ann Cole, Commission Clerk - PSC, Office of Commission Clerk
FROM: Stephen B. Fletcher, Public Utilities Supervisor, Division of Economic Regulation *SBF*
RE: Docket No. 060122-WU, Aloha Utilities Limited Proceeding - Purchased Water

Attached are four documents for inclusion in the docket file for Docket No. 060122-WU, Limited Proceeding for rate increase in Pasco County by Aloha Utilities.

The documents are letters which are dated as follows: (1) December 6, 2007 from Bruce Kennedy, (2) December 18, 2007 from Dale Ernsberger, (3) January 15, 2008 from Dale Ernsberger, and (4) January 22, 2008 from John Wharton.

RECEIVED-FPSC
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CLERK

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00628 JAN 25 8

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PASCO COUNTY, FLORIDA

December 6, 2007

RECEIVED DEC 11 2007

Mr. Dale D. Ernsberger, P.E.
Civil Engineering Associates, Inc
1418 Fishing Lake Drive
Odessa, FL 33556

Reference: Aloha Utilities – Pasco County Interconnect
Booster Pump Station
PCU08-007.P.1

Dear Mr. Ernsberger:

We have reviewed the Aloha Pressure Control Station documents you have provided, including the Drawings signed and sealed on 10/7/07 (also revised sheets 2 and 3; signed and sealed on 11/8/07), Abbreviated Engineering Report and FDEP Permit Application, and have the following comments:

1. The County's standard flow meter with backflow preventer will be used for billing purposes. The flow meter must comport with Pasco Standard Detail 02, which requires the inlet and discharge piping be identical to meter inlet size.
2. The meter and the flow control valve assembly (hereinafter referred to as the "Assembly") must be located together, in a separately fenced area with a minimum of 10 feet clear space around all sides of any piping/electrical facilities for access and maintenance. Provide adequate space for parking for 2 vehicles. Provide fence with barbed wire and 10-foot wide access gate. Provide adequate lighting for nighttime maintenance.
3. Furnish the County with fee simple title to the site or a perpetual easement for operation and maintenance of the Assembly.
4. The supply line upstream of the Assembly will be owned and maintained by the County. As such, if the pipe is not installed in County ROW, an easement must be provided to the County for access and maintenance of this line.
5. The flow control valve (FCV) piping layout must comport with the manufacturer's installation recommendation of 10 diameters upstream and 5 diameters downstream of the meter. The FCV must be provided with rate-of-flow, backpressure sustaining and remote open/close (via solenoid) functions.
6. The FCV orifice plate is not an acceptable device and metering should be utilized by the use of a 12x6 compound meter or some other acceptable metering device that accurately measures rate of flow over the existing range.

DOCUMENT NUMBER - DATE

00628 JAN 25 08

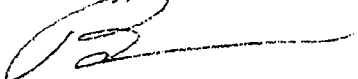
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7. A Rosemount Absolute Pressure Transmitter must be provided on the upstream side of the FCV for local and remote monitoring of the supply pressure to the Assembly.
8. A Pasco County standard Data Flow Systems Remote Telemetry Unit (RTU) with antenna must be installed to allow the County to remotely monitor and control the FCV. The RTU shall have one (1) digital output for open/close control of the FCV (solenoid) and two (2) analog inputs for the flow and pressure signals.
9. Provide a hose bib on the upstream side of the Assembly, within the fenced area, for the County's use.
10. Provide a 120 VAC receptacle within the fenced area for the County's use.
11. Per our maintenance staff, please be advised that we control corrosion in our systems with the addition of sodium chloride which raises the PH level to approximately 7.9-8.0.
12. As mentioned in your cover letter with the submittal, package submitted including report and drawings is conceptual at 60% complete; therefore, it is not appropriate for us to sign the permit application until detailed design is provided.
13. If Aloha elects to proceed with this connection to County water system as presently proposed, be assured that there will be times of the day when the County's system may not be able to deliver water to Aloha due to pressure differences in our systems. As previously discussed, the County still recommends that Aloha construct a storage and re-pump facility to ensure that this connection can deliver an adequate quantity of water to Aloha and Aloha can pump this water into its system at an adequate pressure for its customers during peak hour demand.

Before the County can execute the FDEP Permit Application, Aloha will need to address each of the items listed above. In addition, as provided for in our service agreement, Aloha will need to compensate the County for the engineering services the County's consultant has expended in modeling the proposed connection and basis of design. We will provide you with a summary of these services, and the cost thereof, under separate cover.

Should you have any questions regarding the foregoing, please advise.

Sincerely,



Bruce E. Kennedy, P.E.
Assistant County Administrator - Utilities

BEK/ah

Cc: Glenn Greer, P.E., Utilities Engineering Director
Marvin Kaden, Lead Plant Operator
Mr. Steven Watford, President, AUI, 6915 Perrine Ranch Rd, New Port Richey, FL 34655
Thomas Traina, P.E., King Engineering

DOCUMENT NUMBER-DATE

00628 JAN 25 88

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CIVIL ENGINEERING ASSOCIATES INC.

December 18, 2007

Mr. Bruce Kennedy, P.E., Assistant County Administrator
West Pasco Government Complex
Public Works/Utilities Bldg., Suite 213
7530 Little Road
New Port Richey, Fl 34654

Reference: Aloha Utilities – Pasco County Interconnect
Booster Pumping Station
Pasco County Reference No. PCUO8-007.P.1

Subject: Response to Pasco County Letter of December 6, 2007

Dear Mr. Kennedy:

This letter is in response to your letter of December 6, 2007, in which you enumerated a number of additional items (13), which must be accomplished before you will be able to sign the FDEP Permit application for Aloha. Please remember that we left our review meeting with you and Mr. Hanna with the understanding that we needed only to revise the drawings to show the meter and flow control valve assembly on the station site and show the meter assembly in accordance with your detail furnished to us by Mr. Hanna. Imagine our chagrin after receiving your letter; however, we intend to comply with your request as outlined below in order to get this project back on schedule.

We will address your comments in order:

1. **The County's standard flow meter with backflow preventer will be used for billing purposes. The flow meter must comport with Pasco Standard Detail 02, which requires the inlet and discharge piping be identical to meter inlet size.**

Response: The meter assembly detail will be revised to reduce pipe size at each end of the assembly, below grade, in accordance with the detail.

2. **The meter and the flow control valve assembly hereafter referred to as the "Assembly") must be located together, in a separately fenced area with a minimum of 10 feet clear space around all sides of any piping/electrical facilities for access and maintenance. Provide adequate space for parking for 2 vehicles. Provide fence with barbed wire and 10-foot wide access gate. Provide adequate lighting for nighttime maintenance.**

Response: We will hereafter refer to the meter and flow control valve assembly as the "Assembly". Two parking spaces will be provided. Piping will be moved to provide 10 feet on each side of the "Assembly". It will be surrounded by a six-foot

1418 Fishing Lake Drive
Odessa, Fl 33556

DOCUMENT NUMBER-DATE

00628 JAN 25 8

TEL 813-903-0904
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FPSC-COMMISSION CLERK

December 18, 2007
Mr. Bruce Kennedy, P.E
Aloha Utilities – Pasco County Interconnect
Pasco County Reference No. PCUO8-007.P.1

Page 2

chain-link fence with three strands of barbed wire on top. A weatherproof duplex receptacle will be provided for use with portable lighting systems.

3. **Furnish the County with fee simple title to the site or a perpetual easement for operation and maintenance of the Assembly.**

Response: As we have previously discussed, this facility is temporary and will be removed when the permanent storage & pumping station is constructed. At that time, the meter will be relocated to a permanent location with fee simple title or perpetual easement.

4. **The supply line upstream of the Assembly will be owned and maintained by the County. As such, if the pipe is not installed in County ROW, an easement must be provided to the County for access and maintenance of this line.**

Response: OK

5. **The flow control valve (FCV) piping layout must comport with the manufacturers installation recommendation of 10 diameters upstream and 5 diameters downstream of the meter. The FCV must be-provided with rate-of-flow, backpressure sustaining and remote open/close (via solenoid)- functions.**

Response: The FCV will comport with the manufacturers installation recommendations, however, there does not appear to be any requirements for the FCV to be mounted 10 diameters upstream and 5 diameters downstream of the meter. The installation will accommodate the meter manufacturers' setback requirements. A remote open-close solenoid valve can be provided for Pasco County Water System to immediately shut off water to Aloha. A pressure sustaining function will be added to the valve.

6. **The FCV orifice plate is not an acceptable device and metering should be utilized by the use of a 12x6 compound meter or some other acceptable metering device that accurately measures rate of flow over the existing range.**

Response: The orifice plate is not utilized for measuring flow rate directly, but is used to create a pressure differential that can be calibrated against the meter.

December 18, 2007
Mr. Bruce Kennedy, P.E
Aloha Utilities – Pasco County Interconnect
Pasco County Reference No. PCUO8-007.P.1

Page 3

CLA-VAL has been contacted and is exploring the possibility of controlling the valve via signal output from the meter. If so, it will be installed.

7. **A Rosemount Absolute Pressure Transmitter must be provided on the upstream side of the FCV for local and remote monitoring of the supply pressure to the Assembly.**

Response: A Rosemount Absolute Pressure Transmitter will be provided but we intend to set the Pressure Transmitter to measure Gage pressure, instead of Absolute pressure.

8. **A Pasco County standard Data Flow Systems Remote Telemetry Unit (RTU) with antenna must be installed to allow the County to remotely monitor and control the FCV. The RTU shall have one (1) digital output for open/close control of the FCV (solenoid) and two (2) analog inputs for the flow and pressure signals.**

Response: These will be provided.

9. **Provide a hose bib on the upstream side of the Assembly, within the fenced area, for the County's use.**

Response: A hose bib will be provided.

10. **Provide a 120 VAC receptacle within the-fenced area for the County's use.**

Response: A 120 VAC receptacle will be so provided.

11. **Per our maintenance staff, please be advised that we control corrosion in our systems with the addition of sodium chloride which raises the PH level to approximately 7.9-8.0.**

Response: We believe you mean Sodium Hydroxide instead of Sodium Chloride. We understand that Pasco County uses Sodium Hydroxide to raise the pH. This will not affect Alohas' system.

December 18, 2007
Mr. Bruce Kennedy, P.E
Aloha Utilities – Pasco County Interconnect
Pasco County Reference No. PCUO8-007.P.1

Page 4

12. **As mentioned in your cover letter with the submittal, package submitted including report and drawings is conceptual at 60% complete; therefore, it is not appropriate for us to sign the permit application until detailed design is provided.**

Response: At our meeting in your office, you apparently thought it was appropriate, in that you stated that if we revised the drawings to show the meter installation inside the project site, and include the Flow Control Valve in the meter assembly in accordance with your detail, you would sign the permit application.

We also stated that you would receive 90% and 100% drawing for review prior to bidding the project, and that any necessary changes to suit Pasco County Utilities would be incorporated into the design documents. Drawings at 100% are not necessary for Permitting purposes.

13. **If Aloha elects to proceed with this connection to County water system as presently proposed, be assured that there will be times of the day when the County's system may not be able to deliver water to Aloha due to pressure differences in our systems. As previously discussed, the County still recommends that Aloha construct a storage and re-pump facility to ensure that this connection can deliver an adequate quantity of water to Aloha and Aloha can pump this water into its system at an adequate pressure for its customers during peak hour demand.**

Response: Aloha understands this and asks no more than that Pasco county honor the terms of service set forth in their service agreement with Aloha Utilities. Aloha intends to construct storage and pumping facilities to serve their customers as the second phase of their work under the terms of the service agreement.

14. **Before the County can execute the FDEP Permit Application, Aloha will need to address each of the items listed above. In addition, as provided for in our service agreement Aloha will need to compensate the County for the engineering services the County's consultant has expended in modeling the proposed connection and basis of design. We will provide you with a summary these services and the cost thereof; under separate cover.**

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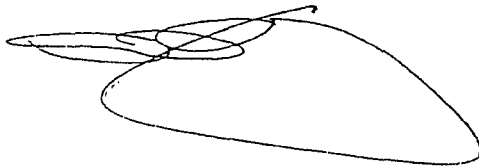
December 18, 2007
Mr. Bruce Kennedy, P.E.
Aloha Utilities – Pasco County Interconnect
Pasco County Reference No. PCUO8-007.P.1

Page 5

Response: Aloha will address each of the items set forth above as stated. We look forward to receiving a **detailed** invoice for the services expended by the County's consultant during their attempt to model the proposed connection.

If you require any additional information, or have any questions, please telephone.

Sincerely,
CIVIL ENGINEERING ASSOCIATES, INC.



Dale D. Ernsberger, P.E.
de/de

cc: Stephen Watford, President Aloha Utilities, Inc.
M. Deterding, Rose, Sundstrom et al
David Porter, P.E.

DOCUMENT NUMBER-DATE
00628 JAN 25 08

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CIVIL ENGINEERING ASSOCIATES INC.

January 15, 2008

Mr. Bruce Kennedy, P.E., Assistant County Administrator
West Pasco Government Complex
Public Works/Utilities Bldg., Suite 213
7530 Little Road
New Port Richey, Fl 34654

Reference: Aloha Utilities – Pasco County Interconnect
Booster Pumping Station
Pasco County Reference No. PCU08-007.P.1

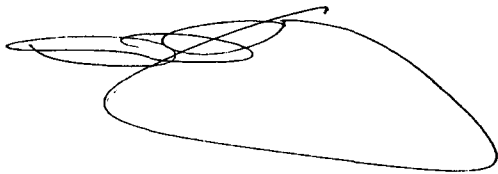
Subject: Response to Pasco County Letter of December 6, 2007

Dear Mr. Kennedy:

On December 19, 2007, we mailed a letter dated December 18, which responded to each of the items set forth in your letter of December 6, 2007. To date, we have received no reply as to whether our responses addressed all of your concerns. We would appreciate your earliest reply as we are proceeding acquiring the property and completing the design documents. As soon as we receive a control schematic from Rocha Controls, we will forward it to you for review. We have not received a response from Cla-Val but anticipate it later this week.

If you require any additional information, or have any questions, please telephone.

Sincerely,
CIVIL ENGINEERING ASSOCIATES, INC.



Dale D. Ernsberger, P.E.
de/de

cc: S. Watford, Aloha Utilities; M. Deterding, RSB; D. Porter P.E.

DOCUMENT NUMBER DATE

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CHRISTIAN W. MARCELLI, OF COUNSEL
(LICENSED IN NEW YORK ONLY)

January 22, 2008

VIA FAX & U.S. MAIL

Mr. Bruce Kennedy, P.E., Assistant County Administrator
West Pasco Government Complex
Public Works/Utilities Bldg. Suite 213
7530 Little Road
New Port Richey, FL 34654

Reference: Aloha Utilities - Pasco County Interconnect
Booster Pumping Station
Pasco County Reference No. PCU08-007.P.1

Subject: Response to Pasco County Letter of December 6, 2007

Dear Bruce:

On behalf of Aloha Utilities, we write this letter mindful of the daily demands on yourself and your staff. However, and as you are well aware, Aloha is both desirous of moving forward with this interconnect as expeditiously as possible and is under significant pressure from regulatory sources to complete this project on the earliest date possible. Accordingly, we respectfully request that, to the extent at all possible, you direct your staff to prioritize this matter, which has already taken much more time than Aloha reasonably anticipated based on its past dealings with the County for similar DEP permit applications.

DOCUMENT NUMBER-DATE

00628 JAN 25 08

FPSC-COMMISSION CLERK

Bruce Kennedy
January 22, 2008
Page 2

On December 18, 2007, Aloha's engineers, Civil Engineering Associates, Inc., wrote you a letter responding to your letter of December 6, 2007. On January 15, 2008, Aloha's engineers sent you a follow up letter inquiring as to why no reply had been received to Aloha's earlier letter inquiring whether Aloha's December 18 letter had addressed all of the County's concerns. I have attached a copy of each correspondence for your ready reference.

Aloha's only interest in this matter is to move the needed approval from the County forward as quickly as possible. We appreciate your cooperation in that regard and your understanding that time is of the essence with regard to this matter even more so than it typically would be, given Aloha's unique circumstances of which you are well aware.

Thank you in advance for your attention to this matter. If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,



JOHN L. WHARTON
For the Firm

JLW/bsr

cc: Stephen Watford
Dale D. Ernsberger, P.E.
David Porter, P.E.
Joe Richards

aloha/kennedy re pasco interconnect Jan 22.doc

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