

**CITY OF NAPLES
PURCHASING DIVISION
CITY HALL, 735 8TH STREET SOUTH
NAPLES, FLORIDA 34102
PH: 239-213-7100 FX: 239-213-7105**

ADDENDUM NUMBER 1

| | | | |
|--|--|---|---|
| <small>NOTIFICATION DATE:</small> 01/09/13 | <small>BID TITLE:</small> 012-13 Raw Water Supply Well Rehab ITB | <small>BID NUMBER:</small> 012-13 | <small>BID OPENING DATE & TIME:</small> 01/17/2013 2:00PM |
|--|--|---|---|

**THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO,
AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.**

The follow written questions have been submitted.

1) What is the cost estimate for the project?

Answer: The project is budgeted at \$18,000 per well (\$180,000.00 total)

2) Please provide the Project Value or a Range for the project.

Answer: the cost estimate for the project is \$180,000.00

3) There are some sites that may not meet the OSHA setback requirements to electrical lines particularly wells 302 & 303. It appears the wells are 3-feet from the outside lines although they are approximately 30-feet high the crane and or cables will be way to close to meet the minimum standards. In the past have you ever had the power company shut the lines off while working on them and what would the plan be if we cannot meet OSHA setbacks?

Answer: In the past, the City has removed the well piping for wells 302 & 303 without involvement by the power company. However, all work associated with this project must comply with local, State, and Federal guidelines. If coordination with the power company is necessary to complete the project and abide by with local, State, and Federal guidelines (including OSHA requirements), it is the Contractor's responsibility to do so and include all associated costs in their bid.

4) As many of the well sites will need an MOT, does the City want to add a line item or have the Contractors put the cost in item 1.2 General Requirements?

Answer: All costs associated with MOT and permitting must be included in the Contractor's bid.

5) May we utilize raw water from the discharge line of each well pump and if so, will there be any charges to the Contractor for water?

Answer: To obtain water from the discharge at each well, the Contractor will be required to remove and protect City equipment, provide any required fittings to adapt to equipment, provide a certified backflow device to prevent any contamination into the discharge line, and assure disinfection of all tools, materials, and equipment used at the City well facilities. The City does not

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guarantee any specific discharge pressure. The City will not charge for responsible raw water usage in conjunction with the project.

6) The specifications mention the use of hydrochloric acid however neither the strength or quantities were specified. During the Pre-Bid meeting a prospective bidder asked for the quantity of acid and your response was "the quantities should be based on the recognized standard". There is no clear and undisputed standard however generally accepted practice calls for acid quantities of one and one half (1-1/2) to two (2) times the volume of the open bore hole portion of each well and an acid strength of 15%. We believe it in the best interests of the City to establish the amount and strength of acid to be included in every bid. Since two (2) times the open bore hole volume is the generally recognized "maximum" amount of acid, we suggest you base the acid quantity on that amount for bidding purposes and specify an acid strength of 15%. Your bid form already has a section in which each bidder is to submit a unit price for additional acid. This section could be modified to state "unit price per gallon for more or less acid than the quantity specified". After the project is awarded, should a review of your records indicate previous well rehabs showed favorable results utilizing acid in quantities of less than two (2) times the open bore hole volume of the wells, the City can direct the Contractor to reduce the acid quantity accordingly.

Answer: All work must conform to AWWA standards.

7) We believe the electrical power lines located above wells #302 and #303 are too close to the well heads to allow for the safe removal and reinstallation of the pumps and to conduct other activities related to the rehabilitation of these two (2) wells. Unless these power lines are sufficiently "booted" or the power lines are de-energized while work is performed, we believe any attempt to work on these two (2) wells would be in violation of OSHA Standards as it relates to the minimum allowable distances between the Contractor's equipment and adjacent power lines. Depending on the KVA rating of the power lines, the working distance may be even greater and this could place even more restrictions on the ability of the Contractor to perform the work at these two (2) well sites. We request the City advise all bidders if the overhead power lines can be "booted" or the lines de-energized and what costs would be imposed by the electric utility on the Contractor to boot or de-energize the power lines. If the City is unable to arrange for the power lines to be "booted" or de-energized will the City eliminate these two (2) wells from the bid?

Answer: In the past, the City has removed the well piping for wells 302 & 303 without involvement with the power company. However, all work associated with this project must comply with local, State, and Federal guidelines. If coordination with the power company is necessary to complete the project and abide by with local, State, and Federal guidelines (including OSHA requirements), it is the Contractor's responsibility to do so and include all associated costs in their bid.

8) Does the Corporate Resolution included in the bidding documents need to be signed by all officers of the corporation or only the Secretary and the officer signing the bid?

Answer: Under Section 00420, only the Secretary and individuals of the corporation who have Board authorized to act under the resolution need to be named with signatures.

9) Does the City have a preference or a recommendation on the type and brand of disinfectant to be utilized on these wells?

Answer: The Contractor is responsible for the products and procedures he intends to use on this project. One of the most common methods to chlorinate/disinfect wells is the use of a solution of Sodium Hypochlorite. However, when using this product the Contractor has to be vigilant in their monitoring of PH procedures. If the PH levels are not maintained at the proper levels (per AWWA standards), proper chlorination/disinfection will not be accomplished. The City has experience

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much better results with the use of a product called Sterilene by Design Water Technology. This produce is more stable, is safer to use, and has performed better than sodium hypochlorite.

10) Well #316 is located in an area that will require branches to be cut from trees to gain reasonable access. Will the City assume this task and expense at this location and any other if applicable?

Answer: The City will arrange to have the required branches trimmed to allow reasonable access. No trees will be overly trimmed, removed, or relocated for any reason. The Contractor is expected to utilize appropriately sized equipment to perform the required functions on this well. Providing access for oversized equipment will not be allowed.

11) Access to well #316 requires that equipment be driven through a homeowner's yard and sidewalk constructed of paver stones. Who is responsible for the costs of repairs to the yard and/or sidewalk pavers if damaged?

Answer: All costs for restoration caused by the Contractor are the responsibility of the Contractor.

12) Please clarify the amount of time that the Contractor shall account for in each lump sum Development item on the bid form. Shall the Contractor assume 8 hours of development to meet the requirements of the specifications and anything beyond that will be accounted for in the "Additional Services" Section?

Answer: Section 3.01 D. clearly states what parameters are required to meet the Well Development stage. The City will not set a time frame for this requirement. In previous well rehabilitations, no wells required more than 8 hours of development. If the parameters of 3.01 D. cannot be met in 8 hours the City and the Contractor will review the progress and data to determine what steps need to be taken if any.

13) According to Section 3.02 Step Drawdown Testing, the Contractor will conduct the test at four escalating rates, but there is no mention of the duration of each step. Please clarify.

Answer: Static water level will be obtained and documented prior to pumping. Upon startup, sand content will be observed and documented to establish the wells initial burst of sand, if any. After startup, sand content, gallons per minute, drawdown measurements and pressure readings will be taken at 5 minute intervals. At each pre-determined pump rate the readings will be taken at 5 minute intervals until the drawdown level stabilizes for 3 consecutive readings. The test will continue for each required flow rate specified in the documents until all criteria is satisfied and approved by City staff assigned to the project.

14) May the Contractor use the existing pumps to conduct the first step drawdown test?

Answer: The Contractor shall perform all pump testing (pre and post drawdown testing) with their own supplied equipment. The City's pumping equipment will not be used for any phase of the rehabilitation.

The following are bid clarification from the pre-bid meeting.

- Please be advised the steel well casings are 8 inch for all the wells. Please modify Table 1 as follows:

TABLE 1 GENERAL WELL CHARACTERISTICS

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| Well # | Install Date (Year) | Well Case DI (") | Well Case Depth(') | Total Well Depth(') | DESIGN (gpm) |
|--------|---------------------|------------------|--------------------|---------------------|--------------|
| 301 | 1958 | 8" | 56 | 90 | 350 |
| 302 | 1958 | 8" | 57 | 87 | 350 |
| 303 | 1958 | 8" | 56 | 89 | 350 |
| 305 | 1962 | 8" | 53.5 | 82 | 350 |
| 308 | 1964 | 8" | 59 | 80 | 350 |
| 311 | 1965 | 8" | 64 | 87 | 350 |
| 316 | 1968 | 8" | 60* | 80 | 350 |
| 318 | 1969 | 8" | 61 | 85 | 350 |
| 327 | 1971 | 8" | 61 | 85 | 350 |
| 328 | 1971 | 8" | 61 | 85 | 350 |

- Please be advised that well #318 has similar access limitations to wells 302 and 303 and therefore the bid form has been revised to group wells 302, 303, & 318 together. Please see the revised bid form below (Exhibit B). Additionally, a statement next to wells 301 and 305 was added (*w/i medians*) and next to wells 302, 303, 318 (*w/ access limitations*)
- Well #303 is located on the Wilderness Golf Course and work on this well can only take place between May 28th and June 7th. The golf course must be protected from vehicular traffic by the placement of plywood where vehicles will drive over the golf course and the golf course must be restored by the Contractor to pre-construction conditions following the completion of the work on well #303

1) How many wells can be out of services at one time?

Answer: Two (2) well can be taken out of service at one time.

2) Are all the wells currently operational?

Answer: All wells are currently operational except for well # 328, which is down due to low production.

3) How are the road median wells going to be scheduled? What issues are involved?

Answer: Scheduling and permitting of the work associated with the wells in the medians is up to the Contractor to determine. In the past the City typically flushes the wells within the medians early in the morning and places "Road Under Water" signs to warn traffic. However, as permitting through Collier County will be required (by the Contractor) for the wells within the median, Collier County will have to approve the Contractor's schedule.

4) Are there any MOT permitting issues? Are there any ROW issues or concerns?

Answer: Some of the wells will require ROW permitting through Collier County. All costs associated with MOT and permitting must be included in the Contractor's bid and shall be the responsibility of the Contractor.

5) Are there well screens currently in-place?

Answer: No.

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6) Are there any overhead power line or other utilities issues?

Answer: Wells 302, 303, & 318 have access limitations including, but not limited to, limitations due to overhead power lines.

7) Are there any specific acid volume guidelines require for the project?

Answer: All work must conform to AWWA standards.

8) What is the time limit for the project?

Answer: Notice to proceed is anticipated to be given by March 1, 2013. The construction schedule shall be 5 months.

9) What are the Bid and Performance Bond requirements?

Answer: See the special conditions in the invitation to bid.

10) What is the extent of the liability issues for possible damage incurred to the wells during rehab?

Answer: See the special conditions in the invitation to bid.

11) How many wellheads have already been rehabilitated in this well field prior to this date?

Answer:

Total Coastal Ridge Wells previously completed = 16

Wells on current list previously rehabbed = 4 (311, 318, 327,328)

12) How does the project pricing in Section 00300 Bid Form related to Schedule 2 and Schedule 3? At what point does Schedule 3 come into play?

Answer: Schedule 3 may only be billed if the City authorizes work that is deemed by the City as outside the scope of this project. The bid prices in Schedules 1 and 2 must include all costs to rehabilitate the wells per the project specifications; this includes all costs associated with clearing and placing the wells back into service (less the costs associated with pulling samples and laboratory sampling).

13) What is the timing and other disinfection issues related to the water sampling by the City?

Answer: The City will pull the samples and test the samples at the City's laboratory. The City requires 48 hour notice prior to pulling a sample and the Contractor must be onsite when a sample is pulled. Sampling duration and quantity must comply with FDEP requirements. More than two back-to-back failed samples will result in the Contractor being charged for the City's services to pull and test the sample.

14)Is the any current baseline water testing data for the subject wells?

Answer: BARTs tests for 2010 and 2011 are attached to this addendum. See Exhibit C.

15) What are the pump load capacities, and is the information in the bid document correct?

Answer: See specification section 01000, 2.02A and 3.02A. Please change the first sentence of section 2.02A to state, "The Contractor shall provide a test pump(s) capable of pumping per section 3.02A for well development and step-drawdown testing under atmospheric conditions."

16)Are there any step-down test timing issues?

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Answer: All testing shall me per AWWA standards.

17) Can the selected Contractor use the power at the station?

Answer: Yes, if the power is used for Contractor supplied equipment with VFD controls.

BELOW PLEASE FIND:

EXHIBIT A - Revised Bid Form – THIS SHEET MUST BE COMPLETED AND RETURNED WITH BID

EXHIBIT B - 2010 and 2011 BART's Test Results

EXHIBIT C - Attendee List from the pre-bid meeting

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PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID COVER SHEET.

EXHIBIT A

SECTION 00300 BID FORM

THIS SHEET MUST BE COMPLETED AND RETURNED WITH BID

NAME OF BIDDER: _____

PROJECT IDENTIFICATION: City of Naples - Raw Water Supply Well Rehabilitation

Bidder submits the following prices to perform all the work as required by the Specifications:

| <u>Item No.</u> | <u>Description</u> | <u>Estimated Quantity</u> | <u>Units</u> | <u>Unit Price</u> | <u>Extended Price</u> |
|--|-----------------------------|-------------------------------|--------------|-----------------------|---------------------------|
| Schedule 1: General | | | | | |
| 1.1. | Mobilization/Demobilization | 1 | LS | \$ _____ | \$ _____ |
| 1.2. | General Requirements | 1 | LS | \$ _____ | \$ _____ |
| 1.3. | Indemnification | 1 | LS | \$ _____ | \$ _____ |
| Subtotal for Schedule 1: | | | | | \$ _____ |
| Schedule 2: Rehabilitation/Disinfection | | | | | |
| Wells 308, 311, 316, 327, 328 | | | | | |
| 2.1. | Removal/Reinstall | 6 | EA | \$ _____ | \$ _____ |
| 2.2. | Acidizing (6 wells) | 6 | EA | \$ _____ | \$ _____ |
| 2.3. | Disinfection (6 wells) | 6 | EA | \$ _____ | \$ _____ |
| 2.4. | Development (6 wells) | 6 | EA | \$ _____ | \$ _____ |
| 2.5. | Video Log (6 wells X 2) | 12 | EA | \$ _____ | \$ _____ |
| 2.6. | Step Testing (6 wells x 2) | 12 | EA | \$ _____ | \$ _____ |
| Wells 301, 305 (w/i medians) | | | | | |
| 2.7. | Removal/Reinstall | 2 | EA | \$ _____ | \$ _____ |
| 2.8. | Acidizing (2 wells) | 2 | EA | \$ _____ | \$ _____ |
| 2.9. | Disinfection (2 wells) | 2 | EA | \$ _____ | \$ _____ |
| 2.10. | Development (2 wells) | 2 | EA | \$ _____ | \$ _____ |
| 2.11. | Video Log (2 wells X 2) | 4 | EA | \$ _____ | \$ _____ |
| 2.12. | Step Testing (2 wells x 2) | 4 | EA | \$ _____ | \$ _____ |
| Wells 302, 303, 381 (w/ access limitations) | | | | | |
| 2.13. | Removal/Reinstall | 3 | EA | \$ _____ | \$ _____ |
| 2.14. | Acidizing (2 wells) | 3 | EA | \$ _____ | \$ _____ |
| 2.15. | Disinfection (2 wells) | 3 | EA | \$ _____ | \$ _____ |
| 2.16. | Development (2 wells) | 3 | EA | \$ _____ | \$ _____ |
| 2.17. | Video Log (2 wells X 2) | 6 | EA | \$ _____ | \$ _____ |
| 2.18. | Step Testing (2 wells x 2) | 6 | EA | \$ _____ | \$ _____ |
| Subtotal for Schedule 2: | | | | | \$ _____ |

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Schedule 3: Additional Services (Optional)

| | | | | | |
|-------------|--------------------------------------|----------|-----------|-----------|-----------|
| 3.1. | Acid Solution Injection (Gal) | 1 | EA | \$ | \$ |
| 3.2. | Disinfectant Injection (Gal) | 1 | EA | \$ | \$ |
| 3.3. | Well Development | 1 | HR | \$ | \$ |
| 3.4. | Video Logging | 1 | LS | \$ | \$ |
| 3.5. | Step Draw-down Testing | 1 | HR | \$ | \$ |

Subtotal for Schedule 3: \$ _____

Total Base Bid Price for the Contract (Sum of Schedules 1 through 3): \$ _____

(Total In Words)

All Bid items shall include all materials, equipment, labor, permit fees, taxes, tests, miscellaneous costs of all types, overhead, and profit for the item to be complete, in place, and ready for operation in the manner contemplated by the Contract Documents.

Please check box to indicate submittal of detailed plan of action. **(REQUIRED)**

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EXHIBIT B

2010 BARTs Test Results City of Naples Wellfield Rehabilitation Project

Well 309

Slime Forming Bacteria – Daily observations over a 12-day period show no obvious formations present.

Iron Related Bacteria – Sample turned a cloudy brown color on day 4 with red-brown gas bubbles forming over the top half of the float. By Day 6 most of the bubble formations have dissipated leaving a dark red-brown ring around the top portion of the float. This FO-BR-BC sequence would indicate moderate amounts of mixed anaerobic and IRB formation with some aerobic slime forming bacteria.

Sulfate Reducing Bacteria – Sample turned cloudy-gel like on Day 6 but never turned black at any time. This CG reaction does not indicate that SRB are present but that anaerobic bacteria are.

Nitrifying Bacteria – Sample showed no reaction the reagent introduced on Day 5.

Well 311

Slime Forming Bacteria – Sample turned cloudy on day 6. Formations around the float begin to appear after Day 4. After 10 days the formations around the float have turned a blue-green color. This CL-BL sequence would indicate a moderate amount of slime formers and enteric bacteria.

Iron Related Bacteria – Results were similar to Well 309 with a smaller bubble formation covering only the top of the float.

Sulfate Reducing Bacteria – The sample started to turn cloudy on Day 4. By Day 9 the sample turned black with no visible sign of slime formation around the float. This sequence would indicate a moderate concentration of anaerobic bacteria with low concentrations of deep seated anaerobic.

Nitrifying Bacteria - Sample showed no reaction to the reagent introduced on Day 5.

Well 318

Slime Forming Bacteria – Daily observations over a 12-day period show no obvious formations present.

Iron Related Bacteria – Sample turned cloudy on Day 4 with some bubble formation under the float. By Day 6 the bubble formations are present around and below the float. This CL-FO sequence would indicate moderate amounts of IRB with mixed aerobes and some anaerobic activity.

Sulfate Reducing Bacteria – A blackened base starts to form in this sample on Day 4. By Day 6 the float and entire contents of the sample have turned black. This BB-BA sequence would indicate moderate concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Nitrifying Bacteria - Sample showed no reaction to the reagent introduced on Day 5.

Well 319

Slime Forming Bacteria – Daily observations over a 12-day period show no obvious formations present.

Iron Related Bacteria – The sample formed red-brown gas bubbles around the top of the float on Day 6. By Day 7 a brown ring had formed and the sample had started to turn cloudy, going brown-cloudy by Day 9. This FO-BR-BC sequence would indicate lower to moderate concentrations of mixed anaerobic and IRB with aerobic slime forming bacteria.

Sulfate Reducing Bacteria - A blackened base starts to form in this sample on Day 6. By Day 9 the float and entire contents of the sample have turned black. This BB-BA sequence would indicate lower concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Nitrifying Bacteria - Sample showed no reaction to the reagent introduced on Day 5.

Well 321

Slime Forming Bacteria – Daily observations over a 12-day period show no obvious formations present.

Iron Related Bacteria – No reaction to this sample until Day 6 when it started to turn cloudy. Some foaming was present on Day 7. This CL-FO sequence would indicate low concentrations of IRB with mixed aerobes and some anaerobic activity.

Sulfate Reducing Bacteria - A blackened base starts to form in this sample on Day 6. By Day 9 the float and entire contents of the sample have turned black. This BB-BA sequence would indicate lower concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Nitrifying Bacteria - Sample showed no reaction to the reagent introduced on Day 5.

Well 322

Slime Forming Bacteria – Daily observations over a 12-day period show no obvious formations present.

Iron Related Bacteria – The sample formed a red-brown ring on Day 3 turning cloudy by Day 4. By Day 6 it had turned brown cloudy. This CL-BC-BR sequence would indicate moderate concentrations of mixed IRB with some slime formers.

Sulfate Reducing Bacteria - A blackened base starts to form in this sample on Day 4. By Day 6 the float and entire contents of the sample have turned black. This BB-BA sequence would indicate moderate concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Nitrifying Bacteria - Sample showed no reaction to the reagent introduced on Day 5.

Well 324

Slime Forming Bacteria – Formations around the float begin to appear after Day 6. By Day 12 the formation around the top of the float has turned an orange color and the sample has turned cloudy. This SR-CL sequence would indicate low levels of aerobic slime forming bacteria with some facultative anaerobes.

Iron Related Bacteria – This sample showed no reaction until Day 9 when it started to turn cloudy and form small amounts of gas bubbles. This CL-FO sequence would indicate low concentrations of IRB with mixed aerobes and some anaerobic activity.

Sulfate Reducing Bacteria – This sample started to turn cloudy on Day 6. Between Days 9-12 the sample sequence went from BB to BA. This would indicate lower concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Nitrifying Bacteria - Sample showed no reaction to the reagent introduced on Day 5.

**2011 BARTs Test Results
City of Naples
Wellfield Rehabilitation Project**

Well 301

Slime Forming Bacteria – Daily observations over a 10-day period show no obvious formations present.

Iron Related Bacteria – Sample turned a cloudy brown color on day 7 with red-brown gas bubbles forming over the bottom of the float. By Day 9 bubble formations have accumulated on the top of the float as well. This CL-FO sequence would indicate IRB with mixed anaerobic activity in the moderate range.

Sulfate Reducing Bacteria – A blackened base starts to form in this sample on Day 6. By Day 8 the float and entire contents of the sample have turned black. This BB-BA sequence would indicate moderate to low concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Well 302

Slime Forming Bacteria – No obvious formations present until the sample started to turn cloudy around Day 8. Indications are of low concentrations of slime forming bacteria.

Iron Related Bacteria – Sample turned cloudy on Day 5, then brown-cloudy, and a brown ring formed by Day 8. This CL-BC-BR sequence would indicate moderate concentrations of mixed IRB with some slime formers.

Sulfate Reducing Bacteria – A blackened base starts to form in this sample on Day 8. By Day 11 the bottom of the float and the contents of the sample have turned black. This BB-BA sequence would indicate low concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Well 305

Slime Forming Bacteria – Daily observations over a 10-day period show no obvious formations present.

Iron Related Bacteria – The sample formed a red-brown ring on Day 4 turning brown-cloudy by Day 7 indicating moderate to high concentrations of IRB.

Sulfate Reducing Bacteria – A blackened base starts to form in this sample on Day 7. By Day 8 the bottom of the float and the contents of the sample have turned black. This BB-BA sequence would indicate low concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Well 306

Slime Forming Bacteria – Daily observations over a 10-day period show no obvious formations present.

Iron Related Bacteria – The sample formed a red-brown ring on Day 3 turning brown-cloudy by Day 5 indicating moderate to high concentrations of IRB.

Sulfate Reducing Bacteria - A blackened base starts to form in this sample on Day 7. By Day 8 the bottom of the float and the contents of the sample have turned black. This BB-BA sequence would indicate low concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Well 307

Slime Forming Bacteria – Daily observations over a 10-day period show no obvious formations present.

Iron Related Bacteria – Sample turned a cloudy brown color on day 8 with gas bubbles forming around the float. By Day 9 a dark red-brown ring has started to form around the top portion of the float. This FO-BR-BC sequence would indicate moderate to low amounts of mixed anaerobic and IRB formation with some aerobic slime forming bacteria.

Sulfate Reducing Bacteria - A blackened base starts to form in this sample on Day 7. By Day 8 the bottom of the float and the contents of the sample have turned black. This BB-BA sequence would indicate low concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Well 316

Slime Forming Bacteria – Formations around the float begin to appear on Day 8 indicating low concentrations of slime forming bacteria.

Iron Related Bacteria – The sample formed a red-brown ring on Day 5 turning brown-cloudy by Day 8 indicating moderate to low concentrations of IRB

Sulfate Reducing Bacteria - A blackened base starts to form in this sample on Day 8 with no changes noted on following days indicating moderate to low concentrations of anaerobic SRB.

Well 317

Slime Forming Bacteria – Formations around the float begin to appear on Day 9 indicating low concentrations of slime forming bacteria.

Iron Related Bacteria – Sample turned a cloudy brown color on day 8 with gas bubbles forming around the float and a dark red-brown ring has started to form around the top portion of the float. This FO-BR-BC sequence would indicate moderate to low amounts of mixed anaerobic and IRB formation with some aerobic slime forming bacteria.

Sulfate Reducing Bacteria – A blackened base starts to form in this sample on Day 7. By Day 8 the bottom of the float and the contents of the sample have turned black. This BB-BA sequence would indicate low concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

Well 323

Slime Forming Bacteria – Daily observations over a 10-day period show no obvious formations present.

Iron Related Bacteria – Gas bubbles began forming on the bottom of the float on Day 9. By Day 11 that had formed on the top of the float as well indicating low concentrations of anaerobic bacteria.

Sulfate Reducing Bacteria – A blackened base starts to form in this sample on Day 8. By Day 9 the bottom of the float and the contents of the sample have turned black. This BB-BA sequence would indicate low concentrations of a dominant anaerobic consortium including SRB with a fraction able to function aerobically as slime formers incorporating the SRB.

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EXHIBIT C

NON-MANDATORY PRE-BID

Invitation To Bid

Raw Water Supply Well Rehab

#012-13

January 3, 2013 10:00 AM Local Time

Naples Utilities Department, 380 Riverside Circle, Naples FL 34102

Page 1

NAME STEVEN C. ROBERTI

COMPANY Roberti Industries / Complete Services well drilling

TELEPHONE 904-449-3559

E-MAIL SCRoberti@comcast.net

NAME CHARLIE DIEHL

COMPANY DIVERSIFIED DRILLING CORP

TELEPHONE 813-988-1132

E-MAIL CDIEHL@WELLWATER.COM

NAME CHRIS BANNON

COMPANY LAYNE CHRISTENSEN COMPANY

TELEPHONE 239 275 1029

E-MAIL CHRISTOPHER.BANNON@LAYNE.COM

NAME Greg Conners

COMPANY City Staff

TELEPHONE _____

E-MAIL ggconners@naplesgov.com

NON-MANDATORY PRE-BID

Invitation To Bid

Raw Water Supply Well Rehab

#012-13

January 3, 2013 10:00 AM Local Time

Naples Utilities Department, 380 Riverside Circle, Naples FL 34102

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NAME JUSTIN FREDERIKSEN

COMPANY CITY OF NAPLES

TELEPHONE 213-4762

E-MAIL jfrederiksen@naplesgov.com

NAME KEVIN M SWISHER

COMPANY CITY OF NAPLES (UTILITIES MAINT)

TELEPHONE 213-4727

E-MAIL KSWISHER@NAPLESGOV.COM

NAME BEN COPELAND

COMPANY CITY OF NAPLES

TELEPHONE 239 213-4722

E-MAIL bcopeland@naplesgov.com

NAME KEVIN SWISHER

COMPANY CITY STAFF

TELEPHONE _____

E-MAIL KSWISHER@NAPLESGOV.COM

NON-MANDATORY PRE-BID

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Raw Water Supply Well Rehab

#012-13

January 3, 2013 10:00 AM Local Time

Naples Utilities Department, 380 Riverside Circle, Naples FL 34102

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NAME Bobby Kohlmeier

COMPANY Wells & Water Systems Inc.

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E-MAIL RJK@WatersystemsFlorida.com

NAME Noah Ringdahl

COMPANY Florida Design Drilling Corp

TELEPHONE 561 844 2966

E-MAIL noah@fldrilling.com

NAME _____

COMPANY _____

TELEPHONE _____

E-MAIL _____

NAME _____

COMPANY _____

TELEPHONE _____

E-MAIL _____