



# WEST PALM BEACH

Purchasing Department

**Addendum 2  
ITB 16-17-134  
June 28, 2017**

## **Performance Testing of Laboratory Analysis (Re-issue)**

Each recipient of this Addendum acknowledges all of the provisions set forth in the Invitation to Bid (ITB) and agrees to be bound by the terms thereof.

This addendum shall modify, clarify, change or add information and become part of the above referenced ITB.

### **This Addendum shall provide the following information:**

- Questions and Answers

### **The following documents are included with this addendum:**

- Addendum 2 ITB 16-17-134
- Laboratory E56738 Scope of Accreditation
- Laboratory E56065 Scope of Accreditation
- Revised Schedule of Bid Items Form B3

### **Questions and Answers**

**Question 1: Our organization sells a “Demand Standard Test” which for example can be used by the lab for items #23, #24, and #32. Can a price be placed in item #23 and refer item #24 and #32 to the pricing in #23?**

**Answer:** Yes, please be sure to clearly indicate if pricing for one item is inclusive of pricing for another item.

**Question 2: Are the samples outlined on your Schedule of Bid Items (Form B3) required for BOTH lab locations, or does each location only perform a portion of the analysis (ie only requires a portion of all the samples reported on Form B3)? If so, which location performs which testing?**

**Answer:** The samples are required for both locations; see scope of accreditation for each location attached to this addendum.

**Question 3: In the following list are the Potable Water methods described on the Schedule of Bid Items Form B3 for Total, Fecal or E Coli analysis:**

- a) SM9222B – Total Coliform
- b) SM9222D – Fecal Coliform
- c) EC + MUG – E Coli
- d) NA + MUG – E Coli
- e) SM9223B – Total Coliform
- f) SM9223B – E Coli

**Are any of the above methods needed to fulfill a Source Water Quantitative requirement? If so, which ones? Or are all of the methods only required for Presence/Absence analysis?**

**Answer:** Yes, Total/Fecal/EColi (both locations have non potable water (NPW) certifications). SM9223B and EPA 1604 need Presence/Absence (see Laboratory E56738 Scope of Accreditation for the Water Treatment Plant). EC+MUG–E Coli and NA+MUG–E Coli are not performed anymore and have been removed from revised the Schedule of Bid Items Form B3 included in this addendum.

**Question 4: Section 1 – Scope of Work, Services indicates that “PT studies are conducted twice a year. PT and QC standards are ordered for all PT studies and QC requirements for analysis as well as for DOC studies for all technicians.” Are we to assume this means that for every PT sample quoted, a corresponding QC sample should be quoted as well?**

**Answer:** Correct, The City of West Palm Beach purchases QCs for DOC studies, daily use for QC standards, Chemistry testing and Controls for Microbiology monthly requirements. Currently, the City has an automatic order for monthly QCs for Chemistry and Microbiology analyses. The QC volumes are based on sample size use per analysis for each month. Depending on the sizes for QC bottles, the City orders for: Solids, Minerals, Demand, IC, Hardness, pH, GGA. Monthly Micro Controls: ie. (E. aerogenes), (E. coli), (E. faecalis), (S. aureas), P. aeruginosa). The Schedule of Bid Items Form B3 has been modified to include a column for QC and PT testing and has been included in this addendum.

**Question 5: If the initial term is for 36 months, then should we assume that a total of 6 PT studies should be quoted (quantity of 6 for each item on the Schedule of Bid Items Form B3)?hat is the estimated annual volume by position, either by estimated dollar volume or estimated hours?**

**Answer:** The Schedule of Bid Items Form B3 has been modified to provide an estimated annual quantity of the samples requiring testing.

**All of the other information remains the same.**

Proposers must acknowledge receipt of this Addendum 2 in the space provided below. This Addendum forms an integral part of the ITB documents and therefore must be executed. Failure to return this addendum with your bid submittal may be cause for disqualification.

Issued By: City of West Palm Beach  
Procurement Division  
June 28, 2017

Signed By:   
Nathaniel P. Rubel  
Procurement Supervisor

PROPOSER: \_\_\_\_\_

Signed By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

End of Addendum 2

**Laboratory Scope of Accreditation**

**Attachment to Certificate #: E56738-22, expiration date June 30, 2017. This listing of accredited analytes should be used only when associated with a valid certificate.**

State Laboratory ID: **E56738**EPA Lab Code: **FL01098****(561) 822-2271****E56738****City of West Palm Beach Public Utilities Water Laboratory****1009 Banyan Boulevard****West Palm Beach, FL 33401**Matrix: **Drinking Water**

| Analyte                         | Method/Tech                                       | Category                         | Certification Type | Effective Date |
|---------------------------------|---|----------------------------------|--------------------|----------------|
| Alkalinity as CaCO <sub>3</sub> | SM 2320 B   | Primary Inorganic Contaminants   | NELAP              | 10/6/2010      |
| Calcium                         | SM 3500-Ca B<br>(20th/21st/22nd<br>Ed.-1997)/TITR | Primary Inorganic Contaminants   | NELAP              | 12/9/2016      |
| Chloride                        | EPA 300.0   | Secondary Inorganic Contaminants | NELAP              | 5/15/2013      |
| Chloride                        | SM 4500 Cl- D                                     | Secondary Inorganic Contaminants | NELAP              | 5/15/2013      |
| Conductivity                    | SM 2510 B   | Primary Inorganic Contaminants   | NELAP              | 10/6/2010      |
| Escherichia coli                | MI Agar   | Microbiology                     | NELAP              | 12/9/2016      |
| Escherichia coli                | SM 9223 B   | Microbiology                     | NELAP              | 10/6/2010      |
| Fluoride                        | EPA 300.0   | Primary Inorganic Contaminants   | NELAP              | 5/15/2013      |
| Fluoride                        | SM 4500 F-C                                       | Primary Inorganic Contaminants   | NELAP              | 5/15/2013      |
| Heterotrophic plate count       | SM 9215 B   | Microbiology                     | NELAP              | 10/6/2010      |
| Nitrate                         | EPA 300.0   | Primary Inorganic Contaminants   | NELAP              | 5/15/2013      |
| Nitrite                         | EPA 300.0   | Primary Inorganic Contaminants   | NELAP              | 5/15/2013      |
| Odor                            | SM 2150 B   | Secondary Inorganic Contaminants | NELAP              | 5/15/2013      |
| Orthophosphate as P             | EPA 300.0   | Primary Inorganic Contaminants   | NELAP              | 5/15/2013      |
| pH                              | SM 4500-H+-B                                      | Primary Inorganic Contaminants   | NELAP              | 10/6/2010      |
| Sulfate                         | EPA 300.0   | Primary Inorganic Contaminants   | NELAP              | 5/15/2013      |
| Total coliforms                 | MI Agar   | Microbiology                     | NELAP              | 12/9/2016      |
| Total coliforms                 | SM 9223 B   | Microbiology                     | NELAP              | 10/6/2010      |
| Total organic carbon            | SM 5310 C   | Primary Inorganic Contaminants   | NELAP              | 5/15/2013      |
| Turbidity                       | SM 2130 B   | Secondary Inorganic Contaminants | NELAP              | 5/15/2013      |



**Laboratory Scope of Accreditation**

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State Laboratory ID: **E56738**

EPA Lab Code: **FL01098**

**(561) 822-2271**

**E56738**

**City of West Palm Beach Public Utilities Water Laboratory  
1009 Banyan Boulevard  
West Palm Beach, FL 33401**

Matrix: **Non-Potable Water**

| Analyte              | Method/Tech | Category          | Certification Type | Effective Date |
|----------------------|-------------|-------------------|--------------------|----------------|
| Chloride             | EPA 300.0   | General Chemistry | NELAP              | 12/9/2016      |
| Escherichia coli     | EPA 1604    | Microbiology      | NELAP              | 12/9/2016      |
| Fecal coliforms      | SM 9222 D   | Microbiology      | NELAP              | 10/26/2006     |
| Fluoride             | EPA 300.0   | General Chemistry | NELAP              | 12/9/2016      |
| Nitrate              | EPA 300.0   | General Chemistry | NELAP              | 12/9/2016      |
| Nitrite              | EPA 300.0   | General Chemistry | NELAP              | 12/9/2016      |
| Orthophosphate as P  | EPA 300.0   | General Chemistry | NELAP              | 12/9/2016      |
| Sulfate              | EPA 300.0   | General Chemistry | NELAP              | 12/9/2016      |
| Total coliforms      | EPA 1604    | Microbiology      | NELAP              | 12/9/2016      |
| Total coliforms      | SM 9222 B   | Microbiology      | NELAP              | 10/26/2006     |
| Total organic carbon | SM 5310 C   | General Chemistry | NELAP              | 5/15/2013      |



Laboratory Scope of Accreditation

Attachment to Certificate #: E56065-28, expiration date June 30, 2017. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E56065                      EPA Lab Code: FL00057                      (561) 837-4061

E56065  
City of West Palm Beach East Central Wastewater Plant  
4325 North Haverhill Road  
West Palm Beach, FL 33417

Matrix: Non-Potable Water

| Analyte                             | Method/Tech                    | Category          | Certification Type | Effective Date |
|-------------------------------------|--------------------------------|-------------------|--------------------|----------------|
| Alkalinity as CaCO <sub>3</sub>     | SM 2320 B                      | General Chemistry | NELAP              | 2/8/2002       |
| Ammonia as N                        | EPA 350.1                      | General Chemistry | NELAP              | 7/29/2005      |
| Biochemical oxygen demand           | SM 5210 B                      | General Chemistry | NELAP              | 7/29/2005      |
| Carbonaceous BOD (CBOD)             | SM 5210 B                      | General Chemistry | NELAP              | 2/8/2002       |
| Chemical oxygen demand              | SM 5220 D                      | General Chemistry | NELAP              | 7/29/2005      |
| Chloride                            | SM 4500 Cl- B                  | General Chemistry | NELAP              | 2/8/2002       |
| Chloride                            | SM 4500 Cl- D                  | General Chemistry | NELAP              | 5/23/2012      |
| Conductivity                        | SM 2510 B                      | General Chemistry | NELAP              | 7/29/2005      |
| Escherichia coli                    | SM 9223 B<br>/QUANTI-TRAY      | Microbiology      | NELAP              | 9/18/2015      |
| Fecal coliforms                     | COLILERT®-18 (Fecal Coliforms) | Microbiology      | NELAP              | 9/18/2015      |
| Kjeldahl nitrogen - total           | EPA 351.2                      | General Chemistry | NELAP              | 7/29/2005      |
| Nitrite as N                        | EPA 353.2                      | General Chemistry | NELAP              | 4/12/2010      |
| Phosphorus, total                   | EPA 365.1                      | General Chemistry | NELAP              | 4/12/2010      |
| Residue-filterable (TDS)            | SM 2540 C                      | General Chemistry | NELAP              | 2/8/2002       |
| Residue-nonfilterable (TSS)         | SM 2540 D                      | General Chemistry | NELAP              | 2/8/2002       |
| Sulfate                             | EPA 375.2                      | General Chemistry | NELAP              | 4/18/2006      |
| Total coliforms                     | SM 9223 B<br>/QUANTI-TRAY      | Microbiology      | NELAP              | 9/18/2015      |
| Total hardness as CaCO <sub>3</sub> | SM 2340 C                      | General Chemistry | NELAP              | 11/6/2009      |
| Total nitrate-nitrite               | EPA 353.2                      | General Chemistry | NELAP              | 7/29/2005      |