



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header

List View

General Information | Contact | Default Values | Discount | Document Information

Procurement Folder: 112830	SO Doc Code: CRFQ
Procurement Type: Central Master Agreement	SO Dept: 0313
Vendor ID: <input type="text" value="00000208312"/> 	SO Doc ID: DEP1500000109
Legal Name: BIO-CHEM TESTING INC	Published Date: 6/26/15
Alias/DBA:	Close Date: 7/16/15
Total Bid: \$546,500.00	Close Time: 13:30
Response Date: <input type="text" value="07/16/2015"/> 	Status: Closed
Response Time: <input type="text" value="12:25"/>	Solicitation Description: <input type="text" value="Addendum 01 Open-end to collect and conduct water sample"/>
Total of Header Attachments: 0	
Total of All Attachments: 0	



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**State of West Virginia
 Solicitation Response**

Proc Folder : 112830

Solicitation Description : Addendum 01 Open-end to collect and conduct water sample

Proc Type : Central Master Agreement

Date issued	Solicitation Closes	Solicitation No	Version
	2015-07-16 13:30:00	SR 0313 ESR07151500000000190	1

VENDOR
000000208312 BIO-CHEM TESTING INC

FOR INFORMATION CONTACT THE BUYER
 Beth Collins
 (304) 558-2157
 beth.a.collins@wv.gov

Signature X FEIN # DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Item 1.0 Ph	3000.00000	EA	\$3.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 1.0 Ph

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Item 2.0 Temperature	3000.00000	EA	\$0.50	\$1,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 2.0 Temperature

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Item 3.0 Flow	3000.00000	EA	\$6.50	\$19,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 3.0 Flow

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Item 4.0 Total Hot Acidity	3000.00000	EA	\$7.00	\$21,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 4.0 Total Hot Acidity

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Item 5.0 Mineral Acidity	3000.00000	EA	\$7.00	\$21,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 5.0 Mineral Acidity

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	Item 6.0 Total Alkalinity	3000.00000	EA	\$7.00	\$21,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 6.0 Total Alkalinity

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	Item 7.0 Total Fe	3000.00000	EA	\$5.50	\$16,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 7.0 Total Fe

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	Item 8.0 Dissolved Fe	3000.00000	EA	\$5.50	\$16,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 8.0 Dissolved Fe

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	Item 9.0 Total Mn	3000.00000	EA	\$5.50	\$16,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 9.0 Total Mn

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	Item 10.0 Dissolved Mn	3000.00000	EA	\$5.50	\$16,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 10.0 Dissolved Mn

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
11	Item 11.0 TSS	3000.00000	EA	\$7.50	\$22,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 11.0 TSS

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
12	Item 12.0 TDS	3000.00000	EA	\$8.00	\$24,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 12.0 TDS

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
13	Item 13.0 Specific Conductance	3000.00000	EA	\$4.00	\$12,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 13.0 Specific Conductance

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
14	Item 14.0 Sulfates	3000.00000	EA	\$7.00	\$21,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 14.0 Sulfates

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
15	Item 15.0 Total Al	3000.00000	EA	\$5.50	\$16,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 15.0 Total Al

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
16	Item 16.0 Dissolved Al	3000.00000	EA	\$5.50	\$16,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 16.0 Dissolved Al

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
17	Item 17.0 Total Antimony	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 17.0 Total Antimony

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
18	Item 18.0 Total Arsenic	1000.00000	EA	\$7.00	\$7,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 18.0 Total Arsenic

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
19	Item 19.0 Total Beryllium	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 19.0 Total Beryllium

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
20	Item 20.0 Total Cabmium	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 20.0 Total Cabmium

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
21	Item 21.0 Total Chromium	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 21.0 Total Chromium

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
22	Item 22.0 Total Copper	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 22.0 Total Copper

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
23	Item 23.0 Total Lead	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 23.0 Total Lead

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
24	Item 24.0 Total Mercury	1000.00000	EA	\$27.00	\$27,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 24.0 Total Mercury

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
25	Item 25.0 Total Nickle	1000.00000	EA	\$8.00	\$8,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 25.0 Total Nickle

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
26	Item 26.0 Total Selenium	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 26.0 Total Selenium

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
27	Item 27.0 Total Silver	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 27.0 Total Silver

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
28	Item 28.0 Total Zinc	1000.00000	EA	\$7.00	\$7,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 28.0 Total Zinc

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
29	Item 29.0 Total Thallium	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 29.0 Total Thallium

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
30	Item 30.0 Total Cyanide	1000.00000	EA	\$26.00	\$26,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 30.0 Total Cyanide

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
31	Item 31.0 Total Phenols	1000.00000	EA	\$35.00	\$35,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 31.0 Total Phenols

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
32	Item 32.0 Total Nitrates/Nitrites	1000.00000	EA	\$12.00	\$12,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 32.0 Total Nitrates/Nitrites

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
33	Item 33.0 Total Sodium	1000.00000	EA	\$5.50	\$5,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 33.0 Total Sodium

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
34	Item 34.0 Dissolved Calcium	1000.00000	EA	\$5.50	\$5,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 34.0 Dissolved Calcium

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
35	Item 35.0 Dissolved Magnesium	1000.00000	EA	\$5.50	\$5,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 35.0 Dissolved Magnesium

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
36	Item 36.0 Dissolved Potassium	1000.00000	EA	\$5.50	\$5,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 36.0 Dissolved Potassium

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
37	Item 37.0 Dissolved Bicarbonate	1000.00000	EA	\$5.50	\$5,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 37.0 Dissolved Bicarbonate

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
38	Item 38.0 Dissolved Carbonate	1000.00000	EA	\$9.00	\$9,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 38.0 Dissolved Carbonate

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
39	Item 39.0 Dissolved Phosphate	1000.00000	EA	\$18.00	\$18,000.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 39.0 Dissolved Phosphate

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
40	Item 41.0 Labor per site visit	500.00000	HOUR	\$35.00	\$17,500.00

Comm Code	Manufacturer	Specification	Model #
70171602			

Extended Description : Item 41.0 Labor per site visit



Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Request for Quotation

Proc Folder: 112830

Doc Description: Addendum 01 Open-end to collect and conduct water sample

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2015-06-25	2015-07-16 13:30:00	CRFQ 0313 DEP1500000109	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

Bio-Chem Testing
5 Weatheridge Drive
State Route 34
Hurricane, WV 25526

304-757-8954

FOR INFORMATION CONTACT THE BUYER

Beth Collins
 (304) 558-2157
 beth.a.collins@wv.gov

Signature X

FEIN #

55-0732395

DATE

07-15-2015

All offers subject to all terms and conditions contained in this solicitation

ADDENDUM ACKNOWLEDGEMENT FORM ^{DEP}
SOLICITATION NO.: CRFB 0213 0000109

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.


Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Bio-Chem Testing, Inc.
Company

Authorized Signature
07-15-2015
Date

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: *CRFB 7313 DEP 00000109*

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

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Addendum Numbers Received:
(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Bio-Chem Testing INC.
Company


Authorized Signature

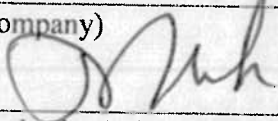
7-15-2015
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Bio-chem Testing, Inc.
(Company)

 President, Mukesh Shah
(Authorized Signature) (Representative Name, Title)

304-757-8954 P 07-15-2015
(Phone Number) (Fax Number) (Date)

304-757-9676 F

RFQ No. CRFB 9313
DEPO0000109

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Bio-chem Testing Inc.

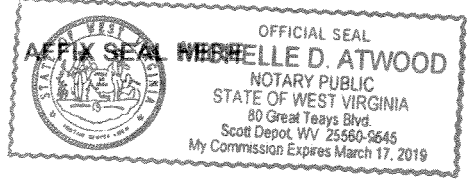
Authorized Signature: [Signature] Date: 7-15-2015

State of WV

County of Putnam, to-wit:

Taken, subscribed, and sworn to before me this 15 day of July, 2015

My Commission expires March 17, 2019.



NOTARY PUBLIC [Signature]
Purchasing Affidavit (Revised 07/01/2012)

Attachment I

WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER AND WASTE MANAGEMENT

List of Certified Parameters
for

BIO-CHEM TESTING, INC.
TEAYS, WEST VIRGINIA

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acidity, Hot	SM2310 B(4a)-97	Titrimetric
Alkalinity	SM2320 B-97	Titrimetric
Ammonia	HACH 8038	Spectrophotometric
Ammonia	SM4500-NH3 B-97	Distillation
Ammonia	SM4500-NH3 C-97	Titrimetric
Bromide	EPA300.0 Rev 2.1-1993	IC
Carbon, Total Organic (TOC)	SM5310 C-00	Oxidation
Chloride	EPA300.0 Rev 2.1-1993	IC
Chloride	SM4500-Cl C-97	Titrimetric
Chlorine, Residual	HACH 8167	Spectrophotometric
Chromium, Hexavalent	SM3500 Cr B-09	Spectrophotometric
Color	SM2120 B-01	Visual Comparison
Conductance, Specific	EPA120.1 Rev 1982	Probe
Cyanide, Total	SM4500-CN C-99	Distillation
Cyanide, Total	SM4500-CN E-99	Spectrophotometric
Cyanide, Weak Acid Dissociable	SM4500-CN E-99	Spectrophotometric
Cyanide, Weak Acid Dissociable	SM4500-CN I-99	Distillation
Fluoride	EPA300.0 Rev 2.1-1993	IC
Hardness, Calcium	SM2340 B-97	Calculation
Hardness, Total	HACH 8226	Titrimetric
Hardness, Total	SM2340 B-97	Calculation
Iron, Ferrous	SM3500-Fe B(4.c)-97	Spectrophotometric
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate	EPA353.2 Rev 2.0-1993	Calculation
Nitrate	Lachat 10-107-04-1-C	Calculation
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	Calculation
Nitrate-Nitrite	EPA353.2 Rev 2.0-1993	Spectrophotometric
Nitrate-Nitrite	Lachat 10-107-04-1-C	Spectrophotometric
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrite	EPA353.2 Rev 2.0-1993	Spectrophotometric
Nitrite	Lachat 10-107-04-1-C	Spectrophotometric
Nitrogen, Total Kjeldahl (TKN)	HACH 8038	Spectrophotometric

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 B-97	Distillation
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 C-97	Titrimetric
Nitrogen, Total Kjeldahl (TKN)	SM4500-Norg C-97	Digestion
Oil & Grease	EPA1664 A	Gravimetric
Oxygen Demand, Biochemical (BOD)	SM5210 B-01	Probe
Oxygen Demand, Carbonaceous Biochemical (CBOD)	SM5210 B-01	Probe
Oxygen Demand, Chemical (COD)	HACH 8000	Spectrophotometric
Oxygen, Dissolved	SM4500-O G-01	Probe
pH (Hydrogen Ion)	SM4500-H B-00	Electrode
Phenolics, Total	EPA420.1 Rev 1978	Spectrophotometric
Phosphorus, Ortho	SM4500-P E-99	Spectrophotometric
Phosphorus, Total	EPA365.1 Rev 2.0-1993	Spectrophotometric
Phosphorus, Total	Lachat 10-115-01-1-F	Spectrophotometric
Phosphorus, Total	SM4500-P B(5)-99	Digestion
Phosphorus, Total	SM4500-P E-99	Spectrophotometric
Solids, Dissolved	SM2540 C-97	Gravimetric
Solids, Settleable	SM2540 F-97	Imhoff
Solids, Suspended	SM2540 D-97	Gravimetric
Solids, Total	SM2540 B-97	Gravimetric
Solids, Volatile	EPA160.4	Gravimetric
Sulfate	EPA300.0 Rev 2.1-1993	IC
Temperature	SM2550 B-00	Thermometric
Turbidity	EPA180.1 Rev 2.0-1993	Turbidimetric

NONPOTABLE WATER TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	EPA200.7 Rev 4.4-1994	ICP
Aluminum	EPA200.8 Rev 5.4-1994	ICP-MS
Aluminum	SW6010B	ICP
Aluminum	SW6020	ICP-MS
Antimony	EPA200.7 Rev 4.4-1994	ICP
Antimony	EPA200.8 Rev 5.4-1994	ICP-MS
Antimony	SM3113 B-04	GFAA
Antimony	SW6010B	ICP
Antimony	SW6020	ICP-MS
Arsenic	EPA200.7 Rev 4.4-1994	ICP
Arsenic	EPA200.8 Rev 5.4-1994	ICP-MS
Arsenic	SM3113 B-04	GFAA
Arsenic	SW6010B	ICP
Arsenic	SW6020	ICP-MS
Barium	EPA200.7 Rev 4.4-1994	ICP
Barium	EPA200.8 Rev 5.4-1994	ICP-MS
Barium	SW6010B	ICP
Barium	SW6020	ICP-MS
Beryllium	EPA200.7 Rev 4.4-1994	ICP
Beryllium	EPA200.8 Rev 5.4-1994	ICP-MS
Beryllium	SW6010B	ICP

METALMETHODTECHNOLOGY

Beryllium	SW6020	ICP-MS
Boron	EPA200.7 Rev 4.4-1994	ICP
Boron	SW6010B	ICP
Cadmium	EPA200.7 Rev 4.4-1994	ICP
Cadmium	EPA200.8 Rev 5.4-1994	ICP-MS
Cadmium	SM3113 B-04	GFAA
Cadmium	SW6010B	ICP
Cadmium	SW6020	ICP-MS
Calcium	EPA200.7 Rev 4.4-1994	ICP
Calcium	SW6010B	ICP
Chromium	EPA200.7 Rev 4.4-1994	ICP
Chromium	EPA200.8 Rev 5.4-1994	ICP-MS
Chromium	SW6010B	ICP
Chromium	SW6020	ICP-MS
Cobalt	EPA200.7 Rev 4.4-1994	ICP
Cobalt	EPA200.8 Rev 5.4-1994	ICP-MS
Cobalt	SW6010B	ICP
Cobalt	SW6020	ICP-MS
Copper	EPA200.7 Rev 4.4-1994	ICP
Copper	EPA200.8 Rev 5.4-1994	ICP-MS
Copper	SM3113 B-04	GFAA
Copper	SW6010B	ICP
Copper	SW6020	ICP-MS
Iron	EPA200.7 Rev 4.4-1994	ICP
Iron	SW6010B	ICP
Lead	EPA200.7 Rev 4.4-1994	ICP
Lead	EPA200.8 Rev 5.4-1994	ICP-MS
Lead	SM3113 B-04	GFAA
Lead	SW6010B	ICP
Lead	SW6020	ICP-MS
Magnesium	EPA200.7 Rev 4.4-1994	ICP
Magnesium	SW6010B	ICP
Manganese	EPA200.7 Rev 4.4-1994	ICP
Manganese	EPA200.8 Rev 5.4-1994	ICP-MS
Manganese	SW6010B	ICP
Manganese	SW6020	ICP-MS
Mercury	EPA245.1 Rev 3.0-1994	CVAA
Mercury	SW7470A	CVAA
Metals, Total	SM3030 E-97	Digestion
Metals, Total	SM3030 F-97	Digestion
Molybdenum	EPA200.7 Rev 4.4-1994	ICP
Molybdenum	EPA200.8 Rev 5.4-1994	ICP-MS
Molybdenum	SW6010B	ICP
Molybdenum	SW6020	ICP-MS
Nickel	EPA200.7 Rev 4.4-1994	ICP
Nickel	EPA200.8 Rev 5.4-1994	ICP-MS
Nickel	SW6010B	ICP
Nickel	SW6020	ICP-MS
Potassium	EPA200.7 Rev 4.4-1994	ICP
Potassium	SW6010B	ICP

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Selenium	EPA200.7 Rev 4.4-1994	ICP
Selenium	EPA200.8 Rev 5.4-1994	ICP-MS
Selenium	SM3113 B-04	GFAA
Selenium	SM3114 C-97 (Modified)	HGAF
Selenium	SW6010B	ICP
Selenium	SW6020	ICP-MS
Silica	EPA200.7 Rev 4.4-1994	Calculation
Silica	SW6010B	Calculation
Silicon	EPA200.7 Rev 4.4-1994	ICP
Silicon	SW6010B	ICP
Silver	EPA200.7 Rev 4.4-1994	ICP
Silver	EPA200.8 Rev 5.4-1994	ICP-MS
Silver	SM3113 B-04	GFAA
Silver	SW6010B	ICP
Silver	SW6020	ICP-MS
Sodium	EPA200.7 Rev 4.4-1994	ICP
Sodium	SW6010B	ICP
Strontium	EPA200.7 Rev 4.4-1994	ICP
Strontium	SW6010B	ICP
Thallium	EPA200.7 Rev 4.4-1994	ICP
Thallium	EPA200.8 Rev 5.4-1994	ICP-MS
Thallium	EPA279.2 (1978)	GFAA
Thallium	SW6010B	ICP
Thallium	SW6020	ICP-MS
Tin	EPA200.7 Rev 4.4-1994	ICP
Tin	SW6010B	ICP
Titanium	EPA200.7 Rev 4.4-1994	ICP
Titanium	SW6010B	ICP
Vanadium	EPA200.7 Rev 4.4-1994	ICP
Vanadium	EPA200.8 Rev 5.4-1994	ICP-MS
Vanadium	SW6010B	ICP
Vanadium	SW6020	ICP-MS
Zinc	EPA200.7 Rev 4.4-1994	ICP
Zinc	EPA200.8 Rev 5.4-1994	ICP-MS
Zinc	SW6010B	ICP
Zinc	SW6020	ICP-MS

NONPOTABLE WATER MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MF)	SM9222 D-97	Membrane Filter
Coliform, Fecal (MPN)	SM9221 E-06	Multiple Tube
Coliform, Total (MF)	SM9222 B-97	Membrane Filter
E. Coli (MF)	HACH 10029	Membrane Filter
Streptococci, Fecal (MF)	SM9230 C-07	Membrane Filter

HAZARDOUS WASTE CHARACTERISTICS

<u>PROCEDURE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Corrosivity	SW9040C	Electrode
Paint Filter Test	SW9095B	Gravimetric
SPLP- Metals	SW1312	Extraction
TCLP- Metals	SW1311	Extraction

SOLID AND CHEMICAL INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Ammonia	HACH 8038	Spectrophotometric
Ammonia	SM4500-NH3 B-97	Distillation
Ammonia	SM4500-NH3 C-97	Titrimetric
Chloride	EPA300.0 Rev 2.1-1993	IC
Chloride	SM4500-Cl C-97	Titrimetric
Cyanide, Total	SM4500-CN C-99	Distillation
Cyanide, Total	SM4500-CN E-99	Spectrophotometric
Fluoride	EPA300.0 Rev 2.1-1993	IC
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate	EPA353.2 Rev 2.0-1993	Calculation
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrate-Nitrite	EPA353.2 Rev 2.0-1993	Spectrophotometric
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrite	EPA353.2 Rev 2.0-1993	Spectrophotometric
Nitrogen, Total Kjeldahl (TKN)	HACH 8038	Spectrophotometric
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 B-97	Distillation
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 C-97	Titrimetric
Nitrogen, Total Kjeldahl (TKN)	SM4500-Norg C-97	Digestion
pH (Hydrogen Ion)	SW9045C	Electrode
Phosphorus, Total	EPA365.1 Rev 2.0-1993	Spectrophotometric
Phosphorus, Total	SM4500-P B(5)-99	Digestion
Phosphorus, Total	SM4500-P E-99	Spectrophotometric
Solids, Total, Fixed, & Volatile	SM2540 G-97	Gravimetric
Solids, Volatile	EPA160.4	Gravimetric
Sulfate	EPA300.0 Rev 2.1-1993	IC

SOLID AND CHEMICAL TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	SW6010B	ICP
Antimony	SW6010B	ICP
Antimony	SW7010	GFAA
Arsenic	SW6010B	ICP
Arsenic	SW7010	GFAA
Barium	SW6010B	ICP
Beryllium	SW6010B	ICP
Boron	SW6010B	ICP
Cadmium	SW6010B	ICP
Cadmium	SW7010	GFAA

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Calcium	SW6010B	ICP
Chromium	SW6010B	ICP
Cobalt	SW6010B	ICP
Copper	SW6010B	ICP
Copper	SW7010	GFAA
Iron	SW6010B	ICP
Lead	SW6010B	ICP
Lead	SW7010	GFAA
Magnesium	SW6010B	ICP
Manganese	SW6010B	ICP
Mercury	SW7470A	CVAA
Mercury	SW7471A	CVAA
Metals, Total	SW3050B	Digestion
Molybdenum	SW6010B	ICP
Nickel	SW6010B	ICP
Phosphorus	SW6010B	ICP
Potassium	SW6010B	ICP
Selenium	SW6010B	ICP
Selenium	SW7010	GFAA
Silicon	SW6010B	ICP
Silver	SW6010B	ICP
Silver	SW7010	GFAA
Sodium	SW6010B	ICP
Strontium	SW6010B	ICP
Thallium	SW6010B	ICP
Thallium	SW7010	GFAA
Tin	SW6010B	ICP
Titanium	SW6010B	ICP
Vanadium	SW6010B	ICP
Zinc	SW6010B	ICP


SOLID AND CHEMICAL MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MPN)	EPA-821-R-10-003 (2010)	Multiple Tube
Coliform, Fecal (MPN)	SM9221 E-06	Multiple Tube

This laboratory may test **ONLY** for those environmental parameters listed above for compliance reporting purposes. All testing must be by the test method cited in the current application for certification.

This Certification Expires July 31, 2016.

Certificate No 220

 Issued on June 16, 2015

Tommy W. Smith II
Quality Assurance Officer

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with West Virginia Code, §5A-3-37. (Does not apply to construction contracts). West Virginia Code, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the West Virginia Code. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1. Application is made for 2.5% vendor preference for the reason checked:

____ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,

Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,

____ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,

2. Application is made for 2.5% vendor preference for the reason checked:

Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

3. Application is made for 2.5% vendor preference for the reason checked:

____ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

4. Application is made for 5% vendor preference for the reason checked:

Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,

5. Application is made for 3.5% vendor preference who is a veteran for the reason checked:

____ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,

6. Application is made for 3.5% vendor preference who is a veteran for the reason checked:

____ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

7. Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules.

____ Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Bio-chem Testing, Inc.

Signed: [Signature]

Date: 2-15-2015

Title: President