



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

State of West Virginia
 Request for Quotation

Proc Folder: 132914

Doc Description: Inorganic Analysis of Water and Soil Open End

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2015-08-19	2015-10-01 13:30:00	CRFQ 0313 DEP1600000011	1

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:

Reliance Laboratories, Inc.
 P.O. Box 4657
 Bridgeport, WV 26330
 304-842-5285

11/10/15 09:30:27
 WV Purchasing Division

FOR INFORMATION CONTACT THE BUYER

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

Signature X

FEIN #

55-0580040

DATE

11/9/2015

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

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV25304 US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV 25304 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Analysis of Soil and Water Samples	1.00000	LS		

Comm Code	Manufacturer	Specification	Model #
81102600			

Extended Description :

Analysis of Soil and Water Samples as outlined on the attached bid sheet.
Do not enter prices on commodity line.

DEP1600000011	Document Phase Final	Document Description Inorganic Analysis of Water and Soil Open End	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

INORGANIC ANALYSIS OF WATER AND SOIL

Liquid Samples & Solids

Item #	Est. Quantity	Description	Method #	Method Detection Limit*	Practical Quantitation Limit	Unit Price	Amount
1	4000	pH	SM4500H+B	N/A	N/A	\$4.00	\$16000.00
1A	10	pH (Solid)	9045D	N/A	N/A	\$4.00	\$40.00
2	4000	Hot Acidity	SM2310B	1.07 mg/l	2 mg/l	\$4.00	\$16000.00
2A	1000	Hot Acidity Alt. Method				\$	\$
3	4000	Alkalinity	SM2320B	1.55 mg/l	2 mg/l	\$6.00	\$24000.00
3A	1000	Alkalinity Alt. Method				\$	\$
4	500	Hardness	SM2340B	0.11 mg/l	1 mg/l	\$6.00	\$3000.00
4A	100	Hardness Alt. Method	SM2340C	0.31 mg/l	1 mg/l	\$6.00	\$600.00
4B	10	Hardness (Solid)				\$	\$
5	1000	Specific Conductance	EPA 120.1	1 us/cm	1 us/cm	\$5.00	\$5000.00
5A	500	Specific Conductance Alt. Method				\$	\$
6	4000	Sulfate	D516-02	0.75 mg/l	1.0 mg/l	\$9.00	\$36000.00
6A	1000	Sulfate Alt. Method	EPA 300.0	0.12 mg/l	0.50 mg/l	\$9.00	\$9000.00
6B	10	Sulfate (Solid)	EPA 300.0	12 mg/kg	12 mg/kg	\$10.00	\$100.00
7	20	Sulfide	SM4500SF	1 mg/l	1 mg/l	\$12.00	\$240.00
7A	10	Sulfide Alt. Method				\$	\$
8	20	Turbidity	SM2130B	0.15 NTU	1 NTU	\$5.00	\$100.00
8A	10	Turbidity Alt. Method				\$	\$
9	25	Bromide	EPA 300.0	0.13 mg/l	0.50 mg/l	\$9.00	\$225.00
9A	10	Bromide Alt. Method				\$	\$
9B	10	Bromide (Solid)	EPA 300.0	13 mg/kg	13 mg/kg	\$9.00	\$90.00
10	3000	Chloride	SM4500CIB	2.52 mg/l	2.52 mg/l	\$9.00	\$27000.00
10A	100	Chloride Alt. Method	EPA 300.0	0.15 mg/l	0.50 mg/l	\$9.00	\$900.00
10B	10	Chloride (Solid)	EPA 300.0	10 mg/kg	10 mg/kg	\$9.00	\$90.00
11	25	Fluoride	EPA 300.0	0.08 mg/l	0.50 mg/l	\$9.00	\$225.00
11A	10	Fluoride Alt. Method				\$	\$
11B	10	Fluoride (Solid)	EPA 300.0	8 mg/kg	8 mg/kg	\$9.00	\$90.00
12	4000	Fecal Coliform (MF)	SM9222D	1 C/100ml	1 C/100ml	\$20.00	\$80000.00
12A	1000	Fecal Coliform (MF) Alt. Method				\$	\$
13	100	Fecal Coliform (MPN)				\$	\$
13A	50	Fecal Coliform (MPN) Alt. Method				\$	\$
14	20	Total Coliform	SM9223B	1 C/100ml	1 C/100ml	\$25.00	\$500.00
15	25	Total Solids	SM2540B	5.7 mg/l	5.7 mg/l	\$10.00	\$250.00
15A	10	Total Solids Alt. Method				\$	\$
15B	10	Total Solids (Solid)	SM2540B	10 mg/kg	10 mg/kg	\$10.00	\$100.00
16	3000	Dissolved Solids (TDS)	SM2540C	10 mg/l	10 mg/l	\$8.00	\$24000.00
16A	1000	Dissolved Solids (TDS) Alt. Method				\$	\$
17	4000	Suspended Solids (TSS)	SM2540D	4 mg/l	4 mg/l	\$ 8.00	\$ 32000.00

Item #	Est. Quantity	Description	Method #	Method Detection Limit*	Practical Quantitation Limit	Unit Price	Amount
17A	1000	Suspended Solids (TSS) Alt. Method				\$	\$
18	25	Settleable Solids	SM2540F	0.5 ml/l	0.5 ml/l	\$10.00	\$250.00
18A	10	Settleable Solids Alt.				\$	\$
19	25	Volatile Solids	EPA 160.4	1 mg/l	1 mg/l	\$10.00	\$250.00
19A	10	Volatile Solids Alt. Method				\$	\$
19B	10	Volatile Solids (Solid)	EPA 160.4	1 mg/kg	1 mg/kg	\$10.00	\$100.00
20	25	Percent Solids	SM2540G	1%	1%	\$10.00	\$250.00
20A	10	Percent Solids Alt. Method				\$	\$
20B	10	Percent Solids (Solid)	SM2540G	1%	1%	\$10.00	\$100.00
21	400	Kjeldahl Nitrogen	SM4500NB	0.17 mg/l	0.17 mg/l	\$18.00	\$7200.00
21A	100	Kjeldahl Nitrogen Alt. Method				\$	\$
21B	10	Kjeldahl Nitrogen (Solid)	SM4500NB	2 mg/kg	2 mg/kg	\$18.00	\$180.00
21C	10	Kjeldahl Nitrogen Alt. Method (Solid)				\$	\$
22	50	Ammonia Nitrogen	D6919-03	0.14 mg/l	0.50 mg/l	\$15.00	\$750.00
22A	10	Ammonia Nitrogen Alt. Method	SM4500NH3C	0.17 mg/l	0.17 mg/l	\$15.00	\$150.00
22B	10	Ammonia Nitrogen (Solid)	SM4500NH3C	2 mg/kg	2 mg/kg	\$15.00	\$150.00
22C	10	Ammonia Nitrogen Alt. Method (Solid)				\$	\$
23	50	Organic Nitrogen	SM4500NB	0.17 mg/l	0.17 mg/l	\$18.00	\$900.00
23A	10	Organic Nitrogen Alt.				\$	\$
24	50	Nitrate-Nitrogen	EPA 300.0	0.054 mg/l	0.50 mg/l	\$9.00	\$450.00
24A	10	Nitrate-Nitrogen Alt.				\$	\$
25	50	Nitrite-Nitrogen	EPA 300.0	0.021 mg/l	0.50 mg/l	\$9.00	\$450.00
25A	10	Nitrite-Nitrogen Alt. Method				\$	\$
25B	10	Nitrite-Nitrogen (Solid)	EPA 300.0	2 mg/kg	2 mg/kg	\$9.00	\$90.00
25C	10	Nitrite-Nitrogen Alt. Method (Solid)				\$	\$
26	400	Nitrite-Nitrate	EPA 300.0	0.075 mg/l	0.50 mg/l	\$18.00	\$7200.00
26A	100	Nitrite-Nitrate Alt. Method				\$	\$
26B	10	Nitrite-Nitrate (Solid)	EPA 300.0	2 mg/kg	2 mg/kg	\$18.00	\$180.00
26C	10	Nitrite-Nitrate Alt. Method (Solid)				\$	\$
27	400	Total Phosphorus	SM4500PE	0.02 mg/l	0.50 mg/l	\$10.00	\$4000.00
27A	100	Total Phosphorus Alt.	HACH 10210	0.02 mg/l	0.50 mg/l	\$10.00	\$1000.00
27B	10	Total Phosphorus (Solid)	SM4500PE	1 mg/kg	1 mg/kg	\$12.00	\$120.00
27C	10	Total Phosphorus Alt. Method (Solid)				\$	\$
28	50	Orthophosphate	EPA 300.0	0.10 mg/l	0.50 mg/l	\$9.00	\$450.00
28A	10	Orthophosphate Alt. Method	SM4500PE	0.02 mg/l	0.50 mg/l	\$10.00	\$100.00
29	50	Total Phosphate	SM4500PE	0.02 mg/l	0.50 mg/l	\$10.00	\$500.00
29A	10	Total Phosphate Alt. Method	HACH 10210	0.02 mg/l	0.50 mg/l	\$10.00	\$100.00
29B	10	Total Phosphate (Solid)	SM4500PE	1 mg/kg	1 mg/kg	\$12.00	\$120.00
29C	10	Total Phosphate Alt. Method (Solid)				\$	\$
30	25	BOD	SM5210B	2.12 mg/l	2.12 mg/l	\$15.00	\$375.00
30A	10	BOD Alt. Method				\$	\$
31	25	BOD-carbonaceous				\$	\$
31A	10	BOD-carbonaceous Alt. Method				\$	\$
32	25	COD	EPA 410.4	2.94 mg/l	5 mg/l	\$15.00	\$375.00

Item #	Est. Quantity	Description	Method #	Method Detection Limit*	Practical Quantitation Limit	Unit Price	Amount
32A	10	COD Alt. Method				\$	\$
33	25	TOC	SM5310C	0.10 mg/l	0.20 mg/l	\$20.00	\$500.00
33A	10	TOC Alt. Method				\$	\$
34	25	MBAS	SM5540C	0.05 mg/l	0.20 mg/l	\$15.00	\$375.00
34A	10	MBAS Alt. Method				\$	\$
35	25	Phenolics	EPA 420.1	0.002 mg/l	0.20 mg/l	\$20.00	\$500.00
35A	10	Phenolics Alt. Method				\$	\$
35B	10	Phenolics (Solid)	EPA 420.1	0.20 mg/kg	1 mg/kg	\$20.00	\$200.00
36	25	Total Cyanide	SM4500CNE	0.01 mg/l	0.10 mg/l	\$15.00	\$375.00
36A	10	Total Cyanide Alt. Method	SM4500CNI	0.01 mg/l	0.10 mg/l	\$15.00	\$150.00
36B	10	Total Cyanide (Solid)	SW9014	0.50 mg/kg	0.50 mg/kg	\$18.00	\$180.00
37	200	Hexavalent Chromium	SM3500CrB	0.003 mg/l	0.01 mg/l	\$12.00	\$2400.00
37A	10	Hexavalent Chromium Alt. Method	EPA 218.6	0.0004 mg/l	0.001 mg/l	\$40.00	\$400.00
37B	10	Hexavalent Chromium	SW3060A	0.08 mg/kg	0.08 mg/kg	\$20.00	\$200.00
38	25	Oil-Grease	EPA 1664A	3.24 mg/l	5 mg/l	\$30.00	\$750.00
38A	10	Oil-Grease Alt. Method				\$	\$
38B	10	Oil-Grease (Solid)	EPA 1664A	10 mg/kg	10 mg/kg	\$30.00	\$300.00
39	100	Chlorophyll A				\$	\$
39A	20	Chlorophyll A Alt. Method				\$	\$
40	25	Color (APHA)	SM2120B	1 unit	1 unit	\$5.00	\$125.00
40A	10	Color (APHA) Alt. Method				\$	\$
41	25	Color (ADMI)				\$	\$
41A	10	Color Alt. Method				\$	\$
42	25	Cyanide, Amenable	SM4500CN	0.01 mg/l	0.10 mg/l	\$15.00	\$375.00
42A	10	Cyanide, Amenable Alt. Method				\$	\$
43	25	Cyanide, Free (ASTM)	SM4500CNI	0.01 mg/l	0.10 mg/l	\$15.00	\$375.00
43A	10	Cyanide, Free Alt. Method				\$	\$
44	25	Mineral Acidity	SM2310B	1.07 mg/l	2 mg/l	\$4.00	\$100.00
44A	10	Mineral Acidity Alt. Method				\$	\$
45	25	Total Acidity	SM2310B	1.07 mg/l	2 mg/l	\$4.00	\$100.00
45A	10	Total Acidity Alt. Method				\$	\$
46	25	Tot Petroleum Hydrocarbons GRO/DRO (8015)	8015	0.6 mg/l	1 mg/l	\$60.00	\$1500.00
46A	10	Tot Petroleum Hydrocarbons GRO/DRO (8015) Alt. Method				\$	\$
46B	10	Tot Petroleum Hydrocarbons GRO/DRO (8015) (Solid)	8015	10 mg/kg	10 mg/kg	\$60.00	\$600.00
47	25	Fecal Streptococci				\$	\$
47A	10	Fecal Streptococci Alt. Method				\$	\$
47B	10	Fecal Streptococci (Solid)				\$	\$
48	25	Escherichia Coli (Numeric Result)	SM9223B	1 C/100ml	1 C/100ml	\$25.00	\$625.00
48A	10	E. Coli (Numeric Result) Alt. Method				\$	\$
49	100	Enterococci				\$	\$
50	20	Iron Bacteria	BART	N/A	N/A	\$20.00	\$400.00
51	20	Sulfate Reducing Bacteria	BART	N/A	N/A	\$20.00	\$400.00
52	25	Bicarbonate (Standard Methods)	SM2320B	1.55 mg/l	2 mg/l	\$6.00	\$150.00
52A	10	Bicarbonate Alt. Method				\$	\$

Item #	Est. Quantity	Description	Method #	Method Detection Limit*	Practical Quantitation Limit	Unit Price	Amount
53	25	Ferrous Iron (Standard Methods)	SM4500Fe	0.03 mg/l	0.50 mg/l	\$ 10.00	\$ 250.00
53A	10	Ferrous Iron Alt. Method				\$	\$
54	25	Dissolved Organic Carbon	SM5310C	0.10 mg/l	0.20 mg/l	\$ 20.00	\$ 500.00
54A	10	Dissolved Organic Carbon Alt. Method				\$	\$
55	4000	Aluminum	EPA 200.7	0.009 mg/l	0.50 mg/l	\$ 8.00	\$ 32000.00
55A	100	Aluminum - Alt. method	EPA 200.8	0.008 mg/l	0.01 mg/l	\$ 8.00	\$ 800.00
55B	10	Aluminum (Solid)	6010C	0.23 mg/kg	N/A	\$ 10.00	\$ 100.00
56	20	Antimony	EPA 200.7	0.015 mg/l	0.50 mg/l	\$ 8.00	\$ 160.00
56A	10	Antimony Alt. Method	EPA 200.8	0.0008 mg/l	0.001 mg/l	\$ 8.00	\$ 80.00
56B	10	Antimony (Solid)	6010C	0.38 mg/kg	N/A	\$ 10.00	\$ 100.00
57	20	Arsenic	EPA 200.7	0.007 mg/l	0.50 mg/l	\$ 8.00	\$ 160.00
57A	10	Arsenic Alt. Method	EPA 200.8	0.001 mg/l	0.01 mg/l	\$ 8.00	\$ 80.00
57B	10	Arsenic (Solid)	6010C	0.18 mg/kg	N/A	\$ 10.00	\$ 100.00
58	20	Barium	EPA 200.7	0.003 mg/l	0.50 mg/l	\$ 8.00	\$ 160.00
58A	10	Barium Alt. Method	EPA 200.8	0.0015 mg/l	0.01 mg/l	\$ 8.00	\$ 80.00
58B	10	Barium (Solid)	6010C	0.075 mg/kg	N/A	\$ 10.00	\$ 100.00
59	20	Beryllium	EPA 200.7	0.003 mg/l	0.50 mg/l	\$ 8.00	\$ 160.00
59A	10	Beryllium Alt. Method	EPA 200.8	0.0005 mg/l	0.001 mg/l	\$ 8.00	\$ 80.00
59B	10	Beryllium (Solid)	6040C	0.075 mg/kg	N/A	\$ 10.00	\$ 100.00
60	20	Boron	EPA 200.7	0.024 mg/l	0.50 mg/l	\$ 8.00	\$ 160.00
60A	10	Boron Alt. Method	EPA 200.8	0.005 mg/l	0.01 mg/l	\$ 8.00	\$ 80.00
60B	10	Boron (Solid)	6010C	0.60 mg/kg	N/A	\$ 10.00	\$ 100.00
61	200	Cadmium	EPA 200.7	0.002 mg/l	0.50 mg/l	\$ 8.00	\$ 1600.00
61A	20	Cadmium Alt. Method	EPA 200.8	0.0002 mg/l	0.001 mg/l	\$ 8.00	\$ 160.00
61B	10	Cadmium (Solid)	6010C	0.05 mg/kg	N/A	\$ 10.00	\$ 100.00
62	500	Calcium	EPA 200.7	0.078 mg/l	0.50 mg/l	\$ 8.00	\$ 4000.00
62A	20	Calcium Alt. Method	EPA 200.8	0.01 mg/l	0.10 mg/l	\$ 8.00	\$ 160.00
62B	10	Calcium (Solid)	6010C	1.95 mg/kg	N/A	\$ 10.00	\$ 100.00
63	20	Chromium	EPA 200.7	0.006 mg/l	0.50 mg/l	\$ 8.00	\$ 160.00
63A	10	Chromium Alt. Method	EPA 200.8	0.001 mg/l	0.01 mg/l	\$ 8.00	\$ 80.00
63B	10	Chromium (Solid)	6040C	0.15 mg/kg	N/A	\$ 10.00	\$ 100.00
64	20	Cobalt	EPA 200.7	0.007 mg/l	0.50 mg/l	\$ 8.00	\$ 160.00
64A	10	Cobalt Alt. Method	EPA 200.8	0.002 mg/l	0.01 mg/l	\$ 8.00	\$ 80.00
64B	10	Cobalt (Solid)	6010C	0.18 mg/kg	N/A	\$ 10.00	\$ 100.00
65	200	Copper	EPA 200.7	0.005 mg/l	0.50 mg/l	\$ 8.00	\$ 1600.00
65A	20	Copper Alt. Method	EPA 200.8	0.001 mg/l	0.01 mg/l	\$ 8.00	\$ 160.00
65B	10	Copper (Solid)	6010C	0.13 mg/kg	N/A	\$ 10.00	\$ 100.00
66	3000	Iron	EPA 200.7	0.004 mg/l	0.50 mg/l	\$ 8.00	\$ 24000.00
66A	100	Iron Alt. Method	EPA 200.8	0.004 mg/l	0.10 mg/l	\$ 8.00	\$ 800.00
66B	10	Iron (Solid)	6010C	0.10 mg/kg	N/A	\$ 10.00	\$ 100.00
67	200	Lead	EPA 200.7	0.005 mg/l	0.50 mg/l	\$ 8.00	\$ 1600.00
67A	10	Lead Alt. Method	EPA 200.8	0.0005 mg/l	0.001 mg/l	\$ 8.00	\$ 80.00
67B	10	Lead (Solid)	6010C	0.13 mg/kg	N/A	\$ 10.00	\$ 100.00
68	500	Magnesium	EPA 200.7	0.03 mg/l	0.50 mg/l	\$ 8.00	\$ 4000.00
68A	20	Magnesium Alt. Method	EPA 200.8	0.01 mg/l	0.10 mg/l	\$ 8.00	\$ 160.00
68B	10	Magnesium (Solid)	6010C	0.75 mg/kg	N/A	\$ 10.00	\$ 100.00
69	3000	Manganese	EPA 200.7	0.007 mg/l	0.50 mg/l	\$ 8.00	\$ 24000.00
69A	100	Manganese Alt. Method	EPA 200.8	0.002 mg/l	0.01 mg/l	\$ 8.00	\$ 800.00
69B	10	Manganese (Solid)	6010C	0.18 mg/kg	N/A	\$ 10.00	\$ 100.00
70	200	Mercury	EPA 245.1	0.1 ug/l	1 ug/l	\$ 10.00	\$ 2000.00
70A	200	Mercury / Method 1631E	1631E	0.15 ug/l	1 ug/l	\$ 40.00	\$ 8000.00
70B	10	Mercury (Solid)	7471	0.005 mg/kg	N/A	\$ 10.00	\$ 100.00

Item #	Est. Quantity	Description	Method #	Method Detection Limit*	Practical Quantitation Limit	Unit Price	Amount
71	20	Molybdenum	EPA 200.7	0.01 mg/l	0.50 mg/l	\$8.00	\$160.00
71A	10	Molybdenum Alt. Method	EPA 200.8	0.002 mg/l	0.01 mg/l	\$8.00	\$80.00
71B	10	Molybdenum (Solid)	6010C	0.25 mg/kg	N/A	\$10.00	\$100.00
72	200	Nickel	EPA 200.7	0.006 mg/l	0.50 mg/l	\$8.00	\$1600.00
72A	20	Nickel Alt. Method	EPA 200.8	0.001 mg/l	0.01 mg/l	\$8.00	\$160.00
72B	10	Nickel (Solid)	6010C	0.15 mg/kg	N/A	\$10.00	\$100.00
73	500	Potassium	EPA 200.7	0.06 mg/l	0.50 mg/l	\$8.00	\$4000.00
73A	20	Potassium Alt. Method	EPA 200.8	0.01 mg/l	0.10 mg/l	\$8.00	\$160.00
73B	10	Potassium (Solid)	6010C	1.50 mg/kg	N/A	\$10.00	\$100.00
74	500	Selenium	EPA 200.7	0.004 mg/l	0.50 mg/l	\$8.00	\$4000.00
74A	20	Selenium Alt. Method	EPA 200.8	0.001 mg/l	0.01 mg/l	\$8.00	\$160.00
74B	10	Selenium (Solid)	6010C	0.10 mg/kg	N/A	\$10.00	\$100.00
75	200	Silver	EPA 200.7	0.002 mg/l	0.50 mg/l	\$8.00	\$1600.00
75A	20	Silver Alt. Method	EPA 200.8	0.002 mg/l	0.01 mg/l	\$8.00	\$160.00
75B	10	Silver (Solid)	6010C	0.05 mg/kg	N/A	\$10.00	\$100.00
76	500	Sodium	EPA 200.7	0.01 mg/l	0.50 mg/l	\$8.00	\$4000.00
76A	20	Sodium Alt. Method	EPA 200.8	0.01 mg/l	0.10 mg/l	\$8.00	\$160.00
76B	10	Sodium (Solid)	6010C	0.25 mg/kg	N/A	\$10.00	\$100.00
77	200	Strontium	EPA 200.7	0.01 mg/l	0.50 mg/l	\$8.00	\$1600.00
77A	20	Strontium Alt. Method	EPA 200.8	0.01 mg/l	0.10 mg/l	\$8.00	\$160.00
78	20	Thallium	EPA 200.7	0.01 mg/l	0.50 mg/l	\$8.00	\$160.00
75A	10	Thallium Alt. Method	EPA 200.8	0.0005 mg/l	0.001 mg/l	\$8.00	\$80.00
75B	10	Thallium (Solid)	6010C	0.25 mg/kg	N/A	\$10.00	\$100.00
79	20	Tin	EPA 200.7	0.008 mg/l	0.50 mg/l	\$8.00	\$160.00
79A	10	Tin Alt. Method	EPA 200.8	0.01 mg/l	0.10 mg/l	\$8.00	\$80.00
79B	10	Tin (Solid)	6010C	2.0 mg/kg	N/A	\$10.00	\$100.00
80	20	Vanadium	EPA 200.7	0.008 mg/l	0.50 mg/l	\$8.00	\$160.00
80A	10	Vanadium Alt. Method	EPA 200.8	0.002 mg/l	0.01 mg/l	\$8.00	\$80.00
80B	10	Vanadium (Solid)	6010C	0.20 mg/kg	N/A	\$10.00	\$100.00
81	200	Zinc	EPA 200.7	0.002 mg/l	0.50 mg/l	\$8.00	\$1600.00
81A	20	Zinc Alt. Method	EPA 200.8	0.001 mg/l	0.01 mg/l	\$8.00	\$160.00
81B	10	Zinc (Solid)	6010C	0.05 mg/kg	N/A	\$10.00	\$100.00
82	200	Metals Prep Cost	EPA 200.7			\$15.00	\$3000.00
82A	10	Metals Prep Cost (Solid)	3050B			\$15.00	\$150.00
83	20	Gross Alpha				\$	\$
83A	10	Gross Alpha (Solid)				\$	\$
84	20	Gross Beta				\$	\$
84A	10	Gross Beta (Solid)				\$	\$
85	20	Ra-226				\$	\$
85A	10	Ra-226 (Solid)				\$	\$
86	20	Ra-228				\$	\$
86A	10	Ra-228 (Solid)				\$	\$
87	20	Total Uranium				\$	\$
87A	10	Total Uranium (Solid)				\$	\$
88	20	Sr-89				\$	\$
88A	10	Sr-89 (Solid)				\$	\$
89	20	Sr-90				\$	\$
89A	10	Sr-90 (Solid)				\$	\$
90	20	Tritium (H3)				\$	\$
90A	10	Tritium (H3) (Solid)				\$	\$
91	20	Gamma (Cs-137)				\$	\$
91A	10	Gamma (Cs-137) (Solid)				\$	\$
92	20	Radon				\$	\$
92A	10	Radon (Solid)				\$	\$

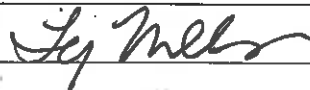
Toxicity Testing - Freshwater Organisms					
Item #	Est. Quantity	Description	Method #	Unit Price	Amount
Acute:					
93	25	Ceriodaphnia		\$	\$
94	10	Daphnia Pulex / D. magna		\$	\$
95	25	Pimephales promelas		\$	\$
Chronic:					
96	25	Ceroidaphnia		\$	\$
97	25	Pimephales promelas (Survival & Growth)		\$	\$

Collection of samples - costs associated with sample pickup from the following locations:					
98	24	Bridgeport Office, 101 Cambridge Place, Bridgeport, WV 26330		\$0	\$0
99	24	Charleston Office, 601 57th Street S.E., Charleston, WV 25304		\$100.00	\$2400.00
100	24	Fairmont Office, 2031 Pleasant Valley Rd., Fairmont, WV 26554		\$0	\$0
101	24	French Creek Office, P.O. Box 38, French Creek, WV 26218		\$20.00	\$480.00
102	24	Logan Office, 1101 George Kostas Dr., Logan, 25601		\$100.00	\$2400.00
103	24	Oak Hill Office, 116 Industrial Dr., Oak Hill, WV 25901		\$75.00	\$1800.00
104	24	Parkersburg Office, 2311 Ohio Ave., Parkersburg, WV 26010		\$25.00	\$600.00
105	24	Philippi Office, 105 South Railroad Street, Philippi, WV 26416		\$0	\$0
106	24	Romney Office, HC 63, Box 2545, Romney, WV 26757		\$50.00	\$1200.00
107	24	Teays Office, P.O. Box 662, Teays, WV 25596		\$100.00	\$2400.00
108	24	Welch Office, 311 Court St., Welch, 24801		\$100.00	\$2400.00
109	24	Wheeling Office, 131A Peninsula St., Wheeling, WV 26003		\$25.00	\$600.00
110	5000	Other locations as Cost Per Mile to pickup site		\$0.50	\$2500.00
111	10	24 Hour Turn-Around Rush Order fee, per sample		\$CostX2.0	\$
112	10	48 Hour Turn-Around Rush Order fee, per sample		\$CostX1.5	\$
113	10	72 Hour Turn-Around Rush Order fee, per sample		\$CostX1.25	\$
TOTAL					\$463780.00

Quantities listed on the bid schedule are for bid evaluation purposes only and are not a guarantee of quantities to be ordered over the life of the contract. Actual quantities may be more or less than those stated on this schedule.

Company: Reliance Laboratories, Inc.

Name: Tenley Miller

Signature: 

Date: 11/9/2015

REQUEST FOR QUOTATION
Inorganic Analysis of Water and Soil

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of The West Virginia Department of Environmental Protection to establish an open end contract for Inorganic Analysis of water and soil samples.

2. **DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in Attachment A and section 2 of the General Terms and Conditions.
 - 2.1 **“Contract Item” or “Contract Items”** the list of items identified in Section 3.1 below and on the Pricing Pages

 - 2.2 **“Pricing Pages”** means the schedule of prices, estimated order quantity, and totals contained in wvOASIS or attached hereto as Exhibit A, and used to evaluate the Solicitation responses

 - 2.3 **“Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.

 - 2.4 **“WVDEP”** means the West Virginia Department of Environmental Protection.

3. **GENERAL REQUIREMENTS:**
 - 3.1. **Contract Items and Mandatory Requirements:** Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below:
 - 3.1.1. **Inorganic analysis of water and soil samples.**
 - 3.1.1.1. The laboratory must be certified by the Water Resources Quality Assurance Program. This includes any laboratories to which analyses are subcontracted. **Must submit proof of certification preferably with bid, but must be sent prior to award.**

REQUEST FOR QUOTATION
Inorganic Analysis of Water and Soil

- 3.1.1.2.** Must be accessible by telephone 24 hours per day, 7 days per week.
- 3.1.1.3.** Must be capable of attending and providing expert testimony in legal proceedings upon request.
- 3.1.1.4** The vendor must follow the Quality Control and Analytical Procedures outlined in Attachment A.
- 3.1.1.5** The vendors, who are awarded a contract, when performing work under the terms and conditions of this contract, are solely responsible for the satisfactory completion of the work. The prime vendor shall be responsible for ensuring that any subcontractor has all the necessary permits, certifications (including WV State Laboratory certifications), experience and insurance to perform the work. All subcontractors must be approved by DEP before subcontractor initiates work. The primary contractor shall supply resumes and/or other documents to prove subcontractor's qualifications. All work performed by a subcontractor must be appropriately annotated on any submitted documentation (report or EDD). DEP will consider the prime vendor to be the sole point of contact with regard to authorized work under the contract: however, this provision does not prohibit the DEP from directly contacting subcontractors.
- 3.1.1.6** The vendor agrees that any and all data, analyses, materials, reports or other information, oral or written, prepared by the vendor with respect to this requisition shall, except for information which has been publicly available, be treated as confidential and shall not be utilized, released, published, or disclosed, by the vendor at any time for any purpose whatsoever other than to provide consultation or other service to the DEP
- 3.1.1.7** The vendor shall provide sample containers and field preservatives to the DEP at no charge, if requested by the DEP.
- 3.1.1.8** The DEP may, at their discretion, choose to deliver samples to the vendor's establishment rather than having them picked up by or delivered to the vendor.

REQUEST FOR QUOTATION
Inorganic Analysis of Water and Soil

- 3.1.1.9** All unit pricing quoted must be based on standard (not to exceed two weeks) turn-around time.
- 3.1.1.10** Upon awarding the contract, the vendor shall provide one copy to the method detection limits (MDLs) for all analytes for which the contract is awarded. Any updates to the MDLs during the life of this contract shall be provided to the DEP, in writing, within one week of the update(s) completion.
- 3.1.1.11** The vendor shall provide at no additional cost, any requested quality control/calibration information associated with a particular sample. Quality control/calibration information includes, but is not limited to, values of standards used in calibration, date of last calibration, correlation coefficients of calibration curves, instrument blank values, check standard values, spike/recovery values, duplicate values, dilution volumes, bench sheets, calculations and Shewhart quality control charts.
- 3.1.1.12** Notice of any changes to the vendor's certification status with regard to any of the parameters that the vendor is certified to analyze for, must be submitted to the DEP, in writing, within ten (10) days of the time of status change.
- 3.1.1.13** The laboratory will provide DEP approved blank water to the DEP, at no charge, upon request.

4. CONTRACT AWARD:

4.1 Contract Award: The Contract is intended to provide Agency with a purchase price on all Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Item meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.

4.2 Pricing Pages: Vendor should complete the Pricing Pages by filling in the "Unit Price" box with the price per unit. The "Amount" box is filled in by multiplying the "Unit Price" with the "Quantity". Vendor should include method number (identifier), MDL, PQL, and cost for each parameter. If Vendor is certified for more than one method per parameter, they should include method number, MDL, PQL, and cost for any additional method per parameter in the "Alt. Method" space on the bid sheet. Bids must be submitted exactly as per attached bid sheet. Vendor should

REQUEST FOR QUOTATION
Inorganic Analysis of Water and Soil

complete the Pricing Page in their entirety as failure to do so may result in Vendor's bid being disqualified.

The Pricing Pages contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume of each item represents the approximate volume of anticipated purchases only. No future use of the Contract of any individual item is guaranteed or implied.

Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address:

5. ORDERING AND PAYMENT:

- 5.1 Ordering:** Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how Agencies may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.
- 5.2 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

6. DELIVERY AND RETURN:

- 6.1 Delivery Time:** Vendor shall deliver standard orders within 10 working days after orders are received. Vendor shall deliver emergency orders within 1 working day(s) after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.
- 6.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division.

- 6.3 Delivery Payment/Risk of Loss:** Standard order delivery shall be F.O.B.

REQUEST FOR QUOTATION
Inorganic Analysis of Water and Soil

destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.

- 6.4 Return of Unacceptable Items:** If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the Agency's discretion.
- 6.5 Return Due to Agency Error:** Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7. VENDOR DEFAULT:

7.1 The following shall be considered a vendor default under this Contract.

- 7.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.
- 7.1.2 Failure to comply with other specifications and requirements contained herein.
- 7.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
- 7.1.4 Failure to remedy deficient performance upon request.

REQUEST FOR QUOTATION
Inorganic Analysis of Water and Soil

7.2 The following remedies shall be available to Agency upon default.

7.2.1 Immediate cancellation of the Contract.

7.2.2 Immediate cancellation of one or more release orders issued under this Contract.

7.2.3 Any other remedies available in law or equity.

8. MISCELLANEOUS:

8.1 No Substitutions: Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

8.2 Vendor Supply: Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

8.3 Reports: Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.

8.4 Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: Tenley Miller
Telephone Number: 304-842-5285
Fax Number: 304-842-5351
Email Address: TMiller@wvdsi.net

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.

Reliance Laboratories, Inc.
(Company)

Tenley Miller, President
(Authorized Signature) (Representative Name, Title)

304-842-5285 304-842-5351 11/9/15
(Phone Number) (Fax Number) (Date)

Attachment I

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

List of Certified Parameters
for

RELIANCE LABORATORIES - BRIDGEPORT
BRIDGEPORT, WEST VIRGINIA

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acidity	SM2310 B-97	Titrimetric
Alkalinity	SM2320 B-97	Titrimetric
Ammonia	ASTM D6919-03	IC
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 B-97	Titrimetric
Chlorine, Residual	HACH 8167	Spectrophotometric
Chlorine, Residual	SM4500-Cl G-00	Spectrophotometric
Chromium, Hexavalent	SM3500 Cr B-09	Spectrophotometric
Color	SM2120 B-01	Visual Comparison
Conductance, Specific	EPA120.1 Rev 1982	Probe
Cyanide	SM4500-CN C-99	Distillation
Cyanide, Amenable to Chlorination	SM4500-CN G-99	Distillation
Cyanide, Total	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	SM2340 B-97	Calculation
Hardness, Total	SM2340 C-97	Titrimetric
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	Calculation
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 B-97	Distillation
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 C-97	Titrimetric
Nitrogen, Total Kjeldahl (TKN)	SM4500-Norg B-97	Digestion
Oil & Grease	EPA1664 A	Gravimetric
Oxygen Demand, Biochemical (BOD)	SM5210 B-01	Probe
Oxygen Demand, Chemical (COD)	EPA410.4 Rev 2.0-1993	Spectrophotometric
Oxygen, Dissolved	HACH 10360	LDO Probe

ANALYTEMETHODTECHNOLOGY

Oxygen, Dissolved	SM4500-O G-01	Probe
pH (Hydrogen Ion)	SM4500-H B-00	Electrode
Phenolics, Total	EPA420.1 Rev 1978	Spectrophotometric
Phosphorus, Ortho	EPA300.0 Rev 2.1-1993	IC
Phosphorus, Total	HACH 10210	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	ASTM D516-02	Turbidimetric
Sulfate	EPA300.0 Rev 2.1-1993	IC
Sulfide	SM4500-S F-00	Titrimetric
Sulfite	SM4500-SO3 B-00	Titrimetric
Surfactants (MBAS)	SM5540 C-00	Spectrophotometric
Temperature	SM2550 B-00	Thermometric
Turbidity	SM2130 B-01	Turbidimetric

NONPOTABLE WATER TRACE METALSMETALMETHODTECHNOLOGY

Aluminum	EPA200.7 Rev 4.4-1994	ICP
Aluminum	EPA200.8 Rev 5.4-1994	ICP-MS
Antimony	EPA200.7 Rev 4.4-1994	ICP
Antimony	EPA200.8 Rev 5.4-1994	ICP-MS
Arsenic	EPA200.7 Rev 4.4-1994	ICP
Arsenic	EPA200.8 Rev 5.4-1994	ICP-MS
Barium	EPA200.7 Rev 4.4-1994	ICP
Barium	EPA200.8 Rev 5.4-1994	ICP-MS
Beryllium	EPA200.7 Rev 4.4-1994	ICP
Beryllium	EPA200.8 Rev 5.4-1994	ICP-MS
Boron	EPA200.7 Rev 4.4-1994	ICP
Boron	EPA200.8 Rev 5.4-1994	ICP-MS
Cadmium	EPA200.7 Rev 4.4-1994	ICP
Cadmium	EPA200.8 Rev 5.4-1994	ICP-MS
Calcium	EPA200.7 Rev 4.4-1994	ICP
Calcium	EPA200.8 Rev 5.4-1994	ICP-MS
Chromium	EPA200.7 Rev 4.4-1994	ICP
Chromium	EPA200.8 Rev 5.4-1994	ICP-MS
Cobalt	EPA200.7 Rev 4.4-1994	ICP
Cobalt	EPA200.8 Rev 5.4-1994	ICP-MS
Copper	EPA200.7 Rev 4.4-1994	ICP
Copper	EPA200.8 Rev 5.4-1994	ICP-MS
Iron	EPA200.7 Rev 4.4-1994	ICP
Iron	EPA200.8 Rev 5.4-1994	ICP-MS
Lead	EPA200.7 Rev 4.4-1994	ICP
Lead	EPA200.8 Rev 5.4-1994	ICP-MS

METAL

Magnesium
 Magnesium
 Manganese
 Manganese
 Mercury
 Mercury
 Mercury
 Molybdenum
 Molybdenum
 Nickel
 Nickel
 Potassium
 Potassium
 Selenium
 Silicon
 Silver
 Silver
 Sodium
 Sodium
 Strontium
 Strontium
 Thallium
 Thallium
 Tin
 Tin
 Vanadium
 Vanadium
 Zinc
 Zinc

METHOD

EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA1631 E
 EPA200.8 Rev 5.4-1994
 EPA245.1 Rev 3.0-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994
 EPA200.7 Rev 4.4-1994
 EPA200.8 Rev 5.4-1994

TECHNOLOGY

ICP
 ICP-MS
 ICP
 ICP-MS
 CVAF
 ICP-MS
 CVAA
 ICP
 ICP-MS
 ICP
 ICP-MS
 ICP
 ICP-MS
 ICP-MS
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 ICP-MS
 ICP-MS
 ICP-MS
 ICP
 ICP-MS
 ICP
 ICP-MS
 ICP-MS
 ICP
 ICP-MS

NONPOTABLE WATER MICROBIOLOGYGROUP

Coliform, Fecal (MF)
 Heterotrophic Plate Count (HPC)

METHOD

SM9222 D-97
 SM9215 B-00

TECHNOLOGY

Membrane Filter
 Pour Plate

NONPOTABLE WATER VOLATILE ORGANIC CHEMICALSGROUP

Halogenated & Aromatic Volatiles
 Purge & Trap For Aqueous Samples
 Purgeables
 Total Petroleum Hydrocarbons (GRO)
 Volatile Organic Compounds

METHOD

SW8021B
 SW5030B
 EPA624
 SW8015B
 SW8260B

TECHNOLOGY

GC
 Extraction
 GC/MS
 GC/FID
 GC/MS

NONPOTABLE WATER EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Separatory Funnel Liquid-Liquid	SW3510C	Extraction
Solid Phase Extraction	SW3535A	Extraction
Total Petroleum Hydrocarbons (DRO)	SW8015B	GC/FID

HAZARDOUS WASTE CHARACTERISTICS

<u>PROCEDURE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Corrosivity	SW9040C	Electrode
Ignitability	SW1010A	Closed Cup
Paint Filter Test	SW9095B	Gravimetric
TCLP- Metals & Organics	SW1311	Extraction

SOLID AND CHEMICAL INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Ammonia	SM4500-NH3 B-97	Distillation
Ammonia	SM4500-NH3 C-97	Titrimetric
Cyanide, Total	SW9010B	Distillation
Cyanide, Total	SW9013	Extraction
Cyanide, Total	SW9014	Titrimetric
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 B-97	Distillation
Nitrogen, Total Kjeldahl (TKN)	SM4500-NH3 C-97	Titrimetric
Nitrogen, Total Kjeldahl (TKN)	SM4500-Norg B-97	Digestion
pH (Hydrogen Ion)	SW9045D	Electrode
Phosphorus, Total	SM4500-P B(5)-99	Digestion
Phosphorus, Total	SM4500-P E-99	Spectrophotometric
Solids, Total, Fixed, & Volatile	SM2540 G-97	Gravimetric

SOLID AND CHEMICAL TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Aluminum	SW6010C	ICP
Antimony	SW6010C	ICP
Arsenic	SW6010C	ICP
Barium	SW6010C	ICP
Beryllium	SW6010C	ICP
Boron	SW6010C	ICP
Cadmium	SW6010C	ICP
Calcium	SW6010C	ICP
Chromium	SW6010C	ICP
Cobalt	SW6010C	ICP
Copper	SW6010C	ICP
Iron	SW6010C	ICP
Lead	SW6010C	ICP
Magnesium	SW6010C	ICP
Manganese	SW6010C	ICP

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Mercury	SW7471A	CVAA
Metals	SW3050B	Digestion
Molybdenum	SW6010C	ICP
Nickel	SW6010C	ICP
Potassium	SW6010C	ICP
Selenium	SW6010C	ICP
Silver	SW6010C	ICP
Sodium	SW6010C	ICP
Thallium	SW6010C	ICP
Vanadium	SW6010C	ICP
Zinc	SW6010C	ICP

SOLID AND CHEMICAL MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MF)	SM9222 D-97	Membrane Filter

SOLID AND CHEMICAL VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Closed System Purge & Trap	SW5035	Extraction
Halogenated & Aromatic Volatiles	SW8021B	GC
Total Petroleum Hydrocarbons (GRO)	SW8015B	GC/FID

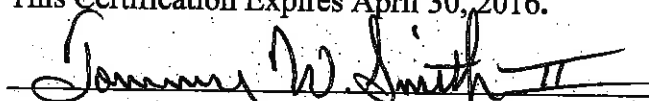
SOLID AND CHEMICAL EXTRACTABLE AND SEMI-VOLATILE ORGANIC CHEMICALS

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Total Petroleum Hydrocarbons (DRO)	SW8015B	GC/FID
Ultrasonic	SW3550C	Extraction

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 April 30, 2016.

Certificate No 158

 Issued on September 08, 2015

Tommy W. Smith II
Quality Assurance Officer

NOTE: This Attachment I supersedes & voids all previous Attachment I documents issued by WV DEP.

West Virginia

Department of Environmental Protection

hereby certifies

Reliance Laboratories, Inc. Bridgeport

to perform analyses for the purpose of determining compliance with the requirements of the state's natural resources and environmental programs when required by an order issued by the agency or required by statute.

This certificate does not guarantee the validity of data generated, but indicates the methodology, equipment, quality control procedures, records, and proficiency of the laboratory have been examined and found to be acceptable.

This certificate is the property of the Department of Environmental Protection

158

Certificate number

Paul J. Caldwell

Quality Assurance Officer



February 17, 2006

Date Issued

Certification originally granted 3/22/1994

John C. McClung

Director

Attachment I

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

List of Certified Parameters
for

RELIANCE LABORATORIES - MARTINSBURG
MARTINSBURG, WEST VIRGINIA

PARAMETERS CERTIFIED

NONPOTABLE WATER INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Acidity	SM2310 B-97	Titrimetric
Alkalinity	SM2320 B-97	Titrimetric
Ammonia	SM4500-NH3 B-97	Distillation
Ammonia	SM4500-NH3 C-97	Titrimetric
Chloride	EPA300.0 Rev 2.1-1993	IC
Chloride	SM4500-Cl B-97	Titrimetric
Chlorine, Residual	HACH 8167	Spectrophotometric
Chlorine, Residual	SM4500-Cl G-00	Spectrophotometric
Conductance, Specific	EPA120.1 Rev 1982	Probe
Fluoride	EPA300.0 Rev 2.1-1993	IC
Hardness, Total	SM2340 C-97	Titrimetric
Nitrate	EPA300.0 Rev 2.1-1993	IC
Nitrate-Nitrite	EPA300.0 Rev 2.1-1993	Calculation
Nitrite	EPA300.0 Rev 2.1-1993	IC
Nitrite	SM4500-NO2 B-00	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 B-97	Digestion
Oil & Grease	EPA1664 A	Gravimetric
Oxygen Demand, Biochemical (BOD)	SM5210 B-01	Probe
Oxygen Demand, Chemical (COD)	EPA410.4 Rev 2.0-1993	Spectrophotometric
Oxygen, Dissolved	HACH 10360	LDO Probe
Oxygen, Dissolved	SM4500-O G-01	Probe
pH (Hydrogen Ion)	SM4500-H B-00	Electrode
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	Gravimetric
Solids, Suspended	SM2540 D-97	Gravimetric
Solids, Total	SM2540 B-97	Gravimetric
Sulfate	EPA300.0 Rev 2.1-1993	IC
Sulfide	SM4500-S F-00	Titrimetric

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Temperature	SM2550 B-00	Thermometric
Turbidity	SM2130 B-01	Turbidimetric

NONPOTABLE WATER TRACE METALS

<u>METAL</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Chromium, Hexavalent	SM3500-Cr B-09	Spectrophotometric

NONPOTABLE WATER MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MF)	SM9222 D-97	Membrane Filter

SOLID AND CHEMICAL INORGANIC NONMETALS

<u>ANALYTE</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Ammonia	SM4500-NH3 B-97	Distillation
Ammonia	SM4500-NH3 C-97	Titrimetric
pH (Hydrogen Ion)	SW9045D	Electrode
Phosphorus, Total	SM4500-P B(5)-99	Digestion
Phosphorus, Total	SM4500-P E-99	Spectrophotometric
Solids, Total, Fixed, & Volatile	SM2540 G-97	Gravimetric

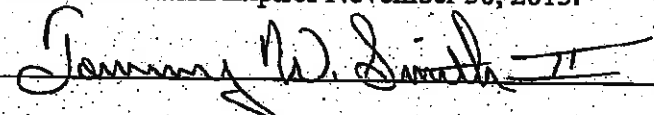
SOLID AND CHEMICAL MICROBIOLOGY

<u>GROUP</u>	<u>METHOD</u>	<u>TECHNOLOGY</u>
Coliform, Fecal (MF)	SM9222 D-97	Membrane Filter

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 November 30, 2015.

Certificate No 181

 Issued on December 15, 2014

Tommy W. Smith II
Quality Assurance Officer

NOTE: This Attachment I supersedes & voids all previous Attachment I documents issued by WV DEP.

West Virginia

Department of Environmental Protection

hereby certifies

Reliance Laboratories, Inc. Martinsburg

to perform analyses for the purpose of determining compliance with the requirements of the state's natural resources and environmental programs when required by an order issued by the agency or required by statute.

This certificate does not guarantee the validity of data generated, but indicates the methodology, equipment, quality control procedures, records, and proficiency of the laboratory have been examined and found to be acceptable.

This certificate is the property of the Department of Environmental Protection

181

Certificate number

Samuel S. Arnold

Quality Assurance Officer



February 17, 2006

Date Issued

Certification originally granted 5/12/1997

Lynne M. Blum

Director

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DEP1600000011

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 checked="" 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.

Reliance Laboratories, Inc
 Company

[Signature]
 Authorized Signature

11/9/2015
 Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
 Revised 6/8/2012



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

State of West Virginia
 Request for Quotation

Proc Folder: 132914

Doc Description: Addendum 02 Inorganic Analysis of Water and Soil Open End

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2015-10-27	2015-11-12 13:30:00	CRFQ 0313 DEP1600000011	3

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:

Reliance Laboratories Inc.
 P.O. Box 41657
 Bridgeport WV 26330
 304-812-5285

FOR INFORMATION CONTACT THE BUYER

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

Signature X

FEIN # 55-058 0040

DATE 11/9/15

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

ADDITIONAL INFORMATION:**Addendum No. 02**

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To modify the bid opening date to November 12, 2015 at 1:30PM, EST.
2. To provide answers to vendor submitted questions.

No other changes.

Addendum No. 01

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To modify the bid opening date to October 28, 2015 at 1:30PM, EST.

No other changes.

CRFQ

The West Virginia Purchasing Division is soliciting bids on behalf of the West Virginia Department of Environmental Protection to establish an open-end contract for inorganic analysis of water and soil, per the attached specifications.

INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV25304 US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV 25304 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Analysis of Soil and Water Samples	1.00000	LS		

Comm Code	Manufacturer	Specification	Model #
81102600			

Extended Description :

Analysis of Soil and Water Samples as outlined on the attached bid sheet.
Do not enter prices on commodity line.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Tech Question Deadline at 5:00 PM, EST	2015-09-08

DEP1600000011	Document Phase Final	Document Description Addendum 02 Inorganic Analysis of Water and Soil Open End	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



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

State of West Virginia
 Request for Quotation

Proc Folder: 132914

Doc Description: Addendum 01 Inorganic Analysis of Water and Soil Open End

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2015-09-30	2015-10-28 13:30:00	CRFQ 0313 DEP1600000011	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:
Reliance Laboratories, Inc.
P.O. Box 4657
Bridgeport WV 26330
304-842-5285

FOR INFORMATION CONTACT THE BUYER

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

Signature X *[Handwritten Signature]* FEIN # *55-0580040* DATE *11/9/15*

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

ADDITIONAL INFORMATION:

2

Addendum No. 01

This addendum is issued to modify the solicitation per the attached documentation and the following:

1. To modify the bid opening date to October 28, 2015 at 1:30PM, EST.

No other changes.

CRFQ

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INVOICE TO		SHIP TO	
ENVIRONMENTAL PROTECTION OFFICE OF ADMINISTRATION 601 57TH ST SE CHARLESTON WV25304 US		ENVIRONMENTAL PROTECTION 601 57TH ST CHARLESTON WV 25304 US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Analysis of Soil and Water Samples	1.00000	LS		

Comm Code	Manufacturer	Specification	Model #
81102600			

Extended Description :

Analysis of Soil and Water Samples as outlined on the attached bid sheet.
Do not enter prices on commodity line.

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Tech Question Deadline at 5:00 PM, EST	2015-09-08

DEP1600000011	Document Phase Final	Document Description Addendum 01 Inorganic Analysis of Water and Soil Open End	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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: Reliance Laboratories, Inc. Signed: [Signature]
 Date: 9/29/15 Title: President

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 exceeds 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: Reliance Laboratories, Inc.Authorized Signature: [Signature] Date: 9/28/15State of West VirginiaCounty of Harrison, to-wit:Taken, subscribed, and sworn to before me this 28 day of September, 2015.My Commission expires March 12, 2024.

AFFIX SEAL HERE



NOTARY PUBLIC

Connie S. Hamilton