



PURCHASING AND CENTRAL SERVICES

Telephone No.: (845) 808-1088

Fax No.: (845) 808-1914

Contract Award Notification

Title: Laboratory Services-Water quality

Contract Period: 01/01/16 – 12/31/17

Bid Opening: 11/4/15

BID No: RFB-03-16

Authorized User: Putnam County

Description: To provide water quality laboratory services for the Putnam County Health Department

Contractor Information: Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
800-827-5426

PURCHASING AGENT: Alex Muzetta **DATE:** 11/6/15

DEPARTMENT HEAD: [Signature] **DATE:** 11/9/15

COUNTY EXECUTIVE: Maryellen Odell **DATE:** 11.12.15

COUNTY OF PUTNAM - PURCHASING
 40 Gleneida Ave.-1st Floor-Room 105, Carmel, NY 10512
 TELEPHONE: 845-808-1088 / TELEFAX: 845-808-1914

TITLE: LAB SERVICES-WATER QUALITY INITIATIVE

BID NUMBER: RFB-03-16

PARTICULAR BID SPECIFICATIONS

It is the intent of the County of Putnam, (hereinafter referred to as the County) to solicit prices to furnish all personnel, equipment and related services for the project described below:

PROJECT DESCRIPTION:

The Division of Environmental Health Services collects mandated surveillance samples for coliform bacteria, nitrate, inorganic compounds and full Part 5-1 analysis. Laboratory analysis of these samples is required from January 1, 2016 through December 31, 2017. Pick-up by courier service is required on-demand each business day between 2:30 P.M. and 4:00 P.M. During busy season (mid-June through mid-August) daily courier service is required. Exact dates to be announced later.

QUANTITIES:

For the purposes for this proposal, please submit a fixed fee per item for the following **drinking water** samples requested, as well as group pricing by analyte group as shown below. Analyses may be requested of individual analytes, so individual pricing should be indicated for all Part 5-1 analytes. Please provide a quotation for the following samples which is our best estimate of expected sample volumes for one calendar year:

- 1600 Total Coliform (P/A) – Drinking Water
- 350 Nitrate
- 10 Nitrite
- 300 POCs
- 1 Full Part 5-1 analysis
- 10 IOC Group 1
- 10 IOC Group 2
- 65 Sodium
- 65 Chloride
- 50 Iron
- 50 Manganese
- 60 Lead and Copper
- 2 SOC's
- 2 SOC's (except for Glyphosate, Endothall, Dioxin, Diquat)

COUNTY OF PUTNAM - PURCHASING
 40 Gleneida Ave.-1st Floor-Room 105, Carmel, NY 10512
 TELEPHONE: 845-808-1088 / TELEFAX: 845-808-1914

**TITLE: LAB SERVICES-WATER QUALITY
 INITIATIVE**

BID NUMBER: RFB-03-16

Additional sample analyses may be requested during the 2016-2017 contract years which are listed in your fee schedule which should be included as part of your bid. Any customary discount available off list prices must be noted. Please provide prices for the following drinking water analytes:

Group	Analyte
Bacteriological	Total coliform (P/A)
	E. coli (P/A)
	Total coliform (count)
	Fecal coliform (count)
	Heterotrophic Plate Count (HPC)
Organic Compounds	Principal Organic Compounds (POCs) Including Methyl-tert-butyl ether (MTBE)
Inorganic/Physical Parameters	Nitrate
	Nitrite
	Sodium
	Chloride
	Iron
	Manganese
	Lead
	Copper
	Antimony
	Arsenic
	Barium
	Beryllium
	Cadmium
	Chromium
	Cyanide
	Mercury
	Nickel
	Selenium
	Silver
	Thallium
	Zinc
	Asbestos
	Color
Odor	
Fluoride	
Sulfate	
Sulfide	

COUNTY OF PUTNAM - PURCHASING
 40 Gleneida Ave.-1st Floor-Room 105, Carmel, NY 10512
 TELEPHONE: 845-808-1088 / TELEFAX: 845-808-1914

TITLE: LAB SERVICES-WATER QUALITY INITIATIVE	BID NUMBER: RFB-03-16
---	------------------------------

	Hydrogen sulfide
Synthetic Organic Compounds	EPA 515
	EPA 531.1
	EPA 525.2
	EPA 504
	EPA 508
	EPA 547 (glyphosate)
	EPA 548 (endothall)
	EPA 549 (diquat)
	EPA 1613 (dioxin)
Radionuclides	Gross alpha particle
	Beta particle/photon emitters
	Radium-226
	Radium-228
	Uranium
Disinfection By-products	Trihalomethanes (THMs)
	Haloacetic Acids (HAA5)
Other Analytes	pH
	Calcium hardness
	Alkalinity
	Turbidity
	Conductivity
	Total Dissolved Solids
	Total Suspended Solids
	UV Absorbance
	UV Transmittance

COUNTY OF PUTNAM - PURCHASING
40 Gleneida Ave.-1st Floor-Room 105, Carmel, NY 10512
TELEPHONE: 845-808-1088 / TELEFAX: 845-808-1914

**TITLE: LAB SERVICES-WATER QUALITY
INITIATIVE**

BID NUMBER: RFB-03-16

GENERAL INFORMATION:

Before submitting a bid, bidders should examine the annexed proposed Agreement and understand its contents. Bidders should make a visit to the Health Department Water Supply section at the Health Department's Water Supply Section at the Health Department, 1 Geneva Road, Brewster, NY 10509, or at least refer to a map to make sure of pick-up location. The Health Department is located at the intersection of I-84 and Route 312 at Exit 19. The proposed agreement sets forth the character and quality of the work to be done and services to be rendered by the successful bidder.

COUNTY OF PUTNAM - PURCHASING
40 Gleneida Ave.-1st Floor-Room 105, Carmel, NY 10512
TELEPHONE: 845-808-1088 / TELEFAX: 845-808-1914

**TITLE: LAB SERVICES-WATER QUALITY
INITIATIVE**

BID NUMBER: RFB-03-16

**SCHEDULE "A"
SCOPE OF SERVICES**

The Contractor shall provide sampling bottles with required preservatives and sampling procedures, laboratory chain of custody forms, pick-up courier service and transportation to the laboratory at a maximum temperature of 4 degrees Celsius, analysis of samples, report of sample analysis within seven (7) business days and monthly billing for services within ten (10) days of the end of the month.

The County shall designate a representative who will have the authority to secure orderly administration of this Agreement. The County's representative will have no authority to change the basic terms of the Agreement.

The Contractor shall supply preserved bottles and Chain of Custody forms at no extra charge whenever the County's Administrator requests same.

The Contractor shall pick up samples for analysis no earlier than 2:30 P.M. and no later than 4:00 P.M. by telephone request. Telephone request shall be made by 12:00 noon for pick up the same day. During the busy season, approximately mid-June through mid-August, the Contractor shall pick up samples each business day. The dates for the busy season will be communicated to the Contractor by the County's Administrator in advance.

2016 - 2017 LABORATORY SERVICES

WATER QUALITY IMPROVEMENT INITIATIVE

RFB-03-16

BID RESULTS

For the Period: 01/01/16 - 12/31/17

Please submit rates for Laboratory Services for January 1, 2016 through December 31, 2017 on a per sample basis which is inclusive of providing laboratory bottles and sampling procedures, sample pick-up and courier service, sample analysis, reporting within ten (10) days for all samples and within twenty-four (24) hours by fax((845) 808-4093) for any bacteria samples that do not meet State standards. Billing must be submitted by month and received within ten (10) days of the last sample collection of the previous month. The bidder acknowledges, without qualification, that the bidder will provide laboratory bottles, sample procedures, pick-up and transport samples, analyze samples and supply a written report of sample results and provide a well documented bill all within ten (10) days of the last sample collection date all at the fixed price per sample presented below:

Phoenix Environmental Laboratories Inc.
587 East Middle Turnpike
Manchester, CT 06040
(860) 645-1102

Enviro Test Laboratories Inc.
315 Fullerton Ave.
Newburgh, NY 12550
(845) 562-0890 ext. 118

1,600	Total Coliform (P/A) - Drinking Water	\$10.00	=	\$16,000.00
350	Nitrate	\$9.00	=	\$3,150.00
10	Nitrite	\$9.00	=	\$90.00
300	POC/MTBE	\$62.00	=	\$18,600.00
10	IOC GROUP 1	\$73.00	=	\$730.00
10	IOC GROUP 2	\$68.00	=	\$680.00
65	SODIUM	\$7.00	=	\$455.00
65	CHLORIDE	\$7.00	=	\$455.00
50	IRON	\$7.00	=	\$350.00
50	MANGANESE	\$7.00	=	\$350.00

\$11.00	=	\$17,600.00
\$10.00	=	\$3,500.00
\$10.00	=	\$100.00
\$65.00	=	\$19,500.00
\$68.00	=	\$680.00
\$62.00	=	\$620.00
\$8.00	=	\$520.00
\$10.00	=	\$650.00
\$8.00	=	\$400.00
\$8.00	=	\$400.00

Phoenix Environmental Laboratories Inc.

Enviro Test Laboratories Inc.

60	LEAD AND COPPER	\$14.00	=	\$840.00
2	SOC'S	\$995.00	=	\$1,990.00
2	SOC'S (EXCEPT FOR GLYPHOSATE, ENDOTHALL, DIOXIN, DIQUAT)	\$475.00	=	\$950.00
1	Part 5-1	\$1,695.00	=	\$1,695.00
TOTAL			=	\$44,640.00
(Not Including full Part 5-1)				

\$16.00	=	\$960.00
\$1,095.00	=	\$2,190.00
\$670.00	=	\$1,340.00
\$1,700.00	=	\$1,700.00
	=	\$48,460.00

*PLEASE NOTE-IOC GROUP 2 WAS NOTED AS \$7.00 HOWEVER EXTENSION WAS CORRECT AT \$680.00 THEREFORE CORRECT COST PER UNIT IS \$68.00

FULL PART 5-1 WATER TESTING REQUIREMENTS AND STANDARDS
(Please supply price breakdowns of Full Part 5-1 analysis as specified below:

Total Coliform (P/A)	\$10.00
Total coliform (count)	\$11.00
Fecal coliform (count)	\$15.00
E. Coli (P/A)	\$10.00
Heterotrophich Plate Count (HPC)	\$11.00

\$11.00
\$11.00
\$11.00
\$11.00
\$11.00

Inorganic Chemicals & Physical Characteristics (standards in mg/l unless stated otherwise)

IOCs (Groups 1 and 2)	\$141.00
IOCs Group 1 only	\$73.00
IOCs Group 2 only	\$68.00
Antimony	\$7.00

\$130.00
\$68.00
\$62.00
\$8.00

Phoenix Environmental Laboratories Inc.

Enviro Test Laboratories Inc.

Arsenic	\$7.00	\$8.00
Barium	\$7.00	\$8.00
Beryllium	\$7.00	\$8.00
Cadmium	\$7.00	\$8.00
Chromium	\$7.00	\$8.00
Cyanide	\$19.00	\$20.00
Mercury	\$15.00	\$18.00
Nickel	\$7.00	\$8.00
Selenium	\$7.00	\$8.00
Silver	\$7.00	\$8.00
Thallium	\$7.00	\$8.00
Color	\$7.00	\$10.00
Odor	\$15.00	\$15.00
Fluoride	\$12.00	\$10.00
Chloride	\$7.00	\$10.00
Iron	\$7.00	\$8.00
Manganese	\$7.00	\$8.00

Phoenix Environmental Laboratories Inc.

Enviro Test Laboratories Inc.

Lead	\$7.00	\$8.00
Copper	\$7.00	\$8.00
Lead and Copper	\$14.00	\$16.00
Sodium	\$7.00	\$8.00
Sulfate	\$8.00	\$10.00
Zinc	\$7.00	\$8.00
Asbestos	\$125.00	\$110.00

Principal Organic Contaminants

POCs	\$62.00	\$65.00
------	----------------	----------------

Synthetic Organic Compounds (SOCs)

EPA 515	\$115.00	\$150.00
EPA 531.1	\$90.00	\$95.00
EPA 525.2	\$205.00	\$175.00
EPA 504	\$60.00	\$50.00
EPA 508	\$95.00	\$110.00
EPA 547 (Glyphosate)	\$95.00	\$75.00
EPA 548 (Endothall)	\$150.00	\$130.00
EPA 549 (Diquat)	\$150.00	\$140.00
EPA 1613 (Dioxin)	\$300.00	\$285.00

Phoenix Environmental Laboratories Inc.

Enviro Test Laboratories Inc.

Radionuclides

	Gross Alpha Particle	\$50.00	\$50.00
	Beta Particle/Photon Emitters	\$50.00	\$50.00
	Radium - 226	\$70.00	\$75.00
	Radium - 228	\$70.00	\$75.00
	Uranium	\$30.00	\$45.00

Disinfections By-Products

Trihalomethane (THMs)	<u>\$ 49.50</u>	<u>\$ 45.00</u>
Haloacetic Acids (HAA5s)	<u>\$ 89.00</u>	<u>\$ 90.00</u>

Others

Hydrogen Sulfide	<u>\$ 20.00</u>	<u>\$ 15.00</u>
pH	<u>\$ 5.00</u>	<u>\$ 10.00</u>
Calcium hardness	<u>\$ 13.00</u>	<u>\$ 16.00</u>
Total Suspended Solids (TSS)	<u>\$ 9.00</u>	<u>\$ 10.00</u>
Total Dissolved Solids (TDS)	<u>\$ 9.00</u>	<u>\$ 10.00</u>
Alkalinity	<u>\$ 8.00</u>	<u>\$ 10.00</u>
Turbidity	<u>\$ 7.00</u>	<u>\$ 10.00</u>
Conductivity	<u>\$ 7.00</u>	<u>\$ 10.00</u>
UV Absorbance	<u>\$ 15.00</u>	<u>\$ 25.00</u>
UV Transmittance	<u>\$ 15.00</u>	<u>\$ 25.00</u>
Discount off list prices	<u>35%</u>	<u>25%</u>

LOW BID

PHOENIX

Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Telephone: 860.645.1102 Fax: 860.645.0823

PARAMETER	List Price
WET CHEMISTRY	
Acidity	\$7.00
Ammonia	\$18.00
BOD-5 Day	\$25.00
Chlorine-Free	\$10.00
Chlorine-Residual	\$10.00
COD	\$18.00
Conductance	\$7.00
Density	\$8.00
Dissolved Oxygen	\$8.00
Flash Point	\$25.00
Hexavalent Chromium	\$10.00
Nitrogen-Ammonia	\$18.00
Nitrogen-Organic	\$16.00
Nitrogen-Kjeldahl	\$25.00
Oil & Grease 1664	\$45.00
Paint Filter Test	\$10.00
Petroleum Hydrocarbons IR	\$55.00
pH	\$5.00
Phenols	\$25.00
Phosphate-Ortho	\$13.00
Salinity	\$10.00
Solids-Fixed	\$15.00
Solids-Settleable	\$10.00
Solids-Total	\$10.00
Solids-Volatile	\$20.00
Specific Gravity	\$8.00
Sulfite	\$15.00
MISCELLANEOUS ANALYSES	
Total Organic Carbon-Liquid	\$30.00
Total Organic Carbon-Solid	\$50.00
Total Organic Halogens-Liquid	\$55.00
Total Organic Halogens-Solid	\$70.00
Formaldehyde by HPLC	\$150.00
Glycols	\$75.00
Alcohols	\$75.00
METALS	
Aluminum	\$12.00
Boron	\$15.00
Calcium	\$9.00
Cobalt	\$12.00
Gold	\$12.00
Magnesium	\$12.00

PHOENIX

Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Telephone: 860.645.1102 Fax: 860.645.0823

PARAMETER	List Price
Molybdenum	\$15.00
Phosphorus-Total	\$16.00
Potassium	\$10.00
Silicon	\$15.00
Tin	\$12.00
Titanium	\$12.00
Vanadium	\$12.00
Zirconium	\$15.00
Total RCRA 8 Metals	\$113.00
13 Priority Pollutant Metals	\$172.00
Metals Digestion <i>*add cost one time/sample</i>	\$12.00
HAZARDOUS WASTE CHARACTERIZATION	
Corrosivity (pH)	\$5.00
Ignitability (Flashpoint)	\$25.00
Reactivity (Cyanide & Sulfide)	\$40.00
TCLP (Toxicity Characteristic Leaching Procedure)	
Acid & Base Neutrals*	\$375.00
Herbicides*	\$85.00
Pesticides*	\$75.00
Volatiles*	\$165.00
Metals (8 RCRA)*	\$88.00
TCLP Extraction (18 hours)*add cost-one time/sample	\$100.00
Full TCLP (ABN, Herb/Pest, Volatiles, Metals & Extraction)	\$888.00
ORGANICS BY GAS CHROMATOGRAPHY (GC)	
Aromatic Volatiles	\$75.00
PCB's	\$75.00
Pesticides (Organochlorine)	\$75.00
Pesticides (Organochlorine) & PCB's	\$115.00
Chlorinated Herbicides	\$145.00
Benzene/Toluene/Xylene/Ethyl Benzene (BTEX)	\$75.00
Petroleum Hydrocarbon FID Fingerprint w/quant	\$75.00
Acid & Base Neutral Extractables	\$375.00
Polynuclear Aromatic Hydrocarbons (PAH's)	\$115.00