



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Department of Administration
DIVISION OF PURCHASES
One Capitol Hill
Providence, RI 02908-5855

Tel: (401) 574-8100
Fax: (401) 574-8387
Website: www.purchasing.ri.gov

**CONTRACT USER GUIDE
ANALYTICAL LABORATORY SERVICES
MASTER PRICE AGREEMENT (“MPA”) #48
BID SOLICITATION # 7548926
CONTRACT TERM 12/1/2014 – 11/30/2018**

CONTRACT SUMMARY:

The intent of this Master Price Agreement (MPA) is to establish a Qualified Vendor List to provide analytical laboratory services for the chemical and biological analyses of samples collected by the State of Rhode Island the the RIDEM in connection with its site remediation program and other State programs. These samples may be of surface water, groundwater, drinking water, soils, sediment, sludge, concentrated waste, solid waste, air or other materials.

Proposals were received from seven (7) vendors with awards to six (6) vendors.

The State reserves the right to solicit pricing from each MPA vendor at a lower rate than provided in the MPA. The MPA vendor may hold their rate at the stated price or provide better pricing to the State. The rates provided in the MPA represent a maximum rate that may be charged to the State.

WHO CAN USE THIS CONTRACT:

Statewide Applicability – Political Subdivisions (cities, towns, schools, quasi-public agencies), as authorized by law, may participate in this Agreement. All ordering and billing shall be between the vendor and the political subdivision only.

VENDOR AWARDS CONTACT INFORMATION:

Purchase Order # 3402434
Vendor Name: Accutest Laboratories
Contact Name: Patrick Merolla
Tel: 860-377-6588
Email: patrickm@accutest.com



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Purchase Order # 3402466
Vendor Name: Alpha Analytical
Contact Name: Glen Breland
Tel: 508-380-8136
Email: gbreland@alphalab.com

Purchase Order # 3402470
Vendor Name: Thielsch / ESS Laboratory
Contact Name: Kevin Braga
Tel: 401-461-7181
Email: kbraga@thielsch.com

Purchase Order # 3402480
Vendor Name: New England Testing Laboratory, Inc.
Contact Name: Richard Warila
Tel: 401-353-3420 or 888-863-8522
Email: rich.warila@newenglandtesting.com

Purchase Order # 3402534
Vendor Name: Premier / Microbac Laboratories
Contact Name: Ronald Warila
Tel: 860-774-6814
Email: ronw@premierlaboratory.com

Purchase Order # 3402535
Vendor Name: RI Analytical Laboratories, Inc.
Contact Name: Kristen Mayo
Tel: 401-562-1409
Email: kmayo@rianalytical.com

Division of Purchases Contact:
Gail Walsh, Chief Buyer
(401) 574-8122
Gail.walsh@purchasing.ri.gov



Notice of Contract Purchase Agreement

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
ONE CAPITOL HILL
PROVIDENCE RI 02908

THIELSCH ENGINEERING INC
ESS LABORATORY DIV
195 FRANCES AVE
CRANSTON, RI 02910
United States

MPA-48 - ANALYTICAL LABORATORY SERVICES	
Award Number 3402470	Effective Period: 01-DEC-14 - 30-NOV-18

S H I P T O	MASTER PRICE AGREEMENT SEE BELOW RELEASE AGAINST,RI MPA United States
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Date: 19-NOV-14
Buyer: G Walsh
Shipping: Paid
Terms: NET 30
Vendor#: 2529

I N V O I C E	MASTER PRICE AGREEMENT SEE BELOW RELEASE AGAINST,RI MPA United States
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Department	Type of Requisition	Bid Number	Requisition Number
		N/A	

12/1/14 - 11/30/18

MASTER PRICE AGREEMENT #48

ANALYTICAL LABORATORY SERVICES IN ACCORDANCE WITH THE PROVISIONS OF RFQ #7548926 AND THE ATTACHED COST PROPOSAL.

THIS PURCHASE ORDER IS ISSUED CONTINGENT UPON RECEIVING CERTIFICATE OF INSURANCE, EQUAL OPPORTUNITY AND MINORITY BUSINESS ENTERPRISE COMPLIANCE BY DECEMBER 9, 2014.

SUPPLIER CONTACT:
KEVIN BRAGA
TEL: (401) 461-7181
E-MAIL: KBRAGA@THIELSCH.COM

AGENCY CONTACT:
CYNTHIA GIANFRANCESCO
TEL: (401) 222-4700 EXT. 7126
CINDY.GIANFRANCESCO@DEM.RI.GOV

STATE PURCHASING AGENT
 Nancy R. McIntyre

This Notice of Award/Purchase Order is issued in accordance with the specific requirements described herein and the State's Purchasing Regulations and General Conditions of Purchase, copies of which are available at www.purchasing.ri.gov. Delivery of goods or services as described herein shall be deemed acceptance of these requirements

Contract Terms and Conditions

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Terms and Conditions

PURCHASE ORDER STANDARD TERMS AND CONDITIONS

TERMS AND CONDITIONS FOR THIS PURCHASE ORDER

INSURANCE REQUIREMENTS (ADDITIONAL)

ANNUAL RENEWAL INSURANCE CERTIFICATES FOR WORKERS' COMPENSATION, PUBLIC LIABILITY, PROPERTY DAMAGE INSURANCE, AUTO INSURANCE, PROFESSIONAL LIABILITY INSURANCE (AKA ERRORS & OMISSIONS), BUILDER'S RISK INSURANCE, SCHOOL BUSING AUTO LIABILITY, ENVIRONMENTAL IMPAIRMENT (AKA POLLUTION CONTROL), VESSEL OPERATION (MARINE OR AIRCRAFT) PROTECTION & INDEMNITY, ETC., MUST BE SUBMITTED TO THE SPECIFIC AGENCY IDENTIFIED IN THE "SHIP TO" SECTION OF THE PURCHASE ORDER. CERTIFICATES ARE ANNUALLY DUE PRIOR TO THE BEGINNING OF ANY CONTRACT PERIOD BEYOND THE INITIAL TWELVE-MONTH PERIOD OF A CONTRACT. FAILURE TO PROVIDE ANNUAL INSURANCE CERTIFICATION MAY BE GROUNDS FOR CANCELLATION.

MULTI YEAR AWARD

THIS IS A MULTI-YEAR BID/CONTRACT. PER RHODE ISLAND STATE LAW 37-2-33, CONTRACT OBLIGATIONS BEYOND THE CURRENT FISCAL YEAR ARE SUBJECT TO AVAILABILITY OF FUNDS. CONTINUATION OF THE CONTRACT BEYOND THE INITIAL FISCAL YEAR WILL BE AT THE DISCRETION OF THE STATE. TERMINATION MAY BE EFFECTED BY THE STATE BASED UPON DETERMINING FACTORS SUCH AS UNSATISFACTORY PERFORMANCE OR THE DETERMINATION BY THE STATE TO DISCONTINUE THE GOODS/SERVICES, OR TO REVISE THE SCOPE AND NEED FOR THE TYPE OF GOODS/SERVICES; ALSO MANAGEMENT OWNER DETERMINATIONS THAT MAY PRECLUDE THE NEED FOR GOODS/SERVICES.

PURCHASE AGREEMENT AWARD

THIS IS A NOTICE OF AWARD, NOT AN ORDER. Any quantity reference in the agreement or in the bid preceding it are estimates only and do not represent a commitment on the part of the state to any level of billing activity, other than for quantities or volumes specifically released during the term. No action is to be taken except as specifically authorized, as described herein under AUTHORIZATION AND RELEASE. ENTIRE AGREEMENT - This NOTICE OF AWARD, with all attachments, and any release(s) against it shall be subject to: (1) the specifications, terms and conditions set forth in the Request/Bid Number cited herein, (2) the General Terms and Conditions of Contracts for the State of Rhode Island and (3) all provisions of, and the Rules and Regulations promulgated pursuant to, Title 37, Chapter 2 of the General Laws of the State of Rhode Island. This NOTICE shall constitute the entire agreement between the State of Rhode Island and the Vendor. No assignment of rights or responsibility will be permitted except with the express written permission of the State Purchasing Agent or his designee. CANCELLATION, TERMINATION and EXTENSION - This Price Agreement shall automatically terminate as of the date(s) described under CONTRACT PERIOD unless this Price Agreement is altered by formal amendment by the State Purchasing Agent or his designee upon mutual agreement between the State and the Vendor.

AUTHORIZATION AND RELEASE

In no event shall the Vendor deliver goods or provide service until such time as a duly authorized release document is certified by the ordering Agency. A Direct Purchase Order (DPO) shall be created by the agency listing the items ordered, using the pricing and format set forth in the Master Blanket. All pricing

shall be as described in the Master Blanket and is considered to be fixed and firm for the term of the Agreement, unless specifically noted to the contrary herein. All prices include prepaid freight. Freight, taxes, surcharges, or other additional charges will not be honored unless reflected in Master Blanket.

BLANKET PAYMENT

DELIVERY OF GOODS OR SERVICES AS REQUESTED BY AGENCY. PAYMENTS WILL BE AUTHORIZED UPON SUBMISSION OF PROPERLY RENDERED INVOICES NO MORE THAN MONTHLY TO THE RECEIVING AGENCY. ANY UNUSED BALANCE AT END OF BLANKET PERIOD IS AUTOMATICALLY CANCELLED.

EQUAL OPPORTUNITY COMPLIANCE

THIS PURCHASE ORDER IS AWARDED SUBJECT TO EQUAL OPPORTUNITY COMPLIANCE.

QUARTERLY REPORTS

REPORTS - The Vendor agrees to provide the State with quarterly reports describing activity against this Price Agreement. If this is a Master Price Agreement, such reports shall include usage by municipalities, quasi-public agencies, schools, etc. All reports shall contain the following data: (1) Billing volume in dollars and (2) quantity shipped for each line item in the price agreement. When there are no line items in the price agreement, vendor shall report volume by catalog order numbers, with a brief description of each order number. Reports must be submitted to the RI Division of Purchases to the attention BUYER named in this notice, identifying the Agreement number and the Reporting Period. Quarterly reports shall be due 45 calendar days after the end of each quarter. Failure to submit required reports shall be considered a breach of the contractor's obligations and may be considered, at the discretion of the State Purchasing Agent, sufficient cause for the termination of the agreement and other outstanding agreements and orders, and possible suspension from participation in additional State procurements.

CAMPAIGN FINANCE COMPLIANCE

CAMPAIGN FINANCE: In accordance with RI General Law 17-27-2, Every person or business entity providing goods or services of \$5,000 or more, and has in the preceding 24 months, contributed an aggregate amount in excess of \$250 within a calendar year to any general officer, or candidate for general office, any member, or candidate for general assembly, or political party, is required to electronically file an affidavit regarding political contributions at:

<https://secure.ricampaignfinance.com/RhodeIslandCF/Public/VendorAffidavit.aspx>

ARRA SUPPLEMENTAL TERMS AND CONDITIONS

For contracts and sub-awards funded in whole or in part by the American Recovery and Reinvestment Act of 2009. Pub.L.No. 111-5 and any amendments thereto, such contracts and sub-awards shall be subject to the Supplemental Terms and Conditions For Contracts and Sub-awards Funded in Whole or in Part by the American Recovery and Reinvestment Act of 2009. Pub.L.No. 111-5 and any amendments thereto located on the Division of Purchases website at www.purchasing.ri.gov.

DIVESTITURE OF INVESTMENTS IN IRAN REQUIREMENT:

No vendor engaged in investment activities in Iran as described in R.I. Gen. Laws §37-2.5-2(b) may submit a bid proposal to, or renew a contract with, the Division of Purchases. Each vendor submitting a bid proposal or entering into a renewal of a contract is required to certify that the vendor does not appear on the list maintained by the General Treasurer pursuant to R.I. Gen. Laws §37-2.5-3.

MPA BID AWARD (STATEWIDE APPLICABILITY)

STATEWIDE APPLICABILITY - Political Subdivisions (cities, towns, schools, quasi-public agencies), as authorized by law, may participate in this Agreement. All ordering and billing shall be between the vendor and the political subdivision (only).

TERMS AND CONDITIONS OF PRICING AGREEMENT

SCOPE AND LIMITATIONS - This Agreement covers requirements as described herein, ordered by State agencies during the Agreement Period. No additional or alternative requirements are covered, unless added to the Agreement by formal amendment by the State Purchasing Agent or his designee.

Under State Purchasing Law, 37-2-54, no purchase or contract shall be binding on the state or any agency thereof unless approved by the department [of administration] or made under general regulations which the chief purchasing officer may prescribe. Under State Purchasing Regulation 8.2.1.1.2, any alleged oral agreement or arrangements made by a bidder or contractor with any agency or an employee of the Office of Purchases may be disregarded and shall not be binding on the state.

PRODUCT ACCEPTANCE - All merchandise offered or otherwise provided shall be new, of prime manufacture, and of first quality unless otherwise specified by the State. The State reserves the right to reject all nonconforming goods, and to cause their return for credit or replacement, at the State's option.

- a) Failure by the state to discover latent defect(s) or concealed damage or non-conformance shall not foreclose the State's right to subsequently reject the goods in question.
- b) Formal or informal acceptance by the State of non-conforming goods shall not constitute a precedent for successive receipts or procurements.

Where the vendor fails to cure the defect promptly or replace the goods, the State reserves the right to cancel the Release, contract with a different vendor, and to invoice the original vendor for any differential in price over the original contract price.

ORDER AUTHORIZATION AND RELEASE AGAINST PRICING AGREEMENT

In no event shall the Vendor deliver goods or provide service until such time as a duly authorized release document is certified by the ordering Agency.

State Agencies shall request release as follows: All releases shall reference the Price Agreement number, the Contract Issue number, the item(s) covered, and the unit pricing in the same format as described herein.

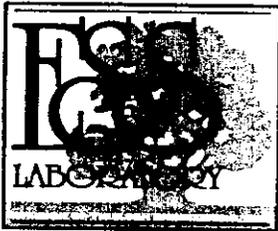
A Department Purchase Order (DPO) listing the items ordered shall be created by the agency. The agency may mail or fax a copy of the order to the Vendor. In some cases the agency may request delivery by telephone, but must provide the Vendor with a DPO Order Number reference for billing purposes. Vendors are encouraged to require written orders to assure payments are processed accurately and promptly.

DELIVERY If this is an MPA, Vendor will obtain "ship to" information from each participating agency. This information will be contained in the DPO. APA delivery information will be contained in the Notice of Award.

PRICING - All pricing shall be as described herein, and is considered to be fixed and firm for the term of the Agreement, unless specifically noted to the contrary herein. All prices include prepaid freight. Freight, taxes, surcharges, or other additional charges will not be honored unless reflected herein.

INVOICING All invoices shall reference the DPO Order Number(s), Price Agreement number, the Contract Issue number, the item(s) covered, and the unit pricing in the same format as described herein. If this is an MPA, Vendor will obtain "bill to" information from each participating agency. This information will be contained in the DPO. APA billing information will be contained in the Notice of Award.

PAYMENT - Invoices for items not received, not priced according to contract or for work not yet performed will not be honored. No payment will be processed to any vendor for whom there is no IRS W-9 on file with the State Controller.



ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910

BID/RFP# 7548926 – Analytical Laboratory Services (MPA-48)

Location: 185 Frances Avenue
Cranston, RI 02901
Less than 1 mile from Providence, RI

Courier Service: Available Monday through Friday from 8:00 AM until 5:00 PM and extended hours are available by appointment. ESS Laboratory would appreciate one day's notice to arrange either sample pickups or sample drop-offs but understand that this is not always an option and will respond within 2 hours during normal business hours.

Certification: ESS Laboratory, Division of Thielsch Engineering, Inc., is certified by the RIDOH for potable and non-portable water and through NHDH, NELAP, and A2LA for Solid Waste (Copies Included)

Business Hours: Monday through Friday from 7:00 AM until 9:00 PM and Saturday from 9:00 AM until 3:00 PM.

Emergency Sampling Receipt: During non-operating hours, we can be contacted via our automated answering service or by contacting Kevin Braga at 401-578-2036.

Chain of Custody Procedure: Chain of Custody forms are pre-printed and available in various formats such as Excel, Word, PDF, and fillable PDF.

Secured Storage: ESS Laboratory can offer secured storage within the facility. Please see page 6 of proposal for fee.

Special Analysis: Any special analysis are billed at a total cost plus 15%.

Sample Containers: Sample bottles are provided at no cost provided that they are returned to the laboratory with material requiring analytical testing otherwise the containers will be billed at cost plus 15%.

Matrix Spike Analysis: Matrix Analyses are performed at a frequency of one out of every twenty samples. Clients that request a matrix spike or matrix spike duplicate on their samples will be billed for each analysis provided.

Subcontracting: ESS Laboratory completes a Chain of Custody using our unique identifying nomenclature and forwards the samples to a subcontracted laboratory either by common carrier, ESS Laboratory personnel or by subcontractor personnel. During transportation, samples are packaged with ice. ESS Laboratory requires all of its subcontractors to be certified by the RIDOH for the analysis requested if certification is available.

Electronic Deliverables: ESS Laboratory can provide EQuis deliverable at no additional cost.

**ESS Laboratory Price 10/1/14 thru 9/30/13
Prepared for RIDEM BID 7548926**

ESS Laboratory (ESS) is proud of the reputation we have established for legally defensible, accurate and precise analytical information. Our comprehensive QA/QC program meets, and often exceeds, the strict requirements established by the EPA and state agencies.

- US Army Corps of Engineers (A2LA)
- Connecticut: PH-0750
- Maine: RI002
- US EPA: RI00002
- Massachusetts
- New Hampshire: 2424
- New Jersey (NELAP) RI0006
- Navy Installation Restoration Program
- New York (NELAP): 11313
- Pennsylvania: 68-01752
- Rhode Island: RI002-179
- A2LA: 2864.01

For detailed information on our facilities and personnel, please request a copy of our Qualifications Statement.

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Accelerated Service

Our list price is based on a turnaround of ten working days. Accelerated service requests should be pre-arranged. Requests for accelerated service without pre-arrangement will be handled as accelerated samples, but no guarantees will be made as to length of turnaround time. For accelerated service or to obtain assistance of any kind, please contact one of the following members of our staff at 401-461-7181. In the case of an emergency after office hours, please page 401-578-2036.

Laurel Stoddard
Kevin Braga

Laboratory Director
Senior Account Manager

Accelerated service is priced according to the following schedule:

Within 1 working day:	150% surcharge	Within 4 working days:	50% surcharge
Within 2 working days:	100% surcharge	Within 5 working days:	25% surcharge
Within 3 working days:	75% surcharge		

Project Pricing

Please contact either Laurel Stoddard or Kevin Braga for project specific pricing and deliverables.

Limits of Liability

Electronic deliverables are a convenience we offer to our customers. However, only the original signed hard copy of the Certificate of Analysis pages can be considered true, valid and legally defensible. All results provided by ESS Laboratory are strictly for the use of its clients. We accept no legal responsibility for the manner in which our client or third party utilize the test results. All results should be considered in their entirety. ESS Laboratory is in no way responsible for the separation, detachment or other use of any portion of the results. In the case of error in the testing procedure, ESS Laboratory is only liable for the cost of the re-analysis of the sample(s)

ESS Laboratory Price List 10/1/14 thru 9/30/18
Prepared for: RIDEM BID 7548926

METAL ANALYSES

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
Sample Preparation (per sample)		
Metals digestion	3005A/3050B	\$ 8
Filtration (Dissolved Metals)	3005A	15
Compositing		20
Analysis (per element)		
Inductively-Coupled Argon Plasma (ICP)	200.7/6010C	8
Inductively-Coupled Argon Plasma with MS (ICP-MS)	6020A	12
Graphite Furnace (HGA)	200/7000 series	14
Mercury (CV)	245.1/7470A/7471A	24

Multi Element Packages

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
RCRA 8 Metals (ICP)	6010C/7470A/7471A	\$ 75
Priority Pollutant 13 Metals (ICP)	6010C/7470A/7471A	110
Target Analyte List (TAL 23 Metals) (ICP)	6010C/7470A/7471A	158

HAZARDOUS WASTE (RCRA) ANALYSES

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
Toxicity Characteristic Leaching Procedure or Synthetic Precipitation Leaching Procedure		
Extraction for Metals, SVOA, Pesticides & Herbicides	1311/1312	\$ 40
Metals Fraction (RCRA 8) w/TCLP Extraction	6010C/7470A	115
Semi-Volatile Fraction w/TCLP Extraction	8270D	215
Pesticide Fraction w/TCLP Extraction	8081B	105
Herbicide Fraction w/ TCLP Extraction	8151A	215
Volatile Fraction Including Extraction	8260B/1311	125
Ignitability/Flashpoint - Closed Cup	1010	\$ 28
Corrosivity (pH)	9045C	12
Paint Filter Liquids Test	9095A	16
Reactivity		
Quantification of released cyanide	7.3.3.2	\$ 28
Quantification of released sulfide	7.3.4.1	28
Combined		50

**Subcontracted analyses up to fifteen working day turn around time*

*** Indicates samples will be run by GC/MS*

ESS Laboratory Price List 10/1/14 thru 9/30/18
Prepared for: RIDEM BID 7548926

ORGANIC ANALYSES

Volatile Organics (VOA)

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
Volatile Organics (Methanol or Sodium Bisulfate Preservation)	5035/8260B	\$ 75
Volatile Organics by GC/MS	624/8260B	75
With Oxygenates (New Hampshire)	624/8260B	36
Tentatively Identified Compounds	8260B/624/524.2	30
Volatile Organics	601&602/8021B**	75
Volatile Halocarbons	601/8021B**	55
Volatile Aromatics	602/8021B**	55
BTEX Compounds With MTBE	602/8021B**	50
Volatile Organics in Drinking Water	524.2	75
EDB	504.1/8011	70
TBA	8260B/624/524.2	50
Trihalomethane (THMs)	524.2	75
Alcohol Scan	GC/MS	75

Extractable Organics

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
Semi-Volatile Organics	625/8270D	\$ 175
Tentatively Identified Compounds	8270D	50
Semi-Volatile Organics w/ PAH SIMS	625/8270D	215
1,4 Dioxane (MRL <0.3 ug/L)	8270D	85
Phthalate Esters	625/8270D	100
Polynuclear Aromatic Hydrocarbons (PAHs)	8270D	90
Phenols	8270D	125
Pesticides	608/8081B	75
Pesticides & PCB	608	125
PCBs	608/8082A	60
PCBs	3540/8082A	65
PCBs (Oil Matrix Only)	8082A	50
PCB Wipes	3540/8082A	60
Chlorinated Herbicides (non MCP)	8151A	225
Haloacetic Acids	552.2	100
Glycol	ASTM E 202 M	85

PETROLEUM HYDROCARBON ANALYSES

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
Total Petroleum Hydrocarbon-GC/FID	8100M	\$ 65
Hydrocarbon Fingerprinting (ID/Quant)	8100M	85
Extractable Petroleum Hydrocarbons (ETPH)	CT-3/99	65
Gasoline Range Organics (GRO)	5030B/8015B	75
Diesel Range Organics (DRO)	3510C/3550B/8015B	65
MASS VPH (target VOA Reported)	MASS DEP-04-1.1	100
MASS EPH (no PAHs)	MASS DEP-04-1.1	120
MASS EPH with PAHs**	MASS DEP-04-1.1	200
MASS EPH with PAHs (SIMS-GW1)**	MASS DEP-04-1.1	240
MASS EPH (Extraction Only)	MASS DEP-04-1.1	80

****Subcontracted analyses up to fifteen working day turn around time***

ESS Laboratory Price List 10/1/14 thru 9/30/18
Prepared for: RIDEM BID 7548926

INORGANIC AND WET CHEMISTRY ANALYSES

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
Acidity	2310 B	\$ 14
Alkalinity	2320 B	14
Ammonia Nitrogen	350.1/4500NH3-G,D	26
Biochemical Oxygen Demand (BOD)	5210B	32
Chemical Oxygen Demand	410.45220D/Hack 8000	26
Chloride	300.0/4500CL-E/9250	16
Chlorine, Residual	4500-Cl-D, G	16
Chromium, Hexavalent - Liquid	3500-Cr B/7196A	21
Chromium, Hexavalent - Solid	7196 A	45
Conductivity (Specific Conductance)	120.1/2510B/9050A	14
Cyanide, Total	335.4/4500CN-C,E/4500CN-C,I/9012/9014	45
Cyanide, Free	4500CN-E (No distillation)	35
Cyanide, Amenable	9014/4500CN-C,G	44
Physiologically Available Cyanide	MA DEP Method	55
Fluoride	300.0	24
Formaldehyde	8315	185
Hardness, Total	200.7/6010 B	21
Nitrogen, Nitrate	353.2	15
Nitrogen, Nitrite	353.2/4500NO2 B	15
Nitrogen, Nitrate/Nitrite	353.2	15
Oil and Grease - Hexane Extraction	1664A	68
Perchlorate	331*	185
pH	4500 H+ B/9040B/9040C	8
Phenols	420.1/9065	35
Phosphate, Dissolved	365.3/365.4	36
Phosphate, Ortho	365.3/365.1	18
Phosphate, Total	365.3/365.1	20
Phosphate, Total (Low Level)	365.3/365.1	24
Salinity	2520 B	15
Solids: Dissolved (TDS)	2540 C	16
Suspended (TSS)	2540 D	16
Total (TS)	2540 B	16
Volatile (TVS)	2540 E	16
Settleable (SS)	2540 F	16
Specific Gravity	2710 F	12
Sulfate	300.0/4500S04-E/9038/9056A	16
Sulfide - Liquid	4500S2-D	16
Surfactant (MBAS)	425.1*	75
Total Kjeldahl Nitrogen	351.2	36
Total Organic Carbon (TOC) - Liquid	5310B/9060A	45
Total Organic Carbon (TOC) - Solid	9060*	95
Total Organic Halide (TOX) - Liquid	5320/9020*	95
Total Organic Halide (TOX) - Solid	9020B*	95
Turbidity	180.1	16
Additional Analyses Available		Total Cost plus 15%

****Subcontracted analyses up to fifteen working day turn around time.***

ESS Laboratory Price List 10/1/14 thru 9/30/18
Prepared for: RIDEM BID 7548926

SAMPLE PREPARATION

<u>Parameter</u>	<u>Price</u>
Sample Reduction	\$ 25
Sample Compositing (soil)	25
Compositing (time based)	30
Compositing (flow based)	45
Filtration	14
Soil Extraction - DI Water Leach	8

BACTERIOLOGY

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
C. Perfringens	600/95R/030	\$ 80
Coliphage MS	1602	115
Colisure	Varies	21
E. Coli	9222G/9221F	28
Enterococcus	M-1600/IDEXX Enteroler	32
Fecal Coliform	9213D/9221E/922D	28
Heterotrophic Plate Count	9215B	21
IRB - Bart	BART	25
Legionella	Legionella	115
Salmonella	625R92	72
Total Coliform	9221B/9222B	21
Mold - Total Spore Count		35
Mold Site Investigation		125/hr
Mold Swab Test		35

PHYSICAL TESTING

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
Moisture Content	ASTM D 2216	\$ 15
Atterberg Limits		
Plasticity Index	ASTM D 4318	85
Specific Gravity	ASTM D 854	85
Particle-Size Analysis (Jar sample)		
Sieve and Hydrometer Analysis (cohesive soils)	ASTM D 422	155
Sieve only - through No. 200 (granular soils)	ASTM D 1140	85
Modified Proctor	ASTM D1557	165
Organics Content	ASTM D-2974	55
Permenability - Grandular Soil	ASTM D-2434	245
Permenability - Falling Head	ASTM-D5084	350

SPECIALTY ANALYSES

<u>Parameter</u>	<u>Method</u>	<u>Price</u>
Siloxanes (D3, D4, D5, MM) in methanol	GC/MS	\$ 225
Air Analysis	TO-15*	250
Air Analysis	TO-17*	250
Asbestos by PLM Bulk by EPA600/R-93/116 *		15
Asbestos by PLM Wipes by EPA 600*		15
Asbestos by PLM Point Count EPA 600*		25
Asbestos by PCM NIOSH 7400*		15
Asbestos by TEM Chatfield*		45
Asbestos by TEM Qualitative*		35
Dioxin	1613/8290*	700

****Subcontracted analyses up to fifteen working day turn around time***

ESS Laboratory Price List 10/1/14 thru 9/30/18
Prepared for: RIDEM BID 7548926

EQUIPMENT RENTAL

<u>Parameter</u>	<u>Price</u>
Hnu Photo Ionizer	\$ 100/day
Isco Sampler	100/day

MISCELLANEOUS REPORTS

<u>Parameter</u>	<u>Price</u>
Full CLP Like Data Package - Requested Prior to Receipt of Samples	10%
Full CLP Like Data Package - Requested After Receipt of Samples	25%
Revised Reports	\$ 55
MWRA Smart Reports	\$ 25
Replacement Reports	25
Copies of Chromatograms-each	25
Data Packages	Project Specific
Sampling Technician (Portal to Portal)	65/hr

Sample Containers and Supplied for which samples will not be returned to ESS Laboratory are billed at cost plus 15%

Samples received "on-hold" will be billed \$4 per month per samples plus \$5 for disposal if the sample are never analyzed by the laboratory

Samples received for secured dedicated storage will incur a one time storage fee of \$200.00 per project.

****Subcontracted analyses up to fifteen working day turn around time***



**State of Rhode Island and Providence Plantations
DEPARTMENT OF HEALTH**

Certifies

LA100179

**ESS LABORATORY
185 FRANCES AVENUE
CRANSTON RI 02910
Laboratory Director: LAUREL STODDARD**

for the analysis of: Potable Water Organic Chemistry - Potable Water Inorganic Chemistry - Non-potable Water Organic Chemistry - Non-potable Water Inorganic Chemistry -

This certification, pursuant to Rhode Island General Laws 23-16.2 supersedes, all previous Rhode Island certificates issued to this laboratory. Certification is no guarantee of the reliability of the laboratory results.

This certificate is valid only when accompanied by the latest dated Appendix which lists the analytes and methods for which certification has been granted. Contact the Laboratory Certification Officer to verify the current certification status of this laboratory.

**Michael Fine, MD
Director of Health**

Expires: 12/30/2014

THIS CERTIFICATE IS TO BE CONSPICUOUSLY DISPLAYED AT THE LABORATORY IN A LOCATION VISABLE TO THE PUBLIC