

## Notice of Contract Purchase Agreement



**State Of Rhode Island and Providence Plantations**  
**Department of Administration**  
**Division of Purchases**  
**One Capitol Hill**  
**Providence, RI 02908-5860**

<b>V E N D O R</b>	<b>EA ENGINEERING SCIENCE &amp; TECH INC</b> <b>2374 POST RD</b> <b>WARWICK, RI 02886</b> <b>United States</b>
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<b>S H I P  T O</b>	<b>MASTER PRICE AGREEMENT</b> <b>SEE BELOW</b> <b>RELEASE AGAINST, RI MPA</b> <b>United States</b>
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<b>FIELD SERVICES AND SUPPORT FOR ENVIRONMENTAL ASSESSMENT-MPA-380</b>	
Award Number	<b>3233746</b>
Revision Number	<b>4</b>
Effective Period	<b>01-JUL-2011 - 30-SEP-2016</b>
Approved PO Date	<b>22-JUN-2016</b>
Vendor Number	<b>15174-iSupplier</b>

Type of Requisition	<b>*OTHER</b>
Requisition Number	
Change Order Requisition Number	
Solicitation Number	<b>7448348</b>
Freight	<b>Paid</b>
Payment Terms	<b>NET 30</b>
Buyer	<b>Cadoret, David</b>
Requester Name	-
Work Telephone	

This Purchase Order is issued pursuant to and in accordance with the terms and conditions of the solicitation and applicable federal, state, and local law, including the State of Rhode Island's purchasing regulations, available at [www.purchasing.ri.gov](http://www.purchasing.ri.gov).

CHANGE TO PO #3233746

CHANGE EFFECTIVE PERIOD:  
 FROM: 7/1/11 - 6/30/16  
 TO: 7/1/11 - 9/30/16

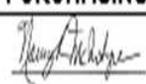
TO ALLOW FOR NEW BID AND AWARD PROCESS.

CONTACT NAME: SAMUEL WHITIN  
 TEL: (401) 287-0375  
 CELL: (401) 465-2549

### INVOICE TO

The State of Rhode Island accepts electronic invoices via its supplier portal. To register and submit electronic invoices, visit the supplier portal at <http://controller.admin.ri.gov/iSupplier/isup/index.php>

To submit paper invoices, mail to: Department of Administration Controller, One Capitol Hill, 4th Floor, Providence 02908.

<b>STATE PURCHASING AGENT</b>
 Nancy R. McIntyre

**Contract Terms and Conditions**

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## **Terms and Conditions**

### **PURCHASE ORDER STANDARD TERMS AND CONDITIONS**

#### **TERMS AND CONDITIONS FOR THIS PURCHASE ORDER**

##### **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).

##### **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 "BILL 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**

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# RI Purchase Agreement Amendment Report

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

EA ENGINEERING SCIENCE & TECH INC  
 2350 POST RD  
 WARWICK, RI 02886  
 United States

Amendment Date: 01-MAY-15  
 Original Award Date: 13-JUN-11  
 Buyer: D Cadoret  
 Phone #:  
 FOB: Destination  
 Terms: NET 30  
 Vendor # 15174

<b>S H I P T O</b>	MASTER PRICE AGREEMENT SEE BELOW RELEASE AGAINST, RI MPA United States	Change Order Number 3 Award Number <b>3233746</b> Effective Period <b>01-JUL-11 - 30-JUN-16</b>	<b>I N V O I C E</b>	MASTER PRICE AGREEMENT SEE BELOW RELEASE AGAINST, RI MPA United States
	FIELD SERVICES AND SUPPORT FOR ENVIRONMENTAL ASSESSMENT- MPA-380			

Description			Bid Number	Change Order Req#	
<b>FIELD SERVICES AND SUPPORT FOR ENVIRONMENTAL ASSESSMENT- MPA-380</b>					
Line #	Code	Class-Item	Quantity	Unit	Unit Price
		CHANGE TO PO #3233746  CHANGE EFFECTIVE PERIOD: FROM: 7/1/11 - 6/30/15 TO: 7/1/11 - 6/30/16  STATE IS EXERCISING ITS SECOND OF 2, ONE-YEAR RENEWAL TERMS AS PER BID SOLICITATION.  CONTACT NAME: SAMUEL WHITIN TEL: (401) 287-0375 CELL: (401) 465-2549			

<b>STATE PURCHASING AGENT</b>
Nancy R. McIntyre



# RI Purchase Agreement Amendment Report

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

EA ENGINEERING SCIENCE & TECH INC  
 2350 POST RD  
 WARWICK, RI 02886  
 United States

Amendment Date: 22-JUL-14  
 Original Award Date: 13-JUN-11  
 Buyer: D Cadoret  
 Phone #:  
 FOB: Destination  
 Terms: NET 30  
 Vendor # 15174

S H I P T O	MASTER PRICE AGREEMENT SEE BELOW RELEASE AGAINST, RI MPA United States	Change Order Number 2 Award Number <b>3233746</b> Effective Period 01-JUL-11 - 30-JUN-15	I N V O I C E	MASTER PRICE AGREEMENT SEE BELOW RELEASE AGAINST, RI MPA United States
	FIELD SERVICES AND SUPPORT FOR ENVIRONMENTAL ASSESSMENT- MPA-380			

Description	Bid Number	Change Order Req#
FIELD SERVICES AND SUPPORT FOR ENVIRONMENTAL ASSESSMENT- MPA-380		

Line #	Code	Class-Item	Quantity	Unit	Unit Price
		CHANGE TO PO #3233746  CHANGE EFFECTIVE PERIOD: FROM: 7/1/11 - 6/30/14 TO: 7/1/11 - 6/30/15  STATE IS EXERCISING ITS FIRST OF 2, ONE-YEAR RENEWAL TERMS AS PER BID SOLICITATION.  CONTACT NAME: SAMUEL WHITIN TEL: (401) 287-0375 CELL: (401) 465-2549 E-MAIL: swhitin@eaest.com			

STATE PURCHASING AGENT  
  
 Lorraine A. Hynes



# Notice of Contract Purchase Agreement

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

EA ENGINEERING SCIENCE & TECH INC  
2350 POST RD  
WARWICK, RI 02886  
United States

FIELD SERVICES AND SUPPORT FOR ENVIRONMENTAL ASSESSMENT-MPA #380	
<b>Award Number</b> 3233746	<b>Effective Period:</b> 01-JUL-11 - 30-JUN-14

<b>S H I P  T O</b>	MASTER PRICE AGREEMENT SEE BELOW RELEASE AGAINST,RI MPA United States
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<b>Date:</b> 13-JUN-11
<b>Buyer:</b> D Cadoret
<b>Shipping:</b> Paid
<b>Terms:</b> NET 30
<b>Vendor#:</b> 15174

<b>I N V O I C E</b>	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	

AGENCY CONTACT:  
JAMES BALL  
401-222-1360  
X7129

SEE ATTACHED SPECIFICATIONS

<b>STATE PURCHASING AGENT</b>
Lorraine A. Hynes

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](http://www.purchasing.ri.gov). Delivery of goods or services as described herein shall be deemed acceptance of these requirements

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## Cost Proposal Summary

Activity 2: General Contractor Readiness

### A. Personnel Cost

<u>Name/Title</u>	<u>Task/Hours</u>	<u>Hr Rate</u>	<u>Total</u>
1 <u>Richard C. Hittinger</u>	<u>Project Management/Readiness</u>	<u>\$178.20</u>	<u>\$178.20</u>
2 <u>Jacob Butterworth</u>	<u>Initial Response</u>	<u>116.60</u>	<u>116.60</u>
3 <u>Peter E. Rooks</u>	<u>Initial Response</u>	<u>93.50</u>	<u>93.50</u>
Subtotal:			<u>\$388.30</u>

### B. Equipment/Materials

	<u>Costs</u>	<u>Total</u>
1 <u>Digital Camera</u>	<u>\$17.00</u>	<u>\$17.00</u>
2 <u>GPS</u>	<u>127.20</u>	<u>127.20</u>
3 <u>Ponar Dredge Sampler</u>	<u>31.80</u>	<u>31.80</u>
Subtotal:		<u>\$176.00</u>

### C. Travel

	<u>Costs</u>	<u>Total</u>
1 <u>Truck</u>	<u>\$84.42</u>	<u>\$84.42</u>
2 <u>Boat (hourly)</u>	<u>200.00</u>	<u>200.00</u>
3 _____	_____	<u>0.00</u>
Subtotal:		<u>\$284.42</u>

### D. Other Expenses

	<u>Costs</u>	<u>Total</u>
1 _____	_____	<u>\$0.00</u>
2 _____	_____	<u>0</u>
3 _____	_____	<u>0</u>
Subtotal:		<u>\$0.00</u>

**Total\*:** \$848.72

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity

## Cost Proposal Summary

### Activity 3: Field Support for Preliminary Assessment of Environmental Injury

#### A. Personnel Cost

	Name/Title	Task/Hours	Hr. Rate	Total
1	Heidi J. Clark, Ph.D.	Field Sampling Team Leader	\$143.00	\$143.00
2	Chase Bernier	Wetland Investigation	67.31	67.31
3	Daniel J. Rogers	Biota Sampling	88.00	88.00
Subtotal:				\$298.31

#### B. Equipment/Materials

		Costs	Total
1	Digital Camera	\$17.00	\$17.00
2	GPS	127.20	127.20
3	Ponar Dredge Sampler	31.80	31.80
Subtotal:			\$176.00

#### C. Travel

		Costs	Total
1	Truck	\$84.42	\$84.42
2	Boat (hourly)	200.00	200.00
3			0.00
Subtotal:			\$284.42

#### D. Other Expenses

		Costs	Total
1			\$0.00
2			0
3			0
Subtotal:			\$0.00
<b>Total*:</b>			<b>\$758.73</b>

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.

## Cost Proposal Summary

Activity 3a: Emergency Response and Preliminary Assessment

### A. Personnel Cost

	Name/Title	Task/Hours	Hr. Rate	Total
1	Heidi J. Clark, Ph.D.	Field Sampling Team Leader	\$143.00	\$143.00
2	Christine Papageorgis, Ph.D., AICP	Fate and Transport Modeling	200.00	200.00
3	Frank B. Postma, LSP, LEP, PG	Meetings/Funding Requests	156.80	156.80
Subtotal:				\$499.80

### B. Equipment/Materials

		Costs	Total
1	Reproduction (per page)	\$0.07	\$0.07
2	Binder	7.58	7.58
3	Full Size Prints (per sheet)	15.24	15.24
Subtotal:			\$22.89

### C Travel

		Costs	Total
1	Truck	\$84.42	\$84.42
2			0.00
3			0.00
Subtotal:			\$84.42

### D. Other Expenses

		Costs	Total
1			\$0.00
2			0
3			0
Subtotal:			\$0.00

**Total\*:** \$607.11

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.

## Cost Proposal Summary

Activity 4: Environmental Sampling

### A. Personnel Cost

	Name/Title	Task/Hours	Hr. Rate	Total
1	Heidi J. Clark, Ph.D.	Field Sampling Team Leader	\$143.00	\$143.00
2	Louis Garcia	GIS Modeling	157.11	157.11
3	Chase Bernier	Environmental Sampling	67.31	67.31
Subtotal:				\$367.42

### B. Equipment/Materials

	Costs	Total
1	Reproduction (per page)	\$0.07
2	Binder	7.58
3	Full Size Prints (per sheet)	15.24
Subtotal:		\$22.89

### C. Travel

	Costs	Total
1	Truck	\$84.42
2		0.00
3		0.00
Subtotal:		\$84.42

### D. Other Expenses

	Costs	Total
1		\$0.00
2		0
3		0
Subtotal:		\$0.00

**Total\*:** \$474.73

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.

## Cost Proposal Summary

### Activity 4a: Modeling Services

#### A. Personnel Cost

	Name/Title	Task/Hours	Hr. Rate	Total
1	Heidi J. Clark, Ph.D.	Fate and Transport Modeling	\$118.86	\$118.86
2	Louis Garcia	GIS Modeling	157.11	157.11
3	Christine Papageorgis, Ph.D., AICP	Biological Risk Assessment	200.00	200.00
Subtotal:				\$475.97

#### B. Equipment/Materials

		Costs	Total
1	Reproduction (per page)	\$0.07	\$0.07
2	Binder	7.58	7.58
3	Full Size Prints (per sheet)	15.24	15.24
Subtotal:			\$22.89

#### C. Travel

		Costs	Total
1			\$0.00
2			0.00
3			0.00
Subtotal:			\$0.00

#### D. Other Expenses

		Costs	Total
1			\$0.00
2			0
3			0
Subtotal:			\$0.00

**Total\*:** \$498.86

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.

### Cost Proposal Summary

Activity 5: Risk, Impact, and Injury Assessment

**A. Personnel Cost**

	Name/Title	Task/Hours	Hr. Rate	Total
1	Frank B. Postma, LSP, LEP, PG	Strategy Development	\$156.80	\$156.80
2	Heidi J. Clark, Ph.D.	Fate and Transort	143.00	143.00
3	Christine Papageorgis, Ph.D., AICP	Biological Risk Assessment	200.00	200.00
Subtotal:				\$499.80

**B. Equipment/Materials**

		Costs	Total
1	Reproduction (per page)	\$0.07	\$0.07
2	Binder	7.58	7.58
3	Full Size Prints (per sheet)	15.24	15.24
Subtotal:			\$22.89

**C. Travel**

		Costs	Total
1			\$0.00
2			0.00
3			0.00
Subtotal:			\$0.00

**D. Other Expenses**

		Costs	Total
1			\$0.00
2			0
3			0
Subtotal:			\$0.00

**Total\*:** \$522.69

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.

## Cost Proposal Summary

Activity 6: Remediation and Restoration Planning

### A. Personnel Cost

	Name/Title	Task/Hours	Hr. Rate	Total
1	Frank B. Postma, LSP, LEP, PG	Alternatives Analysis	156.80	156.80
2	Heidi J. Clark, Ph.D.	Restoration Planning	143.00	143.00
3	Thomas Cook, PE	Restoration Design	\$157.11	\$157.11
Subtotal:				\$157.11

### B. Equipment/Materials

		Costs	Total
1	Reproduction (per page)	\$0.07	\$0.07
2	Binder	7.58	7.58
3	Full Size Prints (per sheet)	15.24	15.24
Subtotal:			\$22.89

### C. Travel

		Costs	Total
1			\$0.00
2			0.00
3			0.00
Subtotal:			\$0.00

### D. Other Expenses

		Costs	Total
1			\$0.00
2			0
3			0
Subtotal:			\$0.00

**Total\*:** \$180.00

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.

## Cost Proposal Summary

### Activity 7: Long Term Monitoring

#### A. Personnel Cost

	Name/Title	Task/Hours	Hr. Rate	Total
1	Heidi J. Clark, Ph.D.	Sediment/Hydrological Monitoring	\$118.86	\$118.86
2	Jacob Butterworth	Environmental Sampling	116.60	116.60
3	Chase Bernier	Wetland Evaluation	67.31	67.31
Subtotal:				\$302.77

#### B. Equipment/Materials

		Costs	Total
1	Reproduction (per page)	\$0.07	\$0.07
2	Binder	7.58	7.58
3	Full Size Prints (per sheet)	15.24	15.24
Subtotal:			\$22.89

#### C. Travel

		Costs	Total
1			\$0.00
2			0.00
3			0.00
Subtotal:			\$0.00

#### D. Other Expenses

		Costs	Total
1			\$0.00
2			0
3			0
Subtotal:			\$0.00

**Total\*:** \$325.66

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.

## Cost Proposal Summary

Activity 8: Management and Administration

### A. Personnel Cost

	Name/Title	Task/Hours	Hr. Rate	Total
1	Samuel Whitin	Project Management	\$118.86	\$118.86
2	Jacob Butterworth	Project Mangement (AEG)	116.60	116.60
3	Heidi J. Clark, Ph.D.	Project Management (WHG)	143.00	143.00
Subtotal:				\$378.46

### B. Equipment/Materials

		Costs	Total
1	Reproduction (per page)	\$0.07	\$0.07
2	Binder	7.58	7.58
3	Full Size Prints (per sheet)	15.24	15.24
Subtotal:			\$22.89

### C. Travel

		Costs	Total
1			\$0.00
2			0.00
3			0.00
Subtotal:			\$0.00

### D Other Expenses

		Costs	Total
1			\$0.00
2			0
3			0
Subtotal:			\$0.00

**Total\*:** \$401.35

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.

## Cost Proposal Summary

Activity 9: Improved Methods and Data Sets

### A. Personnel Cost

	Name/Title	Task/Hours	Hr. Rate	Total
1	Peter Garger, CIH, CSP	Emergency Contingency Planning	\$147.45	\$147.45
2	Louis Garcia	GIS Utilization	157.11	157.11
3	Christine Papageorgis, Ph.D., AICP	Fate and Transport	200.00	200.00
			Subtotal:	\$504.56

### B. Equipment/Materials

		Costs	Total
1	Reproduction (per page)	\$0.07	\$0.07
2	Binder	7.58	7.58
3	Full Size Prints (per sheet)	15.24	15.24
		Subtotal:	\$22.89

### C. Travel

		Costs	Total
1			\$0.00
2			0.00
3			0.00
		Subtotal:	\$0.00

### D. Other Expenses

		Costs	Total
1			\$0.00
2			0
3			0
		Subtotal:	\$0.00

**Total\*:** \$527.45

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.

## Cost Proposal Summary

Activity 10: Litigation Support

### A. Personnel Cost

	Name/Title	Task/Hours	Hr. Rate	Total
1	Frank B. Postma, LSP, LEP, PG	Litigation Support	\$156.80	\$156.80
2	Richard C. Hittinger	Litigation Support	178.20	178.20
3	Christine Papageorgis, Ph.D., AICP	Litigation Support	200.00	200.00
Subtotal:				\$535.00

### B. Equipment/Materials

	Costs	Total
1	Reproduction (per page)	\$0.07
2	Binder	7.58
3	Full Size Prints (per sheet)	15.24
Subtotal:		\$22.89

### C. Travel

	Costs	Total
1		\$0.00
2		0.00
3		0.00
Subtotal:		\$0.00

### D. Other Expenses

	Costs	Total
1		\$0.00
2		0
3		0
Subtotal:		\$0.00

**Total\*:** \$557.89

\*Please see attachments for additional labor rates, and equipment and laboratory costs that may be associated with this activity.



## ESS 2011 Pricing for EA Engineering

<b>Volatiles Organics by GC/MS</b>		
* Volatiles by 8260B / 624		80.00
* Volatiles by 8260 report BTEX only		45.00
* Volatiles Aromatics by 8260B		45.00
* Volatiles Halocarbons by 8260B		45.00
* Volatile Petroleum Hydrocarbons + Targets (VPH)		78.00
* Gasoline Range Organics (GRO) by 8015M		55.00
<b>Semi-Volatile Organics by GC/MS</b>		
* Semi-Volatiles by 625 / 8270C		200.00
* Acid Extractables by 625 / 8270C		110.00
* Base/Neutrals by 625 / 8270C		125.00
* Polynuclear Aromatic Hydrocarbons (PAH) by 625 / 8270C		90.00
<b>Semi-Volatile Organics by GC</b>		
* PCB's 3541/8082		60.00
* PCB's 3546/8082		55.00
* Pesticides by 608 / 8081A		68.00
* Herbicides by 6640B / 8151A		275.00
* TPH Fingerprint by 8015M		65.00
* Diesel Range Organics (DRO) by 8015M		65.00
* Extractable Petroleum Hydrocarbons no Targets (EPH)		115.00
* Extractable Petroleum Hydrocarbons plus PAHs (EPH+PAHs)		135.00
* Extractable Petroleum Hydrocarbons plus SIM PAHs (EPH+SIM PAHs)		165.00
* Connecticut ETPH		60.00
<b>Metals</b>		
* ICP Metals by 200.7/ 6010 / 200.8/ 6010B		7.00
* Graphite Furnace AA Metals by 200 / 7000A series		12.00
* Digestion Fee		6.00
* Mercury - Cold Vapor by 245.1 / 7470A / 7471A		18.00
* RCRA ( 8 ) Heavy Metals		65.00
* Priority Pollutant (13) Metals		110.00
<b>Microbiology</b>		
* Total Coliforms (MF) by SM-9222B 19th		30.00
* Fecal Coliforms (MF) by SM-9222D 19th		30.00
* Heterotrophic Plate Count by SM-9215D 19th		30.00

## ESS 2011 Pricing for EA Engineering

<b>General Chemistry</b>		
* Acidity by 305.1		14.00
* Alkalinity by 310.1		14.00
* Ammonia Nitrogen by 350.1		17.00
* Biochemical Oxygen Demand - 5 day (BOD-5) by SM-5210B 19th		25.00
* Biochemical Oxygen Demand - 20 day (BOD-20) by SM-5210B 19th		33.00
* Chemical Oxygen Demand (COD)		25.00
* Chloride by 325.2 / 9250		13.00
* Chlorine - Total Residual by Hach 8121		14.00
* Chromium - Hexavalent (water) by SM 3500-Cr D		18.00
* Chromium - Hexavalent (soil) by SW-846 7196A		31.00
* Conductivity by 120.1		11.00
* Cyanide - Amenable by 335.3		35.00
* Cyanide - Total by 335.3 / 9012A		28.00
* Fluoride by 340.2		20.00
* Hardness - Calculation by SM-2340B 19th		18.00
* Kjeldahl Nitrogen by 351.2		25.00
* Nitrate Nitrogen by 353.2		17.00
* Nitrite Nitrogen by 353.1		11.00
* Oil & Grease by 1664		58.00
* Organic Nitrogen by SM-4500 19th		38.00
* Orthophosphate by 365.1		14.00
* pH by 150.1 / 9040B / 9045C		8.00
* Phenols, Total by 420.1		23.00
* Phosphorus, Total by 365.1		18.00
* Settleable Solids by 160.5		11.00
* Sulfate by 375.4		15.00
* Sulfide by 376.1		13.00
* Total Dissolved Solids (TDS) by 160.1		11.00
* Total Solids (TS) by 160.3		11.00
* Total Suspended Solids (TSS) by 160.2		11.00
* Total Volatile Solids (TVS) by 160.4		15.00
* Total Petroleum Hydrocarbons (TPH) by 1664		65.00
* Total Organic Carbon (TOC) in water by 415.1 / 9060		50.00
* Total Organic Carbon (TOC) in soil by 9060		75.00
* Total Organic Halide (TOX) by 9020B		95.00
* Turbidity by 180.1		13.00

## ESS 2011 Pricing for EA Engineering

<b>TCLP &amp; SPLP</b>	
* TCLP or SPLP Complete (includes extractions and all analyses)	638.00
* TCLP or SPLP Metals (includes extraction and analysis)	90.00
* TCLP or SPLP Volatiles (includes extraction and analysis)	110.00
* TCLP or SPLP Semi-Volatiles (includes extraction and analysis)	225.00
* TCLP or SPLP Pesticides (includes extraction and analysis)	93.00
* TCLP or SPLP Herbicides (includes extraction and analysis)	200.00
TCLP or SPLP Extraction by 1311 / 1312	25.00
* TCLP or SPLP ZHE Extraction by 1311 / 1312	25.00
<b>Waste Characterization</b>	
* Corrosivity by SW-846 9045C	8.00
* Ignitability (Flash Point) by SW-846 1010	20.00
* Paint Filter Test by SW-846 9095A	10.00
* Reactive Cyanide by SW-846 Chapter 7	20.00
* Reactive Sulfide by SW-846 Chapter 7	20.00
* Reactive Cyanide and Reactive Sulfide by SW-846 Chapter 7	36.00

<b>Surcharges for expedited turnaround</b>	
* 5 business days	no charge
* 4 business days	15%
* 3 business days	25%
* 2 business days	50%
* 1 business day	85%

ESS Laboratory is pleased to provide you with our 2011 Price Schedule for analytical services. The analyses will be performed in accordance with the requirements of each individual task order, and is based upon a turnaround time of five (5) business days unless otherwise noted. Our standard Report (results plus QC) including an EDD Data Checker, comparing the test results to the applicable CT MA or RI criteria, will be posted on our web site ([www.esslaboratory.com](http://www.esslaboratory.com)). Project status and on line data access is available at our web site.

To assure a successful completion of a project ESS has assigned Liz Ouk as your Project Manager. This will afford you with a single point of contact to facilitate communications and logistics. Liz can be reached at (401) 461-7181 ext 3090, or [eouk@thielsch.com](mailto:eouk@thielsch.com).

ESS would appreciate the opportunity to quote on larger projects, to ensure EA Engineering is receiving our best possible pricing.