

MANATEE COUNTY GOVERNMENT SOURCE SELECTION

SUBJECT	Supplemental Laboratory Services	DATE POSTED	Date Posted on DemandStar and MyManatee.org, June 25, 2012
PURCHASING REPRESENTATIVE	Bonnie Sietman, 749-3046	DATE CONTRACT SHALL BE AWARDED	June 29, 2012
DEPARTMENT	Utilities, Central and Water Plant QC Laboratories	CONSEQUENCES IF DEFERRED	N/A <i>W. Wallace</i>
SOURCE RECOMMENDATION	Pace Analytical Services and Southern Analytical Lab Serv	AUTHORIZED BY DATE	Dennis Wallace June 25, 2012
ACTION DESIRED			
<p>Authorization to award two (2) blanket orders for supplemental laboratory services "as required" for the Manatee County Water Plant QC Laboratory, section A of RFQ #12-1213BS awarded to Southern Analytical Laboratories located in Oldsmar, Florida in the annual amount not to exceed \$22,471.00. Laboratory services required by Manatee County Central Lab/Industrial Compliance, section B and C (combined) of RFQ #12-1213BS awarded to Pace Analytical Services located in Ormond Beach, Florida in the annual amount not to exceed \$49,595.00. The two blanket orders resulting from this Request for Quotation total \$72,066.00 annually.</p>			
ENABLING/REGULATING AUTHORITY			
<p>Federal/State law(s), administrative ruling(s), Manatee County Comp Plan/Land Development Code, ordinances, resolutions, policy.) Manatee County Code of Law</p>			
BACKGROUND/DISCUSSION			
<ul style="list-style-type: none"> • Manatee County Utilities, Central Laboratory/Industrial Compliance and Manatee County Water Plant Quality Control Laboratory require supplemental laboratory services on an "as required" basis from a certified laboratory. • The County solicited a Request for Quotation from April 27, 2012 through May 18, 2012 with all Request for Quotation procedures followed. 			
SUMMARY	Recommend award to Pace Analytical (Sections B and C) and Southern Analytical (Section A).		
ATTACHMENTS: (List in order as attached)	LIMITED COMPETITION NUMBER:		
• Tabulation			
COST	\$ 62,066.00 annually \$186,198.00 three years	SOURCE (ACCT# & NAME)	<input type="checkbox"/> Funds Verified <input type="checkbox"/> Insufficient Funds
COMMENTS	R050913	AMT./FREQ. OF RECURRING COSTS (ATTACH FISCAL IMPACT STATEMENT)	N/A

SOURCE SELECTION (continued)

June 25, 2012
RFQ #12-1213BS
Supplemental Laboratory Services

Request for quotation #12-1213BS was broadcast to 878 suppliers via Onvia DemandStar, and MyManatee.org, in addition to five (5) supplemental suppliers. Twelve (12) planholders downloaded the quotation.

Four (4) quotations were received:

- Florida Spectrum, Ft. Lauderdale, Florida
- Pace Analytical Services, Ormond Beach, Florida
- Southern Analytical Lab, Oldsmar, Florida
- Test America Lab, Tampa Florida*

*MDL's, equipment list, quality manuals and audit reports were not submitted, therefore, deemed non-responsive.

One (1) no offer was received: ALS Environmental (Columbia)

The award will be made to the responsive, responsible quoter(s) having the lowest total cost quotation (section A, sections B & C combined) for the specified Supplemental Laboratory Services Contract. All quoters shall quote each item to be considered responsive.

Blanket orders will be effective August 1, 2012 through July 31, 2013 with two (2) additional twelve (12) month periods, not to exceed thirty-six (36) months.

**RFO 12-1213BS
SUPPLEMENTAL LABORATORY SERVICES**

SECTION A: TESTS FOR WATER TREATMENT PLANT DRINKING WATER

		Florida Spectrum Ft. Lauderdale, FL		Pace Analytical Services Ormond Beach, FL		SOUTHERN ANALYTICAL LAB Oldsmar, FL		Test America Lab Tampa, FL		
		Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
1. NAME OF TEST: PRIMARY INORGANICS										
A	Asbestos	1	\$ 200.00	200.00	\$100.00	\$100.00	\$200.00	\$200.00	\$85.00	\$85.00
B	Antimony	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
C	Arsenic	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
D	Barium	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
E	Beryllium	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
F	Cadmium	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
G	Chromium	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
H	Cyanide	4	\$ 27.00	108.00	\$8.00	\$32.00	\$20.00	\$80.00	\$20.00	\$80.00
I	Fluoride	4	\$ 10.00	40.00	\$8.00	\$32.00	\$10.00	\$40.00	\$8.00	\$32.00
J	Lead	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
K	Mercury	4	\$ 23.00	92.00	\$8.00	\$32.00	\$15.00	\$60.00	\$6.50	\$26.00
L	Nickel	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
M	Nitrate (as N)	8	\$ 10.00	80.00	\$8.00	\$64.00	\$10.00	\$80.00	\$5.00	\$40.00
N	Nitrite (as N)	8	\$ 10.00	80.00	\$8.00	\$64.00	\$10.00	\$80.00	\$5.00	\$40.00
O	Selenium	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
P	Sodium	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
Q	Thallium	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
2. NAME OF TEST: TOTAL TRIHALOMETHANES										
Bromodiform		Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
Bromodichloromethane		175	\$ 45.00	7875.00	\$24.00	\$4,200.00	\$30.00	\$5,250.00	\$30.00	\$5,250.00
Chloroform		Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
Dibromochloromethane		75	\$ 105.00	7875.00	\$45.00	\$3,375.00	\$50.00	\$3,750.00	\$50.00	\$3,750.00
Dibromoacetic acid		Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
Dibromoacetic acid		75	\$ 105.00	7875.00	\$45.00	\$3,375.00	\$50.00	\$3,750.00	\$50.00	\$3,750.00
Monobromoacetic acid		Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
Trichloroacetic acid		4	\$ 85.00	340.00	\$40.00	\$160.00	\$50.00	\$200.00	\$50.00	\$200.00
3. NAME OF TEST: HALOACETIC ACIDS										
Monochloroacetic acid		Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
Dichloroacetic acid		75	\$ 105.00	7875.00	\$45.00	\$3,375.00	\$50.00	\$3,750.00	\$50.00	\$3,750.00
Monobromoacetic acid		Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
Trichloroacetic acid		4	\$ 85.00	340.00	\$40.00	\$160.00	\$50.00	\$200.00	\$50.00	\$200.00
4. NAME OF TEST: VOLATILE ORGANIC COMPOUNDS										
Contaminant:		Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
Vinyl Chloride		4	\$ 85.00	340.00	\$40.00	\$160.00	\$50.00	\$200.00	\$50.00	\$200.00
Benzene		1,1,1-Trichloroethane								
Carbon Tetrachloride		Cis-1,2-Dichloroethylene								
1,2-Dichloroethane		1,2-Dichloropropane								
Trichloroethylene		Ethylbenzene								
para-Dichlorobenzene		Monochlorobenzene								
1,1-Dichloroethylene		O-Dichlorobenzene								
Toluene		Styrene								
Trans-1,2-Dichloroethylene		Tetrachloroethylene								
Xylenes (Total)		Dichloromethane								
		1,2,4-Trichlorobenzene								
		1,1,2-Trichloroethane								
5A. NAME OF TEST: PESTICIDES / PCBs										
Atrazine		Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
Carbofuran		4	\$ 650.00	2600.00	\$470.00	\$1,880.00	\$350.00	\$1,400.00	\$360.00	\$1,440.00
Chlordane										
Dibromochloropropane										
2,4-D										
Endrin										
Ethylene Dibromide										
Heptachlor										
Heptachlor Epoxide										
Endothall										
Methoxychlor										
Polychlorinated Biphenyl (PCB)										
Pentachlorophenol										
Toxaphene										
2,4,5-TP (Silvex)										
Dieldrin										
Di(2-Ethylhexyl) Phthalate										
Di(2-Ethylhexyl) Adipate										
Diquat										
Benzo (A) Pyrene										

**RFQ 12-1213BS
SUPPLEMENTAL LABORATORY SERVICES**

		Florida Spectrum Ft. Lauderdale, FL	Pace Analytical Services Ormond Beach, FL	SOUTHERN ANALYTICAL LAB Oldsmar, FL	Test America Lab Tampa, FL					
5B. NAME OF TEST: Dioxin Dioxin (2,3,7,8 - TCDD)		Tests per year 1 Unit Price \$ 500.00 Extended Cost 500.00	Unit Price \$205.00 Extended Cost \$205.00	Unit Price \$350.00 Extended Cost \$350.00	Unit Price \$325.00 Extended Cost \$325.00					
6A. (Surface Water) NAME OF TEST: NITROGEN PESTICIDES / PCBS FOR RMP AND ULWP Simazine Atrazine Metribuzin Alachlor Bromacil Metolachlor Butachlor Toxaphene		Tests per year 32 Unit Price \$ 200.00 Extended Cost 6400.00	Unit Price \$280.00 Extended Cost \$8,960.00	Unit Price \$120.00 Extended Cost \$3,840.00	Unit Price \$140.00 Extended Cost \$4,480.00					
6B. (Surface Water) NAME OF TEST: CHLORINE PESTICIDES / PCBS FOR RMP AND ULWP Endrin G-BHC (Lindane) A-BHC B-BHC D-BHC Heptachlor Aldrin Heptachlor epoxide Endosulfan I Endosulfan II		Tests per year 32 Unit Price \$ 90.00 Extended Cost 2880.00	Unit Price \$205.00 Extended Cost \$6,560.00	Unit Price \$60.00 Extended Cost \$1,920.00	Unit Price \$90.00 Extended Cost \$2,880.00					
7 NAME OF TEST: SECONDARY INORGANICS & PHYSICAL FACTORS		Tests per year	Unit Price Extended Cost	Unit Price Extended Cost	Unit Price Extended Cost					
A	Aluminum	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
B	Chloride	4	\$ 10.00	40.00	\$8.00	\$32.00	\$10.00	\$40.00	\$8.00	\$32.00
C	Color (in color units)	4	\$ 10.00	40.00	\$6.00	\$24.00	\$10.00	\$40.00	\$10.00	\$40.00
D	Copper	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
E	Foaming Agents	4	\$ 26.00	104.00	\$16.00	\$64.00	\$15.00	\$60.00	\$20.00	\$80.00
F	Iron	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
G	Manganese	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
H	Odor (ton)	4	\$ 10.00	40.00	\$5.00	\$20.00	\$20.00	\$80.00	\$10.00	\$40.00
I	pH	4	\$ 5.00	20.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
J	Silver	4	\$ 10.00	40.00	\$6.00	\$24.00	\$10.00	\$40.00	\$8.00	\$32.00
K	Sulfate	4	\$ 10.00	40.00	\$8.00	\$32.00	\$10.00	\$40.00	\$10.00	\$40.00
L	Total Dissolved Solids	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
M	Zinc	4	\$ 10.00	40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
8 NAME OF TEST: GROUP I: UNREGULATED ORGANICS Aldrin Dieldrin Aldicarb Aldicarb Sulfoxide AldicarbSulfone Dicamba 3-Hydroxycarboluran		Tests per year 4 Unit Price \$ 480.00 Extended Cost 1920.00	Unit Price \$250.00 Extended Cost \$1,000.00	Unit Price \$0.00 Extended Cost \$0.00	Unit Price \$0.00 Extended Cost \$0.00					
9 NAME OF TEST: GROUP II: UNREGULATED ORGANIC CONTAMINANTS Bromobenzene		Tests per year 4 Unit Price \$ 85.00 Extended Cost 340.00	Unit Price \$40.00 Extended Cost \$160.00	Unit Price \$0.00 Extended Cost \$0.00	Unit Price \$0.00 Extended Cost \$0.00					

**RFQ 12-1213BS
SUPPLEMENTAL LABORATORY SERVICES**

Florida Spectrum
Fl. Lauderdale, FL

Pace Analytical Services
Ormond Beach, FL

SOUTHERN ANALYTICAL LAE
Oldsmar, FL

Test America Lab
Tampa, FL

Bromodichloromethane
Bromochloromethane
Chloroform
Chloromethane
Dibromochloromethane
Dichlorodifluoromethane
1,3-Dichloropropene
1,1,2,2-tetrachloroethane
1,1-Dichloropropylene
Methyl Tert-Butyl-Ether (MTBE)
O-Chlorotoluene

Bromomethane
Chloroethane
P-Chlorotoluene
1,2,3-Trichloropropane
Dibromomethane
1,1-Dichloroethane
1,3-Dichloropropane
2,2-Dichloropropane
1,3-Dichlorobenzene
1,1,1,2-tetrachloroethane

10 NAME OF TEST: GROUP III: UNREGULATED ORGANIC CHEMICALS
2-Chlorophenol
Phenol
2-Methyl-4,6-Dinitrophenol
2,4,6-Trichlorophenol
Butyl Benzyl Phthalate
Di-N-Butylphthalate

Tests per year
4
Unit Price
\$ 175.00
700.00

Unit Price
\$75.00
Extended Cost
\$300.00

Unit Price
\$120.00
Extended Cost
\$480.00

Unit Price
\$125.00
Extended Cost
\$500.00

11 NAME OF TEST: RADIONUCLIDES
A Gross Alpha
B Uranium
C Radium 226
D Radium 228
E Radium

Tests per year
40
40
15
15
8
Unit Price
\$ 45.00
\$ 27.00
\$ 180.00
\$ -
\$ 85.00
1800.00
1080.00
2700.00
0.00
680.00

Unit Price
\$30.00
\$20.00
\$55.00
\$55.00
\$25.00
Extended Cost
\$1,200.00
\$800.00
\$825.00
\$825.00
\$200.00

Unit Price
\$20.00
\$15.00
\$30.00
\$45.00
\$75.00
Extended Cost
\$800.00
\$600.00
\$450.00
\$675.00
\$600.00

Unit Price
\$45.00
\$35.00
\$75.00
\$75.00
\$40.00
Extended Cost
\$1,800.00
\$1,400.00
\$1,125.00
\$1,125.00
\$320.00

12 NAME OF TEST: GENERAL PARAMETERS: (for monitoring wells or samples from river, etc.)

	Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost
A Total Hardness (as CaCO3)	4	\$ 10.00	\$40.00	\$5.00	\$20.00	\$0.00	\$0.00	\$0.00	\$0.00
B Total Alkalinity (as CaCO3)	4	\$ 10.00	\$40.00	\$10.00	\$40.00	\$12.00	\$48.00	\$0.00	\$0.00
C Calcium	4	\$ 10.00	\$40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
D Magnesium	4	\$ 10.00	\$40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
E Bicarbonate (as (HCO3)	4	\$ 10.00	\$40.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
F Carbon Dioxide (as CO2)	4	\$ 20.00	\$80.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
G Carbonate (as CaCO3)	4	\$ 10.00	\$40.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
H Hydroxide (as CaCO3)	4	\$ 30.00	\$120.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
I Conductivity	4	\$ 6.00	\$24.00	\$4.00	\$16.00	\$6.00	\$24.00	\$10.00	\$40.00
J Hydrogen Sulfide	4	\$ 40.00	\$160.00	\$12.00	\$48.00	\$12.00	\$48.00	\$20.00	\$80.00
K TKN (as N)	4	\$ 14.00	\$56.00	\$10.00	\$40.00	\$15.00	\$60.00	\$25.00	\$100.00
L Ammonia (as N)	4	\$ 12.00	\$48.00	\$8.00	\$32.00	\$8.00	\$32.00	\$20.00	\$80.00
M Chemical Oxygen Demand	4	\$ 12.00	\$48.00	\$4.00	\$16.00	\$15.00	\$60.00	\$15.00	\$60.00
N Oils and Grease	4	\$ 38.00	\$152.00	\$30.00	\$120.00	\$40.00	\$160.00	\$30.00	\$120.00
Phosphorus:									
O Total (as P)	4	\$ 15.00	\$60.00	\$10.00	\$40.00	\$15.00	\$60.00	\$20.00	\$80.00
P Reactive (as P)	4	\$ 30.00	\$120.00	\$10.00	\$40.00	\$10.00	\$40.00	\$20.00	\$80.00
Q Total Solids	4	\$ 10.00	\$40.00	\$8.00	\$32.00	\$10.00	\$40.00	\$10.00	\$40.00
R Biochemical Oxygen Demand	4	\$ 24.00	\$96.00	\$12.00	\$48.00	\$20.00	\$80.00	\$30.00	\$120.00
S Potassium	4	\$ 10.00	\$40.00	\$4.00	\$16.00	\$6.00	\$24.00	\$6.50	\$26.00
T Foaming agents	4	\$ 26.00	\$104.00	\$16.00	\$64.00	\$15.00	\$60.00	\$20.00	\$80.00
U Silica	4	\$ 12.00	\$48.00	\$10.00	\$40.00	\$10.00	\$40.00	\$20.00	\$80.00
V Total Organic Carbon (TOC)	4	\$ 16.00	\$64.00	\$10.00	\$40.00	\$15.00	\$60.00	\$20.00	\$80.00
13 SPECIAL SERVICES:		MARKUP (%)	MULTIPLIER	MULTIPLIER	MULTIPLIER	MULTIPLIER	MULTIPLIER	MULTIPLIER	MULTIPLIER
A 24 hour turn around									
B 3 day turn around									
GRAND TOTAL SECTION A (Items 1 - 13):			\$40,794.00		\$32,146.00		\$22,471.00		\$26,746.00

**RFO 12-1213BS
SUPPLEMENTAL LABORATORY SERVICES**

Florida Spectrum
Ft. Lauderdale, FL

Pace Analytical Services
Ormond Beach, FL

SOUTHERN ANALYTICAL LAB
Oldsmar, FL

Test America Lab
Tampa, FL

**SECTION B: TESTS FOR WASTEWATER TREATMENT PLANTS & INDUSTRIAL COMPLIANCE
PRIMARY DRINKING WATER STANDARDS (for Reclaim Water)**

1	NAME OF TEST: INORGANIC PARAMETERS	Tests per year	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	Unit Price	Extended Cost	
											Unit Price
A	Antimony	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
B	Arsenic	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
C	Barium	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
D	Beryllium	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
E	Cadmium	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
F	Chromium	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
G	Cyanide	6	\$ 27.00	\$ 162.00	\$ 8.00	\$ 48.00	\$ 20.00	\$ 120.00	\$ 20.00	\$ 120.00	
H	Fluoride	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 8.00	\$ 48.00	
I	Lead	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
J	Mercury	6	\$ 23.00	\$ 138.00	\$ 8.00	\$ 48.00	\$ 15.00	\$ 90.00	\$ 6.50	\$ 39.00	
K	Nickel	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
L	Nitrate	6	\$ 10.00	\$ 60.00	\$ 8.00	\$ 48.00	\$ 10.00	\$ 60.00	\$ 5.00	\$ 30.00	
M	Nitrite	6	\$ 10.00	\$ 60.00	\$ 8.00	\$ 48.00	\$ 10.00	\$ 60.00	\$ 5.00	\$ 30.00	
N	Selenium	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
O	Sodium	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
P	Thallium	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
2	NAME OF TEST: INORGANIC PARAMETERS	Tests per year									
A	Asbestos	3	\$ 200.00	\$ 600.00	\$ 100.00	\$ 300.00	\$ 300.00	\$ 900.00	\$ 85.00	\$ 255.00	
SECONDARY DRINKING WATER STANDARDS (for Reclaim Water)											
3	NAME OF TEST: INORGANIC PARAMETERS	Tests per year									
A	Aluminum	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
B	Chloride	6	\$ 10.00	\$ 60.00	\$ 8.00	\$ 48.00	\$ 10.00	\$ 60.00	\$ 8.00	\$ 48.00	
C	Color	6	\$ 10.00	\$ 60.00	\$ 5.00	\$ 30.00	\$ 10.00	\$ 60.00	\$ 10.00	\$ 60.00	
D	Copper	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
E	Fluoride	6	\$ 10.00	\$ 60.00	\$ 8.00	\$ 48.00	\$ 9.00	\$ 54.00	\$ 8.00	\$ 48.00	
F	Foaming agents	6	\$ 26.00	\$ 156.00	\$ 16.00	\$ 96.00	\$ 15.00	\$ 90.00	\$ 20.00	\$ 120.00	
G	Iron	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
H	Manganese	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
I	Odor	6	\$ 10.00	\$ 60.00	\$ 5.00	\$ 30.00	\$ 20.00	\$ 120.00	\$ 10.00	\$ 60.00	
J	pH	6	\$ 5.00	\$ 30.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
K	Silver	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
L	Sulfate	6	\$ 10.00	\$ 60.00	\$ 8.00	\$ 48.00	\$ 10.00	\$ 60.00	\$ 8.00	\$ 48.00	
M	Total dissolved solids	6	\$ 10.00	\$ 60.00	\$ 8.00	\$ 48.00	\$ 10.00	\$ 60.00	\$ 10.00	\$ 60.00	
N	Zinc	6	\$ 10.00	\$ 60.00	\$ 4.00	\$ 24.00	\$ 6.00	\$ 36.00	\$ 6.50	\$ 39.00	
DRINKING WATER STANDARDS (for Reclaim Water)											
4	NAME OF TEST: TOTAL TRIHALOMETHANES	Tests per year									
Total trihalomethanes - sum of concentrations of: Bromochloromethane Dibromochloromethane Trichloromethane (Chloroform) Bromoform			32	\$ 45.00	\$ 1440.00	\$ 24.00	\$ 768.00	\$ 30.00	\$ 960.00	\$ 0.00	\$ 0.00
5	NAME OF TEST: RADIOCHEMICALS	Tests per year									
Gross alpha Radium 226 Uranium			32	\$ 252.00	\$ 8064.00	\$ 180.00	\$ 5,120.00	\$ 110.00	\$ 3,520.00	\$ 230.00	\$ 7,360.00
6	NAME OF TEST: VOLATILE ORGANICS	Tests per year									
1,2,4 trichlorobenzene Cis - 1,2 - dichloroethylene Xylenes (total) Carbon tetrachloride 1,2 - dichloropropane Trichloroethylene			10	\$ 85.00	\$ 850.00	\$ 40.00	\$ 400.00	\$ 50.00	\$ 500.00	\$ 50.00	\$ 500.00

**RFQ 12-1213BS
SUPPLEMENTAL LABORATORY SERVICES**

	Florida Spectrum Ft. Lauderdale, FL	Pace Analytical Services Ormond Beach, FL	SOUTHERN ANALYTICAL LAB Oldsmar, FL	Test America Lab Tampa, FL																
7 NAME OF TEST: PESTICIDE / PCB'S Endrin Lindane Methoxychlor Toxaphene Dialapone Diquat Endosulfan Glyphosate DI (2 - ethylhexyl) adipate Heptachlor Heptachlor Epoxide 2,4 - D 2,4,5 - TP (silvex) Hexachlorobenzene Benzo (a)pyrene	Tests per year \$ 650.00	Tests per year \$ 650.00	Tests per year \$ 470.00	Tests per year \$ 390.00	Tests per year \$ 3,600.00															
						1,1,2 - trichloroethane	\$3,500.00	\$3,500.00	\$3,600.00											
						O-dichlorobenzene														
						Para - dichlorobenzene														
						Vinyl chloride														
						1,1 - dichloroethylene														
						Trans - 1,2 - dichloroethylene														
						1,2 - dichloroethane														
						1,1,1 - trichloroethane														
						Oxamyl (Vydate)	\$4,700.00													
Simazine																				
DI (2 - ethylhexyl) phthalate																				
Picloram																				
Dinoseb																				
Hexachlorocyclopentadiene																				
Carboluran																				
Atrazine																				
Alachlor																				
Pentachlorophenol																				
PCB																				
Dibromochloropropane																				
Ethylene dibromide																				
Chlordane																				
8 NAME OF TEST: PESTICIDE / PCB'S 2,3,7,8 - TCDD (Dioxin)	Tests per year \$ 500.00	Tests per year \$ 500.00	Tests per year \$ 205.00	Tests per year \$ 400.00	Tests per year \$ 4,000.00	Tests per year \$ 325.00	Tests per year \$ 3,250.00													
9 NAME OF TEST: UNREGULATED GROUP I Carbaryl Aldicarb sulfoxide 3-hydroxy carbouluran Propachlor Aldrin	Tests per year \$ 480.00	Tests per year \$ 480.00	Tests per year \$ 205.00	Tests per year \$ 2,050.00	Tests per year \$ 0.00	Tests per year \$ 0.00	Tests per year \$ 0.00													
								Aldicarb sulfone												
								Metolachlor												
								Aldicarb												
								Dieldrin												
								Dicamba												
								Metribuzin												
								10 NAME OF TEST: UNREGULATED GROUP II Chloromethane Dichlorodifluoromethane Bromomethane Chloroethane Trichlorofluoromethane Methyl-tert-butyl-ether Dibromomethane 1,1 - dichloropropylene 1,3 - dichloropropane 1,3 - dichloropropene 1,2,3 - trichloropropane 2,2 - dichloropropane	Tests per year \$ 85.00	Tests per year \$ 85.00	Tests per year \$ 40.00	Tests per year \$ 400.00	Tests per year \$ 0.00	Tests per year \$ 0.00	Tests per year \$ 0.00					
																Chloroform				
																Bromoform				
Bromodichloromethane																				
Dibromochloromethane																				
O - chlorotoluene																				
P - chlorotoluene																				
M - dichlorobenzene																				
1,1 - dichloroethane																				
1,1,1,2 - tetrachloroethane																				
1,1,2,2 - tetrachloroethane																				
Bromobenzene																				
11 NAME OF TEST: UNREGULATED GROUP III Isophorone 2,4 - dinitrotoluene Dimethylphthalate Diethylphthalate	Tests per year \$ 175.00	Tests per year \$ 175.00	Tests per year \$ 75.00	Tests per year \$ 750.00	Tests per year \$ 120.00	Tests per year \$ 1,200.00	Tests per year \$ 100.00	Tests per year \$ 1,000.00												
									Dioctylphthalate											
									2 - chlorophenol											
									2 - methyl - 4,6 - dinitrophenol											
									Phenol											

**RFQ 12-1213BS
SUPPLEMENTAL LABORATORY SERVICES**

Di-n-butylphthalate
Butyl benzyl phthalate
2,4,6 - trichlorophenol

PRIORITY POLLUTANTS (40 CFR PART 122 APPENDIX D: TABLES II, III)

12 NAME OF TEST: VOLATILES	Tests per year		Florida Spectrum Fl. Lauderdale, FL		Pace Analytical Services Ormond Beach, FL		SOUTHERN ANALYTICAL LAB Oldsmar, FL		Test America Lab Tampa, FL	
	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost
Acrolein	10	\$ 85.00								
Acrylonitrile	10	\$ 85.00								
Benzene	10	\$ 85.00								
Bromoform	10	\$ 85.00								
Carbon tetrachloride	10	\$ 85.00								
Chlorobenzene	10	\$ 85.00								
Chlorodibromomethane	10	\$ 85.00								
Chloroethane Ethylbenzene	10	\$ 85.00								
2 - chloroethylvinyl ether	10	\$ 85.00								
Chloroform	10	\$ 85.00								
dichlorobromomethane	10	\$ 85.00								
1,1 - dichloroethane	10	\$ 85.00								
1,2 - dichloroethane	10	\$ 85.00								
1,1 - dichloroethylene	10	\$ 85.00								
1,2 - dichloroethylene	10	\$ 85.00								
1,1,1 - trichloroethane	10	\$ 85.00								
1,1,2 - trichloroethane	10	\$ 85.00								
Trichloroethylene	10	\$ 85.00								
Vinyl chloride	10	\$ 85.00								

13 NAME OF TEST: ACID COMPOUNDS	Tests per year		Florida Spectrum Fl. Lauderdale, FL		Pace Analytical Services Ormond Beach, FL		SOUTHERN ANALYTICAL LAB Oldsmar, FL		Test America Lab Tampa, FL	
	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost
2-chlorophenol	6	\$ 175.00								
2,4 - dichlorophenol	6	\$ 175.00								
2,4 - dimethylphenol	6	\$ 175.00								
4,6 - dinitro-o-cresol	6	\$ 175.00								
2,4 - dinitrophenol	6	\$ 175.00								

14 NAME OF TEST: BASE / NEUTRAL	Tests per year		Florida Spectrum Fl. Lauderdale, FL		Pace Analytical Services Ormond Beach, FL		SOUTHERN ANALYTICAL LAB Oldsmar, FL		Test America Lab Tampa, FL	
	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost
Acenaphthene	6	\$ -								
Acenaphthylene	6	\$ -								
Anthracene	6	\$ -								
Benzidine	6	\$ -								
Benzox(a) anthracene	6	\$ -								
Benzo (a) pyrene	6	\$ -								
3,4 - benzofluoranthene	6	\$ -								
Benzo (ghi) perylene	6	\$ -								
Benzo (kl) fluoranthene	6	\$ -								
Bis (2-chloroethoxy) methane	6	\$ -								
Bis (2-chloroethyl) ether	6	\$ -								
Bis (2-chloroisopropyl) ether	6	\$ -								
Bis (2-ethylhexyl) phthalate	6	\$ -								
4-bromophenyl phenyl ether	6	\$ -								
Butylbenzyl phthalate	6	\$ -								
1,2 - diphenylhydrazine (as azobenzene)	6	\$ -								
Hexachlorobenzene	6	\$ -								
Hexachlorobutadiene	6	\$ -								
Hexachlorocyclopentadiene	6	\$ -								
Hexachloroethane	6	\$ -								
Indeno (1,2,3 - Cd) pyrene	6	\$ -								
Isophorone	6	\$ -								
Naphthalene	6	\$ -								

15 NAME OF TEST: BASE / NEUTRAL	Tests per year		Florida Spectrum Fl. Lauderdale, FL		Pace Analytical Services Ormond Beach, FL		SOUTHERN ANALYTICAL LAB Oldsmar, FL		Test America Lab Tampa, FL	
	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost
1,2 - diphenylhydrazine (as azobenzene) by SW-846 8270	6	\$ 175.00								

16 NAME OF TEST: PESTICIDES	Tests per year		Florida Spectrum Fl. Lauderdale, FL		Pace Analytical Services Ormond Beach, FL		SOUTHERN ANALYTICAL LAB Oldsmar, FL		Test America Lab Tampa, FL	
	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost	Tests per year	Cost
	6	\$ 175.00								

RFQ 12-1213BS SUPPLEMENTAL LABORATORY SERVICES		Florida Spectrum Fl. Lauderdale, FL	Pace Analytical Services Ormond Beach, FL	SOUTHERN ANALYTICAL LAB Oldsmar, FL	Test America Lab Tampa, FL
2,4 - dinitrotoluene Endrin Heptachlor 2,4,6 - trichlorophenol Silverx Vinyl chloride					
GENERAL PARAMETERS					
20 NAME OF TEST: METALS	Tests per year				
A Boron	6	\$ 10.00	\$4.00	\$24.00	\$10.00
B Cesium	6	\$ 136.00	\$100.00	\$600.00	\$15.00
C Cobalt	6	\$ 10.00	\$5.00	\$30.00	\$6.00
D Molybdenum	6	\$ 10.00	\$5.00	\$30.00	\$6.00
E Vanadium	6	\$ 10.00	\$5.00	\$30.00	\$6.00
F Strontium	6	\$ 10.00	\$5.00	\$30.00	\$6.00
G Titanium	6	\$ 10.00	\$5.00	\$30.00	\$6.00
H Tin	6	\$ 10.00	\$5.00	\$30.00	\$6.00
I Lithium	6	\$ 10.00	\$5.00	\$30.00	\$6.00
J Mercury by EPA Method 1631	6	\$ 120.00	\$50.00	\$300.00	\$40.00
21 NAME OF TEST: INORGANIC PARAMETERS	Tests per year				
A Alkalinity (as CaCO3)	6	\$ 10.00	\$5.00	\$30.00	\$12.00
B Ammonia (asN)	6	\$ 12.00	\$6.00	\$36.00	\$8.00
C TKN	6	\$ 14.00	\$10.00	\$60.00	\$15.00
D Total N	6	\$ 26.00	\$8.00	\$48.00	\$30.00
E Calcium	6	\$ 10.00	\$4.00	\$24.00	\$6.00
F Magnesium	6	\$ 10.00	\$4.00	\$24.00	\$6.00
G Non-filterable residues (TSS)	6	\$ 10.00	\$6.00	\$48.00	\$10.00
H Volatile residues (VSS)	6	\$ 18.00	\$8.00	\$48.00	\$6.00
I Specific conductance	6	\$ 8.00	\$4.00	\$24.00	\$6.00
J Turbidity	6	\$ 9.00	\$5.00	\$30.00	\$6.00
K Chlorophyll "A"	6	\$ 35.00	\$18.00	\$108.00	\$20.00
L Bromide	6	\$ 10.00	\$8.00	\$48.00	\$10.00
M Hardness	6	\$ 10.00	\$5.00	\$30.00	\$0.00
N Potassium	6	\$ 10.00	\$4.00	\$24.00	\$6.00
O Total phosphorous	6	\$ 15.00	\$8.00	\$48.00	\$15.00
P Orthophosphate	6	\$ 10.00	\$5.00	\$30.00	\$10.00
Q Total residual chlorine	6	\$ 21.00	\$9.00	\$54.00	\$15.00
R Oil & grease	6	\$ 38.00	\$30.00	\$180.00	\$40.00
S Hydrogen sulfide	6	\$ 40.00	\$10.00	\$60.00	\$12.00
T Sulfite	6	\$ 40.00	\$40.00	\$240.00	\$72.00
U % total solids	6	\$ 10.00	\$5.00	\$30.00	\$10.00
22 NAME OF TEST: DEMANDS	Tests per year				
A CBOD5	6	\$ 24.00	\$12.00	\$72.00	\$20.00
B BOD5	6	\$ 24.00	\$12.00	\$72.00	\$20.00
C COD	6	\$ 12.00	\$8.00	\$48.00	\$15.00
D TOC	6	\$ 16.00	\$10.00	\$60.00	\$15.00
E Dissolved oxygen	6	\$ 21.00	\$0.00	\$0.00	\$6.00
23 NAME OF TEST: MICROBIOLOGY	Tests per year				
A Fecal coliforms	6	\$ 20.00	\$15.00	\$90.00	\$15.00
B MPN fecal coliform	6	\$ 120.00	\$35.00	\$210.00	\$25.00
C Total coliform	6	\$ 20.00	\$15.00	\$90.00	\$15.00
D Heterotrophic plate count	6	\$ 30.00	\$10.00	\$60.00	\$20.00
E E. coli	6	\$ 48.00	\$0.00	\$0.00	\$0.00
F Enterococci	6	\$ 25.00	\$35.00	\$210.00	\$20.00
24 NAME OF TEST: BACTERIOLOGICAL QUALITY OF DI WATER (STANDARD METHODS 9020B)	Tests per year				

**RFO 12-1213BS
SUPPLEMENTAL LABORATORY SERVICES**

Florida Spectrum
Ft. Lauderdale, FL

Pace Analytical Services
Ormond Beach, FL

SOUTHERN ANALYTICAL LAB
Oldsmar, FL

Test America Lab
Tampa, FL

A	Metals	2	\$ 115.00	290.00	\$35.00	\$70.00	\$30.00	\$60.00	\$50.00	\$100.00
B	Student's T Test	2	\$ 325.00	650.00	\$275.00	\$550.00	\$75.00	\$150.00	\$75.00	\$150.00
C	Colony Ratio	2	\$ -	0.00	\$10.00	\$20.00	\$125.00	\$250.00	\$100.00	\$200.00
25	NAME OF TEST: FIELD PARAMETERS									
A	pH	2	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B	Temperature	2	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C	Specific conductance	2	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
D	Dissolved oxygen	2	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E	Turbidity	2	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
F	Field sampling (including all mileage, labor, materials and equipment)* (per hr Unit Price)	2	\$ 75.00	150.00	\$35.00	\$70.00	\$60.00	\$120.00	\$60.00	\$120.00
G	Total residual chlorine of the successful vendor)	2	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26	NAME OF TEST: BIOSOLIDS (40 CFR PART 503)									
A	503 Metals	6	\$ 161.00	966.00	\$40.00	\$240.00	\$60.00	\$360.00	\$70.00	\$420.00
B	Potassium (% Dry Weight)	6	\$ 15.00	90.00	\$5.00	\$30.00	\$10.00	\$60.00	\$20.00	\$120.00
C	Total Nitrogen (% Dry Weight)	6	\$ 26.00	156.00	\$18.00	\$108.00	\$30.00	\$180.00	\$25.00	\$150.00
D	Total Phosphorus (% Dry Weight)	6	\$ 26.00	156.00	\$8.00	\$48.00	\$15.00	\$90.00	\$20.00	\$120.00
E	% Total Solids	6	\$ 8.00	66.00	\$8.00	\$48.00	\$10.00	\$60.00	\$10.00	\$60.00
F	pH	6	\$ 8.00	48.00	\$4.00	\$24.00	\$10.00	\$60.00	\$6.00	\$36.00
G	Facial MPN	24	\$ 120.00	2880.00	\$35.00	\$840.00	\$25.00	\$600.00	\$60.00	\$1,440.00
27	NAME OF TEST: PETROLEUM RANGE ORGANICS)									
A	FDOP Method FL-PRO	6	\$ 60.00	360.00	\$35.00	\$210.00	\$75.00	\$450.00	\$60.00	\$360.00
28	SPECIAL SERVICES:									
A	24 hour turn around									
B	3 day turn around									
	MARKUP (%)									
	100%									
	50%									
	GRAND TOTAL SECTION B (Items 1 - 27)			\$ 53,028.00		\$27,296.00		\$27,126.00		\$31,006.00
SECTION C: SUPPLEMENTAL LABORATORY SERVICE										
SOLID WASTE - LENA AND ERIE ROAD LANDFILLS										
LEACHATE PARAMETERS:										
1	NAME OF TEST: 40 CFR, PART 258, APPENDIX II									
A	All Appendix II parameters	3	\$ 648.00	1944.00	\$435.00	\$1,305.00	\$500.00	\$1,500.00	\$600.00	\$1,800.00
2	NAME OF TEST: FIELD PARAMETERS									
A	Specific Conductivity	6	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B	pH	6	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C	Dissolved Oxygen	6	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
D	Colors, Sheen (by observation)	6	\$ -	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E	Field Sampling* (per hr Unit Price)	6	\$ 75.00	450.00	\$35.00	\$210.00	\$60.00	\$360.00	\$60.00	\$360.00
3	NAME OF TEST: GENERAL PARAMETERS									
A	Total Ammonia - N	6	\$ 20.00	120.00	\$6.00	\$36.00	\$8.00	\$48.00	\$20.00	\$120.00
B	Bicarbonates	6	\$ 17.00	102.00	\$12.00	\$72.00	\$12.00	\$72.00	\$10.00	\$60.00
C	Chlorides	6	\$ 12.00	72.00	\$4.00	\$24.00	\$10.00	\$60.00	\$6.50	\$39.00
D	Iron	6	\$ 10.00	60.00	\$4.00	\$24.00	\$6.00	\$36.00	\$6.50	\$39.00
E	Mercury	6	\$ 23.00	138.00	\$50.00	\$300.00	\$15.00	\$90.00	\$6.50	\$39.00
F	Nitrate	6	\$ 10.00	60.00	\$8.00	\$48.00	\$10.00	\$60.00	\$10.00	\$60.00
G	Sodium	6	\$ 10.00	60.00	\$4.00	\$24.00	\$6.00	\$36.00	\$6.50	\$39.00
H	Total Dissolved Solids	6	\$ 10.00	60.00	\$8.00	\$48.00	\$10.00	\$60.00	\$10.00	\$60.00
	by County staff.									
GROUNDWATER PARAMETERS:										

**RFQ 12-1213BS
SUPPLEMENTAL LABORATORY SERVICES**

		Florida Spectrum Ft. Lauderdale, FL	Pace Analytical Services Ormond Beach, FL	SOUTHERN ANALYTICAL LAB Oldsmar, FL	Test America Lab Tampa, FL
4 NAME OF TEST: 40 CFR, PART 258, APPENDIX I (ORGANIC CONSTITUENTS)					
A	Appendix I organic constituents	Tests per year			
B	Dibromochloropropane (DBCP), Ethylene dibromide (EDB) by EPA 8011	48	\$ 100.00	\$50.00	\$70.00
		48	\$ 40.00	\$30.00	\$40.00
			4800.00	\$2,400.00	\$3,360.00
			1920.00	\$960.00	\$1,920.00
5 NAME OF TEST: FIELD PARAMETERS					
A	Specific Conductivity	48	\$ -	\$0.00	\$0.00
B	pH	48	\$ -	\$0.00	\$0.00
C	Static Water Level (Before Pumping)	48	\$ -	\$0.00	\$0.00
D	Dissolved Oxygen	48	\$ -	\$0.00	\$0.00
E	Turbidity	48	\$ -	\$0.00	\$0.00
F	Temperature	48	\$ -	\$0.00	\$0.00
G	Colors, Sheen (By Observation)	48	\$ -	\$0.00	\$0.00
H	Field Sampling* (per hr Unit Price)	48	\$ 75.00	\$60.00	\$60.00
			3600.00	\$2,880.00	\$2,880.00
6 NAME OF TEST: GENERAL PARAMETERS					
A	40 CFR Part 258 Appendix I (Inorganic Constituents)	48	\$ 90.00	\$50.00	\$65.00
B	Total Ammonia - N	48	\$ 20.00	\$8.00	\$20.00
C	Chlorides	48	\$ 12.00	\$10.00	\$8.00
D	Iron	48	\$ 10.00	\$8.00	\$6.50
E	Mercury	48	\$ 23.00	\$15.00	\$10.00
F	Nitrate - N	48	\$ 10.00	\$10.00	\$10.00
G	Sodium	48	\$ 10.00	\$8.00	\$6.50
H	Total Dissolved Solids	48	\$ 10.00	\$10.00	\$10.00
			4320.00	\$2,160.00	\$3,120.00
			960.00	\$384.00	\$960.00
			576.00	\$384.00	\$384.00
			480.00	\$192.00	\$312.00
			1104.00	\$384.00	\$480.00
			480.00	\$192.00	\$480.00
			480.00	\$192.00	\$480.00
			480.00	\$192.00	\$312.00
			480.00	\$192.00	\$480.00
SURFACE WATER PARAMETERS:					
7 NAME OF TEST: 40 CFR, PART 258, APPENDIX I (ORGANIC CONSTITUENTS)					
A	Appendix I organic constituents	Tests per year			
B	Dibromochloropropane (DBCP), Ethylene dibromide (EDB) by EPA 8011	4	\$ 100.00	\$50.00	\$60.00
		4	\$ 40.00	\$30.00	\$40.00
			400.00	\$200.00	\$240.00
			160.00	\$80.00	\$120.00
8 NAME OF TEST: FIELD PARAMETERS					
A	Specific Conductivity	Tests per year			
B	pH	4	\$ -	\$0.00	\$0.00
C	Dissolved Oxygen	4	\$ -	\$0.00	\$0.00
D	Turbidity	4	\$ -	\$0.00	\$0.00
E	Temperature	4	\$ -	\$0.00	\$0.00
F	Colors, Sheen (By Observation)	4	\$ -	\$0.00	\$0.00
G	Field Sampling* (per hr Unit Price)	4	\$ 75.00	\$60.00	\$60.00
			300.00	\$140.00	\$240.00
9 NAME OF TEST: GENERAL PARAMETERS					
A	40 CFR, PART 258, APPENDIX I (INORGANIC CONSTITUENTS)	Tests per year			
B	Chlorophyll A	4	\$ 90.00	\$50.00	\$90.00
C	Unionized Ammonia	4	\$ 35.00	\$20.00	\$25.00
D	Total Hardness	4	\$ 12.00	\$15.00	\$20.00
E	Biochemical Oxygen Demand	4	\$ 10.00	\$12.00	\$6.00
F	Biochemical Oxygen Demand	4	\$ 20.00	\$48.00	\$30.00
G	Copper	4	\$ 10.00	\$16.00	\$6.50
H	Iron	4	\$ 10.00	\$16.00	\$6.50
I	Mercury, EPA 1631	4	\$ 120.00	\$200.00	\$160.00
J	Nitrate	4	\$ 10.00	\$32.00	\$10.00
K	Zinc	4	\$ 10.00	\$8.00	\$10.00
L	Total Dissolved Solids	4	\$ 10.00	\$4.00	\$6.50
		4	\$ 10.00	\$8.00	\$6.50
		4	\$ 16.00	\$40.00	\$26.00
		4	\$ 64.00	\$10.00	\$40.00
		4	\$ 10.00	\$15.00	\$20.00
		4	\$ 64.00	\$60.00	\$80.00

