

Unit prices for the following:

Note: Overhead should be included in calculating costs for necessary engineering and laboratory services. The following list is not all-inclusive but is a representation and should include overhead, salaries, fringe benefits, indirect and direct costs such as travel and transportation, allowances, administrative/support staff costs, equipment, vehicle, materials and supplies.

Items which are normally referred to as reimbursable expenses, including but not limited to transportation, long distance communications and other documents, overtime work requiring higher than regular rates, additional insurance REQUIRED in excess of that normally carried by the respondent, computer-aided design, etc., are to be included in the fee for which no additional compensation will be due.

I. Site Assessment Report in compliance with current ASTM Standard Practice for Phase I Assessment ASTM E1527-13

Site Condition		Vendor Name:		
ITEM #	Description		Cost < 1 Acre	Cost per Acre
1	Vacant land		\$2,200	\$2,200 + \$30/acre
2	Improved land, primarily residential use		\$2,300	\$2,300 + \$45/acre
3	Improved land, primarily commercial use		\$2,500	\$2,500 + \$60/acre

II. Professional Services - Hourly Rates itemized by position

	Classification		Rate per Hour	
	Principal		Rate per Hour	\$165
	Project Manager		Rate per Hour	\$140
	Hydrogeologist		Rate per Hour	\$130
	Geologist		Rate per Hour	\$120
	Certified Site Assessor		Rate per Hour	
	Field Technician		Rate per Hour	\$100
	Administrative Staff		Rate per Hour	\$70
	CAD Technician		Rate per Hour	\$85
	Engineer		Rate per Hour	\$110
	Senior Professional Engineer		Rate per Hour	\$150
			Rate per Hour	
			Rate per Hour	

III. Phase II Investigation

Direct Push Soil Borings

ITEM #	Description		UOM	Cost
1	Mobilization		Lump sum	\$220
2	Drill Rig 1"		Per foot	\$12.50
3	1" Temporary Monitoring Well Construction		Per foot	\$9.50

Hollow Stem Auger Soil Borings

ITEM #	Description		UOM	Cost
1	Mobilization		Lump sum	\$600
2	Drill Rig		Per foot	\$45
3	2" NR 141 Monitoring Well Construction		Per foot	\$68

Phase II Investigation Report

			UOM	Cost
1	Per Boring		Lump Sum	2500+150/boring

IV. Laboratory Services Fee Schedule - Assume Standard Turnaround

ITEM #	Type of Test	Cost/Sample	Soil Cost	Groundwater Cost
1	DRO	Cost Per Sample	\$45	\$45
2	GRO	Cost Per Sample	\$25	\$25
3	PVOC	Cost Per Sample	\$30 (or included with GRO)	\$30 (or included with GRO)
4	PAH	Cost Per Sample	\$72	\$72
5	Full VOC's	Cost Per Sample	\$67	\$67
6	Full SVOCs	Cost Per Sample	\$168	\$168
7	total RCRA 8 metals	Cost Per Sample	\$70	\$70
8	TCLP RCRA 8 metals	Cost Per Sample	\$105	NA
9	Total lead *	Cost Per Sample	\$11	\$11
10	TCLP Lead *	Cost Per Sample	\$46	NA
11	PCB *	Cost Per Sample	\$65	\$65
12	Asbestos - Non-destruction Testing *1	Cost Per Sample	\$23	NA
13	Asbestos - Destruction Testing *2	Cost Per Sample	\$19	NA
14		Cost Per Sample		
15		Cost Per Sample		

* Sample collection is incidental to testing

1-Assume building is occupied.

2-Assume building is vacant.

V. Air Quality Monitoring - Assume Standard Turnaround

ITEM #	Type of Test	Cost/Sample		Groundwater Cost
1	Particulates	Cost Per Sample		
2	Carbon Dioxide	Cost Per Sample		
3		Cost Per Sample		
4		Cost Per Sample		
5		Cost Per Sample		

VI. Asbestos

				Cost
1	Asbestos Testing Preliminary Report (Non-Destructive Testing)	Per Square Foot		
2	Asbestos Testing Demolition Report (Destructive Testing)	Per Square Foot		

VII. Response Action Plan (Coordinated with MPCA)

				Cost
1	Report	Cost Per Site		\$4,350

VIII. Asbestos Remediation

				Cost
1	Report (assume Demolition Report is completed)	Cost Per Site		\$750
2	Asbestos Abatement Oversight	Daily Rate		\$1,000 (based on 8 hour work shifts)

IX. Regulated Waste Inventory

				Cost
1	Report (assume Demolition Report)	Cost Per Site		\$375
2	Walk site and perform inventory	Cost Per Square Foot	\$0.05/sf - \$0.17/sf	\$0.05/sf - \$0.17/sf

X. Equipment Rental & Analytical Contractor's Verifiable

				Cost
1	Contractor's Verifiable cost plus	Percentage		10%

XI. Demolition Oversight

				Cost
1	Onsite Activities and Report	Cost Per Site	8 hours on site, 1 hour on report	\$1,000

XII. Rush Premium

				Percentage
1	Items III thru VI results in 5 days			50% (1.5x) for analytical
2	Items III thru VI completed in 3 days			100% (2x) for analytical

XII. Coordination of MPCA Assurances

				Cost
1	Coordination with MPCA	Cost Per site		\$1,000

RFB-PUBW24645 FOR ENVIRONMENTAL SERVICES

Industrial Hygiene

Unit prices for the following:

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Items which are normally referred to as reimbursable expenses, including but not limited to transportation, long distance communications and other documents, overtime work requiring higher than regular rates, additional insurance REQUIRED in excess of that normally carried by the respondent, computer-aided design, etc., are to be included in the fee for which no additional compensation will be due.

I. Site Assessment Report in compliance with current ASTM Standard Practice for Phase I Assessment ASTM E1527-13

Site Condition		Vendor Name:		
ITEM #	Description		< 1 Acre	> 1 Acre
1	Vacant land		\$1,600	\$1,600 + \$375/acre
2	Improved land, primarily residential use		\$1,800	\$1,800 + \$475/acre
3	Improved land, primarily commercial use		\$2,400	\$2,400 + \$575/acre

II. Professional Services - Hourly Rates itemized by position

	Classification		Rate per Hour	
	Principal		Rate per Hour	\$126.00
	Project Manager		Rate per Hour	\$104.75
	Hydrogeologist		Rate per Hour	\$185.00
	Geologist		Rate per Hour	\$145.00
	Certified Site Assessor		Rate per Hour	
	Field Technician		Rate per Hour	\$95.00
	Administrative Staff		Rate per Hour	\$65.00
	CAD Technician		Rate per Hour	\$75.00
	Senior Project Manager		Rate per Hour	\$112.50
	Certified Industrial Hygienist		Rate per Hour	\$130.00
			Rate per Hour	
			Rate per Hour	
			Rate per Hour	

RFB-PUBW24645 FOR ENVIRONMENTAL SERVICES

Industrial Hygiene

III. Phase II Investigation

Direct Push Soil Borings

ITEM #	Description		UOM	Cost
1	Mobilization		Lump sum	
2	Drill Rig 1"		Per foot	
3	1" Temporary Monitoring Well Construction		Per foot	

Hollow Stem Auger Soil Borings

ITEM #	Description		UOM	Cost
1	Mobilization		Lump sum	\$350.00
2	Drill Rig		Per foot	\$10.00
3	2" NR 141 Monitoring Well Construction		Per foot	\$5.50

Phase II Investigation Report

			UOM	Cost
1	Per Boring		Lump Sum	\$400.00

IV. Laboratory Services Fee Schedule - Assume Standard Turnaround

ITEM #	Type of Test	Cost/Sample	Soil Cost	Groundwater Cost
1	DRO	Cost Per Sample	\$34.00	\$34.00
2	GRO	Cost Per Sample	\$34.00	\$34.00
3	PVOC	Cost Per Sample	\$32.00	\$32.00
4	PAH	Cost Per Sample	\$110.00	\$110.00
5	Full VOC's	Cost Per Sample	\$77.00	\$77.00
6	Full SVOCs	Cost Per Sample	\$185.00	\$185.00
7	total RCRA 8 metals	Cost Per Sample	\$80.00	\$80.00
8	TCLP RCRA 8 metals	Cost Per Sample	\$115.00	\$115.00
9	Total lead *	Cost Per Sample	\$25.00	\$25.00
10	TCLP Lead *	Cost Per Sample	\$55.00	\$55.00
11	PCB *	Cost Per Sample	\$72.00	\$72.00
12	Asbestos - Non-destruction Testing *1	Cost Per Sample	\$25.00	\$25.00
13	Asbestos - Destruction Testing *2	Cost Per Sample	\$25.00	\$25.00
14	BTEX, MTBE	Cost Per Sample	\$32.00	\$32.00
15		Cost Per Sample		

* Sample collection is incidental to testing

1-Assume building is occupied.

2-Assume building is vacant.

V. Air Quality Monitoring - Assume Standard Turnaround

ITEM #	Type of Test	Cost/Sample		Groundwater Cost
1	Particulates	Cost Per Sample		\$30.00/sample
2	Carbon Dioxide	Cost Per Sample	unlimited samples	\$75.00/meter rental
3		Cost Per Sample		
4		Cost Per Sample		
5		Cost Per Sample		

VI. Asbestos

				Cost
1	Asbestos Testing Preliminary Report (Non-Destructive Testing)	Per Square Foot		
2	Asbestos Testing Demolition Report (Destructive Testing)	Per Square Foot		

VII. Response Action Plan (Coordinated with MPCA)

				Cost
1	Report	Cost Per Site		\$3,500.00

VIII. Asbestos Remediation

				Cost
1	Report (assume Demolition Report is completed)	Cost Per Site		\$800.00
2	Asbestos Abatement Oversight	Daily Rate		\$800.00

IX. Regulated Waste Inventory

				Cost
1	Report (assume Demolition Report)	Cost Per Site		\$350.00
2	Walk site and perform inventory	Cost Per Square Foot		\$0.25

X. Equipment Rental & Analytical Contractor's Verifiable

				Cost
1	Contractor's Verifiable cost plus	Percentage		10%

XI. Demolition Oversight

				Cost
1	Onsite Activities and Report	Cost Per Site		\$600.00

XII. Rush Premium

				Percentage
1	Items III thru VI results in 5 days			10%
2	Items III thru VI completed in 3 days			25%

XII. Coordination of MPCA Assurances

				Cost
1	Coordination with MPCA	Cost Per site		\$2,500.00

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I. Site Assessment Report in compliance with current ASTM Standard Practice for Phase I Assessment ASTM E1527-13

Site Condition		Vendor Name:		
ITEM #	Description		Cost < 1 Acre	Cost per Acre
1	Vacant land		\$ 2,000.00	\$ 75.00
2	Improved land, primarily residential use		\$ 2,200.00	\$ 100.00
3	Improved land, primarily commercial use		\$ 2,500.00	\$ 250.00

II. Professional Services - Hourly Rates itemized by position

	Classification		Rate per Hour	
	Principal		Rate per Hour	\$ 160.00
	Project Manager		Rate per Hour	\$ 130.00
	Hydrogeologist		Rate per Hour	\$ 95.00
	Geologist		Rate per Hour	\$ 80.00
	Certified Site Assessor		Rate per Hour	\$ 75.00
	Field Technician		Rate per Hour	\$ 65.00
	Administrative Staff		Rate per Hour	\$ 60.00
	CAD Technician		Rate per Hour	\$ 70.00
	Equipment Operator		Rate per Hour	\$ 85.00
	Site Supervisor		Rate per Hour	\$ 95.00
	Transportation & Disposal Coordinator		Rate per Hour	\$ 85.00
	Staff Professional		Rate per Hour	\$ 80.00

III. Phase II Investigation

Direct Push Soil Borings

ITEM #	Description		UOM	Cost
1	Mobilization		Lump sum	\$ 350.00
2	Drill Rig 1"		Per foot	\$ 16.00
3	1" Temporary Monitoring Well Construction		Per foot	\$ 5.00

Hollow Stem Auger Soil Borings

ITEM #	Description		UOM	Cost
1	Mobilization		Lump sum	\$ 550.00
2	Drill Rig		Per foot	\$ 18.00
3	2" NR 141 Monitoring Well Construction		Per foot	\$ 18.00

Phase II Investigation Report

			UOM	Cost
1	Per Boring		Lump Sum	\$ 650.00

IV. Laboratory Services Fee Schedule - Assume Standard Turnaround

ITEM #	Type of Test	Cost/Sample	Soil Cost	Groundwater Cost
1	DRO	Cost Per Sample	\$ 30.00	\$ 30.00
2	GRO	Cost Per Sample	\$ 25.00	\$ 25.00
3	PVOC	Cost Per Sample	\$ 30.00	\$ 30.00
4	PAH	Cost Per Sample	\$ 100.00	\$ 100.00
5	Full VOC's	Cost Per Sample	\$ 67.00	\$ 67.00
6	Full SVOCs	Cost Per Sample	\$ 168.00	\$ 168.00
7	total RCRA 8 metals	Cost Per Sample	\$ 70.00	\$ 70.00
8	TCLP RCRA 8 metals	Cost Per Sample	\$ 105.00	\$ 105.00
9	Total lead *	Cost Per Sample	\$ 11.00	\$ 11.00
10	TCLP Lead *	Cost Per Sample	\$ 46.00	\$ 46.00
11	PCB *	Cost Per Sample	\$ 65.00	\$ 65.00
12	Asbestos - Non-destruction Testing *1	Cost Per Sample	\$ 15.00	
13	Asbestos - Destruction Testing *2	Cost Per Sample	\$ 15.00	
14		Cost Per Sample		
15		Cost Per Sample		

* Sample collection is incidental to testing

1-Assume building is occupied.

2-Assume building is vacant.

V. Air Quality Monitoring - Assume Standard Turnaround

ITEM #	Type of Test	Cost/Sample		Groundwater Cost
1	Particulates	Cost Per Sample		\$ 25.00
2	Carbon Dioxide	Cost Per Sample		\$ 75.00
3	VOCs TO-15 (soil gas)	Cost Per Sample		\$ 235.00
4		Cost Per Sample		
5		Cost Per Sample		

VI. Asbestos

				Cost
1	Asbestos Testing Preliminary Report (Non-Destructive Testing)	Per Square Foot		
2	Asbestos Testing Demolition Report (Destructive Testing)	Per Square Foot		

VII. Response Action Plan (Coordinated with MPCA)

				Cost
1	Report	Cost Per Site		\$ 3,500.00

VIII. Asbestos Remediation

				Cost
1	Report (assume Demolition Report is completed)	Cost Per Site		\$ 1,500.00
2	Asbestos Abatement Oversight	Daily Rate		\$ 1,250.00

IX. Regulated Waste Inventory

				Cost
1	Report (assume Demolition Report)	Cost Per Site		\$ 1,000.00
2	Walk site and perform inventory	Cost Per Square Foot		\$ 1.00

X. Equipment Rental & Analytical Contractor's Verifiable

				Cost
1	Contractor's Verifiable cost plus	Percentage		5%

XI. Demolition Oversight

				Cost
1	Onsite Activities and Report	Cost Per Site		\$ 4,500.00

XII. Rush Premium

				Percentage
1	Items III thru VI results in 5 days			50%
2	Items III thru VI completed in 3 days			75%

XII. Coordination of MPCA Assurances

				Cost
1	Coordination with MPCA	Cost Per site		\$ 840.00