



- One of the subcontractor operators will be charged at the contract rate per the Mandatory Staff requirements of the contract. All other subcontractor costs, including but not limited to labor, equipment and materials will be charged to the NYSDEC with 8.75% tax and GES 10% mark up.
- Includes one GES Geologist and equipment. Geologist will collect and document field parameters, determine extent of excavation and provide overall oversight of the activities.
- Field team will stay near project site requiring out of town travel costs. Estimate includes Per Diem and Lodging for field team.
- Rate for roll off container to be delivered and transported to disposal facility is estimated at \$1,794.38 each. Estimate assumes 3 of rollofs.
- Per Ton rate disposal of large debris \$101.68. Assumes 20 Tons per roll off or 60 Tons total.
- Per cubic yard rate for imported bank run gravel backfill of \$11.97. Assumes backfilling 2 ft of a 165 feet by 165 feet excavation with this fill for a total of 2025 cubic yards of fill.
- 21 days of effort has been included to match current call out amount. GES' estimate to complete Phase I is 25 days.

ESTIMATE FOR 21 DAYS FOR PHASE I = \$299,544.45.

PHASE II

- 2 Turn windrows of soils with an Allu bucket mounted on an excavator until NYSDEC determines that the soils meet PID, visual and olfactory requirements. Remove large debris from piles as encountered and place in roll offs for disposal as non-hazardous waste. Once NYSDEC requirements are met, collect soil samples to be analyzed for VOCs and SVOCs.
 - Costs for the total effort cannot be accurately estimated as the duration of soil turning needed to reach NYSDEC requirements is unknown. GES has provided an estimated day rate for the soil turning service. As Phase I nears completion, GES will submit a detailed cost estimate for Phase II.
 - Disposal included as part of soil moving and excavation scope above.
 - Per Day rate of \$3,536.21 for GES' subcontractor equipment and labor. This day rate is based on a 10 hour day and includes:
 - Excavator with Allu bucket and Operator.
 - 3.5 Cubic Yard Loader and Operator
 - Misc Hand Tools and PPE
 - Per Diem and Lodging
 - One of the subcontractor operators will be charged at the contract rate per the Mandatory Staff requirements of the contract. All other subcontractor costs, including but not limited to labor, equipment and materials will be charged to the NYSDEC with 8.75% tax and GES 10% mark up.



- Includes one GES Geologist and equipment. Geologist collect and document field parameters, collect confirmation soil samples and provide overall oversight of the activities.
- Field team will stay near project site requiring out of town travel costs. Estimate includes Per Diem and Lodging for field team.
- 1 confirmation soil sample will be collected per 1,000 cubic yards and sent to Upstate Laboratories for analysis. Upstate Laboratories will contract with and invoice analytical costs directly to the NYSDEC.

DAY RATE ESTIMATE FOR PHASE II = \$4,668.93

ESTIMATE FOR 30 DAYS OF MIXING = \$140,067.90

PHASE III

- 3 Once soils meet NYSDEC treatment requirements, they will be placed back in the open excavation or graded out on site.
 - Costs for this effort have not been included in this estimate as the amount of soil turning required to reach treatment requirements is unknown at this time. GES will provide a time and cost estimate for this scope when soils approach the field treatment requirements.

TOTAL ESTIMATE FOR PHASE III = To Be Determined.

REPORTING

- 4 The completion of a summary report documenting activities performed on site.
 - Standard GES status report format summarizing activities and tabulation of laboratory analytical data.
 - Costs for this effort have not been included in this estimate at this time. GES will provide a time and cost estimate for this scope when Phase I nears completion.

TOTAL ESTIMATE FOR REPORTING = To Be Determined.

GENERAL ASSUMPTIONS

- 5 Other General Assumptions
 - All additional materials will be invoiced at cost plus 10%.
 - Costs are based on non-prevailing wage rates.
 - All work will be conducted using Loss Prevention System tools including but not limited to the capture, investigation and reporting of Near Losses and Losses as they occur.
 - All subcontractor costs include GES' mark up of 10% and 8.25% tax.

*Estimate for Excavation and Soil Mixing
NYSDEC Spill #88-09026
August 28, 2011*



Based on GES' estimates, the current call out amount of \$300,000 will cover approximately 21 days of Phase I. GES will mobilize and begin work on Phase I under the existing call out once NYDEC approves of our estimate. During this work, GES will monitor and keep the NYDEC aware of the total effort put into the project. A detailed breakdown of the proposed costs is attached.

At this time, GES' preliminary total estimate to complete Phase I in 25 days, Phase II 30 days, and a summary report, all as detailed above, will be **\$488,387.60**. If you have any questions regarding our proposal or require additional information, please call me at 800 220 3069 ext 4061.

Sincerely,

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

A handwritten signature in black ink, appearing to read "Justin Domago", written over a horizontal line.

Justin Domago
Project Manager

Attachments



Groundwater & Environmental Services, Inc.

CENTRAL NEW YORK OFFICE

August 22, 2011

Mr. Peter Ouderkirk
10 Industrial Highway
Lester, PA 19029

**Re: Estimate for Excavation and Soil Mixing
Matt/Grace Petroleum
201 Leland Ave., Utica, NY (Oneida Co.)
Spill# 88-09026**

Dear Mr. Ouderkirk:

Groundwater & Environmental Services, Inc. (GES) is pleased to provide you with this proposal for the completion of excavation, soil mixing, sampling and reporting activities at the Matt/Grace Petroleum site in Utica, NY. The associated costs were based on the Scope of Work (SOW) provided in the Call Out received on August 15, 2011, email/phone conversations with you. This is an estimate only. Actual costs will be submitted on applications for payment for the DEC's review and approval in accordance with the terms of the standby contract. The provided costs include the following services and assumptions:

PHASE I

- 1 Move approximately 10,000 cubic yards of staged soils and place in wind rows at a new location on the site. Excavate and additional 10,000 cubic yards of soil and place in wind rows with the currently staged soils. Remove large debris from soil piles and place in roll off containers for disposal as non-hazardous waste.
 - Site is secured with perimeter fence.
 - Total depth of excavation will be between 8 and 10 feet below grade.
 - Compaction of excavation is not required.
 - Dewatering of excavation is not required.
 - Installation of silt fence for sediment control along the northern boundary of the work area. Assumes 250 feet of fence.
 - Per Day rate of \$8,513.26 for GES' subcontractor equipment and labor. This day rate is based on a 10 hour day and includes:
 - 300 Series Excavators and Operator.
 - 3.5 Cubic Yard Loader and Operator
 - JD 750 Bulldozer and Operator
 - Two Off Road Dump Trucks and Operators
 - 1 Laborer
 - 2 Pick-up Trucks
 - Misc Hand Tools & PPE
 - Per Diem and Lodging

Estimate for Excavation and Soil Mixing
NYSDEC Spill #88-09026
August 28, 2011



Proposal

PROPOSAL FOR: New York State Dept. of Environmental Conservation

**Facility:**

201 Leland Ave
Utica NY 13501

GES Project No:

Client Eng: Peter Ouderkirk

Client Authorization (e.g., PO):

Proposed Scope and Costing

Proposal Name/Title: Soil Excavation and Handling

Total "GROSS" Budget: \$300,000.00

Scope of Work

Phase I:

- Move 10,000 Cubic Yards of staged soil to new location on site.
- Excavate and pile additional 10,000 Cubic Yards of soil.
- Work all 20,000 Cubic Yards of soil into windrows
- Dispose of 3 roll offs of debris as non-hazardous waste
- Backfill 2 feet of estimated 165 ft x 165 ft excavation with bank run gravel (2025 Cubic Yards)
- Includes 21 days.

08 General Consulting Services

Ph/Tsk/Act	Item No.	Description	Class	UOM	Rate	Item Qty	Item Total
08/229	NA	Soil Excavation PHASE I: Move, Dig, Stage Soils	T&M	Each	\$288,515.18	1	\$288,515.18
08/290	NA	Waste Disposal PHASE I: Debris disposal	T&M	Each	\$11,484.82	1	\$11,484.82

08 General Consulting Services Total:\$300,000.00

Details for Time and Materials (T+M) Contract Items**T+M Breakout for: Soil Excavation**

Ph/Tsk/Act 08/229 Details: PHASE I: Move, Dig, Stage Soils

Qty Subtotal Total
1\$288,515.18\$288,515.18

Code	Description	Qty	Ext. Qty	Unit	Rate	Total
A3	L-2 Data Processor Support	0.25	21	/hr	\$16.30	\$85.57
P2-hydro	L-11 Geologist Day rate	11	21	/hr	\$57.13	\$13,197.03
P2-hydro	L-11 Geologist Prep & Coordination	8	1	/hr	\$57.13	\$457.04
P4-pm	L-19 Project Manager Prep and Coordination	6	1	/hr	\$58.10	\$348.60
P4-pm	L-19 Project Manager Day rate	0.5	21	/hr	\$58.10	\$610.05
XX	Miscellaneous To make proposal match call out	445.55	1	\$	\$1.00	\$445.55
	Vendor - Materials, Misc. Silt Fence per foot	5	250	\$+10%	\$1.10	\$1,375.00
	Subcontractor - Excavation Mand. Operator Reg Time HRLY	0	200	\$+10%	\$1.10	\$0.00
	Subcontractor - Excavation Mand. Operator OT HRLY	0	50	\$+10%	\$1.10	\$0.00
	Subcontractor - Excavation Mand. Operator Day Rate	451.9	21	\$+10%	\$1.10	\$10,438.89
	Subcontractor - Excavation Day Rate w/o					

	Mandatory Operator	9228.61	21	\$+10%	\$1.10	\$213,180.89
	Subcontractor - Excavation Mob/demob	13050	1	\$+10%	\$1.10	\$14,355.00
	Vendor - Materials, Fill Bank Run Gravel per Cu Yd	10.88	2025	\$+10%	\$1.10	\$24,235.20
	Travel - PerDiem/Meals	46	21	/\$	\$1.00	\$966.00
	Travel - Lodging	77	16	/\$	\$1.00	\$1,232.00
HE055	E-055 PID w/calibration kit/HNU Hr Day Rate	11	21	HR	\$15.49	\$3,578.19
LVE999	LVE NYSDEC Day Rate	11	21	HR	\$1.10	\$254.10
E002H	E-002 Light Duty Vehicle - Hr Day Rate	11	21	HR	\$16.26	\$3,756.06

T+M Breakout for: Waste Disposal

Ph/Tsk/Act 08/290 Details: PHASE I: Debris disposal

Qty	Subtotal	Total
1	\$11,484.82	\$11,484.82

Code	Description	Qty	Ext. Qty	Unit	Rate	Total
	Waste Subcontractor - Disposal Per ton	92.45	60	\$+10%	\$1.10	\$6,101.70
	Subcontractor - Waste Delivery & transport to disposal facility	1631.25	3	\$+10%	\$1.10	\$5,383.12

TOTAL T&M COSTS: \$300,000.00**TOTAL UC COSTS: \$0.00****TOTAL GES CONTRACT AMOUNT: \$300,000.00****TOTAL DIRECT COSTS: \$0.00****TOTAL CLIENT AMOUNT: \$300,000.00****Approvals:**

This breakdown is provided for informational purposes only. Actual costs will be submitted on applications for payment for the DEC's review and approval in accordance with the terms of the standby contract. Standby contractor will proceed with call out authorization in accordance with the terms of the standby contract without DEC approval of this estimate.

Client: _____ Date: _____ GES: _____ Date: _____

Groundwater & Environmental Services, Inc.
 Proposal No. NY/C-2011-0086-00

8/19/2011