



# SCHEDULE OF COSTS

## WORK PERFORMED JANUARY 1 – DECEMBER 31, 2025

### MICHIGAN UNDERGROUND STORAGE TANK AUTHORITY

This document establishes a schedule of costs that itemizes corrective actions that are generally conducted at a site and lists an allowable reimbursement amount that may be paid for each corrective action as part of a claim under Part 215. Changes from previous Schedule are identified in **bold, red text**. See Accompanying Notes document for additional information.

Code #	Task/Item Description	Activity Description	Unit	Maximum Allowed
<b>BF-1</b>	<b>Backfill</b>	Sand Transport, Placement, and Compaction <b>(Note 4)</b>	<b>Per Bid</b>	<b>Per Bid</b>
<b>BF-2</b>	<b>Backfill</b>	21AA Transport, Placement, and Compaction <b>(Note 4)</b>	<b>Per Bid</b>	<b>Per Bid</b>
<b>BF-3</b>	<b>Backfill</b>	Peastone Transport, Placement, and Compaction <b>(Note 4)</b>	<b>Per Bid</b>	<b>Per Bid</b>
<b>Bid-1</b>	<b>Required Competitive Bid Item</b>	Excavation, Transport, and Disposal of Contaminated Soils, Purchase and Compaction of Backfill (unless charged separately) that is not Performed as an Initial Response Action (Note 4)	Per Bid	Per Bid
<b>Bid-2</b>	<b>Required Competitive Bid Item (Note 2)</b>	Liquid recovery and disposal that is not Performed as an Initial Response Action (Note 4)	Per Bid	Per Bid
<b>Bid-3</b>	<b>Required Competitive Bid Item (Note 2)</b>	<b>Labor exceeding \$6,000.00 of Engineering Design and Generation of Bid Specifications of Treatment Systems / Vapor Mitigation Systems.</b>	Per Bid	Per Bid
<b>Bid-4</b>	<b>Required Competitive Bid Item (Note 2)</b>	<b>Purchase</b> , Construction/Installation of Treatment System	Per Bid	Per Bid
<b>Bid-5</b>	<b>Required Competitive Bid Item (Note 2)</b>	Decommissioning of Treatment System	Per Bid	Per Bid
<b>Bid-6</b>	<b>Required Competitive Bid Item (Note 2)</b>	Water Supply Well Abandonment/Replacement	Per Bid	Per Bid
<b>Bid-7</b>	<b>Required Competitive Bid Item (Note 2)</b>	<b>All Drilling Services exceeding the capacity of a rig equivalent to a 7000 series "DT" drill rig.</b>	Per Bid	Per Bid
<b>Bid-8</b>	<b>Required Competitive Bid Item (Note 2)</b>	Drilling in Bedrock	Per Bid	Use Code Bid-7

**MUSTA -SCHEDULE OF COSTS FOR WORK PERFORMED JAN – DEC 2025**

<b>Code #</b>	<b>Task/Item Description</b>	<b>Activity Description</b>	<b>Unit</b>	<b>Maximum Allowed</b>
<b>Bid-9</b>	<b>Required Competitive Bid Item (Note 2)</b>	Drilling in Unconsolidated Soils Greater than 60 ft. bgs. per boring	Per Bid	Use Code Bid-7
<b>Bid-10</b>	<b>Required Competitive Bid Item (Note 2)</b>	Sonic Drilling	Per Bid	Use Code Bid-7
<b>Bid-11</b>	<b>Required Competitive Bid Item (Note 2)</b>	Ultra Violet Optical Screening (And comparable technologies including Laser Induced Fluorescence, Hydraulic Profiling Tool, Membrane Interface Probe, Electrical Conductivity)	Per Bid	Per Bid
<b>Bid-12</b>	<b>Required Competitive Bid Item (Note 2)</b>	Mobile Laboratory Services	Per Bid	Per Bid
<b>Bid-13</b>	<b>Required Competitive Bid Item (Note 2)</b>	Repair or Replacement of Blacktop/Concrete Surface Cover (If not bid as part of an eligible and necessary corrective action activity)	Per Bid	Per Bid
<b>Bid-14</b>	<b>Required Competitive Bid Item (Note 2)</b>	Professional Surveyor Services exceeding \$2,000	Per Bid	Per Bid
<b>Bid-15</b>	<b>Required Competitive Bid Item (Note 2)</b>	Design, Purchase, Construction, and Installation of Vapor Mitigation Systems (Passive or Active) Includes installation of vapor barriers.	Per Bid	Per Bid
<b>Bid-16</b>	<b>Required Competitive Bid Item (Note 2)</b>	<b>Air Knife Services exceeding 5-34 and used for a purpose other than borehole clearance or used to advance boreholes without a 'drill' rig.</b>	<b>Per Bid</b>	<b>Per Bid</b>
<b>Bid-17</b>	<b>Required Competitive Bid Item (Note 2)</b>	<b>Demolition of structures as a necessary corrective action to achieve restricted closure (pre-approval of the Administrator is required)</b>	<b>Per Bid</b>	<b>Per Bid</b>
<b>1-1</b>	<b>Consultant Labor (Note 3)</b>	Professional 4	Hour	<b>\$160.00</b>
<b>1-2</b>	<b>Consultant Labor (Note 3)</b>	Professional 3	Hour	<b>\$122.00</b>
<b>1-3</b>	<b>Consultant Labor (Note 3)</b>	Professional 2	Hour	NA
<b>1-4</b>	<b>Consultant Labor (Note 3)</b>	Professional 1	Hour	<b>\$101.00</b>
<b>1-5</b>	<b>Consultant Labor (Note 3)</b>	Technician 3	Hour	<b>\$91.00</b>
<b>1-6</b>	<b>Consultant Labor (Note 3)</b>	Technician 2	Hour	<b>\$79.00</b>
<b>1-7</b>	<b>Consultant Labor (Note 3)</b>	Technician 1	Hour	<b>\$69.00</b>
<b>1-8</b>	<b>Consultant Labor (Note 3)</b>	CAD/GIS/Drafting	Hour	<b>\$84.00</b>

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<b>Code #</b>	<b>Task/Item Description</b>	<b>Activity Description</b>	<b>Unit</b>	<b>Maximum Allowed</b>
<b>1-9</b>	<b>Consultant Labor (Note 3)</b>	Clerical/Administrative	Hour	<b>\$66.00</b>
<b>2-1</b>	<b>Consultant Travel Expenses</b>	Mileage	Mile	"IRS business standard mileage rate for the calendar year" rounded up to full cent
<b>2-2</b>	<b>Consultant Travel Expenses</b>	Hotel Costs	Night	Use Code 2-4
<b>2-3</b>	<b>Consultant Travel Expenses</b>	Meal Expense	Day	
<b>2-4</b>	<b>Consultant Travel Expenses</b>	Per Diem (Hotel + Meals) Per Diem requires overnight stay supported by hotel receipt. Pre-approval may be sought for areas of the state with higher than normal hotel rates. Meal receipts not required.	Day	\$190.00
<b>3-1</b>	<b>Consultant Mark- Up of Subcontractor Invoices</b>	Invoices <b>/competitive bids</b> up to \$50,000	%	10%
<b>3-2</b>	<b>Consultant Mark- Up of Subcontractor Invoices</b>	Invoices <b>/competitive bids</b> between \$50,000.01 and \$249,999.99	%	7%
<b>3-3</b>	<b>Consultant Mark- Up of Subcontractor Invoices</b>	Invoices <b>/competitive bids</b> equal to or greater than \$250,000	%	5%
<b>3-4</b>	<b>Consultant Mark- Up of Non- Subcontractor Expenses</b>	Consultant markup on items not on the MUSTA Schedule of Costs, i.e. "NL". Includes postage, bonds, eligible permit related expenses, etc.	%	3%
<b>4-1</b>	<b>Equipment &amp; Supplies</b>	2 kW Generator	Day	Use Code 4-3
<b>4-2</b>	<b>Equipment &amp; Supplies</b>	4-Gas meter with PID Includes calibration kit, calibration gas, regulator. (Cannot be charged in concurrence with a PID (4-28))	Day	\$120.00
<b>4-2a</b>	<b>Equipment &amp; Supplies</b>	4-Gas meter with or without LEL Includes calibration kit, calibration gas, regulator.	Day	\$60.00
<b>4-3</b>	<b>Equipment &amp; Supplies</b>	Up to 8.5 kW Generator	Day	\$125.00
<b>4-4</b>	<b>Equipment &amp; Supplies</b>	Air Sampling Pump (variable flow)	Day	<b>Use Code 13-5</b>
<b>4-5</b>	<b>Equipment &amp; Supplies</b>	Concrete Saw with Blade	Day	<b>\$160.00</b>
<b>4-6</b>	<b>Equipment &amp; Supplies</b>	Coring Machine with bit	Day	\$185.00
<b>4-7</b>	<b>Equipment &amp; Supplies</b>	Electric Jackhammer <b>with bit</b>	Day	\$115.00
<b>4-8</b>	<b>Equipment &amp; Supplies</b>	Encore Samplers	Each	Not Eligible
<b>4-9</b>	<b>Equipment &amp; Supplies</b>	Ferrous Iron Kits for Colorimeter	Each	\$20.00

**MUSTA -SCHEDULE OF COSTS FOR WORK PERFORMED JAN – DEC 2025**

<b>Code #</b>	<b>Task/Item Description</b>	<b>Activity Description</b>	<b>Unit</b>	<b>Maximum Allowed</b>
<b>4-10</b>	<b>Equipment &amp; Supplies</b>	Flame Ionization Detector (FID) (Includes calibration kit, cal. gas, regulator.)	Day	<b>NL</b>
<b>4-11</b>	<b>Equipment &amp; Supplies</b>	Item Removed - Should now be NL		
<b>4-12</b>	<b>Equipment &amp; Supplies</b>	Gas/Hydraulic Grout Pump	Day	\$300.00
<b>4-13a</b>	<b>Equipment &amp; Supplies</b>	Utility Locating Equipment - Consultant only (Including but not limited to ground penetrating radar, magnetic and electromagnetic, and frequency location equipment, etc. Includes magnetometer, metal detector, utility wand.) Subcontractor refer to Code 5-30a)	1/2 Day	\$400.00
<b>4-13b</b>	<b>Equipment &amp; Supplies</b>	Utility Locating Equipment - Consultant only (Including but not limited to ground penetrating radar, magnetic and electromagnetic, and frequency location equipment, etc. Includes magnetometer, metal detector, utility wand.) Subcontractor refer to Code 5-30a)	Day	\$600.00
<b>4-14</b>	<b>Equipment &amp; Supplies</b>	Groundwater Metals Filters	Each	\$18.00
<b>4-15</b>	<b>Equipment &amp; Supplies</b>	HACH Colorimeter	Day	<b>\$64.00</b>
<b>4-16</b>	<b>Equipment &amp; Supplies</b>	Hand Auger (Ineligible on dates where Direct Push or Drilling Activities occur.)	Day	<b>\$50.00</b>
<b>4-17</b>	<b>Equipment &amp; Supplies</b>	Hand Sediment Sampler (core-type)	Day	<b>\$75.00</b>
<b>4-18</b>	<b>Equipment &amp; Supplies</b>	Dedicated GPS Unit	Day	\$85.00
<b>4-19</b>	<b>Equipment &amp; Supplies</b>	Hand-Held Magnetometer or Metal Detector	Day	\$35.00
<b>4-20</b>	<b>Equipment &amp; Supplies</b>	Hand-Held Manometer (pressure gauge)	Day	\$35.00
<b>4-21</b>	<b>Equipment &amp; Supplies</b>	LNAPL Skimmer Pump (down-well)	Day	\$100.00
<b>4-22</b>	<b>Equipment &amp; Supplies</b>	Multi-Parameter Meter pH, ORP, Conductivity, Temperature, <b>with or without Turbidity</b> , Flow Cell, Cables, <b>and all other needed equipment</b>	Day	\$160.00
<b>4-23</b>	<b>Equipment &amp; Supplies</b>	Oil in Soil (NAPL shake test) Test Kits	Each	\$13.00
<b>4-24</b>	<b>Equipment &amp; Supplies</b>	Oil/Water Interface Probe	Day	\$50.00
<b>4-25</b>	<b>Equipment &amp; Supplies</b>	Particulate Meter	Day	\$100.00
<b>4-26</b>	<b>Equipment &amp; Supplies</b>	Peristaltic Pump	Day	\$40.00
<b>4-27</b>	<b>Equipment &amp; Supplies</b>	pH Meter	Day	\$25.00

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<b>Code #</b>	<b>Task/Item Description</b>	<b>Activity Description</b>	<b>Unit</b>	<b>Maximum Allowed</b>
<b>4-28</b>	<b>Equipment &amp; Supplies</b>	Photoionization Detector (PID) Includes calibration kit, calibration gas, regulator. Cannot be charged in conjunction with a 4-gas meter with PID (4-2).	Day	\$100.00
<b>4-29</b>	<b>Equipment &amp; Supplies</b>	Pressure Washer (cold-water)	Day	\$125.00
<b>4-30</b>	<b>Equipment &amp; Supplies</b>	Pressure Washer (hot-water)	Day	\$200.00
<b>4-31</b>	<b>Equipment &amp; Supplies</b>	Smoke-Testing Equipment	Day	\$125.00
<b>4-32</b>	<b>Equipment &amp; Supplies</b>	Static Water Tape	Day	\$30.00
<b>4-33</b>	<b>Equipment &amp; Supplies</b>	Submersible Pump (down-well)	Day	\$35.00
<b>4-34</b>	<b>Equipment &amp; Supplies</b>	Submersible Sampling Pump w/ Voltage Regulator	Day	<b>\$130.00</b>
<b>4-35</b>	<b>Equipment &amp; Supplies</b>	Soil Gas Sampling Equipment Includes shroud, tracer gas regulator, tracer gas detector, barometers, flow meter, pumps, connection tubing, T-connectors, valves, and connectors.	Day	\$225.00
<b>4-36</b>	<b>Equipment &amp; Supplies</b>	Support Vehicle	Day	\$95.00
<b>4-36a</b>	<b>Equipment &amp; Supplies</b>	Support Vehicle (4.0 hours or less)	1/2 Day	\$50.00
<b>4-37</b>	<b>Equipment &amp; Supplies</b>	Survey Scope and Rod or Rotary Laser Level with Receiver	Day	\$75.00
<b>4-38</b>	<b>Equipment &amp; Supplies</b>	Total Station Survey Equipment <b>or High Accuracy GPS Unit</b>	Day	\$150.00
<b>4-39</b>	<b>Equipment &amp; Supplies</b>	Turbidity Meter	Day	\$35.00
<b>4-40</b>	<b>Equipment &amp; Supplies</b>	Utility Wand	Day	\$25.00
<b>4-41</b>	<b>Equipment &amp; Supplies</b>	Water Traps for PID	Each	\$9.00
<b>4-42</b>	<b>Equipment &amp; Supplies</b>	All miscellaneous field supplies and tools of the trade including but not limited to: baggies, barometers, brooms, <b>camera</b> , circular saws, power inverters, decontamination detergent, extension cords, field books, garbage bags, general office supplies, gloves, hammers, hand saws, ice, <b>laptop/tablet</b> , Level D personal protective equipment, measuring wheels, paper towel, pliers, power drills, rakes, reciprocating saws, scissors/utility knives, screwdrivers, shop vac, string/rope, saber saws, tape measures, taps, shovels, water for decontamination, water for QA/QC blanks, and related and/or similar items.	Day/Site	\$40.00

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<b>Code #</b>	<b>Task/Item Description</b>	<b>Activity Description</b>	<b>Unit</b>	<b>Maximum Allowed</b>
<b>4-43</b>	<b>Equipment &amp; Supplies</b>	Concrete Hammer Drill with Bit (only)	Day	\$60.00
<b>4-44</b>	<b>Equipment &amp; Supplies</b>	Sorbent Socks	Each	\$8.00
<b>4-45</b>	<b>Equipment &amp; Supplies</b>	Sorbent Pads	Each	\$5.00
<b>4-46</b>	<b>Equipment &amp; Supplies</b>	Meter - Methane, Carbon Dioxide, Oxygen (e.g. GEM 2000 meter)	Day	\$200.00
<b>4-47</b>	<b>Equipment &amp; Supplies</b>	HEPA vacuum for use during indoor concrete drilling	Day	\$50.00
<b>5-1</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	1" 10-slot PVC well screen (5' section)	Each	\$26.00
<b>5-2</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	1" Lockable well caps (j-plugs)	Each	\$10.00
<b>5-3</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	1" poly bailers	Each	\$12.00
<b>5-4</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	1" PVC well points	Each	\$15.00
<b>5-5</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	1" PVC well riser (5' section)	Each	\$19.00
<b>5-6</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	1" 20-slot PVC well screen (10' section)	Each	\$26.00
<b>5-7</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	1" 20-slot PVC well screen (5' section)	Each	\$19.00
<b>5-8</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	12" Cover	Each	\$150.00
<b>5-9</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	2" 20-slot PVC well screen (5' section)	Each	\$35.00
<b>5-10</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	2" 10-slot PVC well screen (5' section)	Each	\$35.00
<b>5-11</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	2" Lockable well caps (j-plugs)	Each	\$19.00
<b>5-12</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	2" poly bailers	Each	\$15.00

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<b>5-13</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	2" PVC well points	Each	\$19.00
<b>5-14</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	2" PVC well riser (10' section)	Each	\$35.00
<b>5-15</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	2" PVC well riser (5' section)	Each	\$27.00
<b>5-16</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	4" Square Stick Up	Each	\$165.00
<b>5-17</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	7" Monitoring Well Manhole/Flushmount	Each	\$70.00
<b>5-18</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	9" Monitoring Well Manhole/Flushmount	Each	\$85.00
<b>5-19</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Asphalt cold patch (50 lb. bag)	Each	\$20.00
<b>5-20</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Auger plugs (4.25")	Each	\$15.00
<b>5-21</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Bagged concrete (80 lb. bag)	Each	\$10.00
<b>5-22</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Bentonite Chips (50 lb. bag)	Each	\$20.00
<b>5-23</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Bentonite Gel (Powder) (50 lb. bag)	Each	\$20.00
<b>5-24</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Bentonite Granular (50 lb. bag)	Each	\$20.00
<b>5-25</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Drum, 55 gal. DOT steel	Each	\$95.00
<b>5-26</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Filter sand/gravel (50 lb. bag)	Each	\$15.00
<b>5-27</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Padlock	Each	\$16.00
<b>5-28a</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Poly tubing (0.375") - Various Types	Foot	\$0.35

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<b>Code #</b>	<b>Task/Item Description</b>	<b>Activity Description</b>	<b>Unit</b>	<b>Maximum Allowed</b>
<b>5-28b</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Silicone Tubing - Various Types (i.e. Master Flex)	Foot	\$6.50
<b>5-28c</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Teflon Tubing - Various Vapor Sampling Types	Foot	\$3.00
<b>5-29</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Portland cement (94 lb. bag)	Each	\$20.00
<b>5-30a</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Private Utility Location 1/2 Day - Subcontractor (mileage separate - Code 2-1) Inclusive of all equipment typical of the trade including, <u>but not limited to</u> , ground penetrating radar, magnetic and electromagnetic, and frequency location equipment, etc. Includes magnetometer, metal detector, utility wand.	1/2 Day	\$850.00
<b>5-30b</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Private Utility Location Full Day - Subcontractor (mileage separate - Code 2-1) Inclusive of all equipment typical of the trade, including, <u>but not limited to</u> , ground penetrating radar, magnetic and electromagnetic, and frequency location equipment, etc. Includes magnetometer, metal detector, utility wand.	Day	\$1,500.00
<b>5-31</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	See 5-31a		
<b>5-31a</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Screw on Stainless Steel or Brass Flush Mount Vapor Pin Cover	Each	\$40.00
<b>5-32</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Sub Slab Vapor Pin Includes Sleeve, Sealing Cap, O-Ring, Slip on Plastic Flush Mount Cover.	Each	\$70.00
<b>5-32b</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Soil Gas Implant, including all fittings, downhole sampling and dewatering tubing, connectors, valves, etc. Does not include manway or annular seal. (See 5-32 for Sub Slab Pin)	Each	\$50.00
<b>5-33</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Direct Push Sample Liners - 2.12" x 5'	Each	\$8.00
<b>5-34</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	Air Knife, includes tow vehicle and all necessary equipment to complete scope of work. Mobilization and labor included in drilling rates.	Day	\$800.00
<b>5-35</b>	<b>Misc. Drilling Activities &amp; Supplies</b>	<b>Disposable Traffic Cones</b>	<b>Each</b>	<b>\$6.00</b>



MUSTA -SCHEDULE OF COSTS FOR WORK PERFORMED JAN - DEC 2025

Code #	Task/Item Description	Activity Description	Unit	Maximum Allowed
6-1	Direct Push	<p>1/2 Day with Operator.</p> <ul style="list-style-type: none"> <li>- Includes labor to clear borings with hand auger and miscellaneous supplies and tools of the trade similar to those listed under Code 4-42.</li> <li>- Inclusive of all equipment including, but not limited to, <b>durable traffic cones</b>, generator, concrete saw w/ blade, jackhammer w/ bit, coring machine, hammer drill w/ bit, hand auger, pumps, pressure washer, skid steer, etc.</li> <li>- Excludes expendable materials.</li> <li>- One drillers assistant may be billed at the Technician 1 (1-7) Labor Rate.</li> </ul> <p>Includes when augers are advanced with a direct push rig.</p>	1/2 Day	\$1,200.00
6-2	Direct Push	<p>Full Day with Operator.</p> <ul style="list-style-type: none"> <li>- Includes labor to clear borings with hand auger and miscellaneous supplies and tools of the trade similar to those listed under Code 4-42.</li> <li>- Inclusive of all equipment including, but not limited to, <b>durable traffic cones</b> generator, concrete saw w/ blade, jackhammer w/ bit, coring machine, hammer drill w/ bit, hand auger, pumps, pressure washer skid steer, etc.</li> <li>- Excludes expendable materials.</li> <li>- One drillers assistant may be billed at the Technician 1 (1-7) Labor Rate.</li> </ul> <p>Includes when augers are advanced with a direct push rig.</p>	Day	\$1,900.00
6-3a	Direct Push	Expendable Drive Point for Water Sampling	Each	\$7.00
6-3b	Direct Push	Expendable Drive Point for Well Drilling	Each	\$45.00
6-4	Direct Push	<p>Primary Mob/Demob From Shop to Site / Site to Shop (0 - 100 miles round trip)</p> <p>Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.</p>	Each	\$200.00

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<b>Code #</b>	<b>Task/Item Description</b>	<b>Activity Description</b>	<b>Unit</b>	<b>Maximum Allowed</b>
<b>6-5</b>	<b>Direct Push</b>	Primary Mob/Demob From Shop to Site / Site to Shop (101 - 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	\$425.00
<b>6-6</b>	<b>Direct Push</b>	Primary Mob/Demob From Shop to Site / Site to Shop (greater than 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	\$1.70
<b>7-1</b>	<b>Drilling in Bedrock</b>	0 - 60' bgs per boring (greater than 60' bgs requires bidding) Rate includes driller helper and labor to clear borings with hand auger. Includes miscellaneous supplies and tools of the trade similar to those listed under Code 4-42. Includes all equipment including, but not limited to, generator, concrete saw w/ blade, jackhammer w/ bit, coring machine, hammer drill w/ bit, hand auger, grout and development pumps, pressure washer, etc. Excludes expendable materials.	Foot	Requires Competitive Bidding (BID-7)
<b>7-2</b>	<b>Drilling in Bedrock</b>	Primary Mob/Demob From Shop to Site / Site to Shop (0 - 100 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	Requires Competitive Bidding (BID-7)
<b>7-3</b>	<b>Drilling in Bedrock</b>	Primary Mob/Demob From Shop to Site / Site to Shop (101 - 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	Requires Competitive Bidding (BID-7)

Code #	Task/Item Description	Activity Description	Unit	Maximum Allowed
7-4	Drilling in Bedrock	Primary Mob/Demob From Shop to Site / Site to Shop (greater than 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Mile	Requires Competitive Bidding (BID-7)
8-1	Drilling in Unconsolidated Soils - With Soil Sampling (HSA)	0 - 60' bgs per boring (greater than 60' bgs requires bidding) Rate includes driller helper and labor to clear borings with hand auger. Includes miscellaneous supplies and tools of the trade similar to those listed under Code 4-42. Includes all equipment including, but not limited to, generator, concrete saw w/ blade, jackhammer w/ bit, coring machine, hammer drill w/ bit, hand auger, grout and development pumps, pressure washer, etc. Excludes expendable materials.	Foot	Requires Competitive Bidding (BID-7)
8-2	Drilling in Unconsolidated Soils - With Soil Sampling (HSA)	Primary Mob/Demob From Shop to Site / Site to Shop (0 - 100 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	Requires Competitive Bidding (BID-7)
8-3	Drilling in Unconsolidated Soils - With Soil Sampling (HSA)	Primary Mob/Demob From Shop to Site / Site to Shop (101 - 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	Requires Competitive Bidding (BID-7)
8-4	Drilling in Unconsolidated Soils - With Soil Sampling (HSA)	Primary Mob/Demob From Shop to Site / Site to Shop (greater than 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Mile	Requires Competitive Bidding (BID-7)

**MUSTA -SCHEDULE OF COSTS FOR WORK PERFORMED JAN - DEC 2025**

<b>Code #</b>	<b>Task/Item Description</b>	<b>Activity Description</b>	<b>Unit</b>	<b>Maximum Allowed</b>
<b>9-1</b>	<b>Limited Source Removal of Soils Performed as Initial Response (Note 4)</b>	<p>Primary Mob/Demob From Shop to Site / Site to Shop (0 - 100 miles round trip) Mobilization/demobilization not in association with UST pull or system upgrades shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.</p>	Each	\$500.00
<b>9-2</b>	<b>Limited Source Removal of Soils Performed as Initial Response (Note 4)</b>	<p>Primary Mob/Demob From Shop to Site / Site to Shop (101 - 250 miles round trip) Mobilization/demobilization not in association with UST pull or system upgrades shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.</p>	Each	\$1,000.00
<b>9-3</b>	<b>Limited Source Removal of Soils Performed as Initial Response (Note 4)</b>	<p>Primary Mob/Demob From Shop to Site / Site to Shop (greater than 250 miles round trip) Mobilization/demobilization not in association with UST pull or system upgrades shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.</p>	Mile	\$4.00
<b>9-4</b>	<b>Limited Source Removal of Soils Performed as Initial Response (Note 4)</b>	<p>Excavation, Transport, and Disposal of more than 50 total tons of eligible soils. Includes securing all necessary permits/ approvals. Not eligible in conjunction with Code 9-4a.</p> <p>*All subcontractor and landfill charges must be invoiced on a single MUSTA invoice (i.e. excavation/transport charges should not be invoiced on one MUSTA invoice and landfill charges on a subsequent MUSTA invoice).</p>	Ton	\$60.00
<b>9-4a</b>	<b>Limited Source Removal of Soils Performed as Initial Response (Note 4)</b>	<p>Excavation, Transport, and Disposal of not greater than 50 total tons of eligible soils. Includes securing all necessary permits/approvals. Not eligible in conjunction with 9-4.</p> <p>*All subcontractor and landfill charges must be invoiced on a single MUSTA invoice (i.e. excavation/transport charges should not be invoiced on one MUSTA invoice and landfill charges on a subsequent MUSTA invoice).</p>	Event	\$3,000.00

Code #	Task/Item Description	Activity Description	Unit	Maximum Allowed
9-5	Limited Source Removal of Contaminated Liquid Performed as Initial Response (Note 4)	Primary Mob/Demob From Shop to Site / Site to Shop (0 - 100 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	\$250.00
9-6	Limited Source Removal of Contaminated Liquid Performed as Initial Response (Note 4)	Primary Mob/Demob From Shop to Site / Site to Shop (101 - 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	\$500.00
9-7	Limited Source Removal of Contaminated Liquid Performed as Initial Response (Note 4)	Primary Mob/Demob From Shop to Site / Site to Shop (greater than 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Mile	\$2.00
9-8	Limited Source Removal of Contaminated Liquid Performed as Initial Response (Note 4)	Recovery, Transport, and Disposal of more than 1,000 total gallons of eligible liquids Not eligible in conjunction with Code 9-8a.	Gallon	\$0.70
9-8a	Limited Source Removal of Contaminated Liquid Performed as Initial Response (Note 4)	Recovery, Transport, and Disposal of not greater than 1,000 total gallons of eligible liquids Not eligible in conjunction with 9-8.	Event	\$700.00
9-9	Limited Source Removal of Contaminated Liquid Performed as Initial Response (Note 4)	<b>Sand Transport, Placement, and Compaction</b>	<b>Ton</b>	<b>\$28.00</b>
9-10	Limited Source Removal of Contaminated Liquid Performed as Initial Response (Note 4)	<b>21AA Transport, Placement, and Compaction</b>	<b>Ton</b>	<b>\$33.00</b>
9-11	Limited Source Removal of Contaminated Liquid Performed as Initial Response (Note 4)	<b>Peastone Transport, Placement, and Compaction</b>	<b>Ton</b>	<b>\$35.00</b>

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<b>Code #</b>	<b>Task/Item Description</b>	<b>Activity Description</b>	<b>Unit</b>	<b>Maximum Allowed</b>
<b>10-1</b>	<b>Waste Disposal</b>	Drill Cuttings Includes loading, transportation, disposal, and preparation of manifest(s).	Drum	<b>\$290.00</b>
<b>10-2</b>	<b>Waste Disposal</b>	Groundwater Sample and/or Purge Water Includes loading, transportation, disposal, and preparation of manifest(s).	Drum	<b>\$290.00</b>
<b>10-3</b>	<b>Waste Disposal</b>	Non-Aqueous Phase Liquid (NAPL) Includes loading, transportation, disposal, and preparation of manifest(s).	Drum	<b>\$400.00</b>
<b>10-4</b>	<b>Waste Disposal</b>	Primary Mob/Demob From Shop to Site / Site to Shop (0 - 100 miles round trip) <b>or “milk run”</b> Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	\$125.00
<b>10-5</b>	<b>Waste Disposal</b>	Primary Mob/Demob From Shop to Site / Site to Shop (101 - 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Each	\$250.00
<b>10-6</b>	<b>Waste Disposal</b>	Primary Mob/Demob From Shop to Site / Site to Shop (greater than 250 miles round trip) Mobilization/demobilization shall include all activities and associated costs for preparation, loading, and transportation of contractor's personnel, equipment, and operating supplies to and from the site.	Mile	\$1.00
<b>11-1</b>	<b>Laboratory Analysis-Soils (Method 8260B)</b>	BTEX, MTBE, TMB	Sample	Use Code 11-4
<b>11-2</b>	<b>Laboratory Analysis-Soils (Method 8270C)</b>	Polynuclear Aromatic Hydrocarbons (PNAs) or Polyaromatic Hydrocarbons (PAHs)	Sample	<b>\$85.00</b>
<b>11-3</b>	<b>Laboratory Analysis-Soils (Method 8260B)</b>	Volatile Organic Compounds (VOCs)	Sample	\$90.00
<b>11-4</b>	<b>Laboratory Analysis-Soils (Method 8260B)</b>	EGLE Unleaded Gasoline Parameters	Sample	<b>\$65.00</b>
<b>11-5</b>	<b>Laboratory Analysis-Soils (Method 8015B)</b>	Gasoline Range Organics (GRO)	Sample	<b>\$65.00</b>
<b>11-6</b>	<b>Laboratory Analysis-Soils (Method 8015B)</b>	Diesel Range Organics (DRO) and Oil Range	Sample	<b>\$75.00</b>

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Code #	Task/Item Description	Activity Description	Unit	Maximum Allowed
11-7	Laboratory Analysis-Soils (Method 8082A)	Polychlorinated Biphenyls (PCBs)	Sample	\$75.00
11-8	Laboratory Analysis-Soils (Method Walkley-Black Modified)	Fraction of Organic Carbon (FOC)	Sample	<b>\$75.00</b>
11-9	Laboratory Analysis-Soils (6000 Series)	Cadmium, Chromium, and Lead (Includes sample prep)	Sample	\$50.00
11-10	Laboratory Analysis-Soils (6000 Series)	<b>Soil - Michigan 10 Metals (includes sample prep)</b>	Sample	\$110.00
11-11	Laboratory Analysis-Soils (Method 1311)	Toxicity Characteristic Leaching Procedure (TCLP) - Extraction Process Only	Sample	\$75.00
11-12	Laboratory Analysis-Soils (Method 1312)	Synthetic Precipitation Leaching Procedure (SPLP) - Extraction Process Only	Sample	\$75.00
11-13	Laboratory Analysis - Soil	Lead or other single metal (Includes sample prep)	Sample	\$28.00
11-14	Laboratory Analysis - Soils	EGLE Leaded VOC Parameters	Sample	\$67.00
12-1	Laboratory Analysis-Water (Method 8260B)	BTEX, MTBE, TMB	Sample	Use Code 12-4
12-2	Laboratory Analysis-Water (Method 8270C)	Polynuclear Aromatic Hydrocarbons (PNAs) or Polyaromatic Hydrocarbons (PAHs)	Sample	<b>\$85.00</b>
12-3	Laboratory Analysis-Water (Method 8260B)	Volatile Organic Compounds (VOCs)	Sample	\$75.00
12-4	Laboratory Analysis-Water (Method 8260B)	EGLE Unleaded Gasoline Parameters	Sample	<b>\$65.00</b>
12-5	Laboratory Analysis-Water (Method 8015B)	Gasoline Range Organics (GRO)	Sample	<b>\$60.00</b>
12-6	Laboratory Analysis-Water (Method 8015B)	Diesel Range Organics (DRO) and Oil Range Organics (ORO)	Sample	Not Eligible
12-7	Laboratory Analysis-Water (Method 8082A)	Polychlorinated Biphenyls (PCBs)	Sample	\$70.00
12-8	Laboratory Analysis-Water (6000 Series)	Cadmium, Chromium, and Lead (Includes sample prep)	Sample	\$50.00

Code #	Task/Item Description	Activity Description	Unit	Maximum Allowed
12-9	Laboratory Analysis-Water (6000 Series)	Michigan 10 Metals (Includes sample prep)	Sample	\$110.00
12-10	Laboratory Analysis - Water	Lead or other single metal (Includes sample prep)	Sample	\$20.00
12-11	Laboratory Analysis - Water	EGLE Leaded VOC Parameters	Sample	\$70.00
12-12	Laboratory Analysis-Water (Method 8011)	Low Level Detection EDB	Sample	<b>\$65.00</b>
13-1	Sampling/Lab Analysis	Methanol Kit (Included in applicable laboratory analysis cost)	Each	Not Eligible
13-2	Laboratory Analysis - Air/Soil Gas	TO-15 Includes Summa Canister/Bottle Vac, Regulator Rental, Cleaning Fee.	Sample	\$250.00
13-2a	Laboratory Charge	Bottle Vac/Suma Cleaning Fee. Limited to 2 per event. (For compromised containers)	Each	<b>\$100.00</b>
13-3	Laboratory Charge	Disposal of Held Samples Disposal of analyzed samples is included in the sample analysis rate.	Chain-of-Custody	\$5.00
13-4	Laboratory Analysis - Air/Soil Gas	Vapor Sampling for PNAs (Includes both sample and blank media, and cleaning Fees)	Sample	<b>\$165.00</b>
13-5	Laboratory Charge	Air Sampling Pump Kit (includes calibration, cleaning, regulators, connectors, and fittings) for use with samples collected for PNA analysis.	Each	\$55.00

**PROGRAM CONTACT INFORMATION:**

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