

The Michigan Department of Transportation (MDOT) is seeking professional services for the project contained in the attached scope of services.

If your firm is interested in providing services, please indicate your interest by submitting a Proposal, Proposal/Bid Sheet or Bid Sheet as indicated below. The documents must be submitted in accordance with the latest "Consultant/Vendor Selection Guidelines for Service Contracts" and "Guideline for Completing a Low Bid Sheet(s)", if a low bid is involved as part of the selection process. **Referenced Guidelines are available on MDOT's website under Doing Business > Vendor/Consultant Services > Vendor/Consultant Selections.**

RFP SPECIFIC INFORMATION

BUREAU OF HIGHWAYS BUREAU OF TRANSPORTATION PLANNING ** OTHER

THE SERVICE WAS POSTED ON THE ANTICIPATED QUARTERLY REQUESTS FOR PROPOSALS

NO YES DATED 10/1/09 THROUGH 12/31/09

Prequalified Services – See page 1 of the attached Scope of Services for required Prequalification Classifications. **Non-Prequalified Services** - If selected, the vendor must make sure that current financial information, including labor rates, overhead computations, and financial statements, if overhead is not audited, is on file with MDOT's Office of Commission Audits. This information must be on file for the prime vendor and all sub vendors so that the contract will not be delayed. **(Form 5100J Required with Proposal)**

Qualifications Based Selection – Use Consultant/Vendor Selection Guidelines

For all Qualifications Based Selections, the section team will review the information submitted and will select the firm considered most qualified to perform the services based on the proposals. The selected vendor will be contacted to confirm capacity. Upon confirmation, that firm will be asked to prepare a priced proposal. Negotiations will be conducted with the firm selected.

****For RFP's that originate in Bureau of Transportation Planning only**, a priced proposal must be submitted at the same time as, but separate from, the proposal. Submit directly to the Contract Administrator/Selection Specialist, Bureau of Transportation Planning (see address list, page 2). The priced proposal must be submitted in a sealed envelope, clearly marked "**PRICE PROPOSAL.**" The vendor's name and return address **MUST** be on the front of the envelope. The priced proposal will only be opened for the highest scoring proposal. Unopened priced proposals will be returned to the unselected vendor(s). Failure to comply with this procedure may result in your priced proposal being opened erroneously by the mail room.

For a cost plus fixed fee contract, the selected vendor must have a cost accounting system to support a cost plus fixed fee contract. This type of system has a job-order cost accounting system for the recording and accumulation of costs incurred under its contracts. Each project is assigned a job number so that costs may be segregated and accumulated in the vendor's job-order accounting system.

Qualifications Review / Low Bid - Use Consultant/Vendor Selection Guidelines. See Bid Sheet Instructions for additional information.

For Qualification Review/Low Bid selections, the selection team will review the proposals submitted and post the date of the bid opening on the MDOT website. The notification will be posted at least two business days prior to the bid opening. Only bids from vendors that meet proposal requirements will be opened. The vendor with the lowest bid will be selected. The selected vendor may be contacted to confirm capacity.

Best Value - Use Consultant/Vendor Selection Guidelines. See Bid Sheet Instructions below for additional information. The bid amount is a component of the total proposal score, not the determining factor of the selection.

Low Bid (no qualifications review required - no proposal required.) See Bid Sheet Instructions below for additional instructions.

BID SHEET INSTRUCTIONS

A bid sheet(s) must be submitted in accordance with the "Guideline for Completing a Low Bid Sheet(s)" (available on MDOT's website). The Bid Sheet(s) is located at the end of the Scope of Services. Submit bid sheet(s) separate from the proposal, to the address indicated below. The bid sheet(s) must be submitted in a sealed manila envelope, clearly marked "**SEALED BID.**" The vendor's name and return address **MUST** be on the front of the envelope. Failure to comply with this procedure may result in your bid being opened erroneously by the mail room and the bid being rejected from consideration.

PROPOSAL SUBMITTAL INFORMATION

REQUIRED NUMBER OF COPIES FOR PROJECT MANAGER 3	PROPOSAL/BID DUE DATE 11/13/09	TIME DUE 11:00 am
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PROPOSAL AND BID SHEET MAILING ADDRESSES

Mail the multiple proposal bundle to the MDOT Project Manager or Other indicated below.

MDOT Project Manager

Jim Woodruff
Construction & Technology Support Area
8885 Ricks Road
Lansing, Michigan 48909

MDOT Other

Bid Opening at 11:30 a.m. on 11/13/09
Construction & Technology Division
8885 Ricks Road
Lansing, Michigan

Mail one additional stapled copy of the proposal to the Lansing Office indicated below.

Lansing Regular Mail**OR****Lansing Overnight Mail**

Secretary, Contract Services Div - B470
Michigan Department of Transportation
PO Box 30050
Lansing, MI 48909

Secretary, Contract Services Div - B470
Michigan Department of Transportation
425 W. Ottawa
Lansing, MI 48933

Contract Administrator/Selection Specialist
Bureau of Transportation Planning B470
Michigan Department of Transportation
PO Box 30050
Lansing, MI 48909

Contract Administrator/Selection Specialist
Bureau of Transportation Planning B470
Michigan Department of Transportation
425 W. Ottawa
Lansing, MI 48933

GENERAL INFORMATION

Any questions relative to the scope of services must be submitted by e-mail to the MDOT Project Manager. Questions must be received by the Project Manager at least four (4) working days prior to the due date and time specified above. All questions and answers will be placed on the MDOT website as soon as possible after receipt of the questions, and at least three (3) days prior to the RFP due date deadline. The names of vendors submitting questions will not be disclosed.

MDOT is an equal opportunity employer and MDOT DBE firms are encouraged to apply. The participating DBE firm, as currently certified by MDOT's Office of Equal Opportunity, shall be listed in the Proposal

MDOT FORMS REQUIRED AS PART OF PROPOSAL SUBMISSION

5100D – Request for Proposal Cover Sheet

5100G – Certification of Availability of Key Personnel

5100I – Conflict of Interest Statement

5100J - Consultant Data and Signature Sheet (Required only for Non-Prequalified Work)

(These forms are not included in the proposal maximum page count.)

**SOLICITATION OF INTEREST
for
UNDERGROUND STORAGE TANK REMOVAL SERVICES**

The Michigan Department of Transportation (MDOT) will receive sealed bids from firms to provide underground storage tank removal services in the following regions:

Bay Region, which consists of the following counties: Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Isabella, Lapeer, Midland, Saginaw, Sanilac, and Tuscola;

Grand Region, which consists of the following counties: Ionia, Kent, Mecosta, Montcalm, Muskegon, Newaygo, Oceana, and Ottawa;

Metro Region, which consists of the following counties: Macomb, Oakland, St. Clair, Wayne;

North Region, which consists of the following counties: Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Lake, Leelanau, Manistee, Mason, Missaukee, Montmorency, Ogemaw, Osceola, Oscoda, Otsego, Presque Isle, Roscommon and Wexford;

Southwest Region, which consists of the following counties: Allegan, Barry, Berrien, Branch, Calhoun, Cass, Kalamazoo, St. Joseph, and Van Buren;

Superior Region, which consists of all counties in Michigan's Upper Peninsula; and

University Region, which consists of the following counties: Clinton, Eaton, Hillsdale, Ingham, Jackson, Lenawee, Livingston, Monroe, Shiawassee, and Washtenaw.

MDOT proposes to enter into a three-year contract for underground storage tank removal services in each region listed above. If you are prequalified in Underground Storage Tank Removal and interested in any or all of the regions listed above, please submit a bid sheet for each region you would like to be considered for in accordance with the "Guidelines for Completing a Low Bid Sheet and Acceptance/Rejection of Bids" by November 13, 2009, at 11:00 a.m. to:

**Jim Woodruff
Michigan Department of Transportation, Secondary Complex
Construction & Technology Division
8885 Ricks Road
P.O. Box 30049
Lansing, Michigan 48909
(517) 322-1205**

The lowest "Total Bid" price on the bid sheet for each region will be used for selection. Multiple contracts may be issued from this selection.

A public bid opening will be held on November 13, 2009, at 11:30 a.m. at the following location:

**Michigan Department of Transportation
Construction & Technology Division
Secondary Complex
8885 Ricks Road
Lansing, Michigan**

MDOT is an equal opportunity employer and MDOT DBE firms are encouraged to apply. Participating DBE firms currently certified by MDOT's Office of Equal Opportunity should be listed in the Letter of Interest.

Any questions relative to the scope should be submitted in writing or by e-mail to Jim Woodruff at woodruffj@michigan.gov.

SCOPE OF SERVICE UNDERGROUND STORAGE TANK REMOVAL

I. Scope Description

MDOT frequently discovers underground gasoline, diesel fuel and heating oil storage tanks during road and bridge construction. The tanks are located within MDOT right-of-way and have been buried for many years. The tanks and/or piping have sometimes leaked resulting in contamination of the soil adjacent to the tank. This service consists of pumping residual liquid or sludge remaining in the underground storage tanks (USTs) and piping, purging combustible vapors from the tanks, removing and dismantling the USTs, removing any tank related items including electrical wiring, collecting site assessment soil and/or water samples, backfilling the resultant hole as specified, and proper transport and disposal of all materials removed. Excavation of contaminated soil may be necessary, depending on site specific circumstances. This service may also consist of removing tanks at MDOT facilities.

II. MDOT Responsibilities

- A. Register regulated underground storage tanks with the Michigan Department of Environmental Quality (MDEQ).
- B. Provide MDEQ with a 30 day notice waiver request.
- C. Get a site generator number from MDEQ if necessary.
- D. Notify the Consultant of the tank's existence and provide them with location information.
- E. Authorize the consultant to remove the tank(s) and perform other related work.
- F. Provide scope and background information with the authorization.
- G. Determine if contaminated soil needs to be removed from the site.
- H. Determine if the tank is to be removed or closed in place.
- I. Determine if contaminated soil can be returned to excavation or must be land filled.
- J. Determine if water in excavation should be removed.
- K. Determine if and how much excavation work is needed beyond what is required to remove the UST.
- L. Review and sign any manifests or designate consultant to sign manifests if appropriate.

III. Consultant Responsibilities - the consultant may be authorized to do all or some of the following:

- A. Be at the removal site and ready to begin excavation within seven work days of being authorized by MDOT, unless otherwise stated in the authorization.
- B. Provide a site specific health and safety plan to the Project Manager prior to mobilizing to the site.
- C. Contact the Project Manager as soon as the tank removal is scheduled to allow him or her to be onsite.

- D. Sample the tank residual contents to get approval for proper disposal. Provide analytical results to the Project Manager for approval of disposal alternatives.
- E. Follow API Recommended Practice 1604, Third Edition, March 1996: Closure of Underground Petroleum Storage Tanks.
- F. Remove the tank from the ground, or properly close it in place per the written authorization.
- G. Collect soil samples and/or water samples from under the tank and piping according to Michigan Department of Environmental Quality guidance on Site Assessments for Underground Storage Tank Systems.
- H. Take measurements of the excavation and site assessment sample locations and create a site assessment site map. Include site features so the sample locations can be identified later if necessary.
- I. If contaminated soil is present, the contaminated soil will be returned to the excavation unless otherwise directed by the Project Manager.
- J. If contaminated soil will not be returned to the excavation, then:
 - 1. Sample the soil for landfill disposal.
 - 2. Contact a licensed type II landfill and arrange for disposal of the contaminated soil.
 - 3. Transport and dispose of the soil at the approved landfill.
 - 4. Have properly trained personnel handle any nonhazardous waste generated during the course of this work.
 - 5. Assure that any manifests are signed by the MDOT Project Manager or their representative or, if designated, sign manifests for MDOT.
- K. If any hazardous waste is generated, then:
 - 1. Transport and load any hazardous waste generated during the course of this work using a licensed hazardous waste hauler and properly placarded vehicles, hazardous waste manifests, and properly trained personnel.
 - 2. Assure that manifests are signed by the Project Manager or their representative or, if designated, sign manifests for MDOT.
 - 3. Assure that the proposed disposal facility is properly licensed.
 - 4. Provide a copy of the laboratory analysis and the name and address of the disposal facility to the Project Manager prior to disposal.
 - 5. Provide the Project Manager with receipts and manifests for all disposed hazardous waste.
 - 6. Dispose of hazardous waste within 45 days of generation.

NOTE: The term hazardous, as used in this document, is defined in the Natural Resources and Environmental Protection Act, Act 451, Public Acts of 1994, as amended, Part 111, Hazardous Waste Management and Part 121, Liquid Industrial Wastes.

- L. Assure that your activities will not interfere with utilities by doing the following:
 - 1. Contact MISS DIG a minimum of three (3) working days prior to performing work. Locate any utilities not covered or marked by MISS DIG, including those on MDOT property.
 - 2. Mark the locations of the proposed work prior to MISS DIG staking the site.

3. Provide the MISS DIG confirmation number to the Project Manager prior to start of the work.
 4. Repair any utilities damaged during the course of the work.
- M. Do all shoring necessary to safely maintain side slopes, buildings and prevent undermining of adjacent areas. Any damage from failure of shoring members or non-observance of these requirements shall be the responsibility of the Consultant, without additional expense to MDOT.
- N. Excavate additional contaminated soil, beyond what is necessary to remove the UST, when directed to do so by the Project Manager.
- O. Stockpile all excavated contaminated soil on plastic sheeting or tarps having a minimum thickness of 6 Mils or place in trucks, roll off boxes, or other containers, such that no liquid may escape from the soil into the surrounding environment. At the end of each work day cover the contaminated soil securely with plastic sheeting of 6 Mil thickness or greater.
- P. Properly fill the hole that results from the excavation to grade and compact with clean backfill material, as follows:
1. Place all backfill material in 9-inch layers and compact to not less than 95 percent of the maximum unit weight, according to Section 2.05 (Roadway Earthwork) and 2.06 (Excavation and Backfill for Structures) of the MDOT 2003 Standard Specifications for Construction so as to support the integrity of the surrounding structures. Document quality control testing results.
 2. Assure that backfill material meets the requirements specified in Division 9 of the MDOT 2003 Standard Specifications for Construction, for Granular Material Class II, III.
 3. Do not remove water from the excavation to facilitate the placement of backfill unless authorized by the Project Manager or Inspector. If approved, assure that all liquid collected by dewatering of tank excavations shall be pumped to a separate, leak proof tank or other containment device.
- Q. Provide the following information to the Project Manager as it becomes available or with the invoice:
1. Date of tank removal
 2. Tank dimensions, location (in relation to permanent benchmark) and method of disposal
 3. Waste characterization analysis results
 4. Type of material stored in each tank and method of disposal
 5. Combustible gas meter readings from tank
 6. Description of vapor purging method used
 7. Disposal receipts, manifests
 8. Site assessment soil and/or water analytical.
 9. Site assessment soil sample location map.
 10. List of all subcontractors
 11. MISS DIG Confirmation number
- R. Notify the Project Manager of a confirmed release immediately upon discovery whether it is confirmed by evidence at the tank removal site or from site assessment analytical data.

IV. PROJECT SCHEDULE

- A. Work cannot proceed without written authorization from MDOT. The written authorization may be faxed to the consultant.
- B. The consultant shall have equipment onsite and shall begin the tank excavation within seven work days of authorization, unless otherwise stated in the authorization.
- C. The Consultant may, with permission of the Project Manager continue site work outside regular hours or on weekends. The Consultant shall submit written notice for each occurrence to the Project Manager and allow ample time for satisfactory arrangements to be made for inspecting the work in progress. No additional compensation will be allowed for work completed outside of normal work hours.

V. PAY ITEMS

Payment for the following bid items includes all materials, equipment and labor necessary to perform the work. Mobilization, travel subsistence and health and safety plans are included in the pay items and will not be paid for separately.

- A. Waste Characterization Analysis of Residual Liquid and Sludge in Tank - Each

Measurement and Payment will be for the cost of sampling and analysis of the residual contents of a tank for hauling and disposal purposes. Composite samples from sites with multiple tanks are acceptable. Discrete samples will be authorized on a case by case basis if necessary.

This item shall be paid for at the contract unit bid price per tank for WASTE CHARACTERIZATION ANALYSIS OF RESIDUAL LIQUID AND SLUDGE IN TANK - EACH

- B. Site Access for a Liquid Industrial Waste Hauling Contractor – Each

Measurement and Payment will be for the cost to mobilize a liquid industrial waste hauling contractor to a tank removal site.

This item shall be paid for at the contract unit bid price per tank removal site for SITE ACCESS FOR A LIQUID INDUSTRIAL WASTE HAULING CONTRACTOR – Each.

- C. Pumping and Disposal of Residual Liquid and Sludge in Tank – Gallons

Measurement and Payment will be for the actual number of gallons pumped, hauled, and disposed. The volume paid for shall not exceed the physical volume of the tank. Any materials generated during tank cleaning procedures shall also be considered included in this pay item.

This item shall be paid for at the contract unit bid price per tank for PUMPING AND DISPOSAL OF RESIDUAL LIQUID AND SLUDGE IN TANK – GALLONS.

D. Site Access for Tank Removal Equipment – Each

Measurement and Payment will be for the cost to mobilize materials and equipment to the tank removal location for purposes of removing or closing in place one or more underground storage tanks. The cost for a site specific health and safety plan shall be included in this pay item.

This item shall be paid for at the contract unit bid price per tank removal site for SITE ACCESS FOR TANK REMOVAL EQUIPMENT – Each.

E. Removal and Disposal of UST From 110 Gallons to 1,100 Gallons - Each

Measurement and Payment shall be for each tank excavated, removed, dismantled and disposed of (including all related items: piping, pump islands, electrical wiring, et cetera) or properly closed in place. This shall include the excavation of any soil in order to expose the tank and piping and to remove the tank from the ground.

This item shall be paid for at the contract unit bid price per tank for REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANK FROM 110 GALLONS TO 1,100 GALLONS - Each.

F. Removal and Disposal of UST From 1,200 Gallons to 6,000 Gallons - Each

Measurement and Payment shall be for each tank excavated, removed, dismantled and disposed of (including all related items: piping, pump islands, electrical wiring, et cetera) or properly closed in place. This shall include the excavation of any soil in order to expose the tank and piping and to remove the tank from the ground.

This item shall be paid for at the contract unit bid price per tank for REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANK FROM 1,200 GALLONS TO 6,000 GALLONS - Each.

G. Removal and Disposal of UST From 6,100 Gallons to 10,000 Gallons - Each

Measurement and Payment shall be for each tank excavated, removed, dismantled and disposed of (including all related items: piping, pump islands, electrical wiring, et cetera) or properly closed in place. This shall include the excavation of any soil in order to expose the tank and piping and to remove the tank from the ground.

This item shall be paid for at the contract unit bid price per tank for REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANK FROM 6,100 Gallons to 10,000 GALLONS - Each.

H. Removal and Disposal of UST From 10,100 Gallons to 12,000 Gallons - Each

Measurement and Payment shall be for each tank excavated, removed, dismantled and disposed of (including all related items: piping, pump islands, electrical wiring, et cetera) or properly closed in place. This shall include the excavation of any soil in order to expose the tank and piping and to remove the tank from the ground.

This item shall be paid for at the contract unit bid price per tank for REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANK FROM 10,100 Gallons to 12,000 GALLONS - Each.

I. Removal and Disposal of UST From 12,100 Gallons to 15,000 Gallons - Each

Measurement and Payment shall be for each tank excavated, removed, dismantled and disposed of (including all related items: piping, pump islands, electrical wiring, et cetera) or properly closed in place. This shall include the excavation of any soil in order to expose the tank and piping and to remove the tank from the ground.

This item shall be paid for at the contract unit bid price per tank for REMOVAL AND DISPOSAL OF UNDERGROUND STORAGE TANK FROM 12,100 Gallons to 15,000 GALLONS - Each.

J. Excavation of Additional Contaminated Soil - Cubic Yards

The Measurement and Payment will be for the actual number of cubic yards approved by the Project Manager of soil excavated in EXCESS of the soil excavated in the process of removing the USTs. Proper temporary stockpiling of the soil shall be considered included in this pay item.

This pay item shall be paid for at the contract unit bid price in cubic yards for EXCAVATION OF ADDITIONAL CONTAMINATED SOIL – Cubic Yards.

K. Disposal of Nonhazardous Contaminated Soil - Cubic Yards

Measurement and Payment will be for the actual number of cubic yards of soil that is required to be disposed of off site. All laboratory analysis (24 hour turn-around time) and disposal costs are included in this item.

This pay item shall be paid for at the contract unit bid price in cubic yards for DISPOSAL OF CONTAMINATED SOIL – Cubic Yards.

L. Placement of Class II Sand Backfill - Cubic Yards

Measurement and Payment shall be for the number of cubic yards of backfill used to properly place backfill material.

This pay item shall be paid for at the contract unit bid price in cubic yards for PLACEMENT OF CLASS II SAND BACKFILL – Cubic Yards.

M. Protective Fence - linear feet

Measurement and Payment shall be for the actual number of feet approved for use by the Project Manager. This pay item shall include furnishing, erecting, maintaining, removing and disposing of the fence.

This pay item shall be paid for at the contract unit bid price in linear feet for PROTECTIVE FENCE – Linear feet.

NOTE: The following are pay items for sampling that are not included in other pay items. When requested by the Project Manager, the following analyses will be paid for each test performed:

N. BTEX - Each

The work of this Measurement and Payment Item shall consist of all materials, labor, and equipment necessary for shipping and handling of the sample to a full service laboratory and the cost of having it analyzed and interpreted. The BTEX compounds (benzene, toluene, ethylbenzene and xylenes) shall be analyzed and considered inclusive under this pay item for both soil and water matrices.

This item shall be paid for at the contract unit bid price per sample for BTEX - Each

O. Cadmium and Chromium - Each

The work of this Measurement and Payment Item shall consist of all materials, labor, and equipment necessary for shipping and handling of the sample to a full service laboratory and the cost of having it analyzed and interpreted. Cadmium and Chromium shall be analyzed and considered inclusive under this pay item for both soil and water matrices.

This item shall be paid for at the contract unit bid price per sample for CADMIUM AND CHROMIUM - Each.

P. Lead - Each

The work of this Measurement and Payment Item shall consist of all materials, labor, and equipment necessary for shipping and handling of the sample to a full service laboratory and the cost of having it analyzed and interpreted. Lead shall

be analyzed and considered inclusive under this pay item for both soil and water matrices.

This item shall be paid for at the contract unit bid price per sample for LEAD - Each.

Q. Michigan 10 Metals - Each

The work of this Measurement and Payment Item shall consist of all materials, labor, and equipment necessary for shipping and handling of the sample to a full service laboratory and the cost of having it analyzed and interpreted. Metals shall be analyzed and considered inclusive under this pay item for both soil and water matrices.

This item shall be paid for at the contract unit bid price per sample for MICHIGAN 10 METALS - Each.

R. PNAs - Each

The work of this Measurement and Payment Item shall consist of all materials, labor, and equipment necessary for shipping and handling of the sample to a full service laboratory and the cost of having it analyzed and interpreted. The polynuclear aromatic compounds shall be analyzed and considered inclusive under this pay item for both soil and water matrices.

This item shall be paid for at the contract unit bid price per sample for PNAs- Each.

S. Purgeable Halocarbons - Each

The work of this Measurement and Payment Item shall consist of all materials, labor, and equipment necessary for shipping and handling of the sample to a full service laboratory and the cost of having it analyzed and interpreted. The purgeable halocarbons shall be analyzed and considered inclusive under this pay item for both soil and water matrices.

This item shall be paid for at the contract unit bid price per sample for PURGEABLE HALOCARBONS - Each.

UNDERGROUND STORAGE TANK REMOVAL AND
EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL
BAY REGION

PAYMENT ITEMS

ALL ENTRIES MADE ON THIS PAGE SHALL BE HANDWRITTEN IN INK.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Waste Characterization Analysis of Residual Liquid and Sludge in Tank	Each		
Site Access for a Liquid Industrial Waste Hauling Contractor	Each		
Pumping and Disposal of Residual Liquid and Sludge in Tank	Gallons		
Site Access for Tank Removal Equipment	Each		
Removal and Disposal of UST from 110 Gallons to 1,100 Gallons	Each		
Removal and Disposal of UST from 1,200 Gallons to 6,000 Gallons	Each		
Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons	Each		
Removal and Disposal of UST from 10,100 Gallons to 12,000 Gallons	Each		
Removal and Disposal of UST from 12,100 Gallons to 15,000 Gallons	Each		
Excavation of Additional Contaminated Soil	Cubic Yard		
Disposal of Non-hazardous Contaminated Soil	Cubic Yard		
Placement of Class II Sand Backfill	Cubic Yard		
Protective Fence	Linear Feet		
BTEX	Each		
Cadmium and Chromium	Each		
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		

NOTE: Because this contract is for services, as needed, quantities have not been determined. We will review the lowest price for the following pay items and quantities added together for a bid total:

- Waste Characterization Analysis of Residual Liquid and Sludge in Tank – one
- Site Access for a Liquid Industrial Waste Hauling Contractor – one
- Pumping and Disposal of Residual Liquid and Sludge in Tank – 1,000 gallons
- Site Access for Tank Removal Equipment – one
- Removal and Disposal of UST from 110 Gallons to 1,100 Gallons – one
- Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons – one
- Excavation of Additional Contaminated Soil - 100 cubic yards
- Disposal of Non-hazardous Contaminated Soil - 100 cubic yards
- Placement of Class II Sand Backfill - 100 cubic yards
- PNAs – 2 each
- BTEX – 2 each.

If that price and all other prices represent fair compensation when compared to previous year activities, the low bid will be accepted. If any prices seem unreasonable, that bid will be rejected and the next low bid will be reviewed until an acceptable low bid is found. THE MICHIGAN DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS OR TO CONTRACT WITH MORE THAN ONE VENDOR FOR THESE SERVICES.

CHECK UNIT PRICE COLUMN FOR OMISSIONS BEFORE ENTERING BID TOTAL

Bid Price for the above listed items and quantities:

\$ _____

CONTRACTOR'S NAME: _____

CONTRACTOR'S SIGNATURE: _____

DATE: _____

(12/1999)

UNDERGROUND STORAGE TANK REMOVAL AND
EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL
GRAND REGION

PAYMENT ITEMS

ALL ENTRIES MADE ON THIS PAGE SHALL BE HANDWRITTEN IN INK.

ITEMS OF WORK	UNIT	PRICE/UNIT
Waste Characterization Analysis of Residual Liquid and Sludge in Tank	Each	
Site Access for a Liquid Industrial Waste Hauling Contractor	Each	
Pumping and Disposal of Residual Liquid and Sludge in Tank	Gallons	
Site Access for Tank Removal Equipment	Each	
Removal and Disposal of UST from 110 Gallons to 1,100 Gallons	Each	
Removal and Disposal of UST from 1,200 Gallons to 6,000 Gallons	Each	
Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons	Each	
Removal and Disposal of UST from 10,100 Gallons to 12,000 Gallons	Each	
Removal and Disposal of UST from 12,100 Gallons to 15,000 Gallons	Each	
Excavation of Additional Contaminated Soil	Cubic Yard	
Disposal of Non-hazardous Contaminated Soil	Cubic Yard	
Placement of Class II Sand Backfill	Cubic Yard	
Protective Fence	Linear Feet	
BTEX	Each	
Cadmium and Chromium	Each	
Lead	Each	
Michigan 10 Metals	Each	
PNAs	Each	
Purgeable Halocarbons	Each	

NOTE: Because this contract is for services, as needed, quantities have not been determined. We will review the lowest price for the following pay items and quantities added together for a bid total:

- Waste Characterization Analysis of Residual Liquid and Sludge in Tank – one
- Site Access for a Liquid Industrial Waste Hauling Contractor – one
- Pumping and Disposal of Residual Liquid and Sludge in Tank – 1,000 gallons
- Site Access for Tank Removal Equipment – one
- Removal and Disposal of UST from 110 Gallons to 1,100 Gallons – one
- Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons – one
- Excavation of Additional Contaminated Soil - 100 cubic yards
- Disposal of Non-hazardous Contaminated Soil - 100 cubic yards
- Placement of Class II Sand Backfill - 100 cubic yards
- PNAs – 2 each
- BTEX – 2 each.

If that price and all other prices represent fair compensation when compared to previous year activities, the low bid will be accepted. If any prices seem unreasonable, that bid will be rejected and the next low bid will be reviewed until an acceptable low bid is found. THE MICHIGAN DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS OR TO CONTRACT WITH MORE THAN ONE VENDOR FOR THESE SERVICES.

CHECK UNIT PRICE COLUMN FOR OMISSIONS BEFORE ENTERING BID TOTAL

Bid Price for the above listed items and quantities:

\$ _____

CONTRACTOR'S NAME: _____

CONTRACTOR'S SIGNATURE: _____

DATE: _____

(12/1999)

UNDERGROUND STORAGE TANK REMOVAL AND
EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL
METRO REGION

PAYMENT ITEMS

ALL ENTRIES MADE ON THIS PAGE SHALL BE HANDWRITTEN IN INK.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Waste Characterization Analysis of Residual Liquid and Sludge in Tank	Each		
Site Access for a Liquid Industrial Waste Hauling Contractor	Each		
Pumping and Disposal of Residual Liquid and Sludge in Tank	Gallons		
Site Access for Tank Removal Equipment	Each		
Removal and Disposal of UST from 110 Gallons to 1,100 Gallons	Each		
Removal and Disposal of UST from 1,200 Gallons to 6,000 Gallons	Each		
Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons	Each		
Removal and Disposal of UST from 10,100 Gallons to 12,000 Gallons	Each		
Removal and Disposal of UST from 12,100 Gallons to 15,000 Gallons	Each		
Excavation of Additional Contaminated Soil	Cubic Yard		
Disposal of Non-hazardous Contaminated Soil	Cubic Yard		
Placement of Class II Sand Backfill	Cubic Yard		
Protective Fence	Linear Feet		
BTEX	Each		
Cadmium and Chromium	Each		
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		

NOTE: Because this contract is for services, as needed, quantities have not been determined. We will review the lowest price for the following pay items and quantities added together for a bid total:

- Waste Characterization Analysis of Residual Liquid and Sludge in Tank – one
- Site Access for a Liquid Industrial Waste Hauling Contractor – one
- Pumping and Disposal of Residual Liquid and Sludge in Tank – 1,000 gallons
- Site Access for Tank Removal Equipment – one
- Removal and Disposal of UST from 110 Gallons to 1,100 Gallons – one
- Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons – one
- Excavation of Additional Contaminated Soil - 100 cubic yards
- Disposal of Non-hazardous Contaminated Soil - 100 cubic yards
- Placement of Class II Sand Backfill - 100 cubic yards
- PNAs – 2 each
- BTEX – 2 each.

If that price and all other prices represent fair compensation when compared to previous year activities, the low bid will be accepted. If any prices seem unreasonable, that bid will be rejected and the next low bid will be reviewed until an acceptable low bid is found. THE MICHIGAN DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS OR TO CONTRACT WITH MORE THAN ONE VENDOR FOR THESE SERVICES.

CHECK UNIT PRICE COLUMN FOR OMISSIONS BEFORE ENTERING BID TOTAL

Bid Price for the above listed items and quantities:

\$ _____

CONTRACTOR'S NAME: _____

CONTRACTOR'S SIGNATURE: _____

DATE: _____

(12/1999)

UNDERGROUND STORAGE TANK REMOVAL AND
EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL
NORTH REGION

PAYMENT ITEMS

ALL ENTRIES MADE ON THIS PAGE SHALL BE HANDWRITTEN IN INK.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Waste Characterization Analysis of Residual Liquid and Sludge in Tank	Each		
Site Access for a Liquid Industrial Waste Hauling Contractor	Each		
Pumping and Disposal of Residual Liquid and Sludge in Tank	Gallons		
Site Access for Tank Removal Equipment	Each		
Removal and Disposal of UST from 110 Gallons to 1,100 Gallons	Each		
Removal and Disposal of UST from 1,200 Gallons to 6,000 Gallons	Each		
Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons	Each		
Removal and Disposal of UST from 10,100 Gallons to 12,000 Gallons	Each		
Removal and Disposal of UST from 12,100 Gallons to 15,000 Gallons	Each		
Excavation of Additional Contaminated Soil	Cubic Yard		
Disposal of Non-hazardous Contaminated Soil	Cubic Yard		
Placement of Class II Sand Backfill	Cubic Yard		
Protective Fence	Linear Feet		
BTEX	Each		
Cadmium and Chromium	Each		
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		

NOTE: Because this contract is for services, as needed, quantities have not been determined. We will review the lowest price for the following pay items and quantities added together for a bid total:

- Waste Characterization Analysis of Residual Liquid and Sludge in Tank – one
- Site Access for a Liquid Industrial Waste Hauling Contractor – one
- Pumping and Disposal of Residual Liquid and Sludge in Tank – 1,000 gallons
- Site Access for Tank Removal Equipment – one
- Removal and Disposal of UST from 110 Gallons to 1,100 Gallons – one
- Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons – one
- Excavation of Additional Contaminated Soil - 100 cubic yards
- Disposal of Non-hazardous Contaminated Soil - 100 cubic yards
- Placement of Class II Sand Backfill - 100 cubic yards
- PNAs – 2 each
- BTEX – 2 each.

If that price and all other prices represent fair compensation when compared to previous year activities, the low bid will be accepted. If any prices seem unreasonable, that bid will be rejected and the next low bid will be reviewed until an acceptable low bid is found. THE MICHIGAN DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS OR TO CONTRACT WITH MORE THAN ONE VENDOR FOR THESE SERVICES.

CHECK UNIT PRICE COLUMN FOR OMISSIONS BEFORE ENTERING BID TOTAL

Bid Price for the above listed items and quantities:

\$ _____

CONTRACTOR'S NAME: _____

CONTRACTOR'S SIGNATURE: _____

DATE: _____

(12/1999)

UNDERGROUND STORAGE TANK REMOVAL AND
EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL
SOUTHWEST REGION

PAYMENT ITEMS

ALL ENTRIES MADE ON THIS PAGE SHALL BE HANDWRITTEN IN INK.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Waste Characterization Analysis of Residual Liquid and Sludge in Tank	Each		
Site Access for a Liquid Industrial Waste Hauling Contractor	Each		
Pumping and Disposal of Residual Liquid and Sludge in Tank	Gallons		
Site Access for Tank Removal Equipment	Each		
Removal and Disposal of UST from 110 Gallons to 1,100 Gallons	Each		
Removal and Disposal of UST from 1,200 Gallons to 6,000 Gallons	Each		
Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons	Each		
Removal and Disposal of UST from 10,100 Gallons to 12,000 Gallons	Each		
Removal and Disposal of UST from 12,100 Gallons to 15,000 Gallons	Each		
Excavation of Additional Contaminated Soil	Cubic Yard		
Disposal of Non-hazardous Contaminated Soil	Cubic Yard		
Placement of Class II Sand Backfill	Cubic Yard		
Protective Fence	Linear Feet		
BTEX	Each		
Cadmium and Chromium	Each		
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		

NOTE: Because this contract is for services, as needed, quantities have not been determined. We will review the lowest price for the following pay items and quantities added together for a bid total:

- Waste Characterization Analysis of Residual Liquid and Sludge in Tank – one
- Site Access for a Liquid Industrial Waste Hauling Contractor – one
- Pumping and Disposal of Residual Liquid and Sludge in Tank – 1,000 gallons
- Site Access for Tank Removal Equipment – one
- Removal and Disposal of UST from 110 Gallons to 1,100 Gallons – one
- Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons – one
- Excavation of Additional Contaminated Soil - 100 cubic yards
- Disposal of Non-hazardous Contaminated Soil - 100 cubic yards
- Placement of Class II Sand Backfill - 100 cubic yards
- PNAs – 2 each
- BTEX – 2 each.

If that price and all other prices represent fair compensation when compared to previous year activities, the low bid will be accepted. If any prices seem unreasonable, that bid will be rejected and the next low bid will be reviewed until an acceptable low bid is found. THE MICHIGAN DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS OR TO CONTRACT WITH MORE THAN ONE VENDOR FOR THESE SERVICES.

CHECK UNIT PRICE COLUMN FOR OMISSIONS BEFORE ENTERING BID TOTAL

Bid Price for the above listed items and quantities:

\$ _____

CONTRACTOR'S NAME: _____

CONTRACTOR'S SIGNATURE: _____

DATE: _____

(12/1999)

UNDERGROUND STORAGE TANK REMOVAL AND
EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL
SUPERIOR REGION

PAYMENT ITEMS

ALL ENTRIES MADE ON THIS PAGE SHALL BE HANDWRITTEN IN INK.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Waste Characterization Analysis of Residual Liquid and Sludge in Tank	Each		
Site Access for a Liquid Industrial Waste Hauling Contractor	Each		
Pumping and Disposal of Residual Liquid and Sludge in Tank	Gallons		
Site Access for Tank Removal Equipment	Each		
Removal and Disposal of UST from 110 Gallons to 1,100 Gallons	Each		
Removal and Disposal of UST from 1,200 Gallons to 6,000 Gallons	Each		
Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons	Each		
Removal and Disposal of UST from 10,100 Gallons to 12,000 Gallons	Each		
Removal and Disposal of UST from 12,100 Gallons to 15,000 Gallons	Each		
Excavation of Additional Contaminated Soil	Cubic Yard		
Disposal of Non-hazardous Contaminated Soil	Cubic Yard		
Placement of Class II Sand Backfill	Cubic Yard		
Protective Fence	Linear Feet		
BTEX	Each		
Cadmium and Chromium	Each		
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		

NOTE: Because this contract is for services, as needed, quantities have not been determined. We will review the lowest price for the following pay items and quantities added together for a bid total:

- Waste Characterization Analysis of Residual Liquid and Sludge in Tank – one
- Site Access for a Liquid Industrial Waste Hauling Contractor – one
- Pumping and Disposal of Residual Liquid and Sludge in Tank – 1,000 gallons
- Site Access for Tank Removal Equipment – one
- Removal and Disposal of UST from 110 Gallons to 1,100 Gallons – one
- Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons – one
- Excavation of Additional Contaminated Soil - 100 cubic yards
- Disposal of Non-hazardous Contaminated Soil - 100 cubic yards
- Placement of Class II Sand Backfill - 100 cubic yards
- PNAs – 2 each
- BTEX – 2 each.

If that price and all other prices represent fair compensation when compared to previous year activities, the low bid will be accepted. If any prices seem unreasonable, that bid will be rejected and the next low bid will be reviewed until an acceptable low bid is found. THE MICHIGAN DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS OR TO CONTRACT WITH MORE THAN ONE VENDOR FOR THESE SERVICES.

CHECK UNIT PRICE COLUMN FOR OMISSIONS BEFORE ENTERING BID TOTAL

Bid Price for the above listed items and quantities:

\$ _____

CONTRACTOR'S NAME: _____

CONTRACTOR'S SIGNATURE: _____

DATE: _____

(12/1999)

UNDERGROUND STORAGE TANK REMOVAL AND
EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL
UNIVERSITY REGION

PAYMENT ITEMS

ALL ENTRIES MADE ON THIS PAGE SHALL BE HANDWRITTEN IN INK.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Waste Characterization Analysis of Residual Liquid and Sludge in Tank	Each		
Site Access for a Liquid Industrial Waste Hauling Contractor	Each		
Pumping and Disposal of Residual Liquid and Sludge in Tank	Gallons		
Site Access for Tank Removal Equipment	Each		
Removal and Disposal of UST from 110 Gallons to 1,100 Gallons	Each		
Removal and Disposal of UST from 1,200 Gallons to 6,000 Gallons	Each		
Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons	Each		
Removal and Disposal of UST from 10,100 Gallons to 12,000 Gallons	Each		
Removal and Disposal of UST from 12,100 Gallons to 15,000 Gallons	Each		
Excavation of Additional Contaminated Soil	Cubic Yard		
Disposal of Non-hazardous Contaminated Soil	Cubic Yard		
Placement of Class II Sand Backfill	Cubic Yard		
Protective Fence	Linear Feet		
BTEX	Each		
Cadmium and Chromium	Each		
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		

NOTE: Because this contract is for services, as needed, quantities have not been determined. We will review the lowest price for the following pay items and quantities added together for a bid total:

- Waste Characterization Analysis of Residual Liquid and Sludge in Tank – one
- Site Access for a Liquid Industrial Waste Hauling Contractor – one
- Pumping and Disposal of Residual Liquid and Sludge in Tank – 1,000 gallons
- Site Access for Tank Removal Equipment – one
- Removal and Disposal of UST from 110 Gallons to 1,100 Gallons – one
- Removal and Disposal of UST from 6,100 Gallons to 10,000 Gallons – one
- Excavation of Additional Contaminated Soil - 100 cubic yards
- Disposal of Non-hazardous Contaminated Soil - 100 cubic yards
- Placement of Class II Sand Backfill - 100 cubic yards
- PNAs – 2 each
- BTEX – 2 each.

If that price and all other prices represent fair compensation when compared to previous year activities, the low bid will be accepted. If any prices seem unreasonable, that bid will be rejected and the next low bid will be reviewed until an acceptable low bid is found. THE MICHIGAN DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS OR TO CONTRACT WITH MORE THAN ONE VENDOR FOR THESE SERVICES.

CHECK UNIT PRICE COLUMN FOR OMISSIONS BEFORE ENTERING BID TOTAL

Bid Price for the above listed items and quantities:

\$ _____

CONTRACTOR'S NAME: _____

CONTRACTOR'S SIGNATURE: _____

DATE: _____

(12/1999)