

CHECKLIST TO DESIGNATE AREAS OF EVALUATION FOR REQUESTS FOR PROPOSAL (RFP)

	REQUISITION NUMBER	DUE DATE	TIME DUE
MDOT PROJECT MANAGER	JOB NUMBER (JN)	CONTROL SECTION (CS)	

DESCRIPTION

MDOT PROJECT MANAGER: Check all items to be included in RFP			CONSULTANT: Provide only checked items below in proposal
WHITE = REQUIRED ** = OPTIONAL Check the appropriate Tier in the box below			
<input type="checkbox"/> TIER I (\$50,000 - \$150,000)	<input type="checkbox"/> TIER II (\$150,000-\$1,000,000)	<input type="checkbox"/> TIER III (>\$1,000,000)	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Understanding of Service **
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Innovations</i>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Organizational Chart
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Qualifications of Team
Not required as part of Official RFP	Not required as part of Official RFP	<input type="checkbox"/>	Quality Assurance/Quality Control **
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location: The percentage of work performed in Michigan will be used for all selections unless the project is for on-site inspection or survey activities, then location should be scored using the distance from the consultant office to the on-site inspection or survey activity.
N/A	N/A	<input type="checkbox"/>	Presentation **
N/A	N/A	<input type="checkbox"/>	Technical Proposal (if Presentation is required)
3 pages (MDOT Forms not counted)	7 pages (MDOT Forms not counted)	14 pages (MDOT forms not counted)	Total maximum pages for RFP not including key personnel resumes. Resumes limited to 2 pages per key staff personnel.

PROPOSAL AND BID SHEET EMAIL ADDRESS – mdot-rfp-response@michigan.gov

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 five (5) 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

5100J – Consultant Data and Signature Sheet (Required for all firms performing non-prequalified services on this project.)

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

REQUEST FOR PROPOSAL

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 Services Contracts) **AA**



RFP SPECIFIC INFORMATION

ENGINEERING SERVICES BUREAU OF TRANSPORTATION PLANNING OTHER

THE SERVICE WAS POSTED ON THE ANTICIPATED QUARTERLY REQUESTS FOR PROPOSALS
 NO YES DATED _____ THROUGH _____

<input type="checkbox"/> Prequalified Services – See the attached Scope of Services for required Prequalification Classifications.	<input type="checkbox"/> Non-Prequalified Services – If selected, the vendor must make sure that current financial information, including labor rates, overhead computations, and financial statements, 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 is required with proposal for all firms performing non-prequalified services on this project.
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Qualification Based Selection - Use Consultant/Vendor Selection Guidelines.

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

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.

Qualification Based Selection / 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. The vendor that has met established qualification threshold and with the lowest bid will be selected.

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.)

BID SHEET INSTRUCTIONS

Bid Sheet(s) are located at the end of the Scope of Services. Submit bid sheet(s) with the proposal, to the email address: mdot-rfp-response@michigan.gov. Failure to comply with this procedure may result in your bid being rejected from consideration.

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PARTNERSHIP CHARTER AGREEMENT

MDOT and ACEC created a Partnership Charter Agreement which establishes guidelines to assist MDOT and Consultants in successful partnering. Both the Consultant and MDOT Project Manager are reminded to review the [ACEC-MDOT Partnership Charter Agreement](#) and are asked to follow all communications, issues resolution and other procedures and guidance’s contained therein.

**NOTIFICATION
MANDATORY ELECTRONIC SUBMITTAL**

Proposals submitted for this project must be submitted electronically.

The following are changes to the Proposal Submittal Requirements:

- Eliminated the Following Requirements:
 - Safety Program
 - Communication Plan
 - Past Performance as *a separate section*
 - Separate section for DBE Statement of goals. Include information in Qualification of Team section

- Implemented the Following Changes:
 - All proposals require an Organization Chart
 - Resumes must be a maximum of two pages
 - Only Key (lead) staff resumes may be submitted
 - Tier III proposal reduced from 19 to 14 pages
 - Forms 5100D, 5100I, and 5100G combined – 5100D
 - Forms 5100B and 5100H combined – 5100B
 - RFP's will be posted on a weekly basis -- on Mondays

The following are Requirements for Electronic Submittals:

- Proposals must be prepared using the most current guidelines
- The proposal must be bookmarked to clearly identify the proposal sections (See Below)
- For any section not required per the RFP, the bookmark must be edited to include “N/A” after the bookmark title.
Example: Understanding of Service – N/A
- Proposals must be assembled and saved as a single PDF file
- PDF file must be 5 megabytes or smaller
- PDF file must be submitted via e-mail to MDOT-RFP-Response@michigan.gov
- MDOT's requisition number and company name must be included in the subject line of the e-mail. The PDF shall be named using the following format:
 - Requisition#XXX_Company Name.PDF
- MDOT will not accept multiple submittals
- Proposals must be *received* by MDOT on or before the due date and time specified in each RFP

If the submittals do not comply with the requirements, they may be determined unresponsive.

The Consultant's will receive an e-mail reply/notification from MDOT when the proposal is received. Please retain a copy of this e-mail as proof that the proposal was received on time. **Consultants are responsible for ensuring the MDOT receives the proposal on time.**

****Contact Contract Services Division immediately at 517-373-4680 if you do not get an auto response****

Required Bookmarking Format:

- I. Request for Proposal Cover Sheet Form 5100D
 - A. Consultant Data and Signature Sheet, Form 5100J (if applicable)
- II. Understanding of Service
 - A. Innovations
- III. Qualifications of Team
 - A. Structure of Project Team
 - 1. Role of Firms
 - 2. Role of Key Personnel
 - B. Organization Chart
 - C. Location
- IV. Quality Assurance / Quality Control Plan
- V. Resumes of Key Staff
- VI. Pricing Documents/Bid Sheet (if applicable)

2/14/12

**NOTIFICATION
E-VERIFY REQUIREMENTS**

E-Verify is an Internet based system that allows an employer, using information reported on an employee's Form I-9, Employment Eligibility Verification, to determine the eligibility of that employee to work in the United States. There is no charge to employers to use E-Verify. The E-Verify system is operated by the Department of Homeland Security (DHS) in partnership with the Social Security Administration. E-Verify is available in Spanish.

The State of Michigan is requiring, under Public Act 200 of 2012, Section 381, that as a condition of each contract or subcontract for construction, maintenance, or engineering services that the pre-qualified contractor or subcontractor agree to use the E-Verify system to verify that all persons hired during the contract term by the contractor or subcontractor are legally present and authorized to work in the United States.

Information on registration for and use of the E-Verify program can be obtained via the Internet at the DHS Web site: <http://www.dhs.gov/E-Verify>.

The documentation supporting the usage of the E-Verify system must be maintained by each consultant and be made available to MDOT upon request.

It is the responsibility of the prime consultant to include the E-Verify requirement documented in this NOTIFICATION in all tiers of subcontracts.

9/13/12

Michigan Department of Transportation

**SCOPE OF SERVICE
FOR
AS-NEEDED
SPECIALTY SERVICES
UNDERGROUND STORAGE TANK REMOVAL SERVICES**

CONTROL SECTION: Various

JOB NUMBER: Various

PROJECT LOCATION:

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

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

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

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

Southwest Region, which consists of the following counties:, 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, and Washtenaw.

ANTICIPATED START DATE: May 1, 2016

ANTICIPATED COMPLETION DATE: April 30, 2018

This selection is for a 2 year period.

PRIMARY PREQUALIFICATION CLASSIFICATION: None

SECONDARY PREQUALIFICATION CLASSIFICATION: None

Excavation subcontractor must be prequalified in an earth excavation category.

EQUIPMENT AND PERSONNEL REQUIREMENTS:

Vendor and excavation subcontractor both must have professional liability insurance with minimum limits of one million dollars (\$1,000,000) per occurrence.

MDOT PROJECT MANAGER:

James Woodruff
Michigan Department of Transportation
Environmental Services Section
Phone: 517 – 241-9115
Email: WOODRUFFJ@michigan.gov

DESCRIPTION OF WORK:

I. 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.

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

- a. Conduct a site visit to assess tank removal or closure in place needs.
- b. Sample the tank residual contents to get approval for proper disposal. Provide analytical results to the Project Manager for approval of disposal alternatives.
- c. Contact the Project Manager as soon as the tank removal work is scheduled.
- d. Provide a site specific health and safety plan to the Project Manager prior to mobilizing to the site.
- e. Be at the removal site and ready to begin excavation within seven work days of being authorized by MDOT, unless otherwise stated in the work order.
- f. Follow API Recommended Practice 1604, Third Edition, March 1996: Closure of Underground Petroleum Storage Tanks.
- g. Remove the tank from the ground, or properly close it in place per the written authorization.

- h. 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.
- i. 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.
- j. If contaminated soil is present, the contaminated soil will be returned to the excavation unless otherwise directed by the Project Manager.
- k. If contaminated soil will not be returned to the excavation, then:
 - i. Sample the soil for landfill disposal.
 - ii. Contact a licensed type II landfill and arrange for disposal of the contaminated soil.
 - iii. Transport and dispose of the soil at the approved landfill.
 - iv. Have properly trained personnel handle any nonhazardous waste generated during the course of this work.
 - v. Assure that any manifests are signed by the Project Manager or their representative or, if designated, sign manifests for MDOT.
- l. If any hazardous waste is generated, then:
 - i. 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.
 - ii. Assure that manifests are signed by the Project Manager or their representative or, if designated, sign manifests for MDOT.
 - iii. Assure that the proposed disposal facility is properly licensed.
 - iv. Provide a copy of the laboratory analysis and the name and address of the disposal facility to the Project Manager prior to disposal.
 - v. Provide the Project Manager with receipts and manifests for all disposed hazardous waste.
 - vi. 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.

- m. Assure that your activities will not interfere with utilities by doing the following:
 - i. 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.
 - ii. Mark the locations of the proposed work prior to MISS DIG staking the site.
 - iii. Provide the MISS DIG confirmation number to the Project Manager prior to start of the work.
 - iv. Repair any utilities damaged during the course of the work.

- n. If necessary, furnish and install all shoring and associated appurtenances to maintain side slopes, protect adjacent buildings from damage and prevent undermining of adjacent areas. Any damage caused during the tank removal operation including excavation and backfill is the responsibility of the Consultant without any additional cost to the Department. This work must be conducted in accordance with section 704 of the MDOT Standard Specifications for Construction for Steel Sheet Piling, Temporary.
- o. During the execution of the work, if workers must access the excavated area all OSHA standards applicable to this type of work must be followed.
- p. Excavate additional contaminated soil, beyond what is necessary to remove the UST, when directed to do so by the Project Manager.
- q. 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.
- r. Properly fill the hole that results from the excavation to grade and compact with clean backfill material, unless not required by the Project Manager. Backfill must occur as follows:
 - i. 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 Standard Specifications for Construction so as to support the integrity of the surrounding structures. Document quality control testing results.
 - ii. Assure that backfill material meets the requirements specified in Division 9 of the MDOT Standard Specifications for Construction, for Granular Material Class II, III.
 - iii. 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 will be pumped to a separate, leak proof tank or other containment device.
- s. Provide the following information to the Project Manager as it becomes available or with the invoice:
 - Date of tank removal
 - Tank dimensions, location (in relation to permanent benchmark) and method of disposal
 - Waste characterization analysis results
 - Type of material stored in each tank and method of disposal

Combustible gas meter readings from tank
Description of vapor purging method used
Disposal receipts, manifests
Site assessment soil and/or water analytical.
Site assessment soil sample location map.
List of all subcontractors
MISS DIG Confirmation number
NOTE: 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.

BACKGROUND:

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 any 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.

PROJECT SCHEDULE

1. Work cannot proceed without written authorization in the form of a work order from MDOT. The work order may be sent by fax or electronically to the consultant.
2. The consultant must have equipment onsite and begin the tank excavation within seven work days of authorization, unless otherwise stated in the work order.
3. The Consultant may, with permission of the Project Manager, continue site work outside regular hours or on weekends. The Consultant must 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.

CONSULTANT PAYMENT – Unit Price:

Compensation for this project must be on a **unit price** basis. This basis of payment typically includes a maximum quantity of units and a maximum reimbursable cost per unit.

The unit prices accepted by MDOT must be valid during the entire three-year contract. As underground storage tanks in need of removal are identified, the selected firm will be authorized to do the work.

All billings for services must be directed to the Department and follow the current guidelines. The latest copy of the "Professional Engineering Service Reimbursement Guidelines for Bureau of Highways" is available on MDOT's website. This document contains instructions and forms that must be followed and used for billing. Payment may be delayed or decreased if the instructions are not followed.

Payment to the Consultant for services rendered must not exceed the maximum amount unless an increase is approved in accordance with the contract with the Consultant. Typically, billings must be submitted within 60 days after the completion of services for the current billing. The final billing must be received within 60 days of the completion of services. Refer to your contract for your specific contract terms.

MDOT reserves the right to request services on other projects located in the Region/TSC area that are not listed above, under the conditions of this "as needed" scope of services.

Full time services may not be required on all projects at all times. This scope is for "as needed" services, based on the intermittent needs of MDOT. It must be noted that this is not a guarantee that MDOT will use the Consultant's services.

MEASUREMENT

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. Site Reconnaissance – Each
Measurement and Payment will be for the cost of a site visit to the tank removal site to collect waste characterization samples and to assess the site for tank removal operation needs.

This item must be paid for at the contract unit bid price per tank for SITE RECONNAISSANCE – EACH

- B. 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 must be paid for at the contract unit bid price per tank for WASTE CHARACTERIZATION ANALYSIS OF RESIDUAL LIQUID AND SLUDGE IN TANK - EACH

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

- D. 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. Any materials generated during tank cleaning procedures will also be considered included in this pay item.

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

- E. Site Access for Tank Removal or Closure in Place Equipment – Each
Measurement and Payment will be for the cost to mobilize materials and equipment to the tank 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 will be included in this pay item.

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

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

Measurement and Payment will 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 with inert fill material. This will include the excavation of any soil in order to expose the tank and piping for removal or for closure in place and to backfill and compact the excavation.

This item must 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.

- G. Removal and Disposal of UST From 1,200 Gallons to 6,000 Gallons - Each
Measurement and Payment must 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 with inert fill material. This must include the excavation of any soil in order to expose the tank and piping for removal or for closure in place and to backfill and compact the excavation.

This item must 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.

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

Measurement and Payment must 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 with inert fill material. This must include the excavation of any soil in order to expose the tank and piping for removal or for closure in place and to backfill and compact the excavation.

This item must 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.

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

Measurement and Payment must 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 with inert fill material. This will include the excavation of any soil in order to expose the tank and piping for removal or for closure in place and to backfill and compact the excavation.

This item must 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.

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

Measurement and Payment must 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 with inert fill material. This will include the excavation of any soil in order to expose the tank and piping for removal or for closure in place and to backfill and compact the excavation.

This item must 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.

K. 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 will be considered included in this pay item.

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

L. 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 offsite. All laboratory analysis (24 hour turn-around time) and disposal costs are included in this item.

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

M. Class II Sand Backfill - Cubic Yards

Measurement and Payment will be for the number of cubic yards of Class II sand purchased to properly backfill the tank excavation.

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

N. Peastone Backfill - Cubic Yards

Measurement and Payment will be for the number of cubic yards of peastone purchased to properly backfill the tank excavation.

This pay item must be paid for at the contract unit bid price in cubic yards for PEASTONE BACKFILL – Cubic Yards.

O. Protective Fence - linear feet

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

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

P. Shoring, Temporary – square foot

Measurement and Payment must be in accordance with Section 704 of the Standard Specification for Construction for steel sheet piling, temporary, and includes designing, providing, installing, maintaining, and removing

the shoring, bracing, tie backs, walers, deadman, related material, and equipment required to maintain support of the sheeting and adjacent embankment.

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:

Q. BTEX - Each

The work of this Measurement and Payment Item will 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) will be analyzed and considered inclusive under this pay item for both soil and water matrices.

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

R. Cadmium and Chromium - Each

The work of this Measurement and Payment Item will 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 will be analyzed and considered inclusive under this pay item for both soil and water matrices.

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

S. Lead - Each

The work of this Measurement and Payment Item will 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 will be analyzed and considered inclusive under this pay item for both soil and water matrices.

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

T. Michigan 10 Metals - Each

The work of this Measurement and Payment Item will 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 will be analyzed and considered inclusive under this pay item for both soil and water matrices.

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

U. PNAs – Each

The work of this Measurement and Payment Item will 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 will be analyzed and considered inclusive under this pay item for both soil and water matrices.

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

V. Purgeable Halocarbons - Each

The work of this Measurement and Payment Item will 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 will be analyzed and considered inclusive under this pay item for both soil and water matrices.

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

W. PCBs – Each

The work of this Measurement and Payment Item will 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 polychlorinated biphenyl compounds will be analyzed and considered inclusive under this pay item for both soil and water matrices.

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

**BAY REGION
UNDERGROUND STORAGE TANK REMOVAL
CONSULTANT BID SHEET - UNIT PRICE**

This bid sheet is required with the response to the Request for Proposal (RFP). All entries on this page must be handwritten in ink or computer generated. Compensation for this project will be on a **Unit Price** basis.

Priced proposal costs will be required after selection, in accordance with MDOT's Priced Proposal Guidelines which can be found on the MDOT web page under [Vendor/Consultant Services](#). Payment to the Consultant for services rendered must not exceed the total bid price.

Note: MDOT reserves the right to reject any or all bids.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Site Reconnaissance	Each		
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		
Class II Sand Backfill	Cubic Yard		
Peastone Backfill	Cubic Yard		
Protective Fence	Linear Feet		
Shoring, Temporary	Square Feet		
BTEX	Each		
Cadmium and Chromium	Each		

ITEMS OF WORK	UNIT	PRICE/UNIT	
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		
PCBs	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:

- Site Reconnaissance - one
- 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 1,200 Gallons to 6,000 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
- 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.

Total Bid:

Contractor Name:

Contractor Signature:

Date:

Check UNIT PRICE column for omissions before entering bid total.

**GRAND REGION
UNDERGROUND STORAGE TANK REMOVAL
CONSULTANT BID SHEET - UNIT PRICE**

This bid sheet is required with the response to the Request for Proposal (RFP). All entries on this page must be handwritten in ink or computer generated. Compensation for this project will be on a **Unit Price** basis.

Priced proposal costs will be required after selection, in accordance with MDOT's Priced Proposal Guidelines which can be found on the MDOT web page under [Vendor/Consultant Services](#). Payment to the Consultant for services rendered must not exceed the total bid price.

Note: MDOT reserves the right to reject any or all bids.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Site Reconnaissance	Each		
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		
Class II Sand Backfill	Cubic Yard		
Peastone Backfill	Cubic Yard		
Protective Fence	Linear Feet		
Shoring, Temporary	Square Feet		
BTEX	Each		
Cadmium and Chromium	Each		

ITEMS OF WORK	UNIT	PRICE/UNIT	
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		
PCBs	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:

- Site Reconnaissance - one
- 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 1,200 Gallons to 6,000 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
- 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.

Total Bid:

Contractor Name:

Contractor Signature:

Date:

Check UNIT PRICE column for omissions before entering bid total.

**METRO REGION
UNDERGROUND STORAGE TANK REMOVAL
CONSULTANT BID SHEET - UNIT PRICE**

This bid sheet is required with the response to the Request for Proposal (RFP). All entries on this page must be handwritten in ink or computer generated. Compensation for this project must be on a **Unit Price** basis.

Priced proposal costs will be required after selection, in accordance with MDOT's Priced Proposal Guidelines which can be found on the MDOT web page under [Vendor/Consultant Services](#). Payment to the Consultant for services rendered must not exceed the total bid price.

Note: MDOT reserves the right to reject any or all bids.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Site Reconnaissance	Each		
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		
Class II Sand Backfill	Cubic Yard		
Peastone Backfill	Cubic Yard		
Protective Fence	Linear Feet		
Shoring, Temporary	Square Feet		
BTEX	Each		
Cadmium and Chromium	Each		

ITEMS OF WORK	UNIT	PRICE/UNIT	
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		
PCBs	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:

- Site Reconnaissance - one
- 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 1,200 Gallons to 6,000 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
- 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.

Total Bid:

Contractor Name:

Contractor Signature:

Date:

Check UNIT PRICE column for omissions before entering bid total.

**NORTH REGION
UNDERGROUND STORAGE TANK REMOVAL
CONSULTANT BID SHEET - UNIT PRICE**

This bid sheet is required with the response to the Request for Proposal (RFP). All entries on this page must be handwritten in ink or computer generated. Compensation for this project must be on a **Unit Price** basis.

Priced proposal costs will be required after selection, in accordance with MDOT's Priced Proposal Guidelines which can be found on the MDOT web page under [Vendor/Consultant Services](#). Payment to the Consultant for services rendered must not exceed the total bid price.

Note: MDOT reserves the right to reject any or all bids.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Site Reconnaissance	Each		
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		
Class II Sand Backfill	Cubic Yard		
Peastone Backfill	Cubic Yard		
Protective Fence	Linear Feet		
Shoring, Temporary	Square Feet		
BTEX	Each		
Cadmium and Chromium	Each		

ITEMS OF WORK	UNIT	PRICE/UNIT	
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		
PCBs	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:

- Site Reconnaissance - one
- 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 1,200 Gallons to 6,000 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
- 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.

Total Bid:

Contractor Name:

Contractor Signature:

Date:

Check UNIT PRICE column for omissions before entering bid total.

**SOUTHWEST REGION
UNDERGROUND STORAGE TANK REMOVAL
CONSULTANT BID SHEET - UNIT PRICE**

This bid sheet is required with the response to the Request for Proposal (RFP). All entries on this page must be handwritten in ink or computer generated. Compensation for this project must be on a **Unit Price** basis.

Priced proposal costs will be required after selection, in accordance with MDOT's Priced Proposal Guidelines which can be found on the MDOT web page under [Vendor/Consultant Services](#). Payment to the Consultant for services rendered must not exceed the total bid price.

Note: MDOT reserves the right to reject any or all bids.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Site Reconnaissance	Each		
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		
Class II Sand Backfill	Cubic Yard		
Peastone Backfill	Cubic Yard		
Protective Fence	Linear Feet		
Shoring, Temporary	Square Feet		
BTEX	Each		
Cadmium and Chromium	Each		

ITEMS OF WORK	UNIT	PRICE/UNIT	
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		
PCBs	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:

- Site Reconnaissance - one
- 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 1,200 Gallons to 6,000 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
- 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.

Total Bid:

Contractor Name:

Contractor Signature:

Date:

Check UNIT PRICE column for omissions before entering bid total.

**SUPERIOR REGION
UNDERGROUND STORAGE TANK REMOVAL
CONSULTANT BID SHEET - UNIT PRICE**

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Priced proposal costs will be required after selection, in accordance with MDOT's Priced Proposal Guidelines which can be found on the MDOT web page under [Vendor/Consultant Services](#). Payment to the Consultant for services rendered must not exceed the total bid price.

Note: MDOT reserves the right to reject any or all bids.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Site Reconnaissance	Each		
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		
Class II Sand Backfill	Cubic Yard		
Peastone Backfill	Cubic Yard		
Protective Fence	Linear Feet		
Shoring, Temporary	Square Feet		
BTEX	Each		
Cadmium and Chromium	Each		

ITEMS OF WORK	UNIT	PRICE/UNIT	
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		
PCBs	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:

- Site Reconnaissance - one
- 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 1,200 Gallons to 6,000 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
- 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.

Total Bid:

Contractor Name:

Contractor Signature:

Date:

Check UNIT PRICE column for omissions before entering bid total.

**UNIVERSITY REGION
UNDERGROUND STORAGE TANK REMOVAL
CONSULTANT BID SHEET - UNIT PRICE**

This bid sheet is required with the response to the Request for Proposal (RFP). All entries on this page must be handwritten in ink or computer generated. Compensation for this project must be on a **Unit Price** basis.

Priced proposal costs will be required after selection, in accordance with MDOT's Priced Proposal Guidelines which can be found on the MDOT web page under [Vendor/Consultant Services](#). Payment to the Consultant for services rendered must not exceed the total bid price.

Note: MDOT reserves the right to reject any or all bids.

ITEMS OF WORK	UNIT	PRICE/UNIT	
Site Reconnaissance	Each		
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		
Class II Sand Backfill	Cubic Yard		
Peastone Backfill	Cubic Yard		
Protective Fence	Linear Feet		
Shoring, Temporary	Square Feet		
BTEX	Each		
Cadmium and Chromium	Each		

ITEMS OF WORK	UNIT	PRICE/UNIT	
Lead	Each		
Michigan 10 Metals	Each		
PNAs	Each		
Purgeable Halocarbons	Each		
PCBs	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:

- Site Reconnaissance - one
- 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 1,200 Gallons to 6,000 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
- 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.

Total Bid:

Contractor Name:

Contractor Signature:

Date:

Check UNIT PRICE column for omissions before entering bid total.