

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 4/1/09 THROUGH 6/30/09

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 7/10/09	TIME DUE 4 pm
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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 MDOT Other

Thomas Hynes
8885 Ricks Road
P.O. Box 30049
Lansing, Michigan 48909

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.)

Notification

ARRA MONTHLY EMPLOYMENT REPORTS

Note: This Notification is only applicable for those projects/contracts funded with ARRA funds. If you have questions, please contact MDOT Contract Services Division at (517) 335-0071.

The American Recovery and Reinvestment Act of 2009 (ARRA), requires states receiving stimulus funds for highway projects to provide monthly reports to the Federal Highway Administration (FHWA) regarding the number of employees of prime contractors, all-tier subcontractors and consultants on ARRA funded projects.

The cost for complying with this Notification must be borne by the prime contractor, and all-tiers of subcontractors and consultants, as part of their overhead and is deemed to be included in the payments made under this contract.

Within 10 days after the end of each month in which work is performed on this contract, all prime contractors, and all-tier subcontractors and consultants, must provide the Engineer a monthly report, in a format and on forms approved by the Engineer, which shall include, for work performed in that preceding month:

- The total number of employees who performed work on this contract
- The total number of hours worked by employees who performed work on this contract
- The total wages of employees who performed work on this contract

In addition, the prime contractor must provide a total payment amount made to any subcontractor who is a certified DBE in that preceding month.

This Notification shall be included as a part of each subcontract executed by the prime contractor, and all-tiers of subcontractors and consultants.

If necessary to conform to guidance provided by FHWA concerning the ARRA reporting requirements, the prime contractor, and all-tiers of subcontractors and consultants will revise their reporting as directed by the Engineer.

Failure to comply with the reporting requirements under ARRA would jeopardize the Department's continued receipt of ARRA funding.

Accordingly, if a contractor or any-tier of subcontractor or consultant fails to comply with this Notification, the Department may withhold contract payments until compliance is achieved. If the Department is compelled to incur costs because of such a breach, the amount of those costs may be deducted from payments otherwise to be made under this contract. Additional sanctions may include reduction or elimination of prequalification ratings and removal of bidding privileges.

NOTIFICATION
REQUIRED CONTRACT PROVISIONS TO IMPLEMENT AMERICAN
RECOVERY AND REINVESTMENT ACT (ARRA) SECTIONS 902 AND 1515

Note: This Notification is only applicable for those projects/contracts funded with ARRA funds. If you have questions, please contact MDOT Contract Services Division at (517) 335-0071.

In accordance with requirements under section 902 of the American Recovery and Reinvestment Act of 2009 (ARRA), the following language is made a part of this contract and is to be made a part of all tier subcontracts or consultant contracts:

The U.S. Comptroller General and his representatives have the authority:

- (1) to examine any records of the contractor or any of its subcontractors, or any State or local agency administering such contract, that directly pertain to, and involve transactions relating to, the contract or subcontract; and
- (2) to interview any officer or employee of the contractor or any of its subcontractors, or of any State or local government agency administering the contract, regarding such transactions.

The Comptroller General and his representatives have the authority and rights provided under Section 902 of the ARRA with respect to this contract. As provided in section 902, nothing in section 902 shall be interpreted to limit or restrict in any way any existing authority of the Comptroller General.

In accordance with the requirements of section 1515(a) of the ARRA any representatives of the Inspector General have the authority:

- (1) to examine any records of the contractor or grantee, any of its subcontractors or subgrantees, or any State or local agency administering such contract, that pertain to, and involve transactions relating to the contract, subcontract, grant, or subgrant; and
- (2) to interview any officer or employee of the contractor, grantee, subgrantee or agency regarding such transactions.

Nothing set forth in section 1515 of the ARRA shall be interpreted to limit or restrict in any way any existing authority of an inspector general.

Michigan Department of Transportation

**SCOPE OF SERVICE
FOR
AS-NEEDED INSPECTION AND TESTING SERVICES**
Statewide Pavement Coring
Best Value Selection

CONTROL SECTION(S): Various

JOB NUMBER(S): Various

PROJECT LOCATION: Statewide

DESCRIPTION OF WORK: On-call statewide pavement coring. Perform concrete and bituminous pavement coring investigations on an as-needed basis for construction projects and pavement investigations throughout Michigan. These investigations may include existing roads or highways under construction. The majority of this work will consist of coring newly constructed concrete pavement, using a 6-inch diameter bore core barrel, to measure and record pavement thickness, concrete compressive strength and depth to reinforcing steel, when present. The contractor is responsible for providing all equipment, materials, and labor required to perform all work activities. This includes determination of core locations and layout, core drilling and removal, core hole patching, transportation of cores to MDOT's Construction and Technology lab, located in Lansing, Michigan, and maintenance of daily work logs. Occasional work coring bridge decks may be required.

ANTICIPATED START DATE: August 1, 2009

ANTICIPATED COMPLETION DATE: December 31, 2009

PRIMARY PREQUALIFICATION CLASSIFICATION:
Portland Cement Concrete Inspection and Testing

SECONDARY PREQUALIFICATION:
None

DBE REQUIREMENT: N/A

MDOT PROJECT MANAGER:

Thomas Hynes
8885 Ricks Road
P.O. Box 30049
Lansing, MI 48909
517-322-5711
hynest@michigan.gov

MDOT TECHNICAL ADVISOR:

Thomas Miller
8885 Ricks Road
P.O. Box 30049
Lansing, MI 48909
517-322-1070
Cell: (517) 243-0383

Routine oversight and project coordination will be performed by MDOT technical advisor.

CONSULTANT RESPONSIBILITIES:

The consultant must have the capacity to perform at any location within the state boundaries. However, in general, the majority of work is performed in the lower portion of Lower Michigan, typically south of M-20.

The consultant will be expected to operate within the demands of construction scheduling and will be required to begin work within 24 hours of notification, from MDOT, that services are required.

It is estimated that removal of 1,060 cores will be required during this contract timeframe. The following is a partial list of concrete paving projects, scheduled for completion during the 2009 construction season. This is not a complete list of projects and is intended solely for purpose of estimation.

<u>County</u>	<u>C.S.</u>	<u>Route</u>	<u>Description</u>	<u>Region</u>
Allegan	03633	I-196	71 st Street to 118 th Ave	Southwest
Clinton	19132	US-127	Livingston Road to Gratiot County Line	University
Lapeer	44043	I-69	M-15 to M-24	Bay
Kent	41027	I-196	College Ave.	Grand
Kent	41131	US-131	44 th Street Interchange	Grand
Macomb	50061	I-696	Mound Road Interchange	Metro
Ottawa	70024	I-196	Zeeland Rest Area	Grand
St. Clair	77111	I-94	Macomb County Line to St. Clair Hwy	Metro

TASKS AND LEVEL OF EFFORT:

- A. The consultant is responsible for determining location and retrieval of pavement cores. This work will be performed in accordance with the Michigan Department of Transportation 2003 Standard Specifications for Construction and Michigan Test Method 201. All core holes will be filled with concrete plugs or prepackaged hydraulic fast set patching material or a combination of each. Approved hydraulic fast set patching material must be selected from MDOT’s Qualified Product List.
- B. The consultant is responsible for recording field notes in a format provided by the pavement evaluation engineer. In addition, information related to each construction project will be summarized on MDOT form 502 Pavement Core Record. All records will be submitted to the Pavement Evaluation Engineer, or his approved representative within one week of the day coring work is performed.
- C. Coordination of utility clearance through MISS DIG is not required when work is limited to pavement coring. However, sampling of material below the paved slab must be done in the presence of MDOT staff and they will be responsible for contacting MISS DIG.

- D. The consultant is responsible for supplying coring equipment and labor for all work within 24 hours of each request for service. Equipment will consist of a gasoline or diesel powered coring rig with a mechanical drive train, capable of coring reinforced concrete pavement at least 18 inches in thickness. The core rig will be equipped with enough core barrels to complete a minimum of 20 individual cores, per day, from 12-inch thick reinforced concrete. All core barrels will be 6-inch diameter, unless otherwise directed by the pavement evaluation engineer or his appointed representative. Each coring rig will be operated by at least two crew members capable of completing all work associated with retrieval and recording a minimum of 20 cores per day. Inability to meet this production rate may be cause for early termination of this agreement. Historically, this production rate has resulted in the need for overtime hours.
- E. The consultant is responsible for transporting cores to MDOT's Construction and Technology lab, located at 8885 Ricks Road, Lansing, Michigan. Typically this is limited to every tenth core and all penalty cores. Undamaged cores not transported to the MDOT lab may be used by the consultant as plugs for patching core holes.
- F. The consultant will perform field operations in accordance with MDOT's Personal Protective Equipment (PPE) policy as provided in the departmental Guidance Document GD #10118. A current version of MDOT's PPE policy is available, via the internet on the Bulletin Board System, at the following address.
<http://apps.mdot.state.mi.us/interchange/guidocs/files/10118.pdf>
- G. Normally traffic control devices are not required in areas closed to traffic during construction. However, work will be performed under conditions typical of roadway construction, where frequent movement of construction equipment and vehicles is common. If work is performed in areas open to traffic, MDOT staff will provide all labor and equipment for traffic control.
- H. Failure to comply with any of the requirements listed above will be considered unsatisfactory performance by the consultant.

MDOT RESPONSIBILITIES:

- A. All questions may be directed to MDOT's field technician, who will remain in daily contact with the consultant's crew during the duration of work.
- B. MDOT will provide construction plans for each work location.
- C. MDOT will perform all soils and aggregate sampling which occurs below the paved roadway layer.
- D. MDOT will provide all equipment and labor required for appropriate traffic control, where work is preformed in areas open to traffic.

SCORING:

Candidates submitting proposals will be evaluated using established selection method. Scores are assigned to each candidate based on five categories each worth an amount of points. Scores from each of the categories are summed together to generate an overall point total. Following is a description of criteria and point assignment used to score proposals.

- A. **Understanding of Services – 25 points:** Statement of understanding of project requirements and a technical explanation of procedures and work plans use to perform work. A brief description of equipment to be used to complete work.
- B. **Qualifications and team experience – 35 points:** List qualifications and experience of key staff assigned to each component of work.
- C. **Past performance and experience with similar projects – 30 points:** Provide a list and description of similar project you have provided services for in the past five years. Provide references, including name, title, address and phone number of a project leader.
- D. **Price – 25 points:** Provide a list of unit prices per coring day for individual MDOT regions, using the attached form.
- E. **Location – 5 points:** Include the location of the office(s) from which work will be performed.

CONSULTANT PAYMENT – Unit Price:

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

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 shall 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.

The contract unit price for core days, counted in increments of 0.1, will be the sole method of payment for this project and includes all equipment and labor costs to the consultant. Quantity is based on actual cores retrieved and documented.

The consultant will be paid 1.0 coring days each day MDOT requires boring and removal of 10 or fewer cores. Typically these requests represent small projects where less than 10 cores are needed. The consultant will be paid an addition 0.1 core days for each additional core retrieved and documented, above 10 per day.

For example, 15 cores retrieved and documented, during one work day, in Bay City will result in payment for 1.5 core days at the Bay Region unit price. If less than 10 cores are retrieved resulting from inclement weather or equipment failure, payment for that day will be calculated as the product of unit price for core days multiplied by the number of cores retrieved and documented, multiplied by 0.1.

PRICE SHEET

2009 On-Call Statewide Pavement Coring

PAY ITEMS

ITEMS OF WORK	ESTIMATED # OF CORES (Information only)	ESTIMATED QUANTITY	UNIT PRICE (BASED ON 10 CORES/DAY)	REGION SUBTOTAL
Coring Days – Grand Region	50 Each	5.0 Coring Days		
Coring Days – Bay Region	500 Each	50.0 Coring Days		
Coring Days – Southwest Region	330 Each	33.0 Coring Days		
Coring Days - University Region	10 Each	1.0 Coring Days		
Coring Days – Metro Region	170 Each	17.0 Coring Days		

Total Price: _____

Consultant Name	
Consultant Address	
Date	