

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

|  |   |   |   |
|--|---|---|---|
|  | REQUISITION NUMBER  | DUE DATE  |   |
| MDOT PROJECT MANAGER   | JOB NUMBER (JN)   | CONTROL SECTION (CS)  |   |
| DESCRIPTION  |   |   |   |
| <b>MDOT PROJECT MANAGER:</b> Check all items to be included in RFP<br><br>WHITE = REQUIRED<br>GRAY SHADING = OPTIONAL<br><br>Check the appropriate Tier in the box below |   | <b>CONSULTANT:</b> Provide only checked items below in proposal |   |
| <input type="checkbox"/><br><b>TIER I</b><br>(\$25,000-\$99,999)   | <input type="checkbox"/><br><b>TIER II</b><br>(\$100,000-\$250,000) | <input type="checkbox"/><br><b>TIER III</b><br>(>\$250,000)     |   |
| <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"/>  | <b>Location:</b> The percentage of work performed in Michigan will be used for all selections unless the project is for on-site p=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) ( <b>No Resumes</b> )   | 7 pages (MDOT Forms not counted)                                    | 14 pages (MDOT forms not counted)                               | Total maximum pages for RFP <b>not including key personnel resumes.</b> Resumes limited to 2 pages per key staff personnel.   |

**PROPOSAL AND BID SHEET EMAIL ADDRESS** – [mdot-rfp-response@michigan.gov](mailto: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 only for firms not currently prequalified with MDOT)

**(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" and "Guideline for Completing a Low Bid Sheet(S)\*, if a low bid is involved as part of the selection process. **Reference 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 \_\_\_\_\_ THROUGH \_\_\_\_\_

**Prequalified Services** – See page \_\_\_\_ 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 is required with Proposal for firms not currently prequalified with MDOT**

**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 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 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. The vendor that has met established qualification threshold and 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**

Bid Sheet(s) must be submitted in accordance with the "Guidelines for Completing a Low Bid Sheet(s)\* (available on MDOT's website). Bid Sheet(s) are located at the end of the Scope of Services. Submit bid sheet(s) separate from the proposal, to the email address: [mdot-rfp-response@michigan.gov](mailto:mdot-rfp-response@michigan.gov). Failure to comply with this procedure may result in your bid being rejected from consideration.

**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](mailto: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**

**Michigan Department of Transportation**

**SCOPE OF SERVICE  
FOR  
CONSTRUCTION SERVICES  
As Needed Construction Staking  
Revised 11/1/2012**

**CONTROL SECTIONS(S):** Various

**JOB NUMBER(S):** Various

**PROJECT LOCATION(S):** Gratiot, Isabella, Midland, Clare, Gladwin, Huron & Sanilac Counties

**DESCRIPTION OF WORK:**

Provide staking services for road and bridge construction work. This work includes staking of horizontal and vertical control and generation of staking data for road, bridge and sewer work during active construction operations and during office work to close the project out (“finaling”). The surveyors shall work under the direction of the Project Engineer Manager.

At any time throughout the consultant contract MDOT may supply a person to be utilized on the staking crew. The person will still work for MDOT and be paid by MDOT for all hours worked.

See Attachment A for the list of 2013 & 2014 construction projects in the Mt. Pleasant TSC area that will require “as-needed” surveying and staking. The information on Attachment A was compiled with the most current data at the time of solicitation and is subject to change.

**ANTICIPATED START DATE:** February 1, 2013

**ANTICIPATED COMPLETION DATE:** ~~February 28, 2015~~ **March 31, 2014**

**PRIMARY PREQUALIFICATION CLASSIFICATION:**

Construction Staking  
Right-of-Way Surveys

**SECONDARY PREQUALIFICATION CLASSIFICATION:**

None

**DBE REQUIREMENT:** N/A

**ESTIMATED PROJECT COSTS:** ~~\$44,000,000.00~~ **\$38,500,000.00**

## **MDOT PROJECT ENGINEER MANAGER:**

Louis J. Taylor, P.E.  
Mt. Pleasant Transportation Service Center (TSC)  
1212 Corporation Drive  
Mt. Pleasant, MI 48858  
Phone (989) 233-0633  
Fax (989) 775-6329  
Email: taylorl23@michigan.gov

## **GENERAL INFORMATION:**

### **Construction Staking terminology:**

The construction staking services required for this project consist of **Engineering and Construction Staking** - Including but not limited to:

- Set initial layout
- Grade stakes
- Line
- Grade
- Slope stakes
- Right of Way

The Consultant's principal contact with the Department shall be through the designated Project Engineer Manager.

At the request of the Department, the Consultant, during the progress of the Services, shall furnish information or data relating to the Services described herein and may be required by the Department to enable it to carry out or to proceed with related phases of the Project not described herein, or which may be necessary to enable the Department to furnish information to the consultant upon which to proceed with further Services.

The Consultant agrees to demonstrate the knowledge and performance in compliance with the standard construction practices of the Department; the project specific construction contracts, proposal, and plans; the Standard Specifications for Construction and all applicable publications referenced within; the Michigan Construction Manual; and any and all other references, guidelines, and procedures manuals needed to carry out the work described herein in an appropriate manner.

The selected firm should be familiar with all aspects of surveying.

The Consultant shall also furnish all materials, equipment, supplies and incidentals necessary to perform the Services (other than those designated in writing to be furnished by the Department), and check and/or test them prior to use in carrying out this work.

The Consultant is responsible for verifying all plan grades, sewer invert and outlet grades, top of casting grades and all other necessary grades for construction of project prior to staking. The Consultant should review the project documents far enough in advance to determine if they contain errors so that they can be corrected prior to staking the information in the field. Errors shall be brought forth to the Project Engineer Manager immediately upon discovery.

The Consultant(s) will immediately bring to the attention of the Project Engineer Manager the failure by the Contractor to comply with a plan or specification requirement, any problem, trends toward borderline compliance, or any other occurrence with may require resolution by the Engineer.

The Consultant(s) shall provide their own transportation to, from, and on the project site to perform the services outlined herein.

The surveyor(s) shall have all equipment necessary to complete the work as required and provide detailed drawings, profiles etc., when requested by the Engineer.

The surveyor(s) shall wear personal safety equipment in accordance with MIOSHA and MDOT requirements and practices while on the project site.

The surveyor(s) shall attend all project related meetings, when directed by the Project Engineer Manager.

### **CONSULTANT RESPONSIBILITIES:**

The Project Engineer Manager shall be immediately notified of any staking requests which may be received by the Consultant directly from the Prime Contractor, subcontractor, or supplier.

All overtime for the Consultant must be authorized by the Project Engineer Manager prior to the start of the work by the Consultant.

The Consultant shall return to the Project Engineer Manager at the completion of this Agreement any and all Project-specific materials and documents furnished to the consultant by the Project Engineer Manager.

The Consultant shall provide original and final plotted cross sections and final volume calculations of a format meeting the prior approval of the Project Engineer Manager for all earthwork, undercuts, muck excavation, swamp backfill, and topsoil stripping and will determine final quantities for these items by plan sheet breakdown.

Intermediate plotted cross sections will be provided by the Consultant to verify interim earthwork quantities when requested by the Department. The Consultant shall also

provide to the Project Engineer Manager a final “as constructed” full sized set of paper plans documenting all changes of vertical and horizontal alignment, all drainage and subsurface changes, and other miscellaneous changes.

Staking documentation and field notes shall be legally bound, signed, checked, dated and provided by the Consultant in a neat and orderly manner as approved by the Project Engineer Manager prior to the start of the related work. The field notes and grade computation documents shall become the property of the Department upon completion of the work. The field notes and computation documents may be inspected by the Department at any time. Failure to provide the field notes and grade computation documents upon completion of the work could result in non payment for consultant services.

The Consultant shall supply all stakes, survey equipment, personnel and other devices necessary for checking, marking, preserving and maintaining all points, lines and grades. Stakes will be set and marked in a manner that will permit checking of the work.

The Consultant shall be responsible for any errors that occur on the project due to a staking error. The Consultant will be responsible to compensate MDOT for the additional costs incurred due to a staking error on the project. At such time, the error is discovered MDOT will meet with the Consultant to discuss options to rectify the error. Once final costs are received from the Contractor for the additional work to rectify the problem MDOT will forward a copy to the consultant for reimbursement.

#### **MDOT RESPONSIBILITIES:**

The Project Engineer Manager shall determine if a staking error or omission has occurred. The Project Engineer Manager will notify the Consultant in writing within 10 business days of the error or omission.

The Project Engineer Manager shall furnish to the Consultant all Project-specific construction contracts, proposals, plans, shop drawings, plan revisions, written instructions, and other information and/or data as deemed necessary by the Project Engineer Manager for the Consultant to perform the services required. Otherwise, such documents are available for download from the MDOT web site.

#### **CONSULTANT PAYMENT:**

Compensation for this project shall be on an **actual cost plus fixed fee** basis. This basis of payment typically includes an estimate of labor hours by classification or employee, hourly labor rates, applied overhead, other direct costs, subconsultant costs, and applied fixed fee.

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.

Direct expenses, if applicable, will not be paid in excess of that allowed by the Department for its own employees in accordance with the State of Michigan's Standardized Travel Regulations. Supporting documentation must be submitted with the billing for all eligible expenses on the project in accordance with the Reimbursement Guidelines. The only hours that will be considered allowable charges for this contract are those that are directly attributable to the activities of this project.

The use of overtime hours is not acceptable unless prior written approval is granted by the MDOT Region Engineer/Bureau Director and/or the MDOT Project Engineer Manager. Reimbursement for overtime hours that are allowed will be limited to time spent on this project in excess of forty hours per person per week. Any variations to this rule should be included in the priced proposal submitted by the Consultant and must have prior written approval by the MDOT Region Engineer/Bureau Director and the MDOT Project Engineer Manager.

The fixed fee for profit allowed for this project is 11.0% of the cost of direct labor and overhead.

This scope is for "as needed" services. As such, the hours provided are only an estimate. The Consultant will be reimbursed a proportionate share of the fixed fee based on the portion of the authorized total hours in which services have been provided to the Department. The fixed fee allowed for this project will be 11.0%. Fixed fee on "as needed" projects is computed by taking the percent of actual labor hours invoiced to labor hours authorized, then applying that percentage to the total fixed fee authorized.

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 will 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.

## ATTACHMENT A

Projects included but limited to this listing

### **2013 PROJECTS**

1. 56044-107607A  
Scope of Work: Deck and pier replacement and widening, substructure patching and concrete surface sealer on West River Road over US-10, Midland County.
2. 56044-108695A  
Scope of Work: Deep overlay, railing replacement, concrete surface sealer & steel beam painting, substructure repairs and approaches on 4 Bridges, Mudd Creek & Bluff Creek, on US-10 in Midland County.
3. 56044-110434A  
Scope of Work: Deck replacement, approaches, concrete surface sealer & partial painting, substructure repairs on M-18 over US-10 in Midland County.
4. 56045-115141A  
Scope of Work: Shallow overlay, deck patches, barrier repairs, concrete surface sealer & spot painting, substructure repairs and approaches on Coleman Road over US-10 in Midland County.
5. 56045-106848A  
Scope of Work: Alternate bid contract with either concrete overlay or rubblize HMA resurface, ramp extensions and safety upgrades on US-10 from M-18 westerly to the Midland/Isabella County line.
6. 37013-110754A  
Scope of Work: Construct a narrow boulevard, HMA coldmilling and overlay, curb and gutter. Project will primarily be a night work project with final top course HMA paving and pavement markings completed during daytime hours. On M-20 from Summerton Road easterly to Leaton Road in Isabella County.
7. 37013-41114A  
Scope of Work: Construct a narrow boulevard, HMA coldmilling and overlay, curb and gutter. Project will primarily be a night work project with final top course HMA paving and pavement markings completed during daytime hours. On M-20 from Summerton Road easterly to Leaton Road in Isabella County.
8. 29011-116951A  
Scope of Work: Beam repairs, epoxy injection and overlay approaches on M-57 over US-127 in Gratiot County.
9. 56021-117316A  
Scope of Work: Pier repair with concrete patching, abutment repair and steel repairs on M-20 bridge over the Tittabawassee River in Midland County.

10. 56011-117734A  
Scope of Work: Articulated concrete blocks, rip rap, epoxy injection, hot poured rubber at joints on M-18 over the Curtis and Tripp Drains in Midland County.
11. 29900-107962A  
Scope of Work: Construct a wetland mitigation bank site on MDOT owned property in the southeast quadrant of the US-127/M-57 interchange in Gratiot County.
12. ~~29011-115806 A~~-18041-113065A  
Scope of Work: Epoxy overlay, full depth patches, deck fascia repair, railing repair, full painting, steel repair, rip rap, approach replacement and concrete surface sealer on M-61 over the Muskegon River in Clare County.
13. 26021-115807A  
Scope of Work: Cold milling and one course overlay on M-61 from M-18 westerly to Gladwin/Clare County line in Gladwin County.
14. 84914-116478A  
Scope of Work: HMA crack treatment in various locations in the Mt. Pleasant TSC & Bay City TSC area.
15. 32021 & 56011-117734A  
Scope of Work: Structure scour protection and articulating block, two structures in Midland County and one structure in Huron County.
16. 32011 & 74022-117736A  
Scope of Work: Epoxy overlay with steel beam repair on three structures in Huron, Gladwin, and Sanilac Counties.

#### **2014 PROJECTS**

1. ~~37031-106945A~~  
Scope of Work: ~~Two course HMA overlay, detail 7 & 8 joints, cold milling and safety upgrades on US 10BR from Sunset Avenue easterly to US 10 ramps in Isabella County.~~
2. ~~56023-113512A~~  
Scope of Work: ~~Intersection safety improvements including the construction of a roundabout at the Patrick Road Crossover on US 10BR/M 20 in Midland County.~~
3. ~~18023-115882A~~  
Scope of Work: ~~Epoxy overlay, joint replacement and full paint on Clarabella Road over US 10 in Clare County.~~
4. ~~37032-116187A~~  
Scope of Work: ~~Epoxy overlay, beam end repairs and substructure painting on Leaton Road over US 10 in Isabella County.~~
5. ~~18900-101328A~~  
Scope of Work: ~~Construction of a wetland mitigation bank site within the Tittabawassee River Watershed in Clare County.~~