

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

MDOT PROJECT MANAGER			JOB NUMBER (JN)	CONTROL SECTION (CS)
DESCRIPTION				
<b>MDOT PROJECT MANAGER:</b> Check all items to be included in RFP  WHITE = REQUIRED GRAY SHADING = OPTIONAL			<b>CONSULTANT:</b> Provide only checked items below in proposal	
Check the appropriate Tier in the box below				
<b>TIER I</b> <b>(\$25,000-\$99,999)</b>	<b>TIER II</b> <b>(\$100,000-\$250,000)</b>	<b>TIER III</b> <b>(&gt;\$250,000)</b>		
			Understanding of Service	
			<i>Innovations</i>	
			<i>Safety Program</i>	
N/A			Organizational Chart	
			Qualifications of Team	
			Past Performance	
Not required As part of Official RFP	Not required As part of Official RFP		Quality Assurance/Quality Control	
			<b>Location:</b> 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		Presentation	
N/A	N/A		Technical Proposal (if Presentation is required)	
3 pages (MDOT Forms not counted) <b>(No Resumes)</b>	7 pages (MDOT Forms not counted)	19 pages (MDOT Forms not counted)	Total maximum pages for RFP <b>not including key personnel resumes</b>	

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 \_\_\_\_\_ 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 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	PROPOSAL/BID DUE DATE	TIME DUE
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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

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

<b>Lansing Regular Mail</b>	<b>OR</b>	<b>Lansing Overnight Mail</b>
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

**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.)**

**Michigan Department of Transportation**  
**SCOPE OF SERVICE**  
**FOR**  
**REAL ESTATE SERVICES**  
**SUBSURFACE UTILITY ENGINEERING (SUE)**

**CONTROL SECTION:** 27021

**JOB NUMBER:** 110584 and 110585

**PROJECT LOCATION:** US-2, Tourist Park Road to Roosevelt Street, City of Ironwood, Gogebic County.

**PROJECT DESCRIPTION:** Utility quality level B SUE services shall be performed for the entire right-of-way width and 50 additional feet for all side streets. Utility quality level A shall be performed only as needed to perform utility quality level B SUE services. Additional utility quality level A deliverables will not be needed.

**The selected Consultant will be expected to submit a priced proposal within 10 calendar days after the MDOT Consultant Selection Review Team approval.**

**ANTICIPATED START DATE:** April 2, 2012

**ANTICIPATED COMPLETION DATE:** June 29, 2012

**PRIMARY PREQUALIFICATION CLASSIFICATION:**  
Subsurface Utility Engineering

**SECONDARY PREQUALIFICATION CLASSIFICATION:**  
Right of Way Surveys

**DBE REQUIREMENT:** N/A

**MDOT PROJECT MANAGER:**

Nick Lefke  
Real Estate Division  
425 West Ottawa Street  
P.O. Box 30050  
Lansing, Michigan 48909  
Phone: (517) 335-2208  
E-mail: [lefken@michigan.gov](mailto:lefken@michigan.gov)

The Consultant shall contact the Project Manager prior to beginning any work on this Project.

**DEFINITIONS:**

**SUE** - A branch of engineering practice that involves managing certain risks associated with utility mapping at appropriate quality levels, utility coordination, utility relocation design and coordination, utility condition assessment, communication of utility data to concerned parties, utility relocation cost estimates, implementation of utility accommodation policies, and utility design. (ASCE Standard 38-02)

**Utility Quality Level** - A professional opinion of the quality and reliability of utility information. Such reliability is determined by the means and methods of the professional. Each of the four existing utility data quality levels is established by different methods of data collection and interpretation. (ASCE Standard 38-02)

ASCE Standard 38-02, "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data" has been used as a guideline for the development of this Scope of Services. Depending on the project, the Consultant may be asked to provide some or all the work identified in utility quality levels A through D.

**UTILITY QUALITY LEVEL D** - Information derived from existing records or oral recollections.

MDOT shall-

- Provide a preliminary list of utilities, with contact information, that may have facilities located within the project limits. This list may not be 100% accurate and/or complete.
- Provide assistance, if necessary, in contacting utilities to obtain facility records.
- Provide Consultant with utility responses and facility records if utility information solicitation has been performed.
- Organize and host a kick-off meeting including Consultant, MDOT and utilities prior to Consultant beginning SUE services.

Consultant shall –

- Take appropriate steps to identify all known and unknown utility facilities within the project limits. Some sources of information may include utility owners, visual site inspection, internet search, Public Service Commission, County Clerk's office, Miss Dig Design Ticket, etc.
- Solicit utility information as outlined in Chapter 9 of the MDOT Road Design Manual, section 9.02.03 (Plan Distribution Process for Utility Coordination), if not already completed by MDOT.

- Attend and participate in kick-off meeting with MDOT and utilities. Consultant is expected to provide an explanation of SUE services and what each participant's role is in the SUE process.

**UTILITY QUALITY LEVEL C** - Information obtained by surveying and plotting visible above-ground utility features and by using professional judgment in correlating this information to utility quality level D information.

Consultant shall -

- Complete utility quality level D, as necessary, in order to complete utility quality level C.
- Obtain all necessary permission or permits from MDOT, county, municipality, or other entity, which allow the Consultant to work within the project limits.
- Survey visible above-ground utility facilities and correlate this information with existing utility records.

**UTILITY QUALITY LEVEL B** - Information obtained through the application of appropriate surface geophysical methods to determine the existence and approximate horizontal position of subsurface utilities. Utility quality level B data should be reproducible by surface geophysics at any point of their depiction. This underground information is surveyed to plus or minus one foot accuracy and reproduced onto plan documents.

MDOT shall –

- Provide survey control for the purposes of tying the designated utilities to the State Plane Coordinate System, and vertical system being North American Vertical Datum of 1988 (NAVD88).
- MDOT will also furnish existing highway plans showing topography, horizontal alignments, etc. and/or design mapping using current MDOT Workspace, if available.

Consultant shall –

- Complete utility quality levels C and D, as necessary, in order to complete utility quality level B.
- Provide materials, equipment and personnel necessary for traffic control as directed by the appropriate MDOT Transportation Service Center (TSC) and the MDOT Workzone Mobility Policy. Consultant may be required to work off peak hours. Consultant shall not work on weekends, national holidays, state holidays, or days proceeding said holidays without written permission from the TSC.
- Provide materials, equipment and personnel, including surveying capability, to designate, mark, and record, the horizontal location of all existing underground utilities, major laterals, and storm sewers. Typically, horizontal designating of underground utilities shall be accurate to plus or minus one foot.

- Provide additional storm sewer information which includes opening covers/grates to determine structure diameter, condition and type (precast/block) as well as invert (pipe) elevations, directions, material (plastic, concrete, etc.) and sizes.
- Prepare CADD files containing horizontal utility depictions using the conventions indicated in the MDOT Road Design Manual.

**UTILITY QUALITY LEVEL A** - Precise horizontal and vertical location of utilities obtained by the actual exposure (or verification of previously exposed and surveyed utilities) and subsequent measurement of subsurface utilities, usually at a specific point. Minimally intrusive excavation equipment is used to reduce the potential for utility damage. Precise horizontal and vertical locations, as well as other utility attributes, are shown on plan documents. Accuracy is typically set to 0.05 decimal feet (approximately 5/8”) vertical and to applicable horizontal survey and mapping accuracy as defined or expected by the Project Manager.

MDOT shall –

- Furnish preliminary highway plans showing areas requiring test holes.

Consultant shall –

- Complete utility quality levels B, C, and D, as necessary, in order to complete utility quality level A.
- Comply with State law requirements prior to performing excavation activities.
- Coordinate with the utilities as required.
- Excavate test holes in a manner such as vacuum excavation, hand digging, etc. that prevents damage to utility wrappings, coatings, or other protective coverings.
- Neatly cut and remove existing pavement, with cut area not to exceed 225 square inches, using a method enabling vertical and horizontal utility exploration.
- Be responsible for any damage to the utility during excavation.
- Backfill and compact test holes with approved material.
- Provide a permanent pavement restoration for test holes performed through the roadway pavement. If the test hole is performed in an area other than the roadway pavement, the area disturbed shall be restored to equal or better than the condition before excavation.
- Tie all vertical elevations to a minimum of two checked benchmarks. The accuracy of these benchmark checks shall be in accordance with surveying practices that ensure vertical surveying of underground utilities is accurate to 0.05 decimal feet.

**DELIVERABLES** - The final deliverables shall be sealed by a licensed professional civil engineer registered in the State of Michigan. The Consultant is responsible for the accuracy of all information presented to MDOT. Deliverables shall be sent to the MDOT Project Manager.

- CADD files containing horizontal utility depictions shall be submitted to MDOT on CD/DVD in CADD format utilizing MDOT's current version of MicroStation and MDOT Workspace.
- Storm sewer additional information shall be provided in MicroSoft Excel spreadsheet format.
- For all test holes performed, the following information shall be submitted to MDOT on CD/DVD in CADD format utilizing MDOT's current version of MicroStation and MDOT Workspace:
  - Elevation of top of utility tied to project vertical datum
  - Elevation of existing grade over utility at the test hole
  - Horizontal location referenced to project coordinate datum
  - Outside diameter of pipe or width of duct banks and configuration of non-encased multi-conduit systems
  - Size, type and owner of utility facility
  - Utility structure material composition and condition, when possible

**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 the MDOT Project 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 Manager.

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