

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 WHITE = REQUIRED ** = OPTIONAL Check the appropriate Tier in the box below		CONSULTANT: Provide only checked items below in proposal	
<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"/>	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 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) (No Resumes)	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 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

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, 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
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Qualifications 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.) 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) 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.

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
DESIGN SERVICES**

CONTROL SECTION(S): 45012

JOB NUMBER(S): 117604C

PROJECT LOCATION:

Approximately 3000' east of the intersection of M-22 and S. Basch Rd. The boardwalk is located west of the M-22 highway right-of-way, adjacent to Narada Lake, T29N, R13W, Cleveland Township, Leelanau County in Sleeping Bear Dunes National Lakeshore.

PROJECT DESCRIPTION:

Work involved in the design of the project consists of: Design of a wooden boardwalk approximately 400-600 ft long (depending on the final alignment), 14 ft wide with 12 ft spans.

The structure alignment is expected to closely parallel M-22. Other alignments, other dimensions and various architectural treatments will be considered based on an onsite assessment.

The consultant shall also provide soil borings and foundation investigations along the alignment of the boardwalk to determine foundation recommendation for the boardwalk structure.

The survey has been completed and will be provided.

ANTICIPATED SERVICE START DATE: 10/01/2014

ANTICIPATED SERVICE COMPLETION DATE: 10/05/2015

PRIMARY PREQUALIFICATION CLASSIFICATION(S):

SHORT AND MEDIUM SPAN BRIDGES

SECONDARY PREQUALIFICATION CLASSIFICATION(S):

GEOTECHNICAL ENGINEERING SERVICES

DBE REQUIREMENT: N/A

MDOT PROJECT MANAGER:

Clint Mayoral, P.E.
Van Wagoner Building
425 W. Ottawa
P.O. Box 30050
Lansing, MI 48909
517-241-1130

CONSTRUCTION COST:

A. The estimated cost of construction is:

1.	Bridge Cost	\$650,000
2.	Pathway Cost	\$1,134,000

CONSTRUCTION TOTAL JN 120674A \$ 1,784,000

The above construction total is the amount of funding programmed for this project. The Consultant is expected to design the project within the programmed amount.

If at any time the estimated cost of construction varies by more than 5% of the current programmed amount, then the Consultant will be required to submit a letter to the MDOT Project Manager justifying the changes in the construction cost estimate.

REQUIRED MDOT GUIDELINES AND STANDARDS:

Work shall conform to current MDOT, FHWA, and AASHTO practices, guidelines, policies, and standards (i.e., Road Design Manual, Standard Plans, Drainage Manual, Roadside Design Guide, A Policy on Geometric Design of Highways and Streets, Michigan Manual of Uniform Traffic Control Devices, etc.).

NOTE: A process change mandated by federal audit of MDOT’s design process puts the Omissions and Errors Check Meeting after the Plan Completion. Please keep this in mind when preparing your schedule. See MDOT Road Design Manual, Chapter 14 – Procedures – Section 14.54 for corroboration. See “For Your Information” contacts at the end of this document for more info or questions.

Consultant is required to use MDOT’s current version of Bentley MicroStation for CADD applications and Bentley GEOPAK for road design. Consultant shall comply with all MDOT CADD standards and file naming conventions.

CONSULTANT RESPONSIBILITIES:

Complete the design of this project including, but not limited to the following:

The Consultant must adhere to all applicable OSHA and MIOSHA safety standards, including the appropriate traffic signs for the activities and conditions for this job and perform field operations in accordance with the Department's Personal Protective Equipment (PPE) policy as stated in the MDOT Guidance Document #10118.

Meet with the MDOT Project Manager to review project, location of data sources and contact persons, and review relevant MDOT operations. The Consultant shall review and clarify project issues, data needs and availability, and the sequence of events and team meetings that are essential to complete the design by the project plan completion date. Attention shall be given to critical target dates that may require a large lead time, such as geotechnical requirements, ROW submittal dates, Railroad coordination requirements, utility conflict resolution, local agency meetings, etc.

- A. Conduct structure foundation investigation.
- B. Prepare required plans, typical cross-sections, details, and specifications required for design and construction.
- C. Compute and verify all plan quantities.
- D. Provide solutions to any unique problems that may arise during the design of this project.
- E. The Consultant may be required to provide Design Services during the construction phase of this project. If Construction Assistance is required, then a separate authorization for those services will be issued.
- F. Maintain a Design Project Record which includes a history of significant events (changes, comments, etc.) which influenced the development of the plans, dates of submittals and receipt of information.
- G. The Consultant shall be required to prepare and submit a CPM network for the construction of this project.
- H. Prepare staging plans and special provisions for maintaining traffic during construction.
- I. If excavation is required, submit the excavation locations which may contain contamination. Project Manager then can proceed in requesting a Preliminary Project Assessment (PPA).
- J. The Consultant shall be required to prepare and submit a CPM network for the construction of this project.

- K. The Consultant representative shall record and submit type-written minutes for all project related meetings to the MDOT Project Manager within two weeks of the meeting. The Consultant shall also distribute the minutes to all meeting attendees. MDOT will provide and distribute official meeting minutes for the Plan Review Meeting.
- L. The Consultant will provide to MDOT at the scheduled submittal dates, copies of the required specifications and plan set materials for distribution by MDOT for all reviews for this project with the exception of The Plan Review. The Consultant shall contact the project manager prior to the submittal dates for the exact number of copies that will be required for submittal. The following is an estimate of the number of copies that will be needed; 30 sets – Pre-OEC, 30 sets - OEC Review.
- M. Prepare and submit electronically (native format or Adobe PDF) any information, calculations, hydraulic studies, or drawings required by MDOT for acquiring any permit (ie. NPDES, DEQ, etc), approvals (i.e. county drain commission) and related mitigation. MDOT will submit permit requests.
- N. Attend any project-related meetings as directed by the MDOT Project Manager.
- O. Attend information meetings (i.e., public hearings, open houses, etc.) with the public and public officials to assist in responding to concerns and questions. May require the preparation of displays such as maps, marked-up plans, etc.
- P. The Consultant shall assist in the review of utility permit requests, incorporate the information in the design plans, and respond within 2 weeks from receipt of the permit.
- Q. The MDOT Project Manager shall be the official MDOT contact person for the Consultant **and shall be made aware of all communications regarding this project**. The Consultant must either address or send a copy of all correspondence to the MDOT Project Manager. This includes all Subcontractor correspondence and verbal contact records.
- R. The Consultant shall contact the MDOT Project Manager whenever discoveries or design alternatives have the potential to require changes in the scope, limits, quantities, costs, or right-of-way of the project.

- S. The Consultant shall contact a representative of the MDOT Lansing CFS Geotechnical Section Office and meet at the field site prior to any work in order to determine the acceptable method of obtaining the required geotechnical information. It is anticipated that two mobilizations may be required to complete the required geotechnical investigations. One mobilization could be used for obtaining soil borings in upland areas, while a second mobilization will be required for obtaining soil borings in wetland areas. Soil borings in wetland areas shall take place in winter months when the wetland is frozen.
- T. The Consultant will coordinate the structure design with the trail design.

UTILITIES:

The Consultant shall be responsible for showing on the plans the location and names of all existing utilities within the limits of the project. In the course of resolving utility conflicts, the Consultant shall make modifications to the plans or design details and provide assistance as directed by the MDOT Utility Permits Engineer and/or Project Manager. The Consultant shall attend any utility meetings called to ensure that the concerns are addressed on the plans involving utilities. The Consultant shall assist in the review of utility permit requests to ensure compatibility with the project. The Consultant will be responsible for miscellaneous staking of utilities.

TRAFFIC CONTROL:

- A. The Consultant shall be responsible for all traffic control required to perform the tasks as outlined in this Scope of Design Services.
- B. The MDOT will provide Traffic Control Details as necessary for the Consultant to perform the tasks as outlined in this Scope of Design Services.
- C. The Consultant shall be responsible for adding MOT information on the design plans as appropriate.

MDOT PERMITS:

The MDOT will provide all access permits to the Consultant.

MONTHLY PROGRESS REPORT

On the first of each month, the Consultant Project Manager shall submit a monthly project progress report to the Project Manager.

MDOT RESPONSIBILITIES:

- A. Schedule and/or conduct the following:
 - 1. Project related meetings.
 - 2. The Plan Review
 - 3. Utility Meetings.
 - 4. Quantity summary sheets and final item cost estimates.
 - 5. Packaging of plans and proposal.
- B. Furnish Special Details and pertinent reference materials.
- C. Furnish prints of an example of a similar project and old plans of the area, if available. Furnish the E.A.
- D. Obtain all permits for the project as outlined in previous section.
- E. The MDOT will provide all utility coordination and any necessary utility relocation. The Consultant shall attend any required utility meetings.
- F. The MDOT shall provide all survey information.
- G. The MDOT will coordinate the work for the road design portion of this work.
- H. Furnish FTP site for software download and instructions for the MDOT Stand Alone Proposal Estimator's Worksheet (SAPW).

DELIVERABLES:

The Consultant shall deliver all computer files associated with the project in their native format (spreadsheets, CADD files, GEOPAK files, etc.) on DVD, CD or uploaded to ProjectWise, as directed by the MDOT Project Manager. All CADD/GEOPAK files shall be created and identified with standard MDOT file names as shown in Appendix A of the Road Design Manual. It is the Consultant's responsibility to obtain up to date MicroStation and GEOPAK seed/configuration files necessary to comply with MDOT's CADD standards which are posted to the bulletin board system. When the use of GEOPAK road design software is necessary to develop plans all pay items shall be placed into the CADD file using GEOPAK's Design and Computation Manager so that Quantity Manager can be used to transfer pay item information to SAPW/Trns*port. Any CADD/GEOPAK files that do not conform to MDOT standards will be returned to the Consultant for correction at the Consultant's expense.

Proposal documents shall be submitted in their native format with standard naming conventions as well as combined into one Adobe PDF file in the sequence specified by MDOT. To provide text search capabilities the combined proposal shall be created by converting native electronic files to PDF. Scanning to PDF is discouraged except in instances where it is necessary to capturing a legally signed document or a hard copy version of a document is all that exists.

Plan files shall be submitted in their native dgn format with standard naming conventions as well as plotted into a combined Adobe PDF file. Plan sheets shall be plotted to Adobe PDF with full text search and level on/off capabilities in half size (11" x 17") formats. A full size title sheet shall be plotted stamped and signed then scanned for inclusion with the Adobe PDF set. The original title sheet will be sent to the MDOT Project Manager.

Stand Alone Proposal Estimator's Worksheet (SAPW) shall be used to generate the txt and csv files necessary for import into the Trns*port bid letting software. The SAPW files shall be transmitted electronically by the method specified by the MDOT Project Manager.

The project construction, removal and profile sheets will require a ratio (scale) of **1:40 (English Units)**.

Other plan sheets that are required for this project shall be completed by the Consultant. These include, but are not limited to the following plan sheets:

- A. The title sheet. MDOT will provide a map of the area on a disk in our workstation format. If the map is not available, MDOT will provide a map that could be used. The Consultant shall be responsible for any revisions to the title sheet and the title sheet and map shall meet MDOT format and layout guidelines.
- B. Note Sheet.
- C. Typical Cross-Sections.
- D. Project specific Special Details.
- E. Construction staging.
- F. Detail grade sheets for critical areas.
- G. Witness and benchmark sheet(s).
- I. Soil boring log sheet(s).
- J. Structure and Pile Layout plan(s).

All plans, special provisions, estimates, and other project related items shall meet all MDOT requirements and detailing practices (i.e., format, materials, symbols, patterns, and layout) or as otherwise directed by the Project Manager. All plans, specifications, and other project related items are subject to review and approval by MDOT.

PROJECT SCHEDULE:

The Consultant shall use the following events to prepare the proposed implementation schedule as required in the Guidelines for the Preparation of Responses on Assigned Design Services Contracts. These dates shall be used in preparing the Consultant's Monthly Progress Reports.

MDOT PRECONSTRUCTION TASKS CONSULTANT CHECKLIST

Please indicate with a check in the box next to each task number whether you believe that task will require consultant involvement on the job. Milestones (a specific event at a point in time) are italicized and underlined. See the [P/PMS Task Manual](#) for more details. Scheduling assistance may be accomplished with estimated completion dates. While not part of P/PMS, an Authorization Milestone and Post-Design Tasks have been included for your reference.

STUDY (EARLY PRELIMINARY ENGINEERING)

		P/PMS TASK NUMBER AND DESCRIPTION	DATE TO BE COMPLETED BY (mm/dd/yyyy)	
YES	NO	CONSULTANT CONTRACT AUTHORIZATION/EXECUTION	/	/
<u>EPE SCOPING ANALYSIS</u>				
<input type="checkbox"/>	<input type="checkbox"/>	2100 Scope Verification and Initiation of EPE Activities	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<i><u>210M Program & Project Review Board Concurrence</u></i>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2115 Traffic Data Collection	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2120 Prepare Traffic Analysis Report	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2125 Traffic Capacity Analysis	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2130 Prepare Project Justification	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<i><u>213M Concurrence by Regulatory Agencies with the Purpose and Need</u></i>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2140 Develop and Review Illustrative Alternatives	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2155 Request/Perform Safety Analysis	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2160 Prepare and Review EIS Scoping Document	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<i><u>211M Public Information Meeting</u></i>	/	/
<u>EPE DRAFT ANALYSIS</u>				
<input type="checkbox"/>	<input type="checkbox"/>	2310 Conduct Technical SEE Studies	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2311 Cultural Resources Survey	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2312 Recreational Survey – Section 4(f)/6(f)	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2313 Endangered Species Survey	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2314 Wetland Assessment	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2315 Wetland Mitigation	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2316 Other Technical Reports	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2321 Prepare for Aerial Photography	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2322 Finish/Print Aerial Photography	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2330 Collect EPE Geotechnical Data	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2340 Develop and Review Practical Alternatives	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<i><u>233M Aerial Photography Flight</u></i>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2360 Prepare and Review EA	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<i><u>231M Approval of EA by FHWA</u></i>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2370 Prepare and Review Draft EIS	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<i><u>237M Approval of Draft EIS by FHWA</u></i>	/	/

<input type="checkbox"/>	<input type="checkbox"/>	2380	Distribute EA	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>232M</u>	<u>Public Hearing for EA</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2390	Distribute DEIS	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>239M</u>	<u>Public Hearing for DEIS</u>	/	/

MDOT PRECONSTRUCTION TASKS CONSULTANT CHECKLIST

STUDY (EARLY PRELIMINARY ENGINEERING) (cont'd)

		P/PMS TASK NUMBER AND DESCRIPTION		DATE TO BE COMPLETED BY (mm/dd/yyyy)	
YES	NO				
<u>EPE FINAL ANALYSIS</u>					
<input type="checkbox"/>	<input type="checkbox"/>	2510	Determine and Review Recommended Alternative	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>250M</u>	<u>Concurrence by Regulatory Agencies with Recommended Alternatives</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2525	Prepare and Review Engineering Report	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2530	Prepare and Review Request for FONSI	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>252M</u>	<u>Approval of FONSI by FHWA</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2540	Prepare and Review FEIS	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>254M</u>	<u>Approval of FEIS by FHWA</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2550	Obtain ROD	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>255M</u>	<u>ROD Issued by FHWA</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2570	ITS Concept of Operations	/	/
<u>CONTAMINATION INVESTIGATION</u>					
<input type="checkbox"/>	<input type="checkbox"/>	2810	Project Area Contamination Survey (PCS)	/	/
<input type="checkbox"/>	<input type="checkbox"/>	2820	Preliminary Site Investigation (PSI) for Contamination	/	/

PRELIMINARY ENGINEERING - DESIGN

<u>DESIGN SCOPE VERIFICATION AND BASE PLAN PREPARATION</u>					
X	<input type="checkbox"/>	3130	Verify Design Scope of Work and Cost	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3310	Prepare Aerial Topographic Mapping	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3320	Conduct Photogrammetric Control Survey	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3321	Set Aerial Photo Targets	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3330	Conduct Design Survey	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3340	Conduct Structure Survey	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3350	Conduct Hydraulics Survey	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3360	Prepare Base Plans	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>311M</u>	<u>Utility Notification</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3361	Review and Submit Preliminary ROW Plans	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>331M</u>	<u>Preliminary ROW Plans Distributed</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3365	Pre-Conceptual ITS Design and Meeting	/	/
X	<input type="checkbox"/>	3370	Prepare Structure Study	09/30/2015	

<input type="checkbox"/>	<input type="checkbox"/>	3375	Conduct Value Engineering Study	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3380	Review Base Plans	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>332M</u>	<u>Base Plan Review (Pre-GI Inspection)</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3390	Develop the Maintaining Traffic Concepts	/	/

MDOT PRECONSTRUCTION TASKS CONSULTANT CHECKLIST

PRELIMINARY ENGINEERING - DESIGN (cont'd)

		P/PMS TASK NUMBER AND DESCRIPTION		DATE TO BE COMPLETED BY (mm/dd/yyyy)	
YES	NO				
<u>PRELIMINARY PLANS PREPARATION</u>					
<input type="checkbox"/>	<input type="checkbox"/>	3510	Perform Roadway Geotechnical Investigation	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3520	Conduct Hydraulic/Hydrologic and Scour Analysis	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3522	Conduct Drainage Study, Storm Sewer Design, and use Structural Best Management Practices	/	/
X	<input type="checkbox"/>	3530	Conduct Structure Foundation Investigation	/	/
X	<input type="checkbox"/>	3535	Conduct Structure Review for Architectural and Aesthetic Improvements	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3540	Develop the Maintaining Traffic Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3551	Prepare/Review Preliminary Traffic Signal Design Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3552	Develop Preliminary Pavement Marking Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3553	Develop Preliminary Non-Freeway Signing Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3554	Develop Preliminary Freeway Signing Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3555	Prepare/Review Preliminary Traffic Signal Operations	/	/
X	<input type="checkbox"/>	3570	Prepare Preliminary Structure Plans	11/02/2015	
<input type="checkbox"/>	<input type="checkbox"/>	3580	Develop Preliminary Plans	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3581	Review and Submit Final ROW Plans	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>351M</u>	<u>Final ROW Plans Distributed</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3585	Final ITS Concept Design and Meeting	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3590	Review Preliminary Plans (Hold Plan Review Meeting)	01/06/2015	
X	<input type="checkbox"/>	<u>352M</u>	<u>THE Plan Review (Grade Inspection)</u>	01/06/2015	
<input type="checkbox"/>	<input type="checkbox"/>	3595	Conduct ITS Structure Foundation Investigation	/	/
<u>UTILITIES</u>					
<input type="checkbox"/>	<input type="checkbox"/>	3610	Compile Utility Information	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3615	Compile ITS Utility Information	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3650	Coordinate RR Involvement for Grade Separations	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3655	Coordinate RR Involvement for At-Grade Crossings	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3660	Resolve Utility Issues	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>360M</u>	<u>Utility Conflict Resolution Plan Distribution</u>	/	/

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>361M Utility Meeting</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3670 Develop Municipal Utility Plans	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3672 Develop Special Drainage Structures Plans	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3675 Develop Electrical Plans	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3680 Preliminary ITS Communication Analysis	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3690 Power Design (Power Drop in Field)	/	/
<u>MITIGATION/PERMITS</u>				
<input type="checkbox"/>	<input type="checkbox"/>	3710 Develop Required Mitigation	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3720 Assemble Environmental Permit Applications	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3730 Obtain Environmental Permit	/	/

MDOT PRECONSTRUCTION TASKS CONSULTANT CHECKLIST

PRELIMINARY ENGINEERING - DESIGN (cont'd)

		P/PMS TASK NUMBER AND DESCRIPTION	DATE TO BE COMPLETED BY (mm/dd/yyyy)	
YES	NO			
<u>FINAL PLAN PREPARATION</u>				
<input type="checkbox"/>	<input type="checkbox"/>	3821 Prepare/Review Final Traffic Signal Design Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3822 Complete Permanent Pavement Marking Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3823 Complete Non-Freeway Signing Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3824 Complete Freeway Signing Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3825 Prepare/Review Final Traffic Signal Operations	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3830 Complete the Maintaining Traffic Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3840 Develop Final Plans and Specifications	/	/
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>380M Plan Completion</u>	/	/
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3850 Develop Structure Final Plans and Specifications	01/07/2015	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3870 Hold Omissions/Errors Check (OEC) Meeting	03/03/2015	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>387M Omissions/Errors Checks Meeting</u>	03/03/2015	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>389M Plan Turn-In</u>	03/17/2015	
<input type="checkbox"/>	<input type="checkbox"/>	3880 CPM Quality Assurance Review	/	/
<input type="checkbox"/>	<input type="checkbox"/>	3890 Final ITS Communication Analysis	/	/

PRELIMINARY ENGINEERING – RIGHT OF WAY

<u>EARLY RIGHT OF WAY WORK</u>				
<input type="checkbox"/>	<input type="checkbox"/>	4120 Obtain Preliminary Title Commitments	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4130 Prepare Marked Final Right Of Way Plans	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>413M Approved Marked Final ROW</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4140 Prepare Property Legal Instruments	/	/

ROW ACQUISITION

<input type="checkbox"/>	<input type="checkbox"/>	4411 Preliminary Interviews	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>441M Post-Decision Meeting</u>	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4412 Real Estate Services Assignment Proposal and Fee Estimate (Form 633s) for Appraisal Work Authorization	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4413 Appraisal Reports	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4420 Appraisal Review Reports	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4430 Acquire Right Of Way Parcels	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4510 Conduct Right Of Way Survey & Staking	/	/

ROW RELOCATION

<input type="checkbox"/>	<input type="checkbox"/>	4710 Relocation Assistance	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4720 Prepare Improvement Removal Plan	/	/
<input type="checkbox"/>	<input type="checkbox"/>	<u>442M ROW Certification</u>	/	/

MDOT PRECONSTRUCTION TASKS CONSULTANT CHECKLIST

POST LETTING/AWARD TASKS (for reference only)

		P/PMS TASK NUMBER AND DESCRIPTION	DATE TO BE COMPLETED BY	
YES	NO		(mm/dd/yyyy)	
<input type="checkbox"/>	<input type="checkbox"/>	4810 Complete Acquisition Process	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4820 Manage Excess Real Estate	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4830 Provide Post-Certification Relocation Assistance	/	/
<input type="checkbox"/>	<input type="checkbox"/>	4910 Conduct ROW Monumentation	/	/
<input type="checkbox"/>	<input type="checkbox"/>	5010 Construction Phase Engineering and Assistance	/	/
<input type="checkbox"/>	<input type="checkbox"/>	5020 Prepare As-Built Drawings	/	/

FOR YOUR INFORMATION

For questions on specific tasks, refer to the P/PMS Task Manual located on the MDOT Bulletin Board System.

For assistance in accessing this manual, please contact one of following:

Dennis Kelley: (517) 373-4614

CONSULTANT PAYMENT – Actual Cost Plus Fixed Fee:

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

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.

MDOT will reimburse the consultant for vehicle expenses and the costs of travel to and from project sites in accordance with MDOT's Travel and Vehicle Expense Reimbursement Guidelines, dated May 1, 2013. The guidelines can be found at http://www.michigan.gov/documents/mdot/Final_Travel_Guidelines_05-01-13_420289_7.pdf?20130509082418. MDOT's travel and vehicle expense reimbursement policies are intended primarily for construction engineering work. Reimbursement for travel to and from project sites and for vehicle expenses for all other types of work will be approved on a case by case basis.

MDOT will pay overtime in accordance with MDOT's Overtime Reimbursement Guidelines, dated May 1, 2013. The guidelines can be found at http://www.michigan.gov/documents/mdot/Final_Overtime_Guidelines_05-01-13_420286_7.pdf?20130509081848. MDOT's overtime reimbursement policies are intended primarily for construction engineering work. Overtime reimbursement for all other types of work will be approved on a case by case basis.