

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 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 3/2/10	TIME DUE 4:00 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

Tom Briggs
 Mailcode : B315, Van Wagoner Building
 425 W. Ottawa, P.O. Box 30050
 Lansing, MI 48933

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

Lansing Regular Mail	OR	Lansing Overnight Mail
<input type="checkbox"/> 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
<input type="checkbox"/> 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 the 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 consultants must provide the Engineer a monthly report on MERS at <https://sso.state.mi.us/> providing employment information on each ARRA project, which will 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.

Prime Consultants are responsible for reporting on all subconsultants' employment information in MERS, as the sub consultants will not have access to do so.

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 sub-grantees, or any State or local agency administering such contract, that pertain to, and involve transactions relating to the contract, subcontract, grant, or sub-grant; and
- (2) To interview any officer or employee of the contractor, grantee, sub-grantee 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

**REQUEST FOR PROPOSALS
AND SCOPE OF SERVICES
FOR
SPECIALTY SERVICES**

*Technical Energy Analysis and Infrared Inspection of Facilities
Best Value Selection*

TIER II BEST VALUE SELECTION

Special notes pertaining to submission of Bid Sheet and Proposal Length

- For this Request for Proposals (RFP) only, do not follow the bid sheet instructions as directed on page 1 of form 5100H.
- The bid sheets should be submitted along with the RFP proposal, but in a separate, sealed envelope clearly labeled with “Price Proposal” and should include the vendor’s name on the outside of the envelop. The format of the bid sheets is indicated at the conclusion of this RFP. Questions about this process should be directed to Kathy Popoff at popoffk@michigan.gov.
- This RFP waives the 7-page proposal limitation for TIER II selections.

CONTROL SECTION: N/A

JOB NUMBER: N/A

PROJECT LOCATION: See attached list.

PROJECT DESCRIPTION:

Michigan Department of Transportation(MDOT) is request a Request for Proposal (RFP) for Technical Energy Analysis (TEA) for each facility on attached list. This TEA will include all aspects of a normal technical energy analysis including the building envelope, heating systems, mechanical cooling systems, domestic hot water (DHW) systems, lighting (interior and exterior), plug loads, etc. HVAC controls and improvements (mechanical timers, night setback controls, programmable controllers, boiler outdoor reset controls, new boiler burners, etc.), automated lighting controls and same-size furnace or motor replacement.

There will be one contract awarded for each of seven Michigan Department of Transportation Regions. Please see the attached spreadsheet for regional grouping of MDOT locations.

In general, MDOT facilities vary from 1300 square feet for small rest areas to over 20,000 square feet for some offices and maintenance garages. The mechanical systems are not complex. Comprehensive TEA which involve computer model and energy use profile is not required. MDOT will provide copies of utility bills a pre-project meeting.

MDOT is requesting proposal for TEA with the following optional services:

Infrared Inspections (at all facilities)

Energy Star Building Certification (select locations*)

The intent of a TEA report is to:

Provide the participant with sufficient, detailed information to make an informed decision as to which Operations and Maintenance (O&Ms) and Energy Conservation Measures (ECMs) to justify capital improvements for installation in their building(s). The energy savings and cost information contained in the TEA report should be sufficiently described for the participant to confirm the economic merit of the proposed ECMs

1. Identify all feasible no/low-cost energy saving O&Ms, Sufficient information should be provided for the participant's operational staff to implement these O&Ms.
2. Provide the Michigan Department of Transportation with sufficient information in the report to review and approve the TEA report and verify savings calculations.

Those submitting proposals must demonstrate:

- (i) Qualifications, experience and capacity to conduct TEA
- (ii) Demonstrate the ability to complete TEA and provide all deliverable reports on or as per the attached schedule.

ANTICIPATED PROJECT START DATE: March 15, 2010

PROJECT COMPLETION DATE: August 15, 2010

PRIMARY PREQUALIFICATION CLASSIFICATION(S):

N/A

SECONDARY PREQUALIFICATION CLASSIFICATION(S):

N/A

DBE REQUIREMENT: N/A

MDOT PROJECT MANAGER:

Thomas Briggs
Michigan Department of Transportation
Murray D. Van Wagoner Transportation Building
P.O. Box 30050
Lansing, Michigan 48909
Phone: (517) 373-0453
Fax: (517) 373-0167
Email: briggst@michigan.gov

PURPOSE OF REQUEST FOR PROPOSAL (RFP)

To reduce energy usage and cost by a identification Operations and Maintenance (O&Ms) and Energy Conservation Measures (ECMs) improvements.

SECTION I – GENERAL INFORMATION

Issuing Office

This Request for Proposal (RFP) is issued by the Michigan Department of Transportation (MDOT). Oversight and project administration will be managed through the Department Services Division.

Terminology

Project Manager

The Department's authorized representative for the Technical Energy Analysis who will direct the vendor.

Technical Energy Analysis

For the purposes of this document, this is the generic term is an analysis that looks at energy efficient opportunities in a building; analyzing the cost of implementation, expected energy cost savings and the resulting payback for installing the measurers.

Infrared Building Inspection

Infrared building inspection is non-destructive technology that discovers unseen building envelop issues including heat loss, moisture, etc. problems that conventional inspection methods do not uncover.

Energy Star Certification

Validation the [Statement of Energy Performance](#) (SEP) and [Data Checklist](#) by having a Professional engineer sign and stamp the SEP and sign the Data Checklist. Note: The Data Checklist is a new requirement as of October 27, 2008 and MUST accompany the Statement of Energy Performance (SEP) when applying for the ENERGY STAR.

Objective of the Proposal

To secure a qualified vendor who can successfully complete a quality Technical Energy Analysis and/or optional Infrared Inspection.

Incurring Costs

MDOT is not liable for any cost incurred by the vendor in preparation of the RFP.

Prime Vendor Responsibilities

The selected vendor will be required to assume responsibility for all services required in this proposal. If any part of the work is subcontracted, the vendor must provide a complete description of the work to be subcontracted and descriptive information about the subcontractor's organization and capabilities to perform the work. The vendor is responsible for adherence of the subcontractor(s) to all provisions of the contract.

Qualifications

The proposing vendor must have experienced personnel and/or past performance of work similar in nature. The vendor must demonstrate, at a minimum, the ability to maintain sufficient staff resources required of this project. A list of all key staff and their roles shall be provided, as well as key staff for any subcontractor(s) being used by the vendor.

Non Performance Penalty

Failure to comply with the contract document shall be grounds for breach of contract and will result in contract termination upon 30 days of written notice.

SELECTION CRITERIA

A team of MDOT staff and representatives will be used to evaluate responses to the RFP based upon the following factors as presented in the vendor's proposal. These are listed in order of importance and a scoring factor has been provided for each category, with a total of 100 points possible.

1. **Understanding of Services: 25 Points.**
The proposal will be evaluated on the level of understanding of the scope of services as presented in this RFP.
2. **Qualifications of Team: 25 Points.**
The professional personnel will be evaluated on the ability to meet the terms of the RFP relative to having the qualifications needed to successfully complete the project. The score will be based on education and overall experience of the individual professional personnel assigned to the project, as specified in the proposal, including sub-consultants, as stated in their attached resumes. The professional personnel who work on the project must be the same individuals identified in the proposal.
3. **Relevant Past Performance: 25 Points.**
The proposals will be evaluated on specific prior experience and work applicable to this scope of services. The consultant should include only the experience of personnel assigned to this project and their roles should be clearly stated. References of consultant and sub-consultants will be checked. The consultant need to provide a list a minimum of three (3) references including names, addresses, phone numbers, fax numbers, and email addresses. The consultant needs to provide sample(s) of previous Technical Energy Analysis Report(s).

4. **Price: 30 Points.**
The total price of the proposal will be scored using a scale determined by the MDOT selection team.
5. **Location: 5 Points.**
The consultant selection criteria will include a consideration of the amount of work that will be performed in Michigan, following the MDOT standard listed here:

<u>Percentage of Work to be done in Michigan</u>	<u>Score</u>
95% to 100%	5
80% to 94%	4
50% to 79%	3
25% to 49%	2
10% to 24%	1
Less than 10%	0

Total Points: 110 Points.

MDOT’S RESERVED RIGHTS

MDOT will award the contract to the most responsive vendor subject to final agreement on the scope of service and contract provisions.

MDOT may conduct an evaluation to ensure that the successful vendor has adequate facilities and staff to provide the proposed service.

MDOT will also have final approval of acceptance of the TEA reports (deliverable.)

WORK SPECIFICATIONS

Technical Energy Analysis of Michigan Department of Transportation Facilities

General Format Requirements for the TEA Report

1. **Formatting the TEA Report**
Number all pages of the report to allow for easy reference. Include descriptive titles and an identifying number or letter for all charts and tables. The report should be clear, concise and well documented.
 - The name and address of the building(s) analyzed in the TEA report
 - The name, phone number, and address of the analyst who produced the TEA report
 - The date of on-site inspection and completion date of the TEA report

- Report must be submitted both hard copy and an electronic copy (CD) of Microsoft Word and the required completed appendices A through E (MDOT provide fillable PDF form)
- Invoice for TEA reports must be submitted with the reports.

2. Table of Contents

The Table of Contents must be complete with page numbers and a descriptive title for each required section of the TEA report.

3. Executive Summary

A discussion of each location’s total annual energy costs and how these costs can be reduced by the installation of O&Ms/ECMs.

A narrative of the O&Ms/ECMs must be included by the TEA analyst, the associated costs of installing these O&Ms/ECMs, and the projected savings and simple payback.

Required O&M/ECM Types:

Each of the following four major areas must be addressed the TEA report. If one of the four major areas has no O&M or ECM recommendations, the TEA report must contain a statement explaining the exclusion.

BUILDING ENVELOPE e.g. storm doors and windows; reduction or expansion in window area; roof/ceiling insulation; weather stripping.

DOMESTIC HOT WATER e.g. insulation of tanks/piping; temperature controls; flow restrictors; replacement of DHW system

HVAC e.g. modulating burners; same size replacement of furnaces or motors; Simple HVAC controls, such as mechanical Timers or stand alone programmable controllers; outdoor air reset controls; duct or pipe insulation

LIGHTING e.g. conversion to T-8 or T-5 fluorescent lamps, or LED bulbs; conversion of exit signs to no watt or LED technology; conversion from incandescent to compact fluorescent; automated HID or fluorescent lighting controls

Required O&M/ECM Types --Limited Component TEA
The areas of ECM analysis for the Limited Component TEA report are limited to the following:

4. Building Fuel Cost Information

Fuel cost/consumption data, representative of use under existing building conditions, must be provided for the most recently available 12-month period. The recommended format is illustrated by the *Building Fuel Cost/Consumption* form (**Appendix C-1 and C-2**). Annual energy use and cost data should be calculated for each fuel type. Copies of fuel bills for the 12 month period must be supplied to support the *Building Fuel Cost/Consumption* forms. Include “customer demand” charges and power factor charges for electricity in calculating average electricity rates. If ECMs are recommended to reduce demand or power factor charges, set apart these charges in a separate column and total them. Use average fuel rates calculated on the *Building Fuel Cost/Consumption* forms in ECM savings calculations unless a different rate can be justified (e.g. prospective switch to a different utility supplier).

5. No/Low Cost O&Ms

Recommending general O&M changes in the TEA report will not only result in energy savings but will directly impact the effectiveness of any ECMs recommended for financing. The TEA shall identify two types of O&M changes. The first type’s no or low cost O&Ms which can be readily implemented by facility personnel. These O&Ms should be changes that offer short or immediate payback. List the recommended no/low cost O&Ms, with a clear and detailed description of each measure identified. No/low cost O&Ms that are to be implemented by in house staff must provide sufficient detail for the facility’s maintenance staff to perform the work

6. APPENDICES

Each report must contain completed Microsoft Word fillable forms, which will be supplied to the selected vendor. PDF versions are provided in this rfp.

APPENDIX B	<i>ECM Summary Form</i>
APPENDIX C - 1	<i>Building Fuel Cost/Consumption Form – Gas</i>
APPENDIX C – 2	<i>Building Fuel Cost/Consumption Form - Electricity</i>
APPENDIX D	<i>Building Energy Use Profile</i>
APPENDIX E	<i>Cost Estimating Worksheet</i>

SECTION II – PROPOSAL REQUIREMENTS

The following items must be included in the proposal:

Bid Spread Sheet

Completed Bid Spreadsheet for each region you wish to submit a bid. Enter bid data into rows K through L. Bid sheets must be signed by a person with legal authority to commit the firm to a contract.

Description of Service and Schedule

Each proposal must be in the format and include all the elements addressed under “Work Specifications” of this RFP. Submission Requirements include a projected schedule for each location’s on site inspection, completion date for analysis and date to receive each location’s deliverable.

Qualifications

Experience with Technical Energy Analysis

- Description of vendor’s prior experience with TEA.
- Provide a list of at least three references of prior TEA.
- Provide sample TEA reports.
- Identify personnel who will perform the analysis including prior experience and their professional qualifications.
- Indicate where the vendor’s office of primary contact will be located and staffed for this project.

Insurance

- Commercial General Liability with the following minimum coverage: \$2,000,000 General Aggregate Limit other than Products/Completed Operations \$2,000,000 Products/Completed Operations Aggregate Limit; \$1,000,000 Personal & Advertising Injury Limit \$1,000,000 Each Occurrence Limit. The Vendor must list the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees and agents as ADDITIONAL INSUREDS on the Commercial General Liability certificate. The Vendor also agrees to provide evidence that insurance policies contain a waiver of subrogation by the insurance company.
- If a motor vehicle is used to provide services or products under this Contract, the Vendor must have vehicle liability insurance on any auto including owned, hired and non-owned vehicles used in Vendor’s business for bodily injury and property damage as required by law. The Vendor must list the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees and agents as ADDITIONAL INSUREDS on the vehicle liability certificate. The Vendor also agrees to provide evidence that insurance policies contain a waiver of subrogation by the insurance company.
- Workers’ compensation coverage must be provided in accordance with applicable laws governing the employees and employers work activities in the state of the Vendor’s domicile. If the applicable coverage is provided by a self-insurer, proof must be provided of approved self-insured authority by the jurisdiction of domicile. For employees working outside of the state of qualification, Vendor must provide appropriate certificates of insurance proving mandated coverage levels for the jurisdictions where the employees’ activities occur. Any certificates of insurance received must also provide a list of states where the coverage is applicable. The Vendor also agrees to provide evidence that insurance policies contain a waiver of subrogation by the insurance company. This provision shall

not be applicable where prohibited or limited by the laws of the jurisdiction in which the work is to be performed.

- Employers liability insurance

Other

- Overall System/Vendor performance may be conducted by MDOT to evaluate the feasibility and benefit Additional information to be considered pertinent but not specifically requested in the RFP.

Project Reporting Plan

Project Reporting Plan: Provide an example of all reports that will be prepared to provide to the state. Include at a minimum the reporting elements cited previously in this RFP.

APPENDIX D – Building Energy Use Profile

Electricity	Annual Consumption kWh	Annual Cost	% of Energy Use
Lighting			
Fans & Pumps			
Domestic Hot Water			
Office Equipment			
Cooling			
Column Totals			

Fuel Type: <input type="checkbox"/> Gas <input type="checkbox"/> Oil	Annual Consumption Units: _____	Annual Cost	% of Energy Use
Heating			
Domestic Hot Water			
Column Totals			

Client:

Building:

APPENDIX E – Individual ECM Cost Estimating Worksheet

ECM Name:

Description of Item/Source of Cost Estimates	Acquisition Cost (\$)	Installation Cost (\$)	Design Cost (\$) <i>[if any]</i>	Total Cost (\$)	Estimated Disposal Cost	Estimated Life
Column Totals						

Client:

Building:

BUILDING NAME	ADDRESS	CITY	COUNTY	ZIP CODE	BUILDING SQUARE FOOTAGE	ELECTRICITY USAGE (kWh)	ELECTRICITY COST (\$)	NATURAL GAS USAGE (CCF)	NATURAL GAS COST (\$)	TECHNICAL ENERGY ANALYSIS BID PRICE	OPTIONAL INFRARED INSPECTIO NS BID PRICE	COMBINED TECHNICAL ENERGY ANALYSIS AND INFRARED INSPECTIONS BID PRICE	SELECT OPTIONAL ENERGY STAR CERTIFICATION
Rest Area	975 I-75 Freeway	Alger	Arenac	48610	3276	5638	\$584	0	\$0				N/A
MDOT Bay City Transportation Service Center*	2590 Wilder Road	Bay City	Bay	48706	7100	62535	\$6,254	1,291	\$1,356				*
Rest Area - Bay City	175 South End Rest Area	Bay City	Bay	48706	3100	121688	\$12,169	0	\$0				N/A
Rest Area - Linwood	826 I-75 Fwy	Linwood	Bay	48634	3276	123217	\$12,322	0	\$0				N/A
Clare Welcome Center	9599 US 27	Clare	Clare	48617	9170	337,270	\$33,727	8,163	\$8,571	N/A			N/A
MDOT Davison Transportation Service Center*	9459 Lapeer Rd	Davison	Genesee	48423	7296	34726	\$3,473	1,284	\$1,348				*
Rest Area - Clio	10373 I-75	Clio	Genesee	48420	3276	75794	\$7,579	8,340	\$8,757	N/A			N/A
Rest Area - Dodge Road	I-75	Clio	Genesee	48420	3276	80905	\$8,091	11,089	\$11,643				N/A
Rest Area - Fenton	13255 US-23	Fenton	Genesee	48430	3276	71897	\$7,190	0	\$0				N/A
Rest Area - Ithaca	4001 I-69	Ithaca	Gratiot	48847	3276	169445	\$16,945	0	\$0				N/A
MDOT Mount Pleasant Transportation Center	1212 Corporate Dr	Mount Pleasant	Isabella	48858	37551	211960	\$21,196	0	\$0				N/A
Rest Area - 5 Lakes	3150 I-69 E	Atitca	Lapeer	48412	1296	67320	\$6,732	0	\$0				N/A
MDOT Bay Region Transportation Service Center	55 E Morley Dr	Saginaw	Saginaw	48601	8930	169760	\$16,976	9,370	\$9,839	N/A			N/A
Bay Region Bid									Totals				

Consultant Name: _____

Consultant Address: _____

Date: _____

Authorized Signature _____

BUILDING NAME	ADDRESS	CITY	COUNTY	ZIP CODE	BUILDING SQUARE FOOTAGE (F ²)	ELECTRICITY USAGE (kWh)	ELECTRICITY COST (\$)	NATURAL GAS USAGE (CCF)	NATURAL GAS COST (\$)	TECHNICAL ENERGY ANALYSIS BID PRICE	OPTIONAL INFRARED INSPECTIONS BID PRICE	COMBINED TECHNICAL ENERGY ANALYSIS AND INFRARED INSPECTIONS BID PRICE	SELECT OPTIONAL ENERGY STAR CERTIFICATION
Rest Area - Saranac	4001 I-96	Lake Odessa	Ionia	48849	1296	119001	\$11,900	0	\$0				N/A
Rest Area - Portland	11100 I-96 Portland	Portland	Ionia	48875	3276	109690	\$10,969	0	\$0				N/A
MDOT Automotive/Equipment Garage	1400 Scribner Ave NW	Grand Rapids	Kent	49504	11310	31234	\$18,383	3.457	\$3,721				N/A
Rest Area - Walker	4300 I-96 NW	Grand Rapids	Kent	49504	2288	95871	\$9,587	0	\$0				N/A
Rest Area Rockford	9540 US 131	Rockford	Kent	49341	3276	81932	\$8,193	5.064	\$5,317				N/A
Rest Area - Big Rapids	SB US 131	Big Rapids	Mecosta	49307	1296	87520	\$8,752	0	\$0				N/A
MDOT Howard City TSC	19153 W. Howard City-Edmore Rd.	Howard City	Montcalm	49329	6909	38315	\$3,832	1,500	\$1,575				N/A
Rest Area - Morley	NB US 131	Morley	Montcalm	49336	1296	90040	\$9,004	0	\$0				N/A
MDOT Muskegon Transportation Service Center	2225 Olthoff Dr	Muskegon Heights	Muskegon	49444	7956	94396	\$9,440	1,958	\$2,056				N/A
Rest Area - Muskegon	5344 Automobile Rd	Twin Lake	Muskegon	49457	2288	74235	\$7,424	2,350	\$2,468				N/A
Rest Rothbury	US-31	Rothbury	Oceana	49452	1296	69146	\$6,915	0	\$0				N/A
Rest Area - Hart	317 N US 31	Shelby	Oceana	49455	1296	47024	\$4,702	0	\$0				N/A
Rest Area - Fruitport	12501 I-96	Nunica	Ottawa	49448	3276	93711	\$9,371	0	\$0				N/A
Rest Area - Zeeland	58301 I-96	Zeeland	Ottawa	49464	1296	123195	\$12,320	0	\$0				N/A
Grand Region Bid							Totals						

Consultant Name:	
Consultant Address:	
Date:	
Authorized Signature	

BUILDING NAME	ADDRESS	CITY	COUNTY	ZIP CODE	BUILDING SQUARE FOOTAGE (Ft ²)	ELECTRICITY USAGE (kWh)	ELECTRICITY COST (\$)	NATURAL GAS USAGE (CCF)	NATURAL GAS COST (\$)	TECHNICAL ENERGY ANALYSIS BID PRICE	OPTIONAL INFRARED INSPECTIONS BID PRICE	COMBINED TECHNICAL ENERGY ANALYSIS AND INFRARED INSPECTIONS BID PRICE	SELECT OPTIONAL ENERGY STAR CERTIFICATION
Rest Area - Carleton	11601 I-275 XWay	Carleton	Monroe	48117	1296	845	\$85	Propane					N/A
MDOT Dundee Welcome Center	I-75	Petersburg	Monroe	49270	4,439	172227	\$17,223	0	\$0				N/A
MDOT Monroe Welcome Center	I-75	Monroe	Monroe	48162	3800	238827	\$23,883	6,390	\$6,710	N/A			N/A
Rest Area - Chelsea	3701 E I-94 RA	Chelsea	Washtenaw	48118	3276	100460	\$10,048	0	\$0				N/A
MDOT Maintenance Garage - Auburn Hills	2925 Lapeer Rd	Auburn Hills	Oakland	48326	32071	195622	\$22,468	16,367	\$17,185	N/A			N/A
Rest Area - Clarkston	7475 I-75	Davisburg	Oakland	48350	3276	90280	\$9,028	0	\$0				N/A
Rest Area - Capac	15740 WB Interstate 69	Capac	Saint Claire	48014	1296	74421	\$7,442	0	\$0				N/A
Rest Area - Adair	8645 I-94 E	Richmond	Saint Claire	48062	3276	113360	\$11,336	0	\$0				N/A
MDOT Allen Park Field Office	5831 Courtland St	Allen Park	Wayne	48101	3800	73084	\$7,308	938	\$985				N/A
Rest Area - Westland	1075 I-275 N	Canton	Wayne	48187	1296	54856	\$5,486	0	\$0				N/A
Metro Region Bid								Totals					

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Rest Area - Hebron	SB I-75	Cheboygan	Cheboygan	49721	1296	47794	\$4,779	0	\$0				N/A
Rest Area - Topinabee	SB I-75	Topinabee	Cheboygan	49721	1296	60680	\$6,068	0	\$0				N/A
MDOT Mackinaw City Welcome Center	Nicolet Street	Mackinaw City	Cheboygan	49701	1,443	49923	\$5,920	4,402	\$4,281				N/A
Rest Area - Hartwick Pines	4401 N I-75	Grayling	Crawford	49738	1296	83790	\$8,379	0	\$0				N/A
Rest Area - Grayling	4985 S Grayling Rd	Grayling	Crawford	49738	3276	103069	\$10,307	13,780	\$14,469	N/A			N/A
MDOT Maintenance Garage - Kalkaska	809 N Birch St	Kalkaska	Kalkaska	49646	19812	13432	\$1,343	17,393	\$18,263	N/A			N/A
Rest Area - Ludington	510 E State St	Scottville	Mason	49431	1296	76970	\$8,823	12,879	\$12,445	N/A			N/A
MDOT Bridge/Forestry Shop - Hillman	141 N State St	Hillman	Montmorency	49746	7760	45800	\$13,722	6,385	\$8,323				N/A
Rest Area - West Branch	3420 S I-75	West Branch	Ogemaw	48661	2288	71658	\$7,166	0	\$0				N/A
MDOT Maintenance Garage - Marion	2897 16 Mile Rd	Marion	Osceola	49665	26400	110800	\$11,080	18,885	\$19,829	N/A			N/A
MDOT Maintenance Garage - Mio	1161 M-72	Mio	Osceola	48647	8564	47185	\$4,719	8,559	\$8,987				N/A
North Region Office	1088 M-32 East	Gaylord	Osceola	49735	14260	160820	\$16,082	11,624	\$12,205	N/A			N/A
Rest Area - Gaylord	4201 I-75 #RA	Gaylord	Osceola	49735	1296	102369	\$10,239	0	\$0				N/A
Rest Area - Vanderbilt	SB I-75	Vanderbilt	Osceola	49795	1296	100514	\$10,051	0	\$0				N/A
Rest Area - Houghton Lake	7076 S Deadstream RD	Houghton Lake	Roscommon	48629	1296	83939	\$8,394	0	\$0				N/A
Rest Area - Higgins Lake	8784 W Birch Rd US 27	Roscommon	Roscommon	48653	1296	73083	\$7,308	0	\$0				N/A
Rest Area - 9 Mile Road	4114 N Roscommon Rd	Roscommon	Roscommon	48653	2288	70708	\$7,071	0	\$0				N/A
Rest Area - Cadillac	NB US 131	Cadillac	Wexford	49601	2288	57949	\$5,795	9,522	\$9,998	N/A			N/A
North Region Bid									Totals				

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MDOT Maintenance Garage - Fenwille	5252 124th Ave.	Fenwille	Allegan	49408	11858	71941	\$8,082	16,281	\$14,650	N/A			N/A
Rest Area - Saugatuck	39341 I-196	Holland	Allegan	49423	1296	72382	\$7,238	0	\$0				N/A
Rest Area - Glenn	1334 I-96	South Haven	Allegan	49090	1296	65326	\$6,533	0	\$0				N/A
MDOT Coloma Transportation Service Center	3880 Red Arrow Hwy	Benton Harbor	Berrien	49022	4050	127432	\$12,743	2,382	\$2,501				N/A
MDOT New Buffalo Welcome Center	11630 Wilson Road	New Buffalo	Berrien	49117	13,000	296120	\$29,612	11,263	\$11,528	N/A			N/A
Rest Area - Coloma	I-94 Coloma	Coloma	Branch	49038	1296	80720	\$8,072	0	\$0				N/A
MDOT Coldwater Welcome Center	I-69	Coldwater	Branch	49036	8,522	255754	\$25,575	0	\$0				N/A
Coldwater Training Center	34 N. Michigan	Coldwater	Branch	49036	25322	9280	\$1,723	6,980	\$8,665				N/A
MDOT Marshall Transportation Service Center	15300 Michigan	Marshall	Calhoun	49068	6584	86560	\$8,656	1,832	\$1,924				N/A
MDOT Maintenance Garage - Marshall	1242 S. Kalamazoo Ave.	Marshall	Calhoun	49068	17600	58472	\$6,585	13,246	\$12,875				N/A
Rest Area - Battle Creek	39201 I-94	Battle Creek	Calhoun	49015	3100	121546	\$12,155	0	\$0				N/A
Rest Area - Turkeyville	17550 I-69	Marshall	Calhoun	49068	3276	104936	\$10,494	0	\$0				N/A
Rest Area - Marshall	19603 Marshall	Marshall	Calhoun	49068	3276	123205	\$12,321	0	\$0				N/A
MDOT Maintenance Garage - Jones	61535 M-40	Jones	Cass	49061	25706	10696	\$952	0	\$0				N/A
MDOT Kalamazoo TSC	5372 S. 9th St	Kalamazoo	Kalamazoo	49009	6550	101310	\$10,131	13,344	\$14,011	N/A			N/A
Rest Area - Galesburg	9561 I-94	Galesburg	Kalamazoo	49053	3276	124028	\$12,403	0	\$0				N/A
Rest Area - D-Avenue	6621 N US 131	Kalamazoo	Kalamazoo	49007	2288	64683	\$6,468	2,675	\$2,809				N/A
MDOT Maintenance Garage - South Haven	09235 Blue Star Memorial Hwy	South Haven	Van Buren	49090	22400	86784	\$8,678	13,010	\$13,661	N/A			N/A
Southwest Region Bid									Totals				

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Rest Area - Sault Saint Marie	5635 I-75	Sault Saint Marie	Chippewa	49783	4100	68005	\$6,801	0					N/A
MDOT Sault Saint Marie Welcome Center	I-75 NB	Sault Saint Marie	Chippewa	49783	4100	49723	\$4,972	0	\$0				N/A
MDOT Escanaba Transportation Service Center	1818 3rd Ave N	Escanaba	Delta	49829	5650	128560	\$12,856	8,541	\$8,968				N/A
MDOT Testing Lab - Gladstone	816 Clark Dr	Escanaba	Delta	49829	5660	48635	\$4,864	4,045	\$4,247				N/A
MDOT Ironwood Welcome Center	US 2	Ironwood	Gogebic	49938	1,300	56169	\$5,028	3,659	\$3,766				N/A
MDOT Crystal Falls Transportation Service Center	120 Tobin Alpha Rd	Crystal Falls	Iron	49920	1,100	81306	\$8,131	1,175	\$1,234				N/A
MDOT Newberry Transportation Service Center	1113 M-28	Newberry	Luce	49868	14458	56740	\$5,674	2,665	\$2,798				N/A
MDOT Service Facility - Engadine	N7045 County Ave	Engadine	Mackinac	49827	16533	83200	\$8,320	16,427	\$17,248	N/A			N/A
MDOT Service Facility - St Ignace	500 Ferry Lane	Saint Ignace	Mackinac	49781	24916	113480	\$11,348	15,089	\$15,843				N/A
Rest Area - Saint Ignace	I-75	Saint Ignace	Mackinac	49781	1296	48057	\$4,806	0	\$0				N/A
MDOT St Ignace Welcome Center	I-75	Saint Ignace	Mackinac	49781	2,300	53659	\$5,386	4,402	\$2,381				N/A
Rest Area - Nautinway	3 Miles E Nautinway on US 2	Nautinway	Mackinac	49762	1470	53421	\$5,342	0	\$0				N/A
MDOT Ishpeming Transportation Service Center	100 S Westwood Dr	Ishpeming	Marquette	49849	4292	59840	\$5,984	2,916	\$3,062				N/A
MDOT Marquette Welcome Center	US 41	Marquette	Marquette	49855	2,500	38090	\$3,809	1,963	\$2,061				N/A
MDOT Menominee Welcome Center	US 41	Menominee	Menominee	49858	1,600	14801	\$1,480	850	\$893				N/A
Superior Region Bid									Totals	\$0	\$0	\$0	\$0

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Rest Area - Dewitt	US-127	Dewitt	Clinton	48820	3276	98318	\$9,832	7,439	\$7,811				N/A
MDOT Maintenance Garage - Charlotte	905 Paine Dr	Charlotte	Eaton	48813	21360	104744	\$10,474	14,928	\$15,674				N/A
Rest Area - Pottersville	I-69	Pottersville	Eaton	48876	3276	107692	\$10,769	0	\$0				N/A
MDOT Mason Central Repair Facility	601 Jewett Road	Mason	Ingham	48854	18676	76870	\$6,823	12,879	\$12,445				N/A
MDOT Maintenance Garage Williamston	3737 E Grand River Rd	Williamston	Ingham	48895	21632	127360	\$12,736	19,411	\$20,382	N/A			N/A
Rest Area - Lansing	2772 US-127	Mason	Ingham	48854	1156	76870	\$7,697	0	\$0				N/A
MDOT Jackson Transportation Service Center	2750 N Elm	Jackson	Jackson	49201	4884	36873	\$3,687	973	\$1,022				N/A
MDOT Jackson M&T Lab	2800 N Elm Rd.	Jackson	Jackson	49201	6087	111597	\$11,160	1,1043	\$11,595	N/A			N/A
MDOT University Region Office	4701 W. Michigan Ave.	Jackson	Jackson	49201	14198	119044	\$11,904	8,677	\$9,111	N/A			N/A
MDOT Bridge/Forestry/Sign Shop	800 Chantler Rd	Jackson	Jackson	49201	6000	142974	\$14,297	15,205	\$15,965	N/A			N/A
Rest Area - Grass Lake	10750 I-94	Grass Lake	Jackson	49240	3276	33535	\$3,354	2,655	\$2,788				N/A
Rest Area - Sandstone	5501 I-94	Parma	Jackson	49269	3276	52741	\$5,274	0	\$0				N/A
Rest Area - Jackson	9150 N US-127	Rives Jct	Jackson	49277	2288	53770	\$5,377	0	\$0				N/A
MDOT Maintenance Garage	2451 N Adrian Hwy	Adrian	Lenawee	49221	22290	97461	\$9,746	12,143	\$12,750				N/A
Tecumseh Construction Office	740 Mill Hwy	Tecumseh	Lenawee	49826	3520	49286	\$4,929	1,586	\$1,665				N/A
MDOT Maintenance Garage - Brighton	10102 E. Grand River Ave	Brighton	Livingston	48816	34734	144146	\$15,563	25,194	\$22,904	N/A			N/A
Rest Area - Howell	2155 I-96	Howell	Livingston	48843	3276	136676	\$13,668	0	\$0				N/A
Rest Area - Woodbury Rd	I-69	Shaftsburg	Shiawassee	48882	3276	76387	\$7,639	6,017	\$6,318				N/A
University Region Bid									Totals				\$0

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