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# REQUEST FOR QUALIFICATIONS

## US-131 NB & SB over 3 Mile Road, Superstructure Replacements & Resurfacing of US-131 *Construction Manager / General Contractor (CMGC)*

CS 54043; JN 118289

ISSUE DATE: February 28, 2013

STATEMENT OF QUALIFICATIONS DUE DATE: March 28, 2013



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## 1.0 INTRODUCTION

The Michigan Department of Transportation (MDOT), Grand Region, is accepting Statements of Qualifications (SOQ's) from entities (Submitters) interested in providing Construction Manager / General Contractor (CMGC) services for superstructure replacements on both US-131 NB and SB over 3 Mile Road in Mecosta County. The project will include building the new superstructures adjacent to the existing structures, removing the existing superstructures, widening the existing substructure units and approach work. The goal is to minimize the time that US-131 traffic is disrupted therefore; bridge slide in and or slide out technology is anticipated to be used. The Project will be funded with state and federal-aid dollars, thereby requiring the Submitter to adhere to all pertinent federal, state, and local requirements.

MDOT staff is in the process of preparing design plans and will hire a consultant to help develop the details needed to perform the bridge slide. MDOT will procure a separate independent cost estimator (ICE), with whom the CMGC will collaborate throughout the design phase of the Project. This includes reviewing in-process design plans, providing input and/or alternative design concepts, means and methods, materials and innovations. The CMGC will be responsible to provide constructability reviews, proposed construction staging (and/or review of currently proposed construction staging), input on how to perform the bridge slide, maintenance of traffic options, methods to expedite construction, input with MDOT's public involvement process, cost estimates and construction related review/input during the design phase.

As the design nears completion, (approximately 80% final plans) the selected CMGC will prepare a construction services cost proposal (i.e. a Guaranteed Maximum Price (GMP) proposal plus possible contingency items and items that may be paid based on an agreed upon unit price and actual quantities). Subject to a successful negotiation with MDOT, the CMGC will be awarded the construction portion of the project, responsible to complete the construction while directly performing at least 40 percent of the work. The other 60 percent, or less, work may be completed by subcontractors. If an acceptable Construction Service Cost Proposal cannot be reached, the project will be advertised following MDOT's normal competitive bidding process. By submitting a Statement of Qualifications (SOQ) and pre-construction services cost proposal, Submitters agree to be bound by the requirements outlined in this Request for Qualifications (RFQ) and be held to any commitments made in a submitted SOQ and shall satisfy all requirements specified. Failure of the Submitter to meet these requirements may result in rejection of the SOQ.

## 2.0 BACKGROUND

The existing NB and SB US-131 at 3 Mile road structures are 1 span side by side box beam structures. The proposed work is a superstructure replacement for each bridge. MDOT is proposing to build new superstructures adjacent to the existing bridges, widen the existing substructure units and slide the new superstructures into place once the existing superstructures have been removed. Moving the existing structures out of the way using bridge slides will also be considered. The goal is to minimize the disruption on traffic to US-131.

The purpose of utilizing this innovative delivery method is to benefit the public and project by

minimizing traffic impacts through the use of bridge sliding construction methods, providing an expedited construction schedule, improvements to the design plans, improved utility coordination process, and improve the owner/contractor interaction and outreach to the public during the project's development. It is beneficial to have the CMGC contractor engaged during the design of the project, to review the in-process design plans, discuss means and methods, constructability and feasibility of all the work planned.

## 2.1 PROJECT MANAGER

Gerard Feuerstein  
Design Division  
Van Wagoner Building  
425 W. Ottawa St.  
Lansing, MI 48909  
Phone: (517) 373-0735  
E-Mail: Feuerstein@michigan.gov

All questions must be e-mailed to the Project Manager.

**\* MDOT will provide copies of the existing as-built plans upon request. Please contact the above Project Manager to receive an electronic file of the documents.**

## 2.2 PROJECT TEAM

The Project Team, as referenced herein, is composed of MDOT, the independent cost estimator, the CMGC, and any additional Project stakeholders. The Contractor (CMGC) must meet the following prequalification categories:

- 1700 Fa

## 2.3 PROJECT GOALS

- Replace the existing superstructures using bridge slides.
- Minimize disruption to US-131 traffic for both road and bridge construction. Remove the existing superstructures and slide the new superstructures in place without detouring weekend traffic.
- Complete construction in 2014. It is anticipated that the bridge slides will occur before July 2014.

## 2.4 ANTICIPATED PROJECT SCHEDULE (Subject to Change)

Post RFQ	February 28, 2013
SOQ Due	Mar. 28, 2013 4:00 PM EST
Anticipated Notification of Selection of CMGC	April 15, 2013
Pre-Construction Services Price Proposal Meeting	April 22, 2013
Pre-Construction Services Fee Negotiation	May 1-6, 2013
Notice to Proceed/Award of Preconstruction Phase	May 15, 2013
Development of Plans and Specifications	Current – Sept. 2013
Negotiate Final Price (GMP, Contingency, etc.)	Sept. 2013
Construction Letting (if no final price agreement)	Jan 10, 2014
Construction	Jan. 2014 – Nov. 2014

Anyone wishing to perform construction work on MDOT projects must be prequalified. All applications for contractors to become prequalified will be due by **March 4, 2013**.

Information and forms to become construction prequalified are located at:  
[http://www.michigan.gov/mdot/0,4616,7-151-9625\\_21539\\_21545---,00.html](http://www.michigan.gov/mdot/0,4616,7-151-9625_21539_21545---,00.html).

## 2.5 PROJECT INFORMATION

Control Section: 54013

Job Number: 118289

The scope of work includes removing the existing bridge superstructures at 3 mile road, building new bridge superstructures adjacent to the existing structure, and sliding the new superstructures into the final alignment and approach work.

The design phase of the project will start soon. MDOT would like the technical feasibility and constructability of the project's design reviewed by an experienced contractor team familiar with bridge sliding operations or similar type of construction methods.

## 3.0 PROJECT SCOPE OF WORK

The CMGC is being selected early in the project to join the Project Team. The CMGC will not be expected to be the designer of record for the project, but is be expected to provide the Project Team with construction expertise and technical experience to assist in project decision-making and ensure the technical challenges are addressed, and provide input on items affecting construction costs, schedule, and market conditions. MDOT will be hiring a consultant to help with the design and details for the bridge slide. MDOT's goal is to learn from this project and develop details and methods so that bridge slides can be used on future projects.

### 3.1 PHASE 1 – PRE-CONSTRUCTION SERVICES

The CMGC shall consult with the Project Team during the design phase in order to develop, implement, and maintain a spirit of cooperation and open communication among the parties so that

the goals and objectives of each are clearly understood, potential problems are resolved promptly, and upon completion, the Project is deemed a success by all. The Pre-Construction Services Fee is described in Section 7.0. The CMGC shall deliver pre-construction services by performing the following:

- Provide input on the bridge slide design and details developed by MDOT's design consultant. MDOT is looking for the CMGC's input on jacking procedures and methods for supporting the structure during the slide. The CMGC may include a design consultant on their team but the hours for the contractor's design consultant should be limited.
- Review in-progress design plans and specifications and identify potential construction issues and risks for each to assist the Project Team in selecting the appropriate design for the Project.
- Analyze and evaluate the constructability of the proposed design.
- Provide information alternative options to help facilitate decisions regarding existing conditions, construction impacts, and staging.
- Provide input to the Project Team regarding current construction industry practices, labor market, and material and equipment availability.
- May use subcontractors to supplement pre-construction services to provide the necessary expertise.
- Review in-progress design plans and provide input and/or alternate design concepts and offer suggestions with respect to the means and methods, materials, innovations, and construction sequencing.
- Review design documents in-progress and offer suggestions to improve completeness or clarity.
- Notify the MDOT Project Manager, in writing, of all problems, conflicts, and/or deficiencies identified during the review and evaluation of design drawings.
- Assist the MDOT Project Manager and design team in resolving problems, conflicts, and/or deficiencies identified during the review and evaluation of design drawings.
- Provide construction estimates when the plans are 30 percent complete, 60 percent complete and at the final cost negotiation stage.
- Provide recommendations to the plans or construction documents to ensure completion of the Project in the most efficient manner possible.
- Provide a final review and evaluation of the final plans and construction documents.
- The CMGC should expect to attend at least 8 pre-construction coordination meetings with

the Project Team. The expected meetings are as follows:

- Project Kickoff meeting
  - Preliminary Plan Review Meeting
  - Pre-Final Plan Review Meeting
  - Final Plan Review meeting
  - Approximately 3 design review meetings. The design review meetings may be conducted by phone.
  - Final Price Negotiation Meetings
- Work with MDOT to develop a communication plan within 7 days after the authorization to proceed with pre-construction services. The communication plan should clearly demonstrate how the CMGC and MDOT will work to convey information and establish a clear line of communication. The plan should also demonstrate how the CMGC and MDOT plan to include all parties with interest in the project, including, but not limited to Public and Private Utilities, Businesses and the Public. The plan will serve as the baseline for communication and be followed for both the pre-construction services and services during construction

### 3.2 PHASE 2 – CONSTRUCTION SERVICES COST PROPOSAL

The CMGC shall submit a Construction Services Cost Proposal when the plans and construction documents are completed to a level sufficient enough to do so. The Construction Services Cost Proposal can include 3 possible payment methods. The GMP contains all items that will be paid based on an agreed upon unit price. The quantity of the work items included in the GMP may increase or decrease as the project is built, however, there will not be a change in price to the GMP unless there is a scope change that significantly changes the scope of work. Adjustable work may be paid on an agreed upon price outside of the GMP. This work shall be used to mitigate significant risks. Contingency items are used to compensate the contractor for items that cannot accurately be quantified during the design phase. The GMP will not be exceeded without written approval from the MDOT Project Manager, and only by a written work order. When the GMP is negotiated, adjustable and contingency items may be identified that will be paid for outside of the GMP. The CMGC is expected to solicit at least 3 bids on work that will be subcontracted. If the MDOT Project Manager and the CMGC cannot agree on a Construction Services Cost Proposal, MDOT reserves the right to terminate the CMGC services without penalty or payment, except payment for Pre-Construction Services, and to precede with traditional delivery methods. The CMGC should expect several rounds of negotiations to arrive at an agreed upon Construction Services Cost Proposal. If a Construction Services Cost Proposal cannot be agreed upon, MDOT reserves the right to let the Project using traditional Design-Bid-Build or other non-traditional methods. Any information provided by the CMGC during the Pre-Construction phase will be used to develop the plans and specifications for the letting. The Construction Service Cost Proposal shall include:

- Guaranteed Maximum Price (GMP) proposal, including all overhead and profit considered

within specified pay items; as well as any subcontracted work. Description of all other inclusions to, or exclusions from, the GMP, including all assumptions and clarifications

- Lump Sum item costs (i.e.: mobilization, minor traffic devices, etc.) shall be detailed and include breakouts of what the costs include. These breakouts shall detail the costs for the prime and sub-contractors (i.e.: personnel established, expenses, bonding amounts, etc.)
- Adjustable work that may be paid based on an agreed upon unit price and actual quantities.
- Possible contingency items.
- Construction schedule showing the proposed start and finished dates and any significant milestones.
- Contractor Quality Control Plan.
- Clarification of understanding of the EPA/DNR requirements including adherence to the soil erosion and sedimentation control plan requirements.
- Disadvantaged Business Enterprise (DBE) participation description, if participation is required and Staffing Plan during Construction.
- Written guarantee from the CMGC that the total construction cost shall not exceed the GMP. All costs or expenses in excess of the GMP shall be borne by the CMGC, unless adjusted by a previously approved written work order.

The CMGC is to make available all cost and budget estimates, including bid documents and bidding software files to MDOT.

### 3.3 PHASE 3 – CONSTRUCTION SERVICES

The CMGC shall, once the Construction Service Cost Proposal is approved:

- Construct, bid any remaining sub-contractor work, and manage all construction related contracts while meeting the DBE, if required, and other requirements.
- Execute the Quality Control Plan.
- Bond and insure the construction
- Address and adhere to all federal, state, and local permitting and environmental requirements.
- Maintain a safe clean and well organized work zone work site.
- Perform at least 40 percent of all construction work, excluding any identified specialty

items.

- Substantially complete the construction no later than November 15, 2014.
- In the event that the contract is terminated after the award of the construction phase to the CMGC, the termination procedures in the MDOT 2012 Standard Specifications for Construction shall be followed.

## 4.0 TEAMING PARAMETERS

### 4.1 ORGANIZATIONAL CONFLICTS OF INTEREST

Organizational conflict of interest means that because of other activities or relationships with other persons or entities, an Organization:

- Is unable, or potentially unable, to render impartial assistance or advice to MDOT
- Is, or might be otherwise be, impaired in its objectivity in performing the contract work
- Has an unfair competitive advantage

Disclosure, evaluation, neutralization, and management of these conflicts and the appearance of conflicts, is in the interest of the public, MDOT, and the consultant and construction communities.

Submitters are required to disclose all relevant facts concerning any past, present, or currently planned interests, activities, or relationships which may present an organizational conflict of interest. Submitters shall state how their interest, activities, or relationships, or those of the chief executives, directors, key project personnel, or proposed Consultants may result, or could be viewed as, an organizational conflict of interest. Submit Conflict of Interest Statement (Page 2 of MDOT form 5100D) with the SOQ. It is recommended to contact the MDOT Project Manager immediately if a conflict of interest is found, or appears to be present, so a course of action can be determined with minimal impact to a Submitter.

If an Organizational Conflict of Interest is determined to exist, MDOT may, at its sole discretion: offer the Submitter the opportunity to avoid or neutralize the Organizational Conflict of Interest; disqualify the Submitter from participation; or, if award has already occurred, declare the Submitter nonresponsive and award the contract to the next highest scoring Submitter, or cancel the contract. If the Submitter was aware of an Organizational Conflict of Interest prior to award of a contract and did not disclose the conflict, MDOT may terminate the contract for default.

### 4.2 TEAM CONTINUITY AND CHANGES TO ORGANIZATION STRUCTURE

After submittal of a SOQ, Key Personnel may not be removed, replaced, or added without the written approval of the MDOT Project Manager. It is expected that Key Personnel presented in the SOQ will be available for the duration of the project. Any changes to Key Personnel will require approval from the MDOT Project Manager and may result in termination of the contract.

To qualify for approval, the written request shall document that the proposed removal and replacement, or addition will be equal to or better qualified than the Key Personnel provided in the SOQ.

#### 4.3 EQUAL EMPLOYMENT OPPORTUNITY

The Submitter will be required to follow both the State of Michigan and Federal Equal Employment Opportunity (EEO) policies.

#### 4.4 DISADVANTAGED BUSINESS ENTERPRISES

It is the policy of MDOT that Disadvantaged Business Enterprises (DBE), as defined in 49 CFR Part 26, and other small businesses shall have the maximum feasible opportunity to participate in contracts financed in whole or in part with public funds. Consistent with this policy, MDOT will not allow any person or business to be excluded from participation in, denied the benefits of, or otherwise be discriminated against in connection with the award and performance of any U.S. Department of Transportation (DOT) assisted contract because of sex, race, religion, or national origin.

MDOT has established a DBE program in accordance with regulations of the DOT, 49 CFP Part 26. It is the Submitter's responsibility to take all necessary and reasonable steps in accordance with 49 CFR Part 26 to ensure that DBEs have the maximum possible opportunity to compete for and perform the contract. DBE requirements do not apply to Pre-Construction Services. Use of a DBE during Pre-Construction services does not apply towards required DBE Percentage.

Required DBE Percentage: To be determined during the project's pre-construction phase.

### 5.0 STATEMENT OF QUALIFICATION REQUIREMENTS

#### 5.1 ACCEPTANCE OF EVALUATION PROCESS

A submission of a SOQ in response to this RFQ indicates the Submitter's acceptance of the evaluation process as detailed in Section 7.0 and the recognition that subjective judgments must be made by the Selection Committee during the evaluation process and in its final selection.

#### 5.2 CLARIFICATIONS AND INTERPRETATIONS

##### 5.2.1 Answers To Questions

Submitters are required to direct all contact and questions regarding this RFQ to the Project Manager listed in Section 2.1. All requests must be submitted by e-mail only, no later than five (5) business days prior to the Statement of Qualification Due Date. Responses will be publicly posted on the Project Web Site located at [www.michigan.gov/designbuild](http://www.michigan.gov/designbuild).

##### 5.2.2 Clarifications Or Interpretations

Any clarifications or interpretations of this RFQ that affect or change its requirements will be issued

by MDOT to the Project Web Site in the form of addenda, response to questions, or meeting notes. Interpretations or clarifications in any other form, including oral statements, will not be binding on MDOT and should not be relied upon in preparing the SOQ.

### 5.2.3 Addenda

All addenda issued by MDOT before the Statement of Qualification Due Date, are part of the RFQ, and all requirements shall be incorporating into the SOQ. The Submitter shall acknowledge receipt of each addendum by completing and submitting form CMGC-003.

## 5.3 OBLIGATION OF PARTIES

The Submitter is solely responsible for ensuring that its SOQ is clear, correct, and consistent. MDOT reserves the right, at its sole discretion (but is not obligated), to:

- Investigate the qualifications of any Submitter.
- Seek or obtain data from any source related to the SOQ.
- Require confirmation of information furnished by a Submitter.
- Require additional information from a Submitter concerning its SOQ.
- Seek and receive clarifications to a SOQ.
- Require additional evidence of qualifications to perform the work.
- Modify the RFQ process.
- Waive minor deficiencies and irregularities in a SOQ.
- Reject any or all SOQ's.
- Cancel, modify, or withdraw the RFQ.
- Issue a new RFQ.

By submitting a SOQ, the Submitter understands and acknowledges the following:

### 5.3.1 Assumed Requirements

The SOQ presented is based on assumed requirements of the proposed Project; and, that MDOT has made no written or oral representations that any such assumed requirements are accurate should a contract arise from the presented SOQ. Submitter is required to qualify all assumptions it makes.

### 5.3.2 Cost Of Submission

All costs incurred by the Submitter as a result of the Submitter's efforts to participate in this

selection process shall be at the sole risk and obligation of the Submitter.

### 5.3.3 Reimbursement

MDOT will not provide compensation to the Submitter for any expenses incurred for the SOQ preparation.

### 5.3.4 Award Of Contract

MDOT makes no guarantee that an award will be made as a result of this RFQ, and reserves the right to accept or reject any or all SOQ's, waive any formalities or minor technical inconsistencies, or delete any item/requirements from this RFQ or resulting contract when deemed to be in the Project's best interest. Representations made within the SOQ will be binding on responding firms.

## 5.4 COMPLETENESS OF SOQ

### 5.4.1 Completeness

Each SOQ should be prepared simply and economically, providing a straightforward, concise description of the firm's ability to meet the requirements of the RFQ. Emphasis should be on completeness, clarity of content, responsiveness to requirements, and an understanding of the Project needs.

### 5.4.2 Compliance

Failure to comply with the requirements contained in the RFQ may be subject for rejection of the SOQ.

### 5.4.3 Rejection

Any SOQ that fails to meet the deadline or delivery requirements will be rejected and returned to the Submitter without having been opened, considered, or evaluated.

## 5.5 WITHDRAWAL OR MODIFICATION

A SOQ may be withdrawn and resubmitted any time prior to the deadline for submitting the Statement of Qualification. No SOQ may be changed, amended, or modified after the deadline for submitting the SOQ. No SOQ may be withdrawn after the deadline for submitting the SOQ without a written request by the Submitter stating the reasons for withdrawing the SOQ and acceptance of the request by MDOT. All decisions are at the sole discretion of MDOT.

## 5.6 OWNERSHIP OF SOQ's

SOQ's and any other information submitted by the Submitter's shall become the property of MDOT. MDOT will not use unique innovations or methods contained in the SOQ's of Submitters that are not selected for this project. However, MDOT does reserve the right to use any proposed innovation or method on future projects. All or any part of the proposed Contractor's innovation or

method may use or disclose on future projects without obligation or compensation to the Contractor.

## 5.7 VALIDITY PERIOD

SOQ's are to be valid for MDOT's acceptance for a minimum of 49 days after the Statement of Qualification Due Date to allow time for evaluation and selection. A SOQ, if accepted, shall remain valid for the duration of the Contract.

## 5.8 SOQ SUBMITTAL INSTRUCTIONS AND FORMAT

This section describes requirements that all Submitters must satisfy in SOQ. Failure to comply with any of the following by a Submitter may result in the rejection of the SOQ.

### 5.8.1 Due Date, Time, And Location

SOQ's may be delivered via email to the MDOT Project Manager or delivered to the following person and location. SOQ's are due by 4:00 P.M. EST, on the date identified as the Statement of Qualifications Due Date located on the Cover Sheet:

Gerard Feuerstein  
Van Wagoner Building  
Design Division  
425 W. Ottawa St.  
Lansing, MI 48909  
Phone: (517) 373-0735  
E-Mail: FeuersteinG@michigan.gov

MDOT will not accept SOQ's submitted by facsimile.

### 5.8.2 SOQ Format

- **Language:** All information shall be in English.
- **Font:** All narrative text shall be a minimum of twelve (12) points in size and single spaced. The style and size of headings and figures are not prescribed.
- **Page Size:** With the exception of charts, exhibits, and other illustrative material, all information shall be printed on 8.5-inch x 11-inch paper. Charts, exhibits, and other illustrative material may be printed on 11-inch x 17-inch paper, but shall be folded to 8.5-inch x 11-inch and will be counted as one (1) sheet.
- **Page Margins:** Page margins shall be set at 0.75 inches minimum, not including headers or footers.
- **Table of Contents:** Include a Table of Contents that provides page number references.
- **Page Limit:** SOQ's shall not exceed 14 pages in length. Table of contents staff resumes

and required forms are not included in page limits.

- **Dividers:** Section dividers in bound copies, for the ease of finding information in the SOQ, are welcomed.
- **Binding:** Each copy of the SOQ shall be bound separately, with the exception of the "Original" which shall remain unbound.
- **Front Cover:** The front cover of each SOQ shall be clearly labeled with the Project name, along with the Submitter's name.

### 5.8.3 SOQ Submittal Quantities

If the SOQ is delivered in person, each Submitter must provide MDOT with the following:

- **One (1) Original unbound SOQ** – bearing original signatures
- **One (1) Electronic copy of SOQ in PDF format on CD or Flash Drive**

The original shall be identified as "Original" on its front cover. The unbound original and CD/flash drive, shall be placed in one (1) sealed packaged for delivery to MDOT as set forth in Section 5.8.1. The outside of the sealed package shall be clearly labeled with the Project name, as well as the name and return address of the Submitter.

If the SOQ is delivered via email, each Submitter must provide MDOT with the following:

- **One (1) Electronic copy of SOQ in PDF format on CD or Flash Drive**

The subject line of the email must state "(Contractor Name) SOQ: US-131 at 3 Mile Rd". Emails received after the time and date specified above will not be accepted.

## 6.0 STATEMENT OF QUALIFICATIONS CONTENT

### 6.1 QUALITATIVE CRITERIA

Section 8.2 contains the qualitative scoring criteria that will be used to score SOQ's. Submitters should clearly describe how they meet they meet the needs of the department and criteria described in this section.

### 6.2 FAILURE TO COMPLETE OR DEFAULT

If your organization has defaulted or failed to complete a project in the last five (5) years, please list each project this applies to and the reasons why for each.

### 6.3 PRE-CONSTRUCTION SERVICES

Submitters should describe their ability to provide pre-construction services and the advantages

offered to MDOT and the Project from these services. Submitter should describe their ability to coordinate with MDOT to improve constructability and provide input on bridge slide construction methods based on their team's expertise and experience. The submitter should also detail their approach for this coordination.

## 6.4 CONSTRUCTION SERVICES

Submitters should describe their ability to perform the anticipated construction services for the Project along with their Quality Assurance / Quality Control Plan. Describe what work is intended to be self-performed and what items will be bid to prequalified sub-contractors.

## 6.5 ORGANIZATION & PROJECT PERSONNEL QUALIFICATIONS

### 6.5.1 Key Staff

Name the key personnel and describe their role in the Project, experience on similar projects, and experience on other CMGC projects.

### 6.5.2 Organization Chart

Provide an organizational chart for the Project with names of key individuals each for the following:

- Pre-Construction Services (Prime and Subcontractors, if any)
- Construction Services (Prime and any known subcontractors. If Subcontractors are not known or identified, please describe the approach used to select Subcontractors)

### 6.5.3 RESUMES

Provide resumes for key personnel of the prime and any subcontractors shown on the organization charts as detailed in Section 6.5.2.

## 6.6 BONDING COMPANY LETTER

Provide a letter from your bonding company that indicates your firm's ability to bond a project of this size.

## 7.0 PRE-CONSTRUCTION SERVICES FEE

In accordance to 23 CFR Section 172 and 49 CFR Part 18, compensation for the Pre-Construction work shall be on a monthly basis, paid during the pre-construction services.

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 CMGC for services rendered shall not exceed the maximum lump sum amount unless an increase is approved in accordance with the contract with the CMGC. Typically, billings must be submitted within 60 days after the completion of services. The final billing must be received within 60 days of the completion of services.

The selected Submitter will be notified after the SOQ(s) have been reviewed and scored. The selected Submitter will be required to attend a scope verification meeting at a location determined by the MDOT PM and then submit a Pre-Construction Services Fee. This lump sum price should include all direct costs, overhead and profit required to complete the scope of work outlined in Section 3.1. The Submitter should include a work plan, a description of their intended level of effort and equivalent cost per hour to review and assist in the development of plans and specifications during the preconstruction phase. MDOT will require verification of the costs from the selected Submitter prior to executing a contract. If a Submitter does not have audited overhead rates, an additive of 35% will be used to cover overhead and profit in accordance with section 109.05.D.3 of MDOT 2012 Standard Specifications for Construction.

MDOT reserves the right to negotiate the cost of the Pre-Construction Services Fee. If MDOT and the selected CMGC cannot agree on a price, hours of effort or number of employees providing these pre-construction services, MDOT will begin negotiations with the next highest ranking Submitter from the SOQ scoring process.

MDOT may terminate the contract with the CMGC if pre-construction services and coordination are not provided as negotiated and/or expected, or for convenience. A written 15 day notice will be sent to the CMGC before the services are completed. If the contract is terminated for any reason during the pre-construction phase, MDOT will determine if partial compensation for services rendered shall be paid to the CMGC.

## 8.0 EVALUATION PROCESS

SOQ's will initially be evaluated to determine if the Submitter has met the minimum requirements ("Pass") on all Pass / Fail evaluation factors. Pass / Fail evaluation factors are outline in Section 8.1. SOQ's will then be scored using the evaluation criteria. If a Submitter receives a "Fail" on any single Pass / Fail requirement, the SOQ will be rated as unacceptable and will not be scored on the evaluation criteria.

Once a SOQ has been determined to meet the minimum Pass / Fail criteria, MDOT will evaluate the SOQ relative to the MDOT Project Goals as described in Section 2.3 and scoring criteria as listed herein to determine the SOQ total score.

The qualitative evaluation score will be determined as follows:

- The MDOT Selection Committee will review each SOQ identifying significant and minor strengths and weaknesses of the Submitter.
- Strengths and weaknesses are defined as follows:

- Strengths – That part of the SOQ which ultimately represents a benefit to the Project and is expected to increase the Submitter’s ability to meet or exceed the Project Goals. A minor strength has a slight positive influence on the Submitter’s ability to meet or exceed the Project Goals, while a significant strength has a considerable positive influence on the Submitter’s ability to meet or exceed the Project Goals.
- Weaknesses – That part of the SOQ which detracts from the Submitter’s ability to meet the Project Goals or may result in an inefficient or ineffective performance. A minor weakness has a slight negative influence on the Submitter’s ability to meet the Project Goals, while a significant weakness has a considerable negative influence on the Submitter’s ability to meet the Project Goals.

Based on the identified strengths and weaknesses, the Selection Committee will select an objective rating and select a percent of maximum score in the identified range.

The following rating system will be used in determining the value for each Scoring Element of the SOQ:

- **Excellent (81-100 % of points possible):** The SOQ is considered to significantly exceed the RFQ requirements / objectives in a beneficial way (providing advantages, benefits, or added value to the project) and provides a consistently outstanding level of competency. In order for the SOQ to meet the minimum criteria to be scored as Excellent, it must be determined to have more than one significant strength, additional minor strengths and no appreciable weaknesses. There is a high expectation that the team as proposed, would be successful in delivering the Project to the owner’s satisfaction, and would most likely exceed all Project Goals.
- **Very Good (61-80 % of points possible):** The SOQ is considered to exceed the RFQ requirements / objectives in a beneficial way (providing advantages, benefits, or added value to the project) and offers a generally better than acceptable competency. In order for the SOQ to meet the minimum criteria for consideration to be scored as Very Good, it must be determined to have at least one significant strength, additional minor strengths and no significant weaknesses. The greater the significance of the strengths and/or the number of strengths, and the fewer the minor weakness will result in a higher score. It is expected that the team as proposed, would be successful in delivering the Project to the owner’s satisfaction, and will most likely meet and/or exceed all Project Goals.
- **Good (41-60 % of points possible):** The SOQ is considered to meet the RFQ requirements / objectives and offers an acceptable level of competency. In order for the SOQ to meet the minimum criteria for consideration to be scored as Good, it must be determined to have several strength(s), even though minor and/or significant weaknesses exist. The greater the significance of the strengths and/or the number of strengths, and the fewer the minor or significant weakness will result in a higher score. It is expected that the team as proposed, will be able to deliver the Project and meet the Project Goals.
- **Fair (21-40 % of points possible):** The SOQ is considered to contain several minor

and/or significant weaknesses, some minor strengths and no significant strengths. The greater the strengths and fewer the minor or significant weakness will result in a higher score. It is expected that the team as proposed, should be able to deliver the Project but may not be able to meet some of the Project Goals.

- **Poor (0-20 % of points possible):** The SOQ is considered to contain significant weaknesses and no appreciable strengths. The SOQ demonstrates a low probability of meeting the RFQ requirements and may be determined to be non responsive. The fewer the minor or significant weakness will result in a higher score. It is unlikely that the team as proposed would be able to deliver the Project to the owner's satisfaction.

A score will be calculated for each Qualitative Evaluation Criteria by multiplying the percentage of maximum score by the points available.

MDOT reserves the right to conduct an independent investigation of any information, including prior experience, identified in the SOQ by contacting project references, assessing public information, contacting independent parties or other means. MDOT further reserves the right to request additional information from a Submitter during the evaluation of the SOQ.

The Submitter selected to be the CMGC will be the firm whose verified experience and qualifications, as presented in response to this RFQ and reference checks, in the opinion of MDOT, as offering the most experience, expertise, and value to MDOT and the Project. The Selection Committee will review and evaluate the SOQ's throughout the selection process on the following general criteria. It should be noted that this is not a complete list, and should not be considered a "checklist", but rather a reference.

### 8.1 PASS / FAIL EVALUATION CRITERIA

- CMGC-001 Submitter Information
- CMGC-002 Statement of Qualifications Checklist
- CMGC-003 Addenda Acknowledgment
- Bonding Company Letter
- Conflict of Interest Form (Page 2 of MDOT form 5100D)

### 8.2 QUALITATIVE EVALUATION CRITERIA

#### 8.2.1 UNDERSTANDING OF SERVICE (15 POINTS)

The Submitter shall provide an Executive Summary that includes their understanding of the project and its goals, how those goals will be met through the CMGC process, and a brief narrative describing why they are the "best qualified" to perform the services outlined in this RFQ. The Submitter shall also demonstrate their understanding on slide-in construction methods and how they plan to implement these. The Submitter shall also include sufficient information to familiarize reviewers with their project approach and their ability to satisfy the technical and construction

requirements, development of cost estimates including the GMP, and address the public's concerns related to schedule and access. As part of the Understanding of Service, the Submitter should provide a preliminary communications plan outlining their understanding of how communications between the CMGC and MDOT will occur.

### **8.2.2 EXPERIENCE / PAST PERFORMANCE (20 POINTS)**

The Submitter shall provide the firms past experience on projects with similar scope and complexity. The Submitter should demonstrate how they completed the projects with success in the areas of schedule, safety, quality, cost and maintenance of traffic, including their role in the success of the projects. A focus on the slide-in methods and past experience with these shall be incorporated into this section.

### **8.2.3 WORK ZONE SAFETY (15 POINTS)**

The Submitter shall discuss and describe how work zones accidents can be minimized or mitigated. The Submitter should also provide information related to potential areas for contractor staging areas/yards and the access to and from the project.

### **8.2.4 SCHEDULE MANAGEMENT (15 POINTS)**

The Submitter shall provide information that will demonstrate how they could reduce and/or improve the overall construction schedule. MDOT's desire is to expedite the construction schedule while minimizing impacts to the traveling public while completing the work in an effective manner. Scoring will be greatest to those Submitters who provide a clear understanding and provide information on how they expect to meet these goals and demonstrate how their input during the design will be beneficial to MDOT's schedule goals.

### **8.2.5 QUALIFICATIONS OF KEY STAFF (20 POINTS)**

The Submitter shall list the team's key staff members and their qualifications, roles and responsibilities with projects of similar scope, schedule and complexity. The Submitters should clearly identify the roles of key staff during all phases of the project. The Submitter should demonstrate how communication will occur with internally staff, subcontractors, MDOT, MDOT's consultants, as well as their anticipated communication and involvement with the public.

### **8.2.6 INNOVATIONS (15 POINTS)**

The Submitter shall list any potential innovations and innovative approaches to completing the project. At a minimum, innovations should specifically address how the Submitter expects to provide input into the design to improve the project and what can be done to expedite the schedule and limit impacts to traffic.

## **8.3 QUALITATIVE SCORE & SELECTION**

Selection will be based on the Submitter with the highest total combined score (100 possible points) if MDOT does not require an interview.

**8.4 INTERVIEWS (50 points)**

An interview may be required if the scoring of the proposals is inadequate to clearly identify the most qualified Submitter. The interview will allow the Submitter the opportunity to present on the qualifications of their team, project approach or on other areas they feel will add value. MDOT will have the opportunity to ask each Submitter general questions or questions that are specific to their proposal.

Interviews will be at the sole discretion of MDOT. If interviews are required, MDOT will notify all firms to set up an interview. MDOT may provide firms questions to be addressed at the interview. Interviews are not expected to exceed 60 minutes.

**8.5 FINAL SCORE AND SELECTION**

If an interview is conducted the selection will be based on the Submitter with the highest combined total score (150 possible points).

REQUEST FOR QUALIFICATIONS

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1 CMGC-001 SUBMITTER INFORMATION

Project: \_\_\_\_\_

Name of Submitter: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Contract Person: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ E-Mail: \_\_\_\_\_

2 CMGC-002 STATEMENT OF QUALIFICATIONS CHECKLIST

Project: \_\_\_\_\_

Name of Submitter: \_\_\_\_\_

- CMGC-001 – Submitter Information\*\*
- CMGC-002– Statement of Qualifications Checklist\*\*
- CMGC-003 – Addenda Acknowledgment\*\*
- Qualitative Scoring Criteria
- Failure to Complete or Default
- Pre-Construction Services
- Construction Services
- Organization & Project Personnel Qualifications
- Bonding Company Letter\*\*
- Conflict of Interest Statement (Page 2 of MDOT form 5100D)\*\*
- Key Personnel Resumes\*\*

\*\*NOT INCLUDED IN SOQ MAXIMUM PAGE COUNT

REQUEST FOR QUALIFICATIONS

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3 CMGC-003 ACKNOWLEDGMENT OF RECEIPT OF ADDENDA

Project: \_\_\_\_\_

Name of Submitter: \_\_\_\_\_

Receipt is hereby acknowledged of the following addenda and responses to questions by MDOT to this RFQ by entering "YES" or "NO" below and indicating the date received:

<u>Addendum No.</u>	<u>Received</u>	<u>Date Received:</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

<u>Response to Question Set No.</u>	<u>Received</u>	<u>Date Received:</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Title)