

CONTRACT NO. 2020-0905

MACKINAC STRAITS CORRIDOR AUTHORITY

CDM SMITH MICHIGAN, INC.

CONTRACT

This Contract is made and entered into by and between the Mackinac Straits Corridor Authority (MSCA) and CDM Smith Michigan, Inc. (CONSULTANT), of 6709 Centurion Drive, Suite 100, Lansing, Michigan 48917, for the purpose of the MSCA engaging the CONSULTANT to provide professional structural design support services to assist with oversight of the development, design, and construction of the Mackinac Straits Utility Tunnel beneath the Straits of Mackinac, Mackinac County.

Recital:

The MSCA and the CONSULTANT agree to follow a dispute resolution process in the event that problems occur with the services performed by the CONSULTANT or in the event that other problems arise related to this Contract or the services to be provided hereunder.

The parties agree that:

THE CONSULTANT WILL:

1. Perform the work set forth in Exhibit A, dated September 30, 2020, pages 1 through 14, attached hereto and made a part hereof (SERVICES).

The CONSULTANT specifically agrees that it will not perform services that are not included in the scope of services in Exhibit A. By its signature on this Contract, the CONSULTANT denotes its understanding that MSCA employees, including any MSCA project manager, do not have the authority to verbally assign work to the CONSULTANT. In the event that any MSCA employee attempts to assign work under this Contract that is not included in the scope of services in Exhibit A, the CONSULTANT will refuse to do any such work and will contact the MSCA's Contract Administrator.

2. Perform all SERVICES in conformity with the applicable standards and guidelines of the Michigan Department of Transportation (MDOT) and the MSCA.
3. During the performance of the SERVICES, be responsible for any loss of or damage to original documents belonging to the MSCA while they are in the CONSULTANT's

possession. Restoration or replacement of lost or damaged original documents will be at the CONSULTANT's expense.

4. Maintain the original copies of all documents, calculations, reviews, and reports generated during the performance of the SERVICES (DOCUMENTS). The DOCUMENTS will be maintained in a safe and secure place and will be available for review by the MSCA or its representative.

The CONSULTANT will deliver to the MSCA those DOCUMENTS for which delivery is provided in Exhibit A. Any DOCUMENTS not required for delivery to the MSCA will be maintained by the CONSULTANT for at least three (3) years from the date of completion of the construction of the project related to the SERVICES under this Contract. In the event that such construction is unduly delayed, the CONSULTANT may request permission for exemption from this provision. The CONSULTANT may not discard such DOCUMENTS prior to the above defined date without prior written approval from the MSCA.

5. Make such trips to confer with representatives of the MSCA and/or MDOT as may be necessary in the carrying out of the SERVICES set forth in this Contract.
6. Upon completion of the SERVICES, deliver to the MSCA the work products defined in Exhibit A.
7. Affix its professional endorsement upon all designs, specifications, estimates, and engineering data furnished to the MSCA and comply with all requirements of 1980 PA 299 Article 20, MCL 339.2001 – 339.2014.
8. During the performance of the SERVICES, submit directly to the MSCA Project Manager written progress reports that outline the work accomplished during the reporting period; identify any problems, real or anticipated, associated with the performance of the SERVICES; and identify any deviations from the agreed upon work plan and schedule. In the event the CONSULTANT identifies any problem(s), the CONSULTANT will submit a plan to correct the problem(s) to the MSCA for consideration. The content and format of such written progress reports will be as defined in Exhibit A. The quantity, timing, period covered, and recipients of the progress reports will be as directed by the MSCA Project Manager.

As part of the progress report, the CONSULTANT will report the actual hours of performance, the actual start, and, if necessary, an estimated completion date or an actual completion date. In the event that the CONSULTANT does not submit a progress report for a particular month, the CONSULTANT is still required to submit any report or information required by this section.

9. With regard to record-keeping and audits:
 - a. The CONSULTANT will establish and maintain accurate records, in accordance with generally accepted accounting principles, of all expenses incurred for which payment is sought or made under this Contract (RECORDS). Separate accounts will be established and maintained by job number and/or phase for all costs incurred for SERVICES under this Contract.
 - b. The CONSULTANT will maintain the RECORDS for at least three (3) years from the date of final payment made by the MSCA under this Contract. In the event of a dispute with regard to the allowable expenses or any other issue under this Contract, the CONSULTANT will thereafter continue to maintain the RECORDS at least until that dispute has been finally decided and the time for all available challenges or appeals of that decision has expired.
 - c. The MSCA or its representative may inspect, copy, scan, or audit the RECORDS at any reasonable time after giving reasonable notice.
 - d. If any part of the work is subcontracted, the CONSULTANT will assure compliance with subsections (a), (b), and (c) above for all subcontracted work.
10. The CONSULTANT will provide insurance in the amounts and types set forth below, at a minimum, for the life of the Contract. The CONSULTANT will submit certificates of insurance to the MSCA before the award of the Contract, as requested by the MSCA. The insurer must provide at least thirty (30) days written notice of cancellation or change to the MSCA. The CONSULTANT is responsible for verifying that its subconsultants are in compliance with the MSCA's insurance requirements.

Required Limits	Additional Requirements
Commercial General Liability Insurance	
<u>Minimal Limits:</u> \$1,000,000 Each Occurrence Limit \$1,000,000 Personal & Advertising Injury Limit \$2,000,000 General Aggregate Limit \$2,000,000 Products/Completed Operations	The Consultant must have its policy endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds.
Automobile Liability Insurance	
<u>Minimal Limits:</u> \$1,000,000 Per Occurrence	
Workers' Compensation Insurance	
<u>Minimal Limits:</u> Coverage according to applicable laws governing work activities.	Waiver of subrogation, except where waiver is prohibited by law.
Employers Liability Insurance	
<u>Minimal Limits:</u> \$500,000 Each Accident \$500,000 Each Employee by Disease \$500,000 Aggregate Disease.	
Professional Liability (Errors and Omissions) Insurance	
<u>Minimal Limits:</u> \$1,000,000 Per Claim	

11. If the MSCA discloses its confidential information to the CONSULTANT, the CONSULTANT will maintain such information as confidential. Information provided by the MSCA will be deemed confidential if it is marked confidential or stated in writing to be confidential. The above obligations of confidentiality will not apply to:
- a. Information for which the MSCA gives prior written permission for publication or use.
 - b. Information that is required to be disclosed based on court order.

A violation of this provision will be considered a breach of this Contract, and the MSCA may terminate this Contract under the provisions of Section 21(b).

News releases pertaining to this Contract or the SERVICES to which it relates will not be made without prior written approval from the MSCA, and then only in accordance with explicit instructions from the MSCA. News releases made without the MSCA's approval will be considered a breach of the Contract, and the MSCA may terminate this Contract under the provisions of Section 21(b).

12. Submit billings to the MSCA for the SERVICES performed in accordance with the following:

- a. The CONSULTANT agrees that the costs reported to the MSCA for this Contract will represent only those items that are properly chargeable in accordance with this Contract. The CONSULTANT also certifies that it has read the Contract terms and has made itself aware of the applicable laws, regulations, and terms of this Contract that apply to the reporting of costs incurred under the terms of this Contract.
- b. The billings for the SERVICES will be in accordance with the defined hourly rates detailed in Exhibit A.
- c. The billings for the SERVICES will not be submitted more often than once per month without prior written approval from the MSCA. Each billing will be submitted promptly, no more than sixty (60) days after the completion of the SERVICES for that billing. All billings for SERVICES provided prior to September 30 of any year must be received by the MSCA in accordance with MDOT's annual fiscal year end instructions or a significant delay in payment may occur.
- d. The final billing for the SERVICES must be received within sixty (60) days of completion of the SERVICES. The MSCA may close the Contract after the sixty (60) days have passed. Costs provided to the The billings for the SERVICES will be in accordance with the defined hourly rates detailed in Exhibit A after this sixty (60) day period may be denied by the MSCA.

THE MSCA WILL:

13. Provide the CONSULTANT with access to MSCA and MDOT standards and information in its possession and related to the SERVICES that the CONSULTANT specifically requests, except for such standards and information as the CONSULTANT is specifically required to provide.
14. Pay the CONSULTANT for the SERVICES after receipt of billings, subject to verification of progress. Compensation for the SERVICES will be on the basis of loaded hourly rate plus direct expenses and will not exceed Two Hundred Twenty-Eight Thousand One Hundred Fifty-Nine Dollars and Sixty-Eight Cents (\$228,159.68), as set forth in Exhibit A. The CONSULTANT will be responsible for all costs in excess of the funds shown above.

MSCA funds in this Contract made available through legislative appropriations are based on projected revenue estimates. The MSCA may reduce the amount of this Contract if the revenue actually received is insufficient to support the appropriation under which this Contract is made.

Proportional compensation for work performed as a result of the dispute resolution process (DRP) will be on the basis of actual cost and a fixed fee for profit. The proportion of such costs incurred that will be reimbursed, if any, will be as determined by the DRP. MSCA and the CONSULTANT will maintain separate RECORDS by job number for the costs incurred relative to the DRP. The allowability of such costs will be as determined by the MSCA's auditor. The determination of allowability under the provisions of this section is limited to the acceptability of the expense relative to 48 CFR, Federal Acquisition Regulations, Part 31. Such determination by the MSCA's auditor does not apply to the acceptability or completeness of work as determined by the DRP.

15. Determine that payment for the costs of the SERVICES required and performed is in accordance with the following:

- a. Labor Costs: Actual hours of performance on the SERVICES multiplied by the defined hourly rate(s) set forth in Exhibit A.
- b. Other Direct Costs: Actual costs of materials that may be required hereunder but that are not normally provided as part of the overhead of the CONSULTANT. All actual costs in excess of Two Thousand Five Hundred Dollars (\$2,500.00) per other direct costs category will be supported by proper receipts and proof of payments.
- c. Travel and Subsistence: Actual costs in accordance with and not to exceed the amounts set forth in the current State of Michigan Standardized Travel Regulations, incorporated herein by reference.

The MSCA 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.

- d. Reimbursement for costs incurred is subject to the cost criteria set forth in 48 CFR, Federal Acquisition Regulations, Part 31.

16. Make payment to the CONSULTANT in accordance with the provisions set forth below.

- a. Within thirty (30) days of the receipt of the billing from the CONSULTANT, the MSCA will either approve the billing for payment or, in lieu of such approval, inform the CONSULTANT that such approval has not been given. Additionally, the MSCA will inform the CONSULTANT why the billing has not been approved

and the actions, if any, required of the CONSULTANT to obtain such approval. Upon approval by the Project Manager, the billing will be submitted for payment. This subsequent payment process requires up to an additional thirty (30) days.

- b. Progress payments may be made for reimbursement of amounts earned to date upon receipt of billings. Progress payments will not be made more often than once per month without prior written approval from the MSCA.
- c. Payment for reimbursement for a proportionate share of the work performed as determined by the DRP will be paid in accordance with the provisions of Section 14 and after the thirty (30) day acceptance period, as further defined in Exhibit C.
- d. In the event the MSCA determines that the CONSULTANT is not currently eligible to receive any or all of the funds requested, it will promptly notify the CONSULTANT, stating the reasons for such determination.
- e. Upon receipt by the MSCA of the required documents and any other accompanying information in a form satisfactory to the MSCA, the MSCA will process the payment request if the CONSULTANT is complying with its obligations pursuant to this Contract.
- f. Reimbursement of any costs pursuant to this section will not constitute a final determination by the MSCA of the allowability of such costs and will not constitute a waiver by the MSCA of any violation of the terms of this Contract committed by the CONSULTANT.
- g. Regardless of its costs, the CONSULTANT will not be entitled to compensation in excess of the maximum amount set forth in Section 14.
- h. The CONSULTANT will not be paid for costs arising from the correction of errors and omissions attributable to the CONSULTANT.
- i. The MSCA will not reimburse or be responsible for any costs incurred by the CONSULTANT prior to the award or subsequent to the expiration of this Contract.

IT IS FURTHER AGREED THAT:

- 17. The parties will consider the SERVICES to be complete when accepted by the MSCA. Such acceptance by the MSCA is not intended to nor does it relieve the CONSULTANT of any of its obligations and responsibilities herein.
- 18. Any change in the scope, character, or term of this Contract or in the maximum amount as shown in Section 14 of this Contract will only be by award of a prior written

amendment to this Contract by the parties. The maximum dollar amount of this Contract will not be increased without an accompanying and comparable increase in the scope of services.

19. When unreasonable delays are caused by circumstances or conditions that are not the fault of and are beyond the control of the CONSULTANT and are significant, as determined by the MSCA, the CONSULTANT may submit a written request for an extension of time and/or an update to its labor rates to reflect the rates currently in effect for the firm when such changes to those rates are material. The MSCA will provide written responses to such requests within thirty (30) days.
 - a. In the event the MSCA determines that an extension of time or an update in rates is warranted by the circumstances or conditions that are not the fault of and are beyond the control of the CONSULTANT, the MSCA will respond in writing by issuing an amendment to the Contract, as provided for in Section 18. Such extension of time or granting of revised rates will not operate as a waiver by the MSCA of any of its rights herein set forth.
 - b. In the event the MSCA determines that an extension of time or an update in rates is not warranted by the circumstances or conditions, the MSCA will advise the CONSULTANT in writing of its determination. Such determination by the MSCA will be considered final and binding and not subject to further review or consideration.
 - c. Failure on the part of the CONSULTANT to submit a written request for an extension of time or an update to its labor rates will constitute a waiver of the request for extra compensation for any such delay or rate change. The filing of such notice by the CONSULTANT will not be construed to establish the validity of the request.

20. The MSCA and the CONSULTANT will agree on the Key People to be assigned to the Project Team prior to any work being performed. The CONSULTANT will not replace any Key People assigned to the Project Team without prior written approval from the MSCA. The MSCA has the right to disapprove proposed replacements, and the CONSULTANT is required to find alternative replacements that are acceptable to the MSCA. The replacement of Key People from the Project Team without the MSCA's prior written approval will be considered a breach of this Contract, and the MSCA may terminate this Contract under the provisions of Section 21(b). If a member of the Project Team who is one of the Key People leaves the Project Team, the CONSULTANT will replace that person with a person who is acceptable to the MSCA in accordance with the MDOT "Consultant Loss of Key Staff Notification Process," dated February 9, 2015. Failure by the CONSULTANT to find an acceptable replacement to the Project Team will be considered a breach of this Contract, and the MSCA may terminate this Contract under the provisions of Section 21(b). "Key People" are defined as those people whose

qualifications and experience are essential to providing quality SERVICES. “Project Team” means the personnel assigned by the CONSULTANT and the subconsultant(s) who are responsible for the completion of the SERVICES.

21. The MSCA may terminate this Contract for convenience or cause, as set forth below, before the SERVICES are completed. Written notice of termination will be sent to the CONSULTANT. The CONSULTANT will be reimbursed in accordance with the following:

a. Termination for Convenience:

If the MSCA terminates this Contract for convenience, the CONSULTANT will be reimbursed for all costs incurred up to the termination date set forth in the notice of termination. Such reimbursement will be as set forth in Sections 15 and 16. The MSCA will receive the work product produced by the CONSULTANT under this Contract up to the time of termination, prior to the CONSULTANT being reimbursed. In no case will the compensation paid to the CONSULTANT for partial completion of SERVICES exceed the amount the CONSULTANT would have received had the SERVICES been completed.

b. Termination for Cause:

In the event the CONSULTANT fails to complete any of the SERVICES in a manner satisfactory to the MSCA, and/or discloses the MSCA’s confidential information, in violation of the provisions of Section 11, and/or replaces any Key People without prior written approval from the MSCA, as set forth in Section 20, and/or fails to find an acceptable replacement to the Project Team, as set forth in Section 20, and/or makes any public relations communications and/or products that are intended for an external audience without prior written approval from the MSCA, as set forth in Section 43, the MSCA may terminate this Contract for cause. Written notice of termination will be sent to the CONSULTANT. The CONSULTANT will be reimbursed as follows:

The CONSULTANT will be reimbursed for SERVICES completed up to receipt of the notice of termination. The MSCA may pay a proportionate share for a partially completed work product. The value of such partially completed work product will be determined by the MSCA based on actual costs incurred up to the estimated value of the work product received by the MSCA, as determined by the MSCA. Such reimbursement will be as set forth in Sections 15 and 16. The MSCA will receive the work product produced by the CONSULTANT under this Contract up to the time of termination, prior to the CONSULTANT being reimbursed. In no case will the compensation paid to the CONSULTANT for partial completion of the SERVICES exceed the amount the CONSULTANT would have received had the SERVICES been completed.

In the event that termination by the MSCA is necessitated by any wrongful breach, failure, default, or omission by the CONSULTANT, the MSCA will be entitled to pursue whatever remedy is available to it, including, but not limited to, withholding funds or off-setting against funds owed to the CONSULTANT under this Contract, as well as any other existing or future contracts between the CONSULTANT and the MSCA, for any and all damages and costs incurred or sustained by the MSCA as a result of its termination of this Contract due to the wrongful breach, failure, default, or omission by the CONSULTANT. In the event of termination of this Contract, the MSCA may procure the professional SERVICES from other sources and hold the CONSULTANT responsible for any damages or excess costs occasioned thereby.

In the event the CONSULTANT disagrees with the MSCA regarding a determination of the completeness or value of SERVICES completed or the amount of reimbursement for which the CONSULTANT is eligible under the provisions of this section, the CONSULTANT may invoke the alternative dispute resolution process defined in Section 27.

22. In the event that an audit performed by or on behalf of the MSCA indicates an adjustment to the costs reported under this Contract or questions the allowability of an item of expense, the MSCA will promptly submit to the CONSULTANT a Notice of Audit Results and a copy of the audit report, which may supplement or modify any tentative findings verbally communicated to the CONSULTANT at the completion of an audit.

Within sixty (60) days after the date of the Notice of Audit Results, the CONSULTANT will (a) respond in writing to the MSCA indicating whether or not it concurs with the audit report, (b) clearly explain the nature and basis for any disagreement as to a disallowed item of expense, and (c) submit to the MSCA a written explanation as to any questioned or no opinion expressed item of expense (RESPONSE). The RESPONSE will be clearly stated and will provide any supporting documentation necessary to resolve any disagreement or questioned or no opinion expressed item of expense. Where the documentation is voluminous, the CONSULTANT may supply appropriate excerpts and make alternate arrangements to conveniently and reasonably make that documentation available for review by the MSCA. The RESPONSE will refer to and apply the language of the contract. The CONSULTANT agrees that failure to submit a RESPONSE within the sixty (60) day period constitutes agreement with any disallowance of an item of expense and authorizes the MSCA to finally disallow any items of questioned or no opinion expressed cost.

The MSCA will make its decision with regard to any Notice of Audit Results and RESPONSE within one hundred twenty (120) days after the date of the Notice of Audit Results. If the MSCA determines that an overpayment has been made to the CONSULTANT, the CONSULTANT will repay that amount to the MSCA or reach

agreement with the MSCA on a repayment schedule within thirty (30) days after the date of an invoice from the MSCA. If the CONSULTANT fails to repay the overpayment or reach agreement with the MSCA on a repayment schedule within the thirty (30) day period, the CONSULTANT agrees that the MSCA will deduct all or a portion of the overpayment from any funds then or thereafter payable by the MSCA to the CONSULTANT under this Contract or any other agreement or payable to the CONSULTANT under the terms of 1951 PA 51, as applicable. Interest will be assessed on any partial payments or repayment schedules based on the unpaid balance at the end of each month until the balance is paid in full. The assessment of interest will begin thirty (30) days from the date of the invoice. The rate of interest will be based on the Michigan Department of Treasury common cash funds interest earnings. The rate of interest will be reviewed annually by the MSCA and adjusted as necessary based on the Michigan Department of Treasury common cash funds interest earnings. The CONSULTANT expressly consents to this withholding or offsetting of funds under those circumstances, reserving the right to file a lawsuit in the Court of Claims to contest the MSCA's decision only as to any item of expense the disallowance of which was disputed by the CONSULTANT in a timely filed RESPONSE.

23. All documents prepared by the CONSULTANT under this Contract, including tracings, drawings, estimates, specifications, field notes, investigative studies, and other relevant documents, are the property of the MSCA.
24. This Contract is personal to the parties and cannot be assigned. The CONSULTANT will not sublet any portion of the SERVICES without the MSCA's approval of the CONSULTANT's Intent to Subcontract form, and subconsultant work may not begin until the subcontract is signed or, in specific situations, a Limited Notice to Proceed form is signed. The CONSULTANT will not sublet more than sixty percent (60%) of the SERVICES by dollar amount.

Such approval of any Intent to Subcontract form or Limited Notice to Proceed form is given solely for the purposes of the MSCA. Approval does not constitute an assumption of liability, a waiver, or an estoppel to enforce any of the requirements of this Contract, nor will any such approval by the MSCA be construed as a warranty of the third party's qualifications, professional standing, ability to perform the work being subcontracted, or financial integrity. Neither the Intent to Subcontract form nor the Limited Notice to Proceed form replaces the traditional subcontract or subcontract amendment between the CONSULTANT and its subconsultant. The MSCA or its representative may inspect, copy, scan, or audit the traditional subcontract records at any reasonable time after giving reasonable notice.

Any subconsultant will not sublet more than fifty percent (50%) of its subcontracted SERVICES by dollar amount. This provision will be included in all subcontracts relating to this Contract.

The following named subconsultant, as set forth in Exhibit A, will perform portions of the SERVICES:

Alfred Benesch & Company

25. The CONSULTANT agrees to pay each subcontractor for the satisfactory completion of work associated with the subcontract no later than ten (10) calendar days from the receipt of each payment the CONSULTANT receives from the MSCA. This requirement is also applicable to all sub-tier subcontractors and will be made a part of all subcontract agreements.

This prompt payment provision is a requirement of 49 CFR Part 26, as amended, and does not confer third-party beneficiary right or other direct right to a subcontractor against The MSCA. This provision applies to both Disadvantaged Business Enterprise (DBE) and non-DBE subcontractors.

The CONSULTANT further agrees that it will comply with 49 CFR Part 26, as amended, and will report any and all DBE subcontractor payments to the MSCA with each invoice in the format set forth in Appendix G, dated September 2015, attached hereto and made a part hereof, or any other format acceptable to the MSCA.

26. All questions that may arise as to the quality and acceptability of work, the manner of performance and rate of progress of the work, the interpretation of designs and specifications, and the satisfactory and acceptable fulfillment of the terms of this Contract will be decided by the MSCA, except as provided for in the dispute resolution process, as set forth in Section 27 below.

27. In the event that problems occur with the SERVICES performed by the CONSULTANT, the MSCA and the CONSULTANT agree to follow a dispute resolution process, as set forth below.

- a. The CONSULTANT and the MSCA specifically agree that, in the event that problems arise with the performance of the SERVICES that may be the result of errors and/or omissions by the CONSULTANT or a failure of the CONSULTANT to otherwise perform in accordance with this Contract, the CONSULTANT and the MSCA will follow and abide by a decision reached by the dispute resolution process (DRP), as described in the attached Exhibit C, dated January 6, 2000, unless within thirty (30) days of the conclusion of such a process, the MSCA or the CONSULTANT rejects the DRP decision in such a manner as described in Exhibit C. It is further agreed that each party to this Contract reserves the right to file a lawsuit in a Michigan court of competent jurisdiction to contest the decisions or rulings of the DRP only at the completion of the DRP and then only if the DRP decision was timely rejected by the respective party in accordance with the requirements of the DRP.

- b. The CONSULTANT agrees to be financially responsible for any and all consequential damages incurred by the MSCA as a result of any errors and/or omissions attributed to the CONSULTANT's performance of the SERVICES or to a failure of the CONSULTANT to otherwise perform in accordance with this Contract, as determined by the DRP and/or a Michigan court of competent jurisdiction.
- c. The CONSULTANT and the MSCA agree that during construction, time is of the essence in solving problems and avoiding delays. The CONSULTANT and the MSCA specifically agree to resolve such problems first and afterwards to determine cause and financial responsibility. The CONSULTANT agrees to continue to provide the SERVICES under this Contract in accordance with the Progress Schedule or Construction Schedule while participating in the DRP. The CONSULTANT also agrees to participate in the DRP without immediately seeking compensation and agrees that such compensation will be as is later determined by the DRP.
- d. For the purposes of this Contract, a standing neutral (S/N) is defined as a technically trained, educated, and credentialed professional who is active in the planning, design, and construction disciplines. The S/N must be capable of objectively listening to, analyzing, and evaluating construction-related demands and claims that are in dispute.

The MSCA and the CONSULTANT will each select an S/N.

Neither the CONSULTANT nor the MSCA will replace its S/N without the prior written approval of the other. In the event that either the MSCA or the CONSULTANT discovers that its selected S/N is no longer available, it will notify the other within five (5) working days. The MSCA or the CONSULTANT will submit the name and a summary of the qualifications of its proposed replacement S/N within thirty (30) days of the time it becomes aware that the previous S/N is no longer available. In the event that the CONSULTANT and the MSCA are not able to reach agreement on the replacement S/N, the MSCA may terminate this Contract.

- e. The CONSULTANT and the MSCA agree that the MSCA will contract with the S/Ns selected by both the CONSULTANT and the MSCA. The MSCA will reimburse the S/Ns at the rates established in the individual contracts, subject to all necessary approvals. The CONSULTANT will reimburse the MSCA for fifty percent (50%) of these costs. The contract with and reimbursement of the third S/N, if any, will be subject to the provisions and limitations set forth in this section.

- f. The CONSULTANT and the MSCA specifically agree not to separately make contact with either S/N regarding Contract/project-related matters without the presence or agreement of the other.
 - g. The CONSULTANT and the MSCA specifically agree not to give or receive compensation, honorariums, gifts, or any transmittal of value to or from an S/N associated with this Contract or any other contract between the parties except as a part of the DRP.
28. With regard to nondiscrimination and DBE requirements:
- a. In connection with the performance of SERVICES under this Contract, the CONSULTANT (hereinafter in Appendix A referred to as the “contractor”) agrees to comply with the State of Michigan provisions for “Prohibition of Discrimination in State Contracts,” as set forth in Appendix A, dated June 2011, attached hereto and made a part hereof. This provision will be included in all subcontracts relating to this Contract.
 - b. During the performance of this Contract, the CONSULTANT, for itself, its assignees, and its successors in interest (hereinafter in Appendix B referred to as the “contractor”), agrees to comply with the Civil Rights Act of 1964, being PL 88-352, 78 Stat. 241, as amended, being Title 42 USC Sections 1971, 1975a-1975d, and 2000a-2000h-6, and the Regulations of the Department of Transportation (49 CFR Part 21) issued pursuant to said Act, including Appendix B, dated June 2011, attached hereto and made a part hereof. This provision will be included in all subcontracts relating to this Contract.
 - c. The CONSULTANT will carry out the applicable requirements of the MSCA’s DBE program and 49 CFR Part 26, including, but not limited to, those requirements set forth in Appendix C, dated October 2, 2014, attached hereto and made a part hereof.
29. Public Act 533 of 2004 requires that payments under this Contract be processed by electronic funds transfer (EFT). The CONSULTANT is required to register to receive payments by EFT at the SIGMA Self Service website (www.michigan.gov/SIGMAVSS).
30. The CONSULTANT specifically agrees that in the performance of the SERVICES herein enumerated, by itself, by an approved subcontractor, or by anyone acting on its behalf, it will comply with any and all state, federal, and local statutes, ordinances, and regulations and will obtain all permits that are applicable to the entry into and performance of this Contract.
31. In addition to the protection afforded by any policy of insurance, the CONSULTANT agrees to indemnify and save harmless the State of Michigan, the Michigan State

Transportation Commission, the MSCA, MDOT, the FHWA, and all officers, agents, and employees thereof:

- a. From any and all claims by persons, firms, or corporations for labor, materials, supplies, or services provided to the CONSULTANT in connection with the CONSULTANT's performance of the SERVICES; and
- b. From any and all costs or claims for additional compensation or damages, or injuries to or death of any and all persons, for loss of or damage to property, for environmental damage, degradation, response and cleanup cost, including attorney fees and related costs, caused by errors and/or omissions attributable to the CONSULTANT's performance of the SERVICES under this Contract unless the CONSULTANT proves that notwithstanding the error or omission, the CONSULTANT met generally accepted standards of care. In addition to excusing consultants from liability for errors or omissions that the CONSULTANT proves occurred despite its compliance with generally accepted standards of care, the CONSULTANT will only be responsible for the percentage of the damages and costs that corresponds to the proportion of the total damages and costs caused by the errors and/or omissions attributable to the CONSULTANT for which the CONSULTANT is otherwise liable under this subparagraph.

The MSCA will not be subject to any obligations or liabilities by contractors of the CONSULTANT or their subcontractors or any other person not a party to this Contract without its specific consent and notwithstanding its concurrence in or approval of the award of any contract or subcontract or the solicitation thereof.

It is expressly understood and agreed that the CONSULTANT will take no action or conduct that arises either directly or indirectly out of its obligations, responsibilities, and duties under this Contract that results in claims being asserted against or judgments being imposed against the State of Michigan, the Michigan State Transportation Commission, the MSCA, MDOT, and/or the FHWA, as applicable.

In the event that the same occurs, it will be considered as a breach of this Contract, thereby giving the State of Michigan, the Michigan State Transportation Commission, the MSCA, MDOT, and/or the FHWA, as applicable, a right to seek and obtain any necessary relief or remedy, including, but not limited to, a judgment for money damages.

32. The CONSULTANT's signature on this Contract constitutes the CONSULTANT's certification of "status" under penalty of perjury under the laws of the United States with respect to 49 CFR Part 29, as amended and as relocated to 2 CFR Part 1200, pursuant to Executive Order 12549.

The certification that is outlined as a part of this Contract as Attachment A is Appendix A of 49 CFR Part 29 and applies to the CONSULTANT (referred to in Appendix A as “the prospective primary participant”).

The CONSULTANT is responsible for obtaining the same certification from all subcontractors under this Contract by inserting the following paragraph in all subcontracts:

“The subcontractor’s signature on this Contract constitutes the subcontractor’s certification of ‘status’ under penalty of perjury under the laws of the United States with respect to 49 CFR Part 29, as amended and as relocated to 2 CFR Part 1200, pursuant to Executive Order 12549. The certification included as a part of this Contract as Attachment B is Appendix B of 49 CFR Part 29.”

This certification is required of all subcontractors, testing laboratories, and other lower tier participants with which the CONSULTANT enters into a written arrangement for the procurement of goods or services provided for in this Contract.

33. For contracts in excess of One Hundred Thousand Dollars (\$100,000.00):
- a. The CONSULTANT’s signature on this Contract constitutes the CONSULTANT’s certification that to the best of his or her knowledge and belief no federal appropriated funds have been paid or will be paid by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, or the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
 - b. If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned will complete and submit Standard Form LLL, “Disclosure Form to Report Lobbying,” pursuant to Section 1352, Title 31 USC, in accordance with its instructions.
 - c. The CONSULTANT will require that the language of this certification be included in the award documents for all third-party agreements (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients will certify and disclose accordingly.

- d. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31 USC. Any person who fails to file the required certification will be subject to a civil penalty of not less than Ten Thousand Dollars (\$10,000.00) and not more than One Hundred Thousand Dollars (\$100,000.00) for each such failure.
34. In accordance with 1980 PA 278, MCL 423.321 *et seq.*, the CONSULTANT, in the performance of this Contract, will not enter into a contract with a subcontractor, manufacturer, or supplier listed in the register maintained by the United States Department of Labor of employers who have been found in contempt of court by a federal court of appeals on not less than three (3) occasions involving different violations during the preceding seven (7) years for failure to correct an unfair labor practice, as prohibited by Section 8 of Chapter 372 of the National Labor Relations Act, 29 USC 158. The MSCA may void this Contract if the name of the CONSULTANT or the name of a subcontractor, manufacturer, or supplier utilized by the CONSULTANT in the performance of this Contract subsequently appears in the register during the performance of this Contract.
 35. For contracts in excess of One Hundred Fifty Thousand Dollars (\$150,000.00):
 - a. The CONSULTANT stipulates that any facility to be utilized in the performance of this Contract, unless such Contract is exempt under the Clean Air Act, as amended (42 USC 7401 *et seq.*, as amended, including Pub. L. 101-549), and under the Clean Water Act, as amended (33 USC 1251 *et seq.*, as amended, including Pub. L. 100-4), and/or under Executive Order 11738 and regulations in implementation thereof (40 CFR Part 15), is not listed on the date of Contract award on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 CFR Part 15.20.
 - b. The CONSULTANT agrees to comply with all the requirements of the Clean Air Act and the Clean Water Act and all regulations and guidelines listed thereunder related to the CONSULTANT and the SERVICES under this Contract.
 - c. The CONSULTANT will promptly notify the MSCA and the U.S. EPA, Assistant Administrator for Enforcement, of the receipt of any communication from the Director, Office of Federal Activities, EPA, indicating that a facility to be utilized for this Contract is under consideration to be listed on the EPA List of Violating Facilities.

- d. The CONSULTANT agrees to include or cause to be included the requirements of the preceding three (3) paragraphs, (a), (b), and (c), in every nonexempt subcontract.
36. The CONSULTANT agrees that no otherwise qualified individuals with disabilities in the United States, as defined in the Americans with Disabilities Act, 42 USC 12101 *et seq.*, as amended, and regulations in implementation thereof (29 CFR Part 1630), will, solely by reason of their disabilities, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving benefits under this Contract.
37. The CONSULTANT agrees that it will not volunteer, offer, or sell its services to any litigant against the MSCA with respect to any SERVICES it has agreed to perform for the MSCA under this Contract, provided that this provision will not apply either when the CONSULTANT is issued a valid subpoena to testify in a judicial or administrative proceeding or when the enforcement of this provision would cause the CONSULTANT to be in violation of any Michigan or federal law.
38. Any approvals, reviews, and/or inspections of any nature by the MSCA will not be construed as warranties or assumptions of liability on the part of the MSCA. It is expressly understood and agreed that any such approvals are for the sole and exclusive purposes of the MSCA, which is acting in a governmental capacity under this Contract, and that such approvals are a governmental function incidental to the SERVICES under this Contract.

Any approvals, reviews, and/or inspections by the MSCA will not relieve the CONSULTANT of its obligations hereunder, nor are such approvals, reviews, and/or inspections by the MSCA to be construed as warranties as to the propriety of the CONSULTANT's performance but are undertaken for the sole use and information of the MSCA.

39. With regard to claims based on goods or services that were used to meet the CONSULTANT's obligation to the MSCA under this Contract, the CONSULTANT hereby irrevocably assigns its right to pursue any claims for relief or causes of action for damages sustained by the State of Michigan or the MSCA due to any violation of 15 USC, Sections 1 - 15, and/or 1984 PA 274, MCL 445.771 - 445.788, excluding Section 4a, to the State of Michigan or the MSCA.

The CONSULTANT shall require any subcontractors to irrevocably assign their rights to pursue any claims for relief or causes of action for damages sustained by the State of Michigan or the MSCA with regard to claims based on goods or services that were used to meet the CONSULTANT's obligation to the MSCA under this Contract due to any violation of 15 USC, Sections 1 - 15, and/or 1984 PA 274, MCL 445.771 - 445.788, excluding Section 4a, to the State of Michigan or the MSCA as a third-party beneficiary.

The CONSULTANT shall notify the MSCA if it becomes aware that an antitrust violation with regard to claims based on goods or services that were used to meet the CONSULTANT's obligation to the MSCA under this Contract may have occurred or is threatened to occur. The CONSULTANT shall also notify the MSCA if it becomes aware of any person's intent to commence, or of commencement of, an antitrust action with regard to claims based on goods or services that were used to meet the CONSULTANT's obligation to the MSCA under this Contract.

40. No member, officer, or employee of the CONSULTANT during his/her tenure or one (1) year thereafter will have any interest, direct or indirect, in this Contract or the proceeds hereof.
41. The CONSULTANT agrees not to provide any services to a construction contractor for a project for which the CONSULTANT has provided services to the MSCA. The CONSULTANT specifically agrees that it will not provide any services to Enbridge, Inc., during the term of this Contract.

The CONSULTANT and its Affiliates agree not to have any public or private interest, and shall not acquire directly or indirectly any such interest in connection with the project, that would conflict or appear to conflict in any manner with the performance of the SERVICES under this Contract. "Affiliate" means a corporate entity linked to the CONSULTANT through common ownership. The CONSULTANT and its Affiliates agree not to provide any services to a construction contractor or any entity that may have an adversarial interest in a project for which it has provided services to the MSCA. The CONSULTANT and its Affiliates agree to disclose to the MSCA all other interests that the prime or sub consultants have or contemplate having during each phase of the project. The phases of the project may include, but are not limited to, planning, scoping, early preliminary engineering, design, and construction. In all situations, the MSCA will decide if a conflict of interest exists. If the MSCA concludes that a conflict of interest exists, it will inform the CONSULTANT and its Affiliates. If the CONSULTANT and its Affiliates choose to retain the interest constituting the conflict, the MSCA may terminate the Contract for cause in accordance with the provisions stated in this Contract.

42. The CONSULTANT warrants that it has not employed or retained any company or person other than bona fide employees working solely for the CONSULTANT to solicit or secure this Contract and that it has not paid or agreed to pay any company or person other than bona fide employees working solely for the CONSULTANT any fee, commission, percentage, brokerage fee, gift, or other consideration contingent upon or resulting from the award or making of this Contract. For breach or violation of this warranty, the MSCA will have the right to terminate this Contract without liability or, at its discretion, to deduct from the contract price or consideration or otherwise recover the full amount of such fee, commission, percentage, brokerage fee, gift, or contingent fee.


43. Any public relations communications and/or products pertaining to this Contract or the SERVICES hereunder that are intended for an external audience will not be made without prior written approval from the MSCA, and then only in accordance with explicit instructions from the MSCA. Examples of public relations communications and/or products may include the following:
- a. Use of the MSCA logo or the MDOT logo;
 - b. Brochures, flyers, invitations, programs, or any other printed materials intended for an external audience;
 - c. Postings on social media sites or websites;
 - d. New or updated video, digital versatile disk (DVD), or video sharing productions;
 - e. Exhibits or presentations.

A violation of this provision constitutes a breach of this Contract, and the MSCA may terminate this Contract under the provisions of Section 21(b).

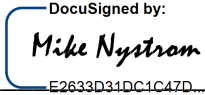
44. This Contract will be in effect from the date of award through October 31, 2022. The CONSULTANT's signature on this Contract constitutes the CONSULTANT's specific agreement that all provisions of this Contract, unless otherwise amended, are continued through any time period for which this Contract is extended by way of a time extension amendment. Any such extension will not operate as a waiver by the MSCA of any of its rights herein set forth.
45. In case of any discrepancy between the body of this Contract and any exhibit hereto, the body of the Contract will govern.

46. This Contract will become binding on the parties and of full force and effect upon signing by the duly authorized representatives of the CONSULTANT and the MSCA and upon adoption of a resolution approving said Contract and authorizing the signature(s) thereto of the respective representative(s) of the CONSULTANT, a certified copy of which resolution will be sent to the MSCA with this Contract, as applicable.

CDM SMITH MICHIGAN, INC.

By:  Karl D. Fry
Oct 28 2020 1:35 PM
Authorized Signer

MACKINAC STRAITS CORRIDOR AUTHORITY

By: 
E2633D31DC1C47D...
Title:



PRICED PROPOSAL COVER SHEET

This form replaces a traditional cover letter, and must have a signature by an authorized legal signer. This form is required for all priced proposals, and shall be the very first page(s). This priced proposal is a binding document and no further Consultant signature(s) will be required if an authorization is issued, rather than a contract.

This form shall be completed by each consultant that has a derivation of cost sheet as part of this priced proposal. Traditional cover letters are not required, but may be added after this Priced Proposal Cover Sheet(s).

PROJECT INFORMATION

MDOT CONTROL SECTION(S) – JOB NUMBER(S): CS N/A - JN N/A	CONTRACT / AUTHORIZATION NUMBER: 2020-0905
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PROJECT DESCRIPTION: Structural Design Support Services Mackinac Straits Tunnel

BASIS FOR REIMBURSEMENT AND METHOD OF PAYMENT as specified in the MDOT Scope of Services (*Actual Cost, Actual Cost Plus Fixed Fee, Loaded Hourly Rate, Unit Price, Lump Sum, and Milestones*) When applicable, list ALL Consultant(s) performing work on this project and the basis for reimbursement and method of payment for each.) **Example: Actual Cost Plus Fixed Fee: (Each firm init.)**

Loaded Hourly (LDHRLY)	CDM ABC
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PREQUALIFICATION CLASSIFICATION(S) (When applicable, list ALL Consultant(s) performing work on this project and all classification(s) in which they will be working. Use current MDOT classification names.) **Example: Design: Roadway: (Each firm init.)**

Design - Bridges: Complex	CDM ABC
Design - Geotechnical	CDM ABC
Design - Roadway	CDM ABC

PRIME CONSULTANT INFORMATION

LEGAL BUSINESS NAME: CDM Smith Michigan Inc.	FEDERAL ID NUMBER: (<i>Must match prequalification</i>) 57-1082023	ROLE: (Prime, Tier 1, Tier 2) Prime Firm
COMPANY ADDRESS: 6709 Centurion Drive, Suite 100	CITY: Lansing	STATE: MI
EMAIL (AUTHORIZED CONTRACT SIGNER): frykd@cdmsmith.com	PHONE NO.: 630.874.7904	EMAIL (FOR SIGNED CONTRACT DISTRIBUTION): rometoac@cdmsmith.com

By signature on this form, the consultant agrees that information provided in the consultant priced proposal does not contradict the scope of services or violate the contract terms and conditions.

AUTHORIZED LEGAL SIGNER: (Printed Name - Title) Karl D. Fry, PE, PMP Vice President	DIGITAL SIGNATURE AND DATE:  Karl D. Fry Vice President Sep 30 2020 12:17 PM
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**SUBCONSULTANT PRICED PROPOSAL COVER SHEET
AND INTENT TO SUBCONTRACT**

This form is to demonstrate the CONTRACTING CONSULTANT'S intent to subcontract or to amend a subcontract. This form replaces the traditional subcontract agreements submitted directly to MDOT through the subcontracting process. It does not serve as a replacement for any subcontract agreements between the CONTRACTING CONSULTANT and SUBCONTRACTING CONSULTANT(S). This form is required of all SUBCONTRACTING CONSULTANTS providing services under the Prime Contract and must have a signature by an authorized legal signer of the SUBCONTRACTING CONSULTANT and CONTRACTING CONSULTANT.

PROJECT INFORMATION

MDOT CONTROL SECTION(S) – JOB NUMBER(S): CS N/A - JN N/A	CONTRACT / AUTHORIZATION NUMBER: 2020-0905	BASIS OF PAYMENT: LDHRLY
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PROJECT DESCRIPTION:
Structural Design Support Services Mackinac Straits Tunnel

SUBCONTRACT AMOUNT			FIXED FEE		
ORIGINAL:	MODIFICATIONS:	TOTAL:	ORIGINAL:	MODIFICATIONS:	TOTAL:
\$ 73,177.12	\$ -	\$ 73,177.12	\$ -	\$ -	\$ -

SUBCONTRACTING CONSULTANT PREQUALIFICATION CLASSIFICATION(S) -OR- DESCRIPTION OF SERVICES:	
Design - Bridges: Complex	ABC
Design - Geotechnical	ABC
Design - Roadway	ABC

- The SUBCONTRACTING CONSULTANT shall be governed by The laws of The State of Michigan and compliant with all applicable Federal laws and regulations, as set forth in The Prime Contract. The SUBCONTRACTING CONSULTANT shall be governed by all The terms and conditions of The Prime Contract, including any amendments to the original Prime Contract. The terms and conditions of the Prime Contract shall prevail over the services provided for under any subcontract.

- The effective date of the subcontract shall not be prior to the date of signature by both parties, unless a Limited Notice to Proceed is in place. The expiration date of the subcontract shall be the same as the Prime Contract unless otherwise mutually agreed upon by both parties and referenced in the subcontract.

- MDOT, FHWA or its representative may inspect, copy, scan or audit the CONTRACTING CONSULTANT or SUBCONTRACTING CONSULTANT records at any reasonable time after giving reasonable notice. Any audit, examination, review, assessment, inspection and/or investigation performed would allow MDOT to make financial adjustments to charges for which this company has requested reimbursement via an MDOT service contract, and require the company to be directly responsible for any monies owed MDOT.

- The CONTRACTING CONSULTANT shall make payment to any SUBCONTRACTING CONSULTANT within (10) days of receipt of payment. The CONTRACTING CONSULTANT shall pay the SUBCONTRACTING CONSULTANT on the basis of payment identified above.

- Records, including executed subcontracts, are to be maintained for 3 years from the date of final payment to the CONTRACTING CONSULTANT and all other pending matters are closed. The Department or its representative may inspect, copy, scan, or audit the Records at any reasonable time after giving reasonable notice.

- The SUBCONTRACTING CONSULTANT agrees that the cost reported to the CONTRACTING CONSULTANT for this Contract will represent only those items that are properly chargeable in accordance with the Prime Contract. The SUBCONTRACTING CONSULTANT also certifies that upon receipt, it will read the Prime Contract terms and will make itself aware of the applicable laws, regulations, and terms of the prime contract that apply to the reporting of costs incurred under the terms of the Prime Contract.

- The MDOT Project Manager shall be notified in writing by the CONTRACTING CONSULTANT in the event the subcontract or amendment is not executed.

- The individuals signing the subcontract represent and warrant that they have the power and authority to enter into the subcontract (or amendment) and bind the parties for whom they sign.

- The SUBCONTRACTING CONSULTANT certifies that it agrees to use the E-Verify system to verify that all persons it hires during the subcontract term are legally present and authorized to work in the United States.

- Fixed Fee on "as needed" projects is computed by taking the percent of actual labor hours invoiced to labor hours authorized, then applying that percentage to the total fixed fee authorized.

- Amendments to add additional funds need to specify what the basis of payment is, the total amendment fee and fixed fee (if applicable) amounts, and the new total maximum not to exceed subcontract fee and fixed fee amounts.


SUBCONTRACTING CONSULTANT INFORMATION (TIER 1 or TIER 2)

LEGAL BUSINESS NAME: Alfred Benesch & Company	FEDERAL ID NUMBER: (Must match prequalification file) 36-2407363	ROLE: (Prime, Tier 1, Tier 2) Tier 1 Sub
COMPANY ADDRESS: 4660 S Hagadorn Rd, Suite 315	CITY: East Lansing	STATE: MI
EMAIL (AUTHORIZED CONTRACT SIGNER): deguastella@benesch.com	PHONE NO.: 517.482.1682	ZIP CODE: 48823
EMAIL (FOR SIGNED CONTRACT DISTRIBUTION): deguastella@benesch.com		

I, as the SUBCONTRACT CONSULTANT, certify that I am prequalified or certified, as required by the Michigan Department of Transportation, to perform the services under the subcontract.

AUTHORIZED LEGAL SIGNER: (Printed Name - Title) David Guastella, PE Senior Vice President	DIGITAL SIGNATURE AND DATE: David Guastella David Guastella Sep 24 2020 8:42 PM	DBE: N
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CONTRACTING CONSULTANT INFORMATION (PRIME or TIER 1)

I, as the CONTRACTING CONSULTANT, intend to retain the services of the above SUBCONTRACTING CONSULTANT to perform services.	
LEGAL BUSINESS NAME: CDM Smith Michigan Inc.	PHONE NO.: 630.874.7904
AUTHORIZED LEGAL SIGNER: (Printed Name - Title) Karl D. Fry, PE, PMP Vice President	DIGITAL SIGNATURE AND DATE:  Karl D. Fry Vice President Sep 30 2020 12:18 PM

SUMMARY OF TOTAL PROJECT COSTS BY JOB NUMBER

EXHIBIT A - 1

All Prime and Subconsultant Costs for ALL JOB NUMBERS (including phases). For amendment or revision, complete this form showing all job numbers for all services provided. Report Tier 2 Subconsultant costs with Tier 1 Subconsultants. For use with all Priced Proposals. Use additional pages as necessary.

MDOT CONTROL SECTION(S) - JOB NUMBER(S): CS N/A - JN N/A	CONTRACT / AUTHORIZATION NUMBER: 2020-0905
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PRIME CONSULTANT NAME: CDM Smith Michigan Inc.	DBE Goal:	PROJECT DESCRIPTION: Structural Design Support Services Mackinac Straits Tunnel
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Consultant	Firm Role:	Contracted to:	Payment Method:	Job Number N/A	Job Number	Job Number	Job Number	Job Number	DBE (Y/N)	Total	% of Contract
HOURS					866	-	-	-		866	
CDM Smith Michigan Inc.	P	MDOT	LDHRLY		490	-	-	-		490	
Alfred Benesch & Company	T1	CDM	LDHRLY		376	-	-	-		376	
LABOR					\$ 220,071.80	\$ -	\$ -	\$ -		\$ 220,071.80	
CDM Smith Michigan Inc.	P	MDOT	LDHRLY	\$	148,045.56	\$ -	\$ -	\$ -		\$ 148,045.56	
Alfred Benesch & Company	T1	CDM	LDHRLY	\$	72,026.24	\$ -	\$ -	\$ -		\$ 72,026.24	
OTHER DIRECT EXPENSES					\$ 8,087.88	\$ -	\$ -	\$ -		\$ 8,087.88	
CDM Smith Michigan Inc.	P	MDOT	LDHRLY	\$	6,937.00	\$ -	\$ -	\$ -		\$ 6,937.00	
Alfred Benesch & Company	T1	CDM	LDHRLY	\$	1,150.88	\$ -	\$ -	\$ -		\$ 1,150.88	
TOTAL COSTS SUMMARY											
Consultant Totals	Firm Role:	Contracted to:	Payment Method:	Job Number N/A	Job Number	Job Number	Job Number	Job Number	DBE (Y/N)	Total	% of Contract
CDM Smith Michigan Inc.	P	MDOT	LDHRLY	\$	154,982.56	\$ -	\$ -	\$ -	N	\$ 154,982.56	67.9%
Alfred Benesch & Company	T1	CDM	LDHRLY	\$	73,177.12	\$ -	\$ -	\$ -	N	\$ 73,177.12	32.1%
Firm Role Key: P = Prime Firm, T1 = Tier 1 Sub, T2 = Tier 2 Sub											
TOTAL COSTS				\$	228,159.68	\$ -	\$ -	\$ -		\$ 228,159.68	100.0%

DERIVATION OF PRIME CONSULTANT COSTS

Exhibit B

Summary of all Prime Costs for ALL JOB NUMBERS (including phases) for all services provided. Use additional pages as necessary.

MDOT CONTROL SECTION(S) - JOB NUMBER(S): CS N/A - JN N/A	CONTRACT / AUTHORIZATION #: 2020-0905	FIRM ROLE: Prime Firm
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PRIME CONSULTANT NAME: CDM Smith Michigan Inc.	PROJECT DESCRIPTION: Structural Design Support Services Mackinac Straits Tunnel
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PRIME LABOR:

CLASSIFICATION	CODE	HOURS	x	RATE/HR	=	LABOR COST
Tunnels & Shafts Engineer		192	x	\$ 333.21	=	\$ 63,976.32
Administration Assistant		32	x	\$ 103.02	=	\$ 3,296.64
Geotechnical Engineer		144	x	\$ 382.29	=	\$ 55,049.76
Concrete/Steel Engineer		64	x	\$ 220.44	=	\$ 14,108.16
PP		18	x	\$ 239.26	=	\$ 4,306.68
PA		40	x	\$ 182.70	=	\$ 7,308.00
		Total Hours:	490			Total Labor \$ 148,045.56

PRIME OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)

Items	Quantity	@	Unit Price	Unit	=	Item Price
Airfare	8.00	@	\$ 500.000	each	=	\$ 4,000.00
Mileage	2,800.00	@	\$ 0.575	Mile	=	\$ 1,610.00
Hotel	8.00	@	\$ 85.000	Each	=	\$ 680.00
Breakfast	14.00	@	\$ 10.250	Each	=	\$ 143.50
Lunch	16.00	@	\$ 10.250	Each	=	\$ 164.00
Dinner	14.00	@	\$ 24.250	Each	=	\$ 339.50
Total Other Direct Expenses \$						6,937.00

TOTAL PRIME FIRM COSTS \$ 154,982.56

Firm Role: Prime Firm

Note: Payment Method = LDHRLY

DERIVATION OF SUBCONSULTANT COSTS

Exhibit C

Summary of all Sub Costs for ALL JOB NUMBERS (including phases) for all services provided. Use additional pages as necessary.

MDOT CONTROL SECTION(S) - JOB NUMBER(S): CS N/A - JN N/A	CONTRACT / AUTHORIZATION #: 2020-0905	FIRM ROLE: Tier 1 Sub
SUBCONSULTANT NAME: Alfred Benesch & Company	PROJECT DESCRIPTION: Structural Design Support Services Mackinac Straits Tunnel	

SUB LABOR:

CLASSIFICATION	CODE	HOURS	x	RATE/HR	=	LABOR COST
Sr Project Manager - Darwish		136	x	\$ 217.34	=	\$ 29,558.24
Sr Project Manager - Garcia		120	x	\$ 197.58	=	\$ 23,709.60
Sr Project Manager - Guastella		40	x	\$ 217.92	=	\$ 8,716.80
Project Engineer II		80	x	\$ 125.52	=	\$ 10,041.60
		Total Hours:		376		Total Labor \$ 72,026.24

SUB OTHER DIRECT EXPENSES: (List each item once at Actual Cost - NO MARKUP.)

Items	Quantity	@	Unit Price	Unit	=	Item Price
Mileage	1,425.00	@	\$ 0.575	Mile	=	\$ 819.38
Meals	9.00	@	\$ 8.500	Each	=	\$ 76.50
Hotel	3.00	@	\$ 85.000	Each	=	\$ 255.00
Total Other Direct Expenses						\$ 1,150.88

TOTAL SUBCONSULTANT COSTS \$ 73,177.12

Firm Role: Tier 1 Sub to CDM

Note: Payment Method = LDHRLY

PROPOSED PERSON HOURS BY PPMS TASK

Michigan Department
of Transportation
5101E (01.08.19)

EXHIBIT E

Summary of all Prime or Subconsultant Hours for **ALL JOB NUMBERS** (including phases). For amendment/revision, complete this form showing all job numbers for all services provided. Submit only one form per consultant. Use additional pages as necessary.

MDOT CONTROL SECTION(S) - JOB NUMBER(S):		CONTRACT / AUTHORIZATION #:		FIRM ROLE:				
CS N/A - JN N/A		2020-0905		Prime Firm				
CONSULTANT NAME:								
CDM Smith Michigan Inc.								
SUMMARY OF PERSON HOURS FOR ALL MDOT JN'S PER PPMS TASK AND CLASSIFICATION								
PPMS Task Code	Task Description	Tunnels & Shafts Engineer	Administration Assistant	Geotechnical Engineer	Concrete/Steel Engineer	PP	PA	HOURS FOR TASK
3570	Prepare Prelim Structure Plans	64		40	32			136
6040	Reporting and Record Keeping		32			2	16	50
9001	Technical and Policy Meetings	24		24		8	8	64
9002	Technical/Advisory Services and Review for Tunnel	80		56	32			168
9003	Project Progress Meetings	24		24			8	56
9004	Public Outreach Meetings					8	8	16
SUMMARY OF PERSON HOURS FOR ALL MDOT JN'S								
Classification:		Tunnels & Shafts Engineer	Administration Assistant	Geotechnical Engineer	Concrete/Steel Engineer	PP	PA	HOURS FOR FIRM
		192	32	144	64	18	40	490
Total Hours:		192	32	144	64	18	40	490

PROPOSED PERSON HOURS BY PPMS TASK										EXHIBIT E
Michigan Department of Transportation 5101E (01.08.19)										
Summary of all Prime or Subconsultant Hours for ALL JOB NUMBERS (including phases). For amendment/revision, complete this form showing all job numbers for all services provided. Submit only one form per consultant. Use additional pages as necessary.										
MDOT CONTROL SECTION(S) - JOB NUMBER(S):		CS N/A - JN N/A		CONTRACT / AUTHORIZATION #:		2020-0905		FIRM ROLE:		Tier 1 Sub
CONSULTANT NAME:										
Alfred Benesch & Company										
PROJECT DESCRIPTION:										
Structural Design Support Services Mackinac Straits Tunnel										
SUMMARY OF PERSON HOURS FOR ALL MDOT JN'S PER PPMS TASK AND CLASSIFICATION										
PPMS Task Code	Task Description	Sr Project Manager - Danush	Sr Project Manager - Garcia	Sr Project Manager - Gustafson	Project Engineer II					HOURS FOR TASK
3570	Prepare Prelim Structure Plans	24	24		24					72
6040	Reporting and Record Keeping			40						40
9001	Technical and Policy Meetings	24	24							48
9002	Technical/Advisory Services and Review for Tunnel	40	56		56					152
9003	Project Progress Meetings	32								32
9004	Public Outreach Meetings	16	16							32
SUMMARY OF PERSON HOURS FOR ALL MDOT JN'S										
Classification:		Sr Project Manager - Danush	Sr Project Manager - Garcia	Sr Project Manager - Gustafson	Project Engineer II					HOURS FOR FIRM
		136	120	40	80					376
Total Hours:										376

Michigan Department of Transportation

ESTIMATED PROJECT VALUE LESS THAN \$250,000

SCOPE OF SERVICE
FOR
STRUCTURAL DESIGN SUPPORT SERVICES

CONTROL SECTION(S):

N/A

JOB NUMBER(S):N/A**PROJECT LOCATION:**

The project is located beneath the Straits of Mackinac, Mackinac County.

PROJECT WORK DESCRIPTION *(description of the project):*

The Mackinac Straits Corridor Authority (“MSCA”), a state institution within the Michigan Department of Transportation (“MDOT”) seeks a Structural Engineering Consultant (“Consultant”) to assist with oversight of the development, design and construction of the Mackinac Straits Utility Tunnel (“the Project”). The tunnel consists precast concrete segments structural placed and grouted by a tunnel boring machine (TBM) as it bores into bedrock below the lake bottom. The tunnel will house a high-capacity hydrocarbon pipeline, and other supporting utilities, fire protection, and supporting pump infrastructure. The southern entrance will consist of a tunnel portal, and the north entrance will consist of a bore shaft. The State is undertaking an effort to increase safety and environmental considerations for liquid pipelines that cross waterbodies in Michigan by constructing an underground tunnel connecting the Upper and Lower Peninsulas to accommodate a replacement of that portion of Enbridge’s Line 5 pipeline that crosses the Straits of Mackinac and to provide the potential to accommodate use by other Utilities. Expertise relating to design and construction of complex concrete structures is necessary for the State to make informed decisions.

The most qualified Consultant, based on the scoring criteria herein, will be awarded a contract for services, if any.

ADDITIONAL INFORMATION

All consultants interested in submitting a proposal for this work will respond with a **one page** Statement of Qualifications e-mailed to both, the MDOT Project Manager and Proposal Agent listed below before the stated submittal deadline. Any Statement of Qualifications (response) received after this day/time will be considered non-responsive. The Statement of Qualifications will include:

- Understanding of Service
- Qualifications of Team

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- Key Personnel available for **immediate work**
- Resumes of Key Personnel (limit 2 pages per resume, pages do not count toward page limit stated above)

GENERAL STAFFING REQUIREMENTS

The selected consultant is expected to provide a satisfactory number of qualified personnel as necessary to effectively carry out its responsibilities under this project. There may be work during nighttime hours, on weekends, and/or generally under tight time constraints.

CONSULTANT SERVICE TASKS (actual work consultants will perform):

- A. Serve as structural subject matter expert for the Project and perform various functions as required relative to overall design and specification development.
- B. Provide input on the Operations and Maintenance Plan, along with overall tunnel durability and modern service life requirements.
- C. Attend meetings including technical and policy meetings to provide professional technical knowledge to review the Project.
- D. Travel to specific locations as needed to meet with Enbridge, Enbridge consultants/contractors, State Officials, and others to review the Project.
- E. Provide technical recommendations and advisory services to the MSCA as it pertains to specifications, polices, practices, and contractual requirements focused on managing items of greatest risk to achieving MSCA's goals.
- F. Work with MSCA and other Consultants to review the Project.
- G. Meet with the MDOT Project Manager bi-weekly, or as otherwise agreed to, to review project progress for the previous, current and future activities and action items. The Consultant shall review and clarify project issues, data needs and availability, and the sequence of events and team meetings that are essential to reviewing the Project.
- H. Attend information meetings (i.e., public hearings, open houses, tribal consultation, 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.
- I. The MDOT Project Manager shall be the official contact person for the Consultant **and shall be made aware of all communications regarding this project.** The Consultant

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must either address or send a copy of all correspondence to the Project Manager. This includes all Subcontractor correspondence and verbal contact records.

- J. Each month, the Consultant shall submit to the MDOT Project Manager a monthly project progress report relating activates to invoiced costs to the satisfaction of the Project Manager.

ANTICIPATED SERVICE START DATE:

September 14, 2020

ANTICIPATED SERVICE COMPLETION DATE:

September 30, 2022

DBE PARTICIPATION REQUIREMENT:

N/A

PRIMARY PREQUALIFICATION CLASSIFICATION(S):

Design – Bridges: Complex

Design – Geotechnical

SECONDARY PREQUALIFICATION CLASSIFICATION(S):

Design – Roadway

CONFLICT OF INTEREST:

The selected Consultant will not be allowed to participate or join any team performing services for the Project, or to provide consulting services related to the Project for any other entity while under contract with the State. **The selected Consultant will be prohibited from doing any work for Enbridge, Inc. during the term of the contract. Consultants must disclose any work they have performed for Enbridge, Inc. in the last 5 years using the attached Form 5100D, in the Section “Conflict of Interest Statement”, providing a description and explanation of any such work performed for Enbridge, Inc. in an attachment to the Form.**

MDOT PROJECT MANAGER:

Ryan Mitchell, Manager, MDOT Innovative Contracting Unit

Bureau of Development

MDOT - Design Division

Van Wagoner Building

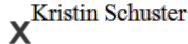
425 W. Ottawa Street

Lansing, Michigan 48933

(517) 614-7025

Mitchellr13@michigan.gov

REQUIRED GUIDELINES AND STANDARDS:


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The Consultant must adhere to all applicable OSHA and MIOSHA safety standards for the activities and conditions for this job and adherence to the Personal Protective Equipment (PPE) standards.

When applicable, work shall conform to current MDOT and current industry practices, guidelines, policies, and standards, and as agreed upon with the Project Manager.

GENERAL INFORMATION:

- A. The Services described herein are financed with public funds. The Consultant must comply with all applicable Federal and State laws, rules, and regulations
- B. The Consultant will notify the MDOT Project Manager, in writing, prior to any personnel changes from those specified in the Consultant's original approved proposal. Any personnel substitutions are subject to the review and approval of the MDOT Project Manager.

CONSULTANT QUALIFICATION REQUIREMENTS:


The State is seeking services of an engineering expert with the following:

- Expertise in structural engineering
- Understanding of structural engineering as applicable to TBM tunneling, subaqueous tunneling and support of excavations
- Understanding of structural analysis, preliminary design, final design, construction, maintenance and operations
- Ability to interpret, review and provide recommendations on minimizing Project risk
- Ability to interpret, review and provide recommendations on preliminary design of tunnels including development of specifications for design, construction, maintenance and operations
- Ability to interpret, review and provide recommendations on structural design and construction, including quality assurance and acceptance

CONSULTANT PAYMENT – Loaded Hourly Rate:

Compensation for this project shall be on a loaded hourly rate basis. This basis of payment typically includes an estimate of labor hours by classification or employee, and a "loaded" rate which includes an hourly labor rate, applied overhead, and fixed fee by classification or employee. In addition, other direct costs and subconsultant costs may be proposed and authorized, if necessary.

All billings for services must be directed to the Department and follow the current guidelines. The latest copy of the "[Professional Service Reimbursement Guidelines for Bureau of Finance and Administration](#)" 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

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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.

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EXHIBIT C

THE DISPUTE RESOLUTION PROCESS

January 6, 2000

BACKGROUND

During the design and construction phases of projects, there are quality assurance and quality assessment procedures required of consultants and the Department that are intended to minimize the occurrence of errors and/or omissions. Even so, there are often valid changes required during construction in order to complete the project. These changes may or may not be the result of the Design or Construction Engineering Consultant's errors or omissions.

Some of the changes may be due to errors and/or omissions in the Design Plans or Construction Engineering Services resulting in cost increases to the project or degradation of quality of the road project. When changes to a project result in errors or omissions and cause additional costs or reduction in quality, an assessment must be made to determine the extent of the Design and/or Construction Engineering consultant's responsibility for the errors and/or omissions, including the consultant's share of the additional costs.

Department personnel must keep in mind that Design Plans and Construction Engineering Services will normally contain minor deficiencies that do not materially affect the cost or quality of the project. The steps to assign responsibility are intended to be used in those cases where Department personnel have reason to believe that, in their professional judgment, a Design and/or Construction Engineering Consultant did not adhere to recognized professional standards of care in the performance of its duties, resulting in substantial additional costs to the Department.

It is also important to understand that the cost of correcting an error and/or omission should be compared to the estimated first-time cost that would have been incurred had the services or contract documents been correct to begin with. For example, the omission of a pay item that has to be added during construction will cause an increase in the construction cost, but the cost would have been higher had the pay item been included from the beginning. In this case, the cost of the omission depends on how much more it costs to include the item during construction than it would have cost had the item been included when the project was bid. Another example is improper or missing testing documentation. In this case, the cost of the omission depends on whether or not the quality of the construction was affected by the missing documentation.

THE PROCESS – OVERVIEW

The new policy of the Bureau of Highways is that projects will be built as designed and let. Furthermore, field staff will not revise the design for purposes of enhancement or personal choice. In the event the project cannot be practically built or let as designed, due to omissions or errors, then the steps of this procedure will govern.

There are three (3) possible categories of potential errors, omissions, or questions of a material nature. The first is when potential errors, omissions, or questions of a material nature are related to

the Design Plans only. In this case, the RE/PE will contact the DPM. These events will be referred to as “Design Issues” until such time as the cause, effect, and responsibility have been determined. *[Any issue is material when the cost of the error and/or omission is perceived to be greater than the administrative cost of the dispute resolution process.]*

The second case is when it cannot be determined whether the potential errors, omissions, or questions of a material nature are encountered in the Construction Engineering Services or in the Design Plans. In this case, the RE/PE will contact the DPM. These events will be referred to as “Construction Engineering/Design Issues” until such time as the cause, effect, and responsibility have been determined.

The third case is when the potential errors, omissions, or questions of a material nature are encountered in Construction Engineering Services and not related to the Design Plans. In this case, the RE/PE will decide if the issue is a material or not. These events will be referred to as “Construction Engineering Issues” until such time as the cause, effect, and responsibility have been determined.

In the event that the RE/PE decides that the Design and/or Construction Engineering Issue is not material, the RE/PE will proceed unilaterally. A copy of the Design Issue decision, changes, and/or other relevant documents must be sent immediately to the DPM, Construction and Technology Division, and the Construction Engineering Consultant, if applicable. Typically, this will be a facsimile of the work order. The DPM will forward these decisions, changes, and/or other documents to the Design Consultant. This step is important for two reasons. First, the DPM, the Design Consultant, and/or the Construction and Technology Division will have an opportunity to review the change and take action if they disagree. Second, this will give an opportunity for everyone to learn of the deficiencies in order to improve the product in the future.

In the event that the RE/PE is uncertain regarding the designer’s intent, he/she must contact DPM to determine that intent. The DPM will contact the consultant staff when appropriate.

The process will initially focus on solving the problem with the objective of minimizing the impact on construction. After that, the process will focus on responsibility according to the multi-step procedure that follows. The step of determining responsibility must be taken any time the Design and/or Construction Engineering Consultant is brought into the process and incurs costs. These steps must also be taken any time errors and/or omissions in consultant prepared Design Plans or Construction Engineering Services result in increased cost during construction or decrease in the quality of the project.

The determination of the degree of responsibility for substandard work must include a review of the consultant’s scope of work, the standards in effect when the work was done, design information provided to the consultant, and directions provided by the Department. In making this determination, the DPM and the RE/PE must discuss the error and/or omission with the consultant and any involved department personnel to obtain all information and points of view. The DPM and the RE/PE are to make a record of conversations and other documentation that support whatever determination is made and then place copies of those records in the project files.

Separate budgets will be created for payment to Design and Construction Engineering Consultants for their correction of Design or Construction Engineering Issues that are judged not be their responsibility and for changes by the DPM and RE/PE for their activities during this ADR process. These funds will be “A” phase but separate from the Construction Engineering funds.

PROCESS – DISPUTE RESOLUTION

At each level of these proceedings, the first focus should be on resolving the Design or Construction Engineering Issue in order to minimize the impact on construction. MDOT and the consultant will attempt to jointly determine the solution. In the event that such agreement cannot be reached, MDOT alone will decide on the appropriate solution. In the event that the Design and/or Construction Engineering Consultant does not agree with any of these decisions, it may appeal its financial responsibility to the next level. After the Design or Construction Engineering Issue is resolved, the focus shifts to responsibility and financial implications.

MDOT will be represented by Design Division, Construction and Technology Division, and/or the Region at these meetings, as appropriate. All decisions must be completely agreed upon by the representatives of the Department. The dollar limits for decision authority are the same as those established by the State Administrative Board and the State Transportation Commission for the Construction Contract “Overrun & Extra” process.

LEVEL ONE - This level of meetings is the first step in the resolution process. The people involved at these meetings are the operational staff who are directly involved in the project. Staff from the RE/PE, DPM, and the Design and/or Construction Engineering Consultant should be included, with staff from the FHWA as observers. This group is empowered to resolve Design and/or Construction Engineering Issues, alter construction of the project, and assign responsibility for the Design and/or Construction Engineering Issue and its consequences up to established dollar limits. Beyond those limits, the issue moves immediately to LEVEL TWO.

LEVEL ONE - A - Find the solution first; focus only on the problem and the resolution of that problem. In the event that agreement on the solution to the issue is reached, this group proceeds to responsibility and financial implications. In the event that the RE/PE and the DPM do not agree on a solution to a Design Issue, the issue moves immediately to LEVEL TWO.

LEVEL ONE - B - After the solution is agreed upon and construction resumes or continues, this same group shifts its focus to responsibility and financial implications. This step begins with an exchange of information and then meetings/negotiations. In the event that agreement is reached on a Design Issue, the DPM processes a letter of agreement to be signed by the Design Consultant and the Department. The Design unit leader signs for MDOT, up to established dollar limits. In the event that agreement is reached on a Construction Engineering Issue, the RE/PE processes a letter of agreement to be signed by the Construction Engineering Consultant and the Department. RE/PE signs for MDOT, up to established dollar limits. For issues involving both Design and Construction, the RE/PE processes a letter of agreement to be signed by the Construction Engineering Consultant, the

Design Consultant, and the Department. RE/PE signs for MDOT, up to established dollar limits.

LEVEL TWO - This is an appeal level of meetings and includes the upper management of the same organizations, the Construction and Technology Division, the Design Division, and the Design and/or Construction Engineering Consultant, with staff from the FHWA as observers. The staff involved in LEVEL ONE are not involved in the decision at this level; however, they are included in this process for informational purposes.

LEVEL TWO - A - In the event that agreement on the *solution* is not reached at LEVEL ONE, the decision is appealed to upper management within MDOT and the consulting firm(s). MDOT and the consultant will attempt to determine the solution; however, in the event that such agreement cannot be reached, MDOT alone will decide on the appropriate solution to the issue.

LEVEL TWO - B - In the event that agreement on *responsibility* is not reached at LEVEL ONE, the decision is appealed to upper level management within MDOT and the consulting firm. In the event that the consultant and MDOT agree on responsibility, the Engineer of Design or Construction and Technology, as appropriate, processes a letter of agreement to be signed by all parties. In the event that agreement regarding responsibility is not reached at this level, the issue is appealed to LEVEL THREE.

LEVEL THREE - In the event that some or all of the dispute is not resolved at LEVEL TWO, the unresolved issues will move to LEVEL THREE of the ADR process. The Department and the consultant will notify the pre-selected PANEL that its services are required. The PANEL will attempt to guide the Department and the consultant toward an agreement. The staff from the FHWA will also be present as observers. At such time as the PANEL determines that the Department and the consultant are not making reasonable progress toward resolving one or more issues, the PANEL will render a non-binding written decision of those issues.

Upon the conclusion of the ADR process, MDOT will do one of the following in accordance with the results of the ADR process:

- a. The DPM or RE/PE will prepare a billing to the Design or Construction Engineering Consultant for its share of the MDOT costs incurred for work performed during the ADR process plus its share of any increased costs of construction, in accordance with the Design Consultant's determined share of responsibility; or
- b. The DPM or RE/PE will prepare a payment to the Design or Construction Engineering Consultant for a share of its costs incurred for work performed during the ADR process in accordance with its determined share of responsibility.

APPENDIX A
PROHIBITION OF DISCRIMINATION IN STATE CONTRACTS

In connection with the performance of work under this contract; the contractor agrees as follows:

1. In accordance with Public Act 453 of 1976 (Elliott-Larsen Civil Rights Act), the contractor shall not discriminate against an employee or applicant for employment with respect to hire, tenure, treatment, terms, conditions, or privileges of employment or a matter directly or indirectly related to employment because of race, color, religion, national origin, age, sex, height, weight, or marital status. A breach of this covenant will be regarded as a material breach of this contract. Further, in accordance with Public Act 220 of 1976 (Persons with Disabilities Civil Rights Act), as amended by Public Act 478 of 1980, the contractor shall not discriminate against any employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment or a matter directly or indirectly related to employment because of a disability that is unrelated to the individual's ability to perform the duties of a particular job or position. A breach of the above covenants will be regarded as a material breach of this contract.
2. The contractor hereby agrees that any and all subcontracts to this contract, whereby a portion of the work set forth in this contract is to be performed, shall contain a covenant the same as hereinabove set forth in Section 1 of this Appendix.
3. The contractor will take affirmative action to ensure that applicants for employment and employees are treated without regard to their race, color, religion, national origin, age, sex, height, weight, marital status, or any disability that is unrelated to the individual's ability to perform the duties of a particular job or position. Such action shall include, but not be limited to, the following: employment; treatment; upgrading; demotion or transfer; recruitment; advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.
4. The contractor shall, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, age, sex, height, weight, marital status, or disability that is unrelated to the individual's ability to perform the duties of a particular job or position.
5. The contractor or its collective bargaining representative shall send to each labor union or representative of workers with which the contractor has a collective bargaining agreement or other contract or understanding a notice advising such labor union or workers' representative of the contractor's commitments under this Appendix.
6. The contractor shall comply with all relevant published rules, regulations, directives, and orders of the Michigan Civil Rights Commission that may be in effect prior to the taking of bids for any individual state project.

7. The contractor shall furnish and file compliance reports within such time and upon such forms as provided by the Michigan Civil Rights Commission; said forms may also elicit information as to the practices, policies, program, and employment statistics of each subcontractor, as well as the contractor itself, and said contractor shall permit access to the contractor's books, records, and accounts by the Michigan Civil Rights Commission and/or its agent for the purposes of investigation to ascertain compliance under this contract and relevant rules, regulations, and orders of the Michigan Civil Rights Commission.
8. In the event that the Michigan Civil Rights Commission finds, after a hearing held pursuant to its rules, that a contractor has not complied with the contractual obligations under this contract, the Michigan Civil Rights Commission may, as a part of its order based upon such findings, certify said findings to the State Administrative Board of the State of Michigan, which State Administrative Board may order the cancellation of the contract found to have been violated and/or declare the contractor ineligible for future contracts with the state and its political and civil subdivisions, departments, and officers, including the governing boards of institutions of higher education, until the contractor complies with said order of the Michigan Civil Rights Commission. Notice of said declaration of future ineligibility may be given to any or all of the persons with whom the contractor is declared ineligible to contract as a contracting party in future contracts. In any case before the Michigan Civil Rights Commission in which cancellation of an existing contract is a possibility, the contracting agency shall be notified of such possible remedy and shall be given the option by the Michigan Civil Rights Commission to participate in such proceedings.
9. The contractor shall include or incorporate by reference, the provisions of the foregoing paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Michigan Civil Rights Commission; all subcontracts and purchase orders will also state that said provisions will be binding upon each subcontractor or supplier.

Revised June 2011

APPENDIX B TITLE VI ASSURANCE

During the performance of this contract, the contractor, for itself, its assignees, and its successors in interest (hereinafter referred to as the “contractor”), agrees as follows:

1. **Compliance with Regulations:** For all federally assisted programs, the contractor shall comply with the nondiscrimination regulations set forth in 49 CFR Part 21, as may be amended from time to time (hereinafter referred to as the Regulations). Such Regulations are incorporated herein by reference and made a part of this contract.
2. **Nondiscrimination:** The contractor, with regard to the work performed under the contract, shall not discriminate on the grounds of race, color, sex, or national origin in the selection, retention, and treatment of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices, when the contractor covers a program set forth in Appendix B of the Regulations.
3. **Solicitation for Subcontracts, Including Procurements of Materials and Equipment:** All solicitations made by the contractor, either by competitive bidding or by negotiation for subcontract work, including procurement of materials or leases of equipment, must include a notification to each potential subcontractor or supplier of the contractor’s obligations under the contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto and shall permit access to its books, records, accounts, other sources of information, and facilities as may be determined to be pertinent by the Department or the United States Department of Transportation (USDOT) in order to ascertain compliance with such Regulations or directives. If required information concerning the contractor is in the exclusive possession of another who fails or refuses to furnish the required information, the contractor shall certify to the Department or the USDOT, as appropriate, and shall set forth the efforts that it made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of the contractor’s noncompliance with the nondiscrimination provisions of this contract, the Department shall impose such contract sanctions as it or the USDOT may determine to be appropriate, including, but not limited to, the following:
 - a. Withholding payments to the contractor until the contractor complies; and/or
 - b. Canceling, terminating, or suspending the contract, in whole or in part.

6. **Incorporation of Provisions:** The contractor shall include the provisions of Sections (1) through (6) in every subcontract, including procurement of material and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the Department or the USDOT may direct as a means of enforcing such provisions, including sanctions for non-compliance, provided, however, that in the event a contractor becomes involved in or is threatened with litigation from a subcontractor or supplier as a result of such direction, the contractor may request the Department to enter into such litigation to protect the interests of the state. In addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

Revised June 2011

(Revised October 2, 2014)

APPENDIX C
Assurances that Recipients and Contractors Must Make
(Excerpts from US DOT Regulation 49 CFR § 26.13)

- A. Each financial assistance agreement signed with a DOT operating administration (or a primary recipient) must include the following assurance:

The recipient shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any US DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR Part 26. The recipient shall take all necessary and reasonable steps under 49 CFR Part 26 to ensure nondiscrimination in the award and administration of US DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR Part 26 and as approved by US DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the department may impose sanctions as provided for under Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 et seq.).

- B. Each contract MDOT signs with a contractor (and each subcontract the prime contractor signs with a subcontractor) must include the following assurance:

The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of US DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanction;
- (3) Liquidated damages; and/or
- (4) Disqualifying the contractor from future bidding as non-responsible.

APPENDIX G

PRIME CONSULTANT STATEMENT OF DBE SUBCONSULTANT PAYMENTS

Information required in accordance with 49 CFR Section 26.37 to monitor progress of the prime consultant in meeting contractual obligations to DBEs

PRIME CONSULTANT NAME	DBE % REQUIRED	CONTRACT / AUTH NO.	BILLING PERIOD TO	INVOICE NUMBER	SUBMITTAL DATE
-----------------------	----------------	---------------------	----------------------	----------------	----------------

IS THIS PRIME FIRM MDOT-DBE CERTIFIED? YES NO

IS THIS THE FINAL INVOICE? YES NO

CERTIFIED DBE SUBCONSULTANT	SERVICES / WORK PERFORMED	TOTAL SUBCONTRACT AMOUNT	TOTAL INVOICED TO DATE	DEDUCTIONS	ACTUAL AMOUNT PAID TO DATE	DBE AUTHORIZED SIGNATURE (FINAL PAYMENT REPORT ONLY)	DATE
		\$	\$				
		\$	\$				
		\$	\$				
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IF THE DBE % PROPOSED WAS NOT ATTAINED, PLEASE INCLUDE THE REASON

AS THE AUTHORIZED REPRESENTATIVE OF THE ABOVE PRIME CONSULTANT, I STATE THAT, TO THE BEST OF MY KNOWLEDGE, THIS INFORMATION IS TRUE AND ACCURATE

PRIME CONSULTANT NAME	TITLE	SIGNATURE	DATE
-----------------------	-------	-----------	------

COMMENTS

INSTRUCTIONS

PRIME CONSULTANT OR AUTHORIZED REPRESENTATIVE:

This statement reports the actual dollar amounts of the project cost earned by and paid to DBE subconsultants. Complete and submit to the Payment Analyst with each billing and within 20 days of receipt of final payment. Some forms may be blank if no payment was made since the previous billing.

For "Contract No., Authorization No.," and "Job No." as appropriate, use the numbers assigned by MOOT.

For "Period Covered," report the calendar days covered by the billing.

For "Services Work Performed" report the main service performed by the subconsultant during the reporting period.

For "Total Contract Amount" report the total amount of the contract between the prime consultant and the subconsultant.

For "Cumulative Dollar Value of Services Completed" report the total amount the subconsultant has earned since beginning this project.

For "Deductions," report deductions made by the prime consultant to the subconsultant's "Cumulative Dollar Value of Services Completed" for retainage, bond or other fees, materials, services or equipment provided to the subconsultant according to mutual, prior agreement (documentation of such agreement may be required by MDOT).

For "Actual Amount Paid to Date," report cumulative actual payments made to the subconsultant for services completed.

For "Actual Amount Paid During this Report Period" report actual payments made to the subcontractor for services during this reporting period.

"Provide "DBE Authorized Signature" for final payment only.

Be sure to sign, title and date this statement.

MDOT PAYMENT ANALYST:

Complete "Comments" if necessary, sign date and forward to the Office of Business Development within seven (7) days of receipt.

MDOT Office of Business Development
P.O. Box 30050
Lansing, Michigan 48909
Questions about this form? Call Toll-free, 1-866-DBE-1264

ATTACHMENT A

(This is a reproduction of Appendix A of 49 CFR Part 29)
**Certification Regarding Debarment, Suspension, and Other
Responsibility Matters -- Primary Covered Transactions**

Instructions for Certification

1. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.
4. The prospective primary participant shall provide immediate written notice to the department or agency to which this proposal is submitted if at any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms covered transaction, debarred, suspended, ineligible, lower tier covered transaction, participant, person, primary covered transaction, principal, proposal, and voluntarily excluded, as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is proposed for debarment under 48 CFR part 9, subpart 9.4, debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
7. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not proposed for debarment under 48

CFR part 9, subpart 9.4, debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the List of Parties Excluded from Federal Procurement and Nonprocurement Programs.

9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is proposed for debarment under 48 CFR part 9, subpart 9.4, suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

Certification Regarding Debarment, Suspension, and Other Responsibility Matters -- Primary Covered Transactions

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency;
 - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - d. Have not within a three year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

[60 FR 33042, 33064, June 26, 1995]

ATTACHMENT B

[This is a reproduction of Appendix B of 49 CFR Part 29]
CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY,
AND VOLUNTARY EXCLUSION--LOWER TIER COVERED TRANSACTIONS

Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms “covered transaction”, “debarred”, “suspended”, “ineligible”, “lower tier covered transaction”, “participant”, “person”, “primary covered transaction”, “principal”, “proposal”, and “voluntarily excluded”, as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled “Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion--Lower Tier Covered Transaction”, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List (Telephone No. (517) 335-2513 or (517) 335-2514).

8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion--Lower Tier Covered Transactions

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

[Federal Register Doc. 88-11561 Filed 5-25-88; 8:45 a.m.]

March 9, 1989