



STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
This contract authorizes the professional services contractor to provide professional services.
(Authority: Public Act 431 of 1984, as amended)

CONTRACT FOR PROFESSIONAL SERVICES: Indefinite Scope – Indefinite Delivery
Billing Rate – Not to Exceed

THIS CONTRACT, authorized this 16th day of April in the year two-thousand and twenty-one (2021), by the Director, Department of Technology, Management and Budget, BETWEEN the STATE OF MICHIGAN acting through the STATE FACILITIES ADMINISTRATION, DESIGN AND CONSTRUCTION DIVISION of the DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET, 3111 West St. Joseph Street, Lansing, Michigan, hereinafter called the Department, and

Byce & Associates, Inc.
487 Portage Street
Kalamazoo, MI 49007

the Prime Professional Services Contractor, hereinafter called the Professional,

WHEREAS the Department proposes securing professional services FOR THE FOLLOWING PROJECT:

Indefinite-Scope, Indefinite-Delivery Contract No. 00874

Department of Technology, Management and Budget
State Facilities Administration, Design and Construction Division
Professional Architectural and Engineering Indefinite-Scope, Indefinite Delivery Contract (ISID) for Minor Projects -
Various State Departments and Facilities
Various Site Locations, Michigan

Provide professional services, technical staff, and support personnel for ISID minor projects on an as-needed basis at various State/Client Agencies within various locations as defined by the State of Michigan. These various ISID minor projects may include projects where the construction costs are between fifteen-thousand dollars (\$15,000) and five-hundred-thousand dollars (\$500,000) for this Contract.

This Contract is for professional design services for an unspecified number of ISID projects. The scope of work for each assigned project will be defined at the time the project is awarded by the State to the Professional firm. The professional services required for each of these assigned projects requested by the Department may include any or all the Tasks included in the Phase 100 – Study through the Phase 700 – Construction text of the Department's Standard Professional Services Contract.

The Professional firm's services shall be performed in strict accordance with this Professional Services Contract and follow the Department's approved and attached Project/Program Statement.

This Contract does not warrant or imply to the Professional design firm entitlement to perform any specific percentage (%) amount of compensation, work, or projects during the life of this four (4) year Contract.

This Contract will remain in effect for four (4) years from the date of this Contract award but may be unilaterally terminated by the State of Michigan at any time, for cause or its convenience, by written notification of the State, to the Professional. Furthermore, this Contract may be extended for one (1) additional year, at the sole option and discretion of the State upon the Department providing written notice to the Professional prior to the expiration of the original four (4) year Contract period. Any such time extension shall be subject to the terms and conditions of this Contract, including, but not limited to, the existing hourly billing rates included in this Contract for the Professional, their Consultant, and their employees or agents.

Please note that for this Professional Services Contract your permanent assigned ISID Contract No., as noted on page 1 of this contract, must be provided on all Project correspondence and documents.

The Professional is not to provide any professional services or incur expenses until individual ISID Projects are assigned to this Contract. (See Article 2 – Compensation and the Project/Program Statement attached to this Contract.)

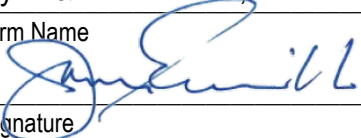
NOW THEREFORE, the Department and the Professional in consideration of the covenants of this Contract agree as follows:

- I. The Professional shall provide the services for the assigned Project in the study, design, and construction administration, Phase and Task sequence provided in this Professional Services Contract and to the extent authorized by the Department of Technology, Management and Budget State Facilities Administration (SFA), Design and Construction Division (DCD) [Department] and be solely responsible for such professional services. The Professional's services shall be performed in strict accordance with this Professional Services Contract and follow the Project/Program Statement.
- II. The State of Michigan shall compensate the Professional for providing their professional architectural and/or engineering study, design, and construction administration services for the Project in accordance with the conditions of this Professional Services Contract.

IN WITNESS, WHEREOF, each of the parties has caused this Professional Services Contract to be executed in blue ink, a scanned digital signature is also acceptable, by its duly authorized representatives on the dates shown beside their respective signatures, with the Contract to be effective upon the date on which the Professional received an electronic copy executed by the authorized State of Michigan representative(s) by electronic mail.

FOR THE PROFESSIONAL:

Byce & Associates, Inc.

Firm Name


Signature
President/CEO

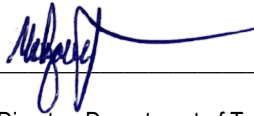
Title

CV0020474

SIGMA Vendor Number
April 19, 2021

Date

FOR THE STATE OF MICHIGAN:



Director, Department of Technology, Management and Budget

4/22/2021

Date

WHEREAS this Professional Services Contract constitutes the entire agreement as to the Project between the parties, any Contract Modification of this Contract and the Department's approved and attached Project/Program Statement scope of work requirements must be in writing, signed by duly authorized representatives of the parties, and shall be in such format and detail as the State may require. No Contract Modification may be entered into to compensate the Professional for correcting, or for responding to claims or litigation for, the Professional firm's final design Contract Documents/architectural and engineering design errors, omissions, or neglect on the part of the Professional.

ARTICLE I PROFESSIONAL SERVICES SCOPE OF WORK

The Professional shall provide all professional services, technical staff, and support personnel necessary to achieve the Project as described in its Project/Program Statement, in the best interest of the State, and be within the Professional's fee(s) herein authorized by the State. Assigned project services shall comprise, without exception, every professional discipline and expertise necessary to meet all the requirements as described in the Project/Program Statement and be in accordance with the accepted industry standards for professional practice and services. The Professional's services include attendance at all Project related meetings and conferences. Professional services for the assigned projects under this contract shall be provided in the Phase/Task sequence shown below and shall be rendered in accordance with the Professional's proposed and approved Project Study, Design, and Proposed Construction Schedule. The Professional's study, design and proposed construction schedule shall be detailed, undated, and time sequence related for all Phase/Task services appropriate for the Project. The Professional shall field-check and verify the accuracy of all study/drawing and any data furnished by the Department, the State/Client Agency or any other Project related source. The Professional shall not employ or consult with any firms in completing the Professional's obligations herein who it anticipates will be a construction Bidder for the Project or any part thereof, unless specifically authorized, in writing, by the Department. The Professional acknowledges that the Department is the first interpreter of the Professional's performance under this Contract.

The Professional acknowledges by signing this Professional Services Contract having a clear understanding of the requested Project and of the professional study, design and construction administration services required by the Department to provide it, and further agrees that the terms and conditions of this Professional Services Contract provide adequate professional fee(s) for the Professional to provide the requested Project scope of work requirements for each assigned project. No increase in fee to the Professional will be allowed unless there is a material change made to the Project as described in its Project/Program Statement and the change in scope to the Project/Program Statement is accepted and approved in writing, by the Project Director and the Professional. Professional services shall not be performed, and no Project expenses shall be incurred by the Professional prior to the issuance of a written and signed Professional Services Contract and a Contract Order authorizing the Professional to start the Project work. Compensation for Department directed changes to the Project will be provided to the Professional by a Contract Modification and/or Contract Change Order signed by the Department and the Professional. The preparation of Bulletins and Contract Change Orders resulting from increases in the Project scope of work or previously unknown on-site field conditions will be compensated to the Professional, as approved by the Project Director, on an hourly billing rate basis in accordance with this article. This compensation shall not exceed seven and half percent (7.5%) of the Construction Contractor's quotation for the Bulletin or Contract Change Order or an amount mutually agreed upon by the Professional and the Project Director.

The Professional shall immediately inform the Department whenever it is indicated that the Professional's authorized not-to-exceed Budget for any of the assigned Projects may be exceeded. The Professional shall make recommendations to the Department for revisions to bring the Project Cost back to the Professional's original authorized Budget amount. Any revision to the Project must be accepted and approved by the Department in writing.

The professional services may also include participation in legislative presentations as described in the "Major Project Design Manual for Professional Services Contractors and State/Client Agencies" and as the legislature or the Department may prescribe.

No substitution of any "Key Principal Personnel/Employee" essential for the successful completion of the Project and identified in the Professional's Organizational Chart will be allowed by the Professional for this Contract without the prior written consent from the Project Director. Before any "Key Principal Personnel/Employee" substitution takes place, the Professional shall submit a written request to the Project Director, and this substitution request shall include the following information: (1) A request in writing for a No Cost Contract Modification; (2) Detailed written justification for this substitution; (3) The Professional's qualifications of any proposed "Key Principal Personnel/Employee" replacement; and (4) A written statement from the Professional assuring the Department that the Project scope of work will not be adversely affected by this substitution. This request to modify their Professional Services Contract must be accepted and approved in writing by the Project Director and the Director of the Department. The Department will designate an individual to serve as the Project Director for the Project scope of work who shall be fully acquainted with the Project/Program Statement and have the authority to render Project decisions and furnish information promptly. Except in connection with issues under the Article XII - Contract Claims and Disputes text, the Project Director will exercise general management and administration for the Professional's services in so far as they affect the interest of the State. The Professional shall indemnify, defend, and hold harmless the State against exposure to claims arising from delays, negligence, or delinquencies by the Professional for the professional services of this Contract.

During the construction administration services of the Project, the Professional shall be required to complete and submit, the on-site Inspection record form titled "DTMB-0452, The Professional's Inspection Record" for all on-site Inspection visits to the Project site. The Professional's Inspection Record shall be completed and signed by the Professional and submitted monthly, with the original document sent to the Project Director and copies sent to the State/Client Agency and Construction Contractor. The Professional's Inspection Record shall accompany the Professional's monthly submitted payment request.

The "DTMB-0460, Project Procedures" documents package containing Department forms for use during construction administration shall be used by the Professional in the administration of this Contract. All professional services will be consistent with the Department's current "Major Project Design Manual for Professional Services Contractors and State/Client Agencies" unless otherwise approved in writing by the Department.

The professional services required for each Phase of this Contract shall be performed by the Prime Professional and their Consultants in accordance with service descriptions in this article. The following service descriptions outlined in this Contract represents the Department's standard of care method for describing the Professional's responsibilities for providing the professional services of this Contract, but by inclusion, or omission, do not limit or exclude any regular or normal professional services necessary to accomplish the Project and be in accordance with the approved Project Budget and the industries accepted practice and standards for professional services. However, all the services outlined in this Contract may or may not be applicable to the Project/Program Statement and will require the Professional to identify only the services that are applicable for the Project at hand. The Professional shall determine and coordinate the interface of the services required for the Project at hand and be responsible for identifying any additional services necessary to successfully complete their Project.

Soil Erosion and Sedimentation Control in the State of Michigan is regulated under the 1994 Public Act 451, as amended – The Natural Resources and Environmental Protection Act, Part 91 – Soil Erosion and Sedimentation Control. Soil Erosion and Sedimentation Control associated with this Contract will be monitored and enforced by the Department.

The professional services may also include participation in legislative presentations as described in the "Major Project Design Manual for Professional Services Contractors and State/Client Agencies" and as the legislature or the Department may prescribe.

The following professional services, if they become necessary and essential for completing the Project, will be individually rendered by the Professional, only upon specific written authorization by the Department and the Project Director to the Professional and for the purpose and to the extent so authorized.

Should litigation occur as a result of this Project, only if through no fault of the Professional, the Professional firm shall be compensated by the Department on an actual hourly billing rate basis at the rate set forth in this Contract by a Contract Modification and/or Contract Change Order, if required to assist the Department of Attorney General, State Affairs Division in providing the professional services necessary during litigation.

LITIGATION: The Professional shall provide all information, presentations, depositions, testimony as "expert witness", and similar or related services, on behalf of the Department, as may be required in relation to the professional services of the study, design and construction of this Project.

ACCOUNTING: The Professional shall provide all specialized categorizations and distributions of the costs of study, design and construction services, construction costs, and operational costs, as may be required according to purpose specific parameters.

PUBLIC AWARENESS: The Professional shall provide all design and construction related services to assist in and make presentations of the professional services of the study, design, construction and operational aspects of the Projects as may be required for public meetings, hearings, and similar informational activities.

PHASE 100 - STUDY PHASE

Provide a complete and comprehensive architectural and/or engineering study consistent with the Project/Program Statement, with itemized construction cost estimates.

Task 101 COORDINATION: Meet with the Project Team and define all areas of investigation. Establish Project Team responsibilities and lines of communications. Review the status of the study efforts with the Project Team at such frequency and times as may be required to achieve the Project objectives.

Present study documents to the State/Client Agency and the Department for their review at the 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications. Where essential or significant information is established or evaluated, and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

Task 102 RESEARCH: Gather and/or develop all data to evaluate and clarify the Project. Research existing data, analyze and refine the concepts of the Project/Program Statement. Through discussions with the Project Team, by interrogation and necessary counsel, establish, in requisite detail, the information required to complete the Study incorporating functional and operations needs of the State/Client Agency's respective program(s), as well as operational factors, maintenance, and other support features. Identify all additional research, studies, and analysis necessary to express such objectives and requirements in terms of a fully operable facility or system which will acceptably serve its intended use.

Task 103 ANALYSIS: Analyze data, information and research gathered. Create draft recommendations or results of the study and research. Upon completion of all on-site field investigation activities prepare a complete architectural and/or engineering study report. If appropriate, provide itemized construction cost estimates. The analysis will correlate, describe, and record research findings and information for the Project Team's understanding and acceptance. Transcribe and consolidate all existing data, studies, and the research analysis of Task 102 into a draft study report. Submit one (1) electronic copy in indexed PDF format of the draft study report to the Project Team at 50 percent and 90 percent completion review intervals and solicit review comments.

Task 110 STUDY REPORT: Incorporate the study review comments as directed by the Department into the final study report. Prepare and attend presentations to the Project Team and others for Study acceptance. The final report shall use the following outline and contain such detail as required for the Project Team's understanding and acceptance.

- A. Management Summary
- B. Problem
- C. Research Findings, Discussion and Details
- D. Conclusion
- E. Recommendation

Provide one reproducible original and an electronic copy suitable for legible reproduction. One study report presentation shall be considered basic services for this Task. Any additional study report presentations requested by the Department will be considered extra professional services and the additional study costs will be paid to the Professional by the Department with a Contract Change Order.

PHASE 200 - PROGRAM

Amplify the Project/Program Statement and, if available, final Study Report, to embody the physical, functional, and programmatic relationships required to achieve the Project objectives. The resultant program analysis, when accepted and approved by the Department, shall create the general scope of work of the Project. Such acceptance does not limit subsequent inclusion of minor, but essential, programmatic or design details whose necessity and arrangement may best become apparent during subsequent Phases of the Project's evolution.

Task 201 COORDINATION: Meet with the Project Team and establish lines of communication, authority, and responsibility. Establish a method for the Department and the State/Client Agency to formally sign off on data input, the program analysis, and appropriate elements of the resultant design.

Present proposed program analysis documents to the Project Team for review at the 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications.

Where essential or significant information is established or evaluated, and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

Task 202 PROGRAMMING: Identify and develop data to evaluate and clarify the proposed Project. Through discussions with the Project Team, by interrogation and necessary counsel, establish, in requisite detail, the functional and operational needs of the State/Client Agency's respective program(s), as well as operational factors, maintenance and other support features. Allocation of spaces shall be in accordance with the State of Michigan's current "Capital Outlay Design Manual for State Universities, Community Colleges, State Agencies and Professional Service Contractors" and be consistent with the Project/Program Statement and Project Budget. Provide all additional research, studies, and program analysis necessary identify the objectives and requirements for a fully operable Project acceptably serving its intended use.

Task 203 DEVELOPMENT: Transcribe and consolidate all data, studies and the analysis of Task 202 into a program analysis summarizing the complete program for the project, including spaces, physical features, systems, functions, capacities, relationships, and interactions required by the proposed Project. Revise the proposed program as required to achieve the Project objectives and incorporate review comments by the Project Team. Obtain approval and sign-off of space allocations from the Project Director before providing the space allocations to the State/Client Agency for approval and sign-off of the complete program.

Task 209 PROJECT COST ESTIMATE: Provide an itemized cost estimate of the proposed Project program. Verify in writing that the Project Budget is adequate to achieve the proposed Project. Revise the program analysis documents as necessary to provide an acceptable program analysis design within the Department's authorized Project Budget.

Task 210 PROGRAM ANALYSIS REPORT: Prepare a draft program analysis report containing the program, cost estimate, signoffs and backup data and information. Submit one (1) electronic copy in indexed PDF format of the draft study report to the Project Team at 50 percent and 90 percent completion review intervals and solicit review comments. Incorporate review comments as directed by the Department into the proposed final program analysis report. Provide one reproducible original and an electronic copy suitable for legible reproduction. One program analysis report presentation shall be considered basic services for this Task. Any additional program analysis report presentations requested by the Department will be considered extra professional services and the additional study costs will be paid to the Professional by the Department with a Contract Change Order.

PHASE 300 - SCHEMATIC DESIGN

Prepare progressive schematic design deliverables consistent with the Project/Program Statement, and approved program (if applicable). Diagrammatically depict the area(s) and relationship of the Project functions. Establish the design basis for and show principal building design elements and locations of the various structural, mechanical, heating, ventilating, and air conditioning (HVAC), electrical and other systems as necessary to completely achieve the Project. The Professional shall obtain Professional Consultant firms for civil/site survey, site geotechnical investigation analysis and soil testing as the Professional deems necessary to achieve a viable and economic Project design. Revise design as necessary to obtain approval from the Department and the State/Client Agency.

Task 301 COORDINATION: Meet with the Project Team to establish a physical size and arrangement of the Project and its principal systems. Include technical, human, and physical environment requirements consistent with the Project program as well as the functional interrelationships between spaces or systems. Determine any Project requirements as necessary to accommodate artwork.

Where the Project involves work in an existing building, site, and/or utility system, identify and locate by scaled graphic diagram, any building and/or site utility areas that may have potential hazardous material contamination and may require testing, abatement and/or removal by the Department, prior to the renovation and/or during the new construction work of the Project.

Identify and define, in writing, the impact of the proposed Project schematic design on the existing building or facility operations. Assist the Department in determining and resolving any Project requirements for maintaining the current operation of the existing building facility spaces or systems and site utility areas, including as a minimum, the impact of hazardous waste removal, and the associated necessary demolition and repair of the adjoining work.

Hazardous material testing and removal will be performed by the Department by separate Contract using other professional firms. See Task 512 - Hazardous Materials, for text defining the Professional's responsibility for assisting the Department with these materials.

Progressively review, with the Project Team, the development of the schematic design documents and assist in obtaining data and providing timely decisions. Present proposed schematic design documents for review to the State/Client Agency and the Department at 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications. Where essential or significant information is established or evaluated, and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

Task 302 CONSTRUCTION CODE AND DESIGN REVIEWS: Identify, list, and define for the Department, in writing, the impact of all applicable construction codes, rules, regulations, environmental requirements, design reviews, and permitting procedures current as of the start of this schematic design Phase that will apply to the design of the proposed Project. Review with the Project Team the principal impacts on Project planning and incorporate these into the schematic design report and the Project cost/proposed construction schedule of Task 309.

Task 303 CIVIL/SITE STAGING INVESTIGATION: The Professional shall retain a civil/site survey Consultant and a site geotechnical testing Consultant and coordinate their proposed architectural and/or engineering services and prepare the site staging investigation survey instructions program(s) required to establish and execute a complete schematic site design appropriate to the Project/Program Statement. Analyze site staging investigation results and incorporate into the schematic site design. Coordinate a site-specific testing program to identify and/or confirm the Project site underground conditions and accurately specify contractual requirements. This includes, but is not limited to, access, traffic control, demolition, Soil Erosion and Sedimentation Control, engineered fill, utilities, removal of obstructions/contaminations, borrow and spoil areas, bracing, shoring, waterproofing, dewatering, dredging, and similar work. Provide the Department with copies of all site investigation geotechnical test reports. Review conclusions and, upon request, explain their influence on the Project schematic design. Define the impact of the Project on adjacent buildings.

Task 304 STRUCTURAL: Research, survey, define, and render all existing structural systems appropriate to the proposed Project. Show facility layout, applicable area floor loadings and basic elevations. Outline any existing principal structural system members and render and show the proposed structural system schematic design for renovations and additions.

Task 305 MECHANICAL/HVAC/PLUMBING/UTILITIES: Research survey, define and render the schematic design basis for all proposed mechanical, plumbing systems, and utility systems appropriate to the Project. This includes but is not limited to all plumbing, HVAC, and other mechanical systems, equipment, and their respective loads. Define and render the schematic design capacities, sources, flows, and functions of all existing and/or proposed utility systems, including but not limited to steam, water, fuel, storm and sanitary sewers, and fire protection. Field-check and verify accessibility and space for all equipment on the proposed schematic design drawings. Confirm, in writing, to the Department, the availability of utility capacities at current or proposed connections. Contact applicable utilities for information on connections, connection permit requirements, fees, and schedules.

Task 306 ELECTRICAL: Research, survey, define and render the schematic design basis for all proposed electrical systems appropriate to the Project.

This may include, but is not limited to utility service systems, primary and secondary distribution systems, building control systems, security systems, elevators, fire alarms, television, data, communications, and similar systems. Define sources, equipment capacities, and loads, including those for open office workstation/partitioning systems. Field-check and verify accessibility and space for all equipment on the proposed schematic design drawings. Confirm, in writing, to the Department, the availability of utility capacities at current or proposed connections. Contact applicable utilities for information on connections, connection permit requirements, required easements, transformers, fees, and schedules.

Task 307 ARCHITECTURAL/ENGINEERING: Research, survey, define, and render the existing and proposed schematic design architectural and/or engineering building area layout appropriate to the Project/Program Statement. Show proposed applicable area/room space, finish treatment, uses, interrelationships, and principal building sections, elevations, and dimensions. Show principal building fire protection spaces and features. Consider sustainability in material, equipment, systems, and general design selections, provide LEED checklist, as applicable.

Task 308 DRAFTING: Prepare and render proposed schematic design documents appropriate to the Project, on sheet size approved by the Project Director. Include all principal building/site utility systems. Coordinate the Project schematic design with all architectural and/or engineering design disciplines for completeness, accuracy and consistency, and conflict avoidance. The Professional shall field-check and verify the accuracy of all existing and proposed architectural and/or engineering drawings and any data furnished by the Department, the State/Client Agency or any other Project related source.

Task 309 PROJECT COST/PROPOSED CONSTRUCTION SCHEDULE: Evaluate the proposed schematic design against the estimated Project cost and design/construction schedule. Revise schematic design as required to produce a design within the Department's approved Budget. Prepare and submit a Project Budget based on the approved schematic design. Apply critical target dates to the Professional's Project Study, Design and Proposed Construction Schedule and submit to the Department for their review and approval.

Task 310 SCHEMATIC DESIGN REVIEW: Prepare, reproduce, submit, and make presentations and revisions of the schematic design planning documents. Present proposed documents for the Project Team review at the 50 percent and 90 percent completion intervals and solicit review comments. Revise proposed schematic design documents, as necessary, to incorporate all requested design review comments. Obtain Department approval and sign-off prior to State/Client Agency sign-off, when requested by Project Director. Where legislative review is required, provide an additional one (1) electronic copy in PDF format of the Department approved proposed schematic design documents to the Department for distribution to the Joint Capital Outlay Subcommittee, in the format of the "Capital Outlay Design Manual for State Universities, Community Colleges, State Agencies, and Professional Service Contractors".

Provide one (1) schematic design presentation to the Project Team for this Task. Any additional schematic design presentations requested by the Department will be considered extra professional services and the additional schematic design costs will be paid to the Professional by the Department with a Contract Change Order.

If Contract Services conclude with this Phase, provide bond prints and an indexed PDF of architectural and/or engineering drawings of the final approved schematic design, suitable for legible reproduction.

PHASE 400 - PRELIMINARY DESIGN

Prepare progressive preliminary design documents to develop the Project based on the Project/Program Statement, and the approved schematic design and program, if applicable. Refine the schematic design documents as necessary to produce an acceptable preliminary design. The preliminary design and outline draft specification shall be complete and detailed enough to define the size, function, arrangements, spaces, location and operations of equipment, and materials comprising the principal design details of structures and systems. The proposed preliminary design documents and outline draft specifications shall clearly depict the Professional's proposed design intent of the Project's systems, materials, equipment, utilities, site improvements, and other elements through single-line diagrams, system layout drawings and developed plans and design details. The preliminary design thus achieved must constitute the complete basis for further detail into final design drawings.

Prepare in bar chart format, the proposed Project construction schedule. Prepare a complete estimated Project cost statement based on prevailing or predictable factors for the proposed construction bidding period. The Department's written acceptance of the estimated project cost statement will establish the authorized Budget for the Project. The Professional shall apply the means and methods necessary to achieve the proposed preliminary design within the authorized Budget for the Project.

Task 401 COORDINATION: Meet with the Project Team to review the Project/Program Statement, approved schematic design documents (if applicable), and refine the Project. Assist the Project Team to progressively review the proposed preliminary design, develop input, and provide timely decisions.

Where the Project involves work in an existing building, site, and/or utility system, identify and locate by scaled graphic diagram, any building and/or site utility areas that may have potential hazardous material contamination and may require testing, abatement, and/or removal by the Department, prior to the renovation and/or during the new construction work of the Project. Identify and define, in writing, the impact of the proposed Project schematic design on the existing building or facility operations. Assist the Department in determining and resolving any Project requirements for maintaining the current operation of the existing building facility spaces or systems and site utility areas, including as a minimum, the impact of hazardous waste removal, and the associated necessary demolition and repair of the adjoining work.

Hazardous material testing and removal will be performed by the Department by separate Contract using other professional firms. See Task 512 - Hazardous Materials, for text defining the Professional's responsibility for assisting the Department with these materials.

Progressively review, with the Project Team, the development of the preliminary design documents and assist in obtaining data and providing timely decisions. Incorporate design refinements consistent with the proposed Project scope. Establish equipment and/or materials to be furnished by the State. Present proposed preliminary design documents for review to the State/Client Agency and the Department at 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications. Where essential or significant information is established or evaluated, and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

Task 402 SPECIFICATIONS: Prepare proposed preliminary design outline draft specifications for Divisions 00 through 49, in the current version of the Master Format Outline by the Construction Specifications Institute (C.S.I.), as appropriate for the defined Project. Outline specifications will address sustainable design in materials selection.

Task 403 CIVIL/SITE STAGING DESIGN/INVESTIGATION: If the Professional did not obtain a site specific geotechnical testing program for this Project and advise the Department during the Schematic Design Phase, they shall retain a civil/site survey Consultant and a geotechnical testing Consultant and coordinate their proposed architectural and/or engineering services to prepare and provide a preliminary geotechnical site investigation and site staging design as directly related to the Project.

Coordinate a site-specific testing program to identify and/or confirm the Project site underground conditions and to accurately specify the proposed construction contractual requirements. This includes, but is not limited to access, traffic control, demolition, Soil Erosion and Sedimentation Control, engineered fill, utilities, removal of obstructions/contaminations, borrow and spoil areas, bracing, shoring, waterproofing, dewatering, dredging, and similar work. Determine and prepare a list of required civil/site drawings as related to the Project. Illustrate and coordinate any off-site work necessary for a completely functioning Project. Revise as required.

Task 404 STRUCTURAL: Prepare structural calculations appropriate to the proposed Project and size major components. Prepare preliminary structural plans, sections, elevations, and details drawings, as applicable for the defined scope of work. Determine and prepare a list of required preliminary structural drawings as related to the proposed Project. Revise as required.

- Task 405 MECHANICAL/HVAC/PLUMBING/UTILITIES: Identify existing mechanical/heating, ventilating, and air conditioning equipment, plumbing systems, and utility systems. Calculate heat loss, heat gain, and other demands for all spaces. Determine ventilation requirements. Calculate total loads, identify, and size new equipment. Identify and/or calculate total utility loads. Include the needs of any existing building or system that is a part of, or interfaces with the Project, as well as those of the Project. Provide basic engineering design appropriate for all principal building components, utility systems and building systems, and all pre-engineered equipment suitable and appropriate for the proposed Project. Field-check and verify clearances for all proposed equipment and systems proposed. Prepare preliminary HVAC, plumbing, and utility drawings. Determine and prepare a list of required preliminary design drawings as related to the proposed Project. Review current, mechanical, plumbing and utility system codes and incorporate applicable requirements. Revise as required. Secure in writing, the approval of capacities and connections for the Project from the appropriate utilities/suppliers.
- Task 406 ELECTRICAL: Identify existing equipment and systems. Prepare load calculations, including electric loads for fixed, and movable, equipment, as appropriate to the defined Project. Determine electric service requirements and size major transformer and service equipment. Provide single line diagrams of primary service and distribution systems. Develop and outline basic equipment and distribution systems for lighting, power, building control, elevators, fire, security, television, data, communications, and other specialized systems of the Project. Coordinate design to incorporate design requirements for any open office workstation/partitioning systems.
- Field-check and verify clearances for all proposed equipment and design systems proposed. Prepare preliminary electrical drawings. Determine and prepare a list of required preliminary design electrical drawings as related to the proposed Project. Review current electrical codes and incorporate all applicable requirements. Revise as required. Secure in writing, the approval of capacities and connections for the Project from the appropriate utility/suppliers.
- Task 407 ARCHITECTURAL/ENGINEERING: Prepare preliminary architectural and/or engineering drawings, appropriate to the proposed Project, to detail and define the Project. Coordinate design to incorporate design requirements for any open office workstation/partitioning systems. Determine and prepare a list of required preliminary design architectural and/or engineering drawings. Drawings will include plans, elevations, sections, and critical construction details in order that an accurate and detailed construction estimate can be provided. Depict sustainable design criteria and energy efficient design features of the Project, provide LEED Checklist, and provide summary calculations to demonstrate applicable compliance with the State of Michigan's current Energy Code requirements. Revise as required.
- Task 408 DRAFTING: Prepare and render the preliminary design architectural and/or engineering documents on sheet size approved by Project Director. Coordinate the preliminary design with related architectural and/or engineering design disciplines for completeness, accuracy and consistency and conflict avoidance. Prepare drawings using applicable State of Michigan standards as defined in the Department's "Capital Outlay Design Manual for State Universities, Community Colleges, State Agencies, and Professional Service Contractors" and DTMB DCD "Design and Construction Standards for Office Construction and Tenant Fit out" for all Project design disciplines. The Professional shall field-check and verify the accuracy of all existing and proposed drawings and any data furnished by the Department, the State/Client Agency, or any other Project related source.
- Task 409 COST ESTIMATE AND CONSTRUCTION SCHEDULE: Prepare an itemized Project construction cost estimate based on prevailing or reasonably predictable factors for the proposed bidding period. Recommend construction strategies, methods, and phasing. Identify long-lead items and any State of Michigan-furnished materials, equipment, systems, and furnishings, with procurement deadlines consistent with the proposed schedule and phasing. Prepare in bar chart format a detailed schedule of the design and proposed bidding and construction schedule, incorporating the information listed above.
- Task 410 PRELIMINARY DESIGN REVIEW: Prepare, reproduce, submit, and make presentations and revisions of the schematic design planning documents. Present proposed documents for the Project Team review at the 50 percent and 90 percent completion intervals and solicit review comments. Revise proposed preliminary design documents, as necessary, to incorporate all requested design review comments.

With the 50 percent review, provide design criteria and calculations of principal architectural, mechanical, plumbing, and electrical engineering systems demonstrating basic compliance with the State of Michigan's current Energy Code requirements.

For each review, present proposed preliminary design documents first to the State/Client Agency for programmatic design conformance review, then present to the Department for review, determination of required revisions, and acceptance. Revise proposed preliminary design documents, as necessary, to incorporate all requested design review comments required for the Department's written acceptance of the proposed Project preliminary design.

Where legislative review is required, provide an additional one (1) electronic copy in PDF format of the approved proposed preliminary design documents to the Department for distribution to the Joint Capital Outlay Subcommittee, in the format of the "Capital Outlay Design Manual for State Universities, Community Colleges, State Agencies, and Professional Service Contractors". Provide one (1) schematic design presentation to the Project Team for this Task. Any additional schematic design presentations requested by the Department will be considered extra professional services and the additional preliminary design costs will be paid to the Professional by the Department with a Contract Change Order. If Contract Services conclude with this Phase, provide bond prints, electronic CAD, and indexed PDF of architectural and/or engineering drawings of the final approved schematic design and outline specifications suitable for legible reproduction.

PHASE 500 - FINAL DESIGN

Prepare for progressive, periodic review, Final Design Documents which shall revise, refine, amplify, and depict, in detail, the Project as described and required by the Project/Program Statement and any approved preliminary design. Final Design Documents shall be prepared in Phases/Bid packages appropriate to the Project, schedule, and funding.

The proposed Final Design Documents shall document a complete and constructible Project. Final Design Documents shall incorporate and comply with all current, applicable regulations, ordinances, construction codes and statutes, and must have accomplished all reviews by appropriate federal, State or any local authorities having jurisdiction before presentation to the Department for acceptance and advertisement for bidding. Where design approvals are required, the Professional shall acquire and provide them. The Final Design Documents shall be without ambiguity and must be so complete that no significant design decision is left to the discretion of any Bidder, manufacturer, or supplier. The Final Design Documents will not define, quantify, or in any other way represent any work as being assignable to, or to be performed by, any Consultant or sub-consultant, except for fire suppression systems or other specialized system(s) provided that it is specifically authorized, in writing, by the department.

Bidding Documents shall consist of, but are not limited to, the Final Design Documents, including final architectural and/or engineering drawings and specifications, special, general, and supplemental conditions of the Construction Contract, and modifications, if any, to MICHSPEC or DCSpec documents provided by the Department. Such standard documents may consist of, but are not limited to, the project advertisement, the Instructions to Bidders, the proposal forms, general, supplemental, and any special conditions of the Construction Contract, and the standard form of agreement between the Department and the Construction Contractor. The Professional may not substitute any other special, general, and supplemental conditions for the Construction Contract or other standard documents provided by the Department. The Professional may not revise, other than the fillable portions of the general conditions, or use any additional general condition requirements unless the revisions or requirements are accepted and approved by the Department in writing.

In addition to the requirements herein, the professional services for this Project shall include, but are not limited to, those set forth in the current version of MICHSPEC or the current DCSPEC as adopted and modified by the State of Michigan and incorporated into the Construction Contract, plus such other Department standard documents and general conditions as may be part of the Construction Contract.

The Contract Documents shall consist of the Bidding Documents and all Addenda and attachments necessary to provide a complete Construction Contract for the Project.

Task 501 COORDINATION: Review approved preliminary design drawings with the Project Team and solicit revisions. Incorporate any revisions and design refinements.

Present proposed final design documents to the State/Client Agency and the Department for their review at the 50 percent and 90 percent completion intervals and at such other times as the Department deems necessary to completely develop and monitor the Project.

Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications.

Where essential or significant information is established or evaluated, and/or critical decisions are made, whether in meetings, conversation, or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting.

Task 502

SPECIFICATIONS: Prepare final design specifications in the format defined below and with Phasing as appropriate for the Project. Include a schedule of all required submittals, a construction material testing schedule, and all other necessary schedules. Specifications shall be coordinated with the final design architectural and/or engineering drawings and shall be prepared in the current version of the Master Format Outline by the Construction Specifications Institute (C.S.I.). The final design architectural and/or engineering specifications shall clearly define the Project design and construction requirements indicating the type and quality of materials, products, and workmanship.

Sustainable Design shall be used wherever possible by the Professional in their Project design. The United States Green Building Council's (USGBC) LEED Green Building Rating System will be used as a convenient and industry accepted standard of reporting and measurement of the materials and design strategies used in the Project, but the USGBC certificate will not be required. Sustainable Design is defined in this Contract as the Professional's use of Project design resources with no negative impact to the natural ecosystems, an emphasis on overall energy efficiency, recycling, reduction of waste, and achieving a net enhancement of the Project.

Performance specifications shall be used when feasible. If not, the Professional shall name at least three (3) acceptable materials, products or systems and the specifications shall contain an "or equal" clause. Whenever possible, recycled materials and/or Michigan-manufactured products shall be named and given first preference. Proprietary specifications or allowances may be permitted with the Department's acceptance and written approval, but only for special, unavoidable conditions. Provide Project specifications to the Department for procurement of items to be pre-purchased through existing State contracts or separate bids.

Task 503

CIVIL/SITE STAGING DESIGN: If the Professional did not obtain a site-specific geotechnical testing program for this Project and advise the Department during the Schematic Design Phase, they shall retain a civil/site survey Consultant and a geotechnical testing Consultant and coordinate their proposed architectural and/or engineering services to prepare and provide a preliminary geotechnical site investigation and site staging design as directly related to the Project. Coordinate a site-specific testing program to identify and/or confirm the Project site underground conditions and to accurately specify the proposed construction contractual requirements. This includes, but is not limited to access, traffic control, demolition, Soil Erosion and Sedimentation Control, engineered fill, utilities, removal of obstructions/contaminations, borrow and spoil areas, bracing, shoring, waterproofing, dewatering, dredging, and similar work. Determine and prepare a list of required civil/site drawings as related to the Project. Illustrate and coordinate any off-site work necessary for a completely functioning Project. Revise as required.

Soil Erosion and Sedimentation Control shall be implemented in accordance with the current edition of the Department's compliance manual and 1994 PA 451, as amended – The Natural Resources Environmental Protection Act, Part 91 – Soil Erosion and Sedimentation Control. Submit final civil/site design drawings depicting Soil Erosion and Sedimentation Control measures to the Department's Soil Erosion and Sedimentation Control Program for review in accordance with 1994 PA 451, as amended. For DTMB managed projects, coordinate review submission with Project Director as plan review is completed within the Design and Construction Division.

Task 504

STRUCTURAL: Prepare and render complete structural final design documents.

- Task 505 MECHANICAL/HVAC/PLUMBING/UTILITIES: Prepare and render complete mechanical, plumbing, and utility system final design documents.
- Task 506 ELECTRICAL: Prepare and render complete electrical system final design documents.
- Task 507 ARCHITECTURAL/ENGINEERING: Prepare and render complete architectural and/or engineering final design documents. Assist the Department in the determination of and specification of furnishings, colors, and finish selections. Provide material finish and color board for final acceptance as required for the defined Project.
- Task 508 DRAFTING: Prepare complete final design architectural and/or engineering drawings for Bidding Documents on sheet size approved by Project Director using applicable State of Michigan standards as defined in the "Capital Outlay Design Manual for State Universities, Community Colleges, State Agencies and Professional Services Contractors." The Professional shall field-check and verify the accuracy of all existing and proposed drawings and any data furnished by the Department, the State/Client Agency or any other Project related source.
- The Project Bidding Documents derived from the Final Design drawings shall be made available and converted if necessary, to the AutoCAD computer drafting system. Bidding Documents shall be provided electronically in pdf format to the Department for advertisement by the Department.
- Provide one electronic copy of signed and sealed documents in addition to paper review and approval sets of the Contract Documents. The signed and sealed print sets are the controlling Contract Documents for this Project. The software name and release number used to produce the Design Contract drawings will be clearly identified on the electronic media.
- Task 509 CHECKING CONTRACT DOCUMENTS: Check and coordinate all proposed Bidding and Contract Documents for completeness and accuracy. Prepare Bidding and Contract Documents that will protect the Department from unexpected construction cost increases, schedule delays or claims for reason of defective or incomplete rendering of the Professional's design, or for any delinquency by the Professional for performance of the professional design services under this Contract. Check the adequacy of all spaces and clearances.
- Cross-check and coordinate the requirements of all proposed final design drawings between the architectural and/or engineering design disciplines for completeness, accuracy, and consistency, and conflict avoidance. Similarly, cross-check and coordinate all proposed final design drawings against the Project specifications. Mark each drawing with the name of the checker and with the written signature approval of the appropriate Professional "Key Principal Personnel/Employee."
- Task 510 CONSTRUCTION CODES AND PERMITS: The Professional's Contract Documents shall comply with the State of Michigan Construction Code, 1972 PA 230, as amended, the State of Michigan Energy Code, the Americans with Disabilities Act (ADA) Accessibility Guide requirements, the State of Michigan Barrier-Free Access Code requirements, and all Project related construction code requirements in effect at the time of award of this Contract. Assist the Department in obtaining approval of the Project and its design by appropriate governmental regulating and/or code enforcement authorities.
- Project Bidding Documents may not be advertised until plan review approval is obtained.
- Except as otherwise provided for in this Contract, code compliance and plan review approval(s) shall be performed by the, the Department of Licensing and Regulatory Affairs, Bureau of Construction Codes, Plan Review Division, and the Bureau of Fire Services. Code compliance and plan review approval fees shall be paid by the Professional as a reimbursable expense, unless otherwise provided for. Submit all modeling, testing, design data, and appropriate drawings and applications for all permits, tests, and approvals, which the Department is required to secure as a prerequisite authorization for the Project's approval. Submit Soil Erosion and Sedimentation Control plans/drawings to the Department's Soil Erosion and Sedimentation Control Program as the enforcing authority for this Project, no later than at the 90 percent final design stage.
- Provide energy efficient design features and summary calculations to demonstrate Project compliance with the State of Michigan Sustainability requirements.

Submit documents for review in a timely manner allowing appropriate time for review/permitting processes by respective authorities, such that the Project schedule is not unnecessarily delayed. Assist the State/Client Agency to secure any appropriate construction code waivers.

Incorporate all required modifications into the Bidding Documents. Follow through to ensure issuance of the construction codes and permits approvals. Secure all required design approvals before submitting the final design documents to the Project Team for the final design document review of Task 515.

Any approval secured in initial plan review and permitting does not relieve the Professional from complying with code official's construction field inspections enforcement requirements.

Task 511 CONSTRUCTION TESTING PROGRAM: Coordinate Project on-site survey and appropriate research to identify site specific abnormal construction conditions. Coordinate site specific geotechnical testing program of areas, consistent with the design and siting requirements. Identify and confirm the site underground conditions sufficiently to accurately specify the construction contractual requirements. Establish the required construction quality control and materials testing program. Define and specify the types of Project construction tests required, the approximate quantities to be tested and the projected cost thereof. Prepare quality control and material testing services program Bidding Documents for the construction quality control and material testing services. Testing services shall be estimated and identified as an authorized reimbursable expense item in this Contract.

Task 512 HAZARDOUS MATERIALS: Where the Project involves work in an existing building and/or utility system, assist the Department to determine the scope of potential hazardous materials contamination that may require testing, abatement and/or removal by the Department, prior to the renovation and/or during the new construction work of the Project. Hazardous materials testing and removal for this Project will be performed by the Department by separate Contract unless specifically noted in the project scope. Coordinate the professional design services of this Contract with any hazardous material removal services required to implement this Project. Include for the Department's use, architectural and/or engineering drawings and specifications for all restoration work necessary following completion of the removal/abatement Project. Revise the final design drawings, specifications, and schedule, if necessary, to reflect the impact of the hazardous material removal/abatement on the existing State/Client Agency facility operations.

Task 513 DESIGN AND CONSTRUCTION BUDGET: The Professional shall be responsible for all costs incurred by it, necessitated by for rebidding a Project if it is over Budget due to their design. Submit in writing the itemized estimate of the construction costs with each final design review. Include all construction Bid packaging and Phasing. Determine the amount and adequacy of any construction contingency. Upon submittal of the 90 percent complete final design documents, confirm an accurate itemized construction cost estimate in writing to the Department. Confirm that the total Project construction cost is estimated to be within the Project Budget.

Notify the Department in writing if it becomes evident during the final design phase that the Project cannot be constructed within the Professional's estimated construction Budget. Unless the Department determines the problem to be outside the control or responsibility of the Professional, the Professional shall revise their final design drawings and specifications to produce a complete design for the Project within the Professional's original estimated construction Budget cost and will otherwise be responsible for any costs incurred by the Department in rebidding the Project.

Assist the Department to rebid the Project in accordance with the Task 516 construction bidding/contracting procedures.

Task 514 CONSTRUCTION SCHEDULE: Determine the appropriate proposed construction schedule to be part of the Construction Contract. Consider all principal influencing factors, including, but not limited to, current and projected material delivery times, local labor contract periods, and other historical principal causes of delays.

Task 515 FINAL DESIGN BIDDING DOCUMENTS REVIEW: Provide complete final design documents review. When the final design is 50 percent complete, submit the final design documents to the Project team for their review. If the final design appears to exceed the Project Budget, review with the Department all cost reduction design options. Incorporate at 90 percent completion, all required design modifications applicable to the Project, and resubmit to the Project Director. Confirm in writing that the requirements of Tasks 509 and 510 have been met.

Submit 100 percent complete sets of Bidding Documents to the Project Team for their final review. Submit final design documents to the State/Client Agency and the Department for their final design review and revise as necessary to incorporate all review comments required for Department written acceptance of the Bidding Documents. Provide adequate time (minimum of 14 calendar days) for the reviews and implementation of any comments or modifications.

Task 516

CONSTRUCTION BIDDING AND CONTRACTING: Assist the Department in the construction bidding and contracting process. The State of Michigan will advertise for bids and issue construction documents on-line and award and hold the Construction Contract. Prepare (maximum of 6mb electronic PDF files) and distribute Bidding Documents to the Project Director as required to accommodate predetermined construction Bid packages and/or Phases. Conduct pre-bid meetings and issue pre-bid meeting minutes and bidder's lists. Issue Addenda to the Project Director as required for posting. Include in each Addendum complete specifications for the Project if such specifications are not part of the Bidding Documents.

The Professional will be compensated by the Department with a Contract Change Order for providing the professional services necessary to rebid the Project for reason of defaulted or disqualified construction Bidder(s) or unacceptable price range as required by the design and construction Budget text of Task 513.

The Professional's construction bidding and contracting procedure services for Task 516 are not complete until: (1) The responsive, responsible, best value construction Bidder's Bid has been selected and accepted by the Department; and (2) The responsive, responsible, best value construction Bidder's Construction Contract has been executed. The PSC is to also incorporate any State required preferences with their review and recommendation.

Construction Bid Evaluation and Recommendation of Construction Contract Awards: Review and evaluate the submitted construction Bids. Provide the Department with a written recommendation for the apparent lowest responsive, responsible, best value construction Bidder for the Project Construction Contract award(s) within five (5) business days of the date of the Department's construction Bid opening. Exempt from recommendation any firm that in the Professional's opinion is unqualified for the Project (documentation required) or that the Professional has a business association with on this Project, and any firm, that the Professional has used in preparation of the Contract Documents or for any estimating work related to the Project.

The Professional shall conduct pre-contract meetings with responsive, responsible best value construction Bidder(s) to review the following items: (1) Understanding of the design intent of the Contract Documents; and (2) To advise and assist the Construction Contractor(s) in understanding the requirements of the Department's standard form of Construction Contract Documents, Project scope of work, and its Construction Contract award procedures.

Unless otherwise designated in the Department's Notice of Intent to Award letter to the recommended Construction Contractor within fifteen (15) calendar days from the date that the Notice of Intent to Award letter was mailed to the Construction Contractor, the Construction Contractor recommended for the award of the Construction Contract shall (a) Fill out and execute the Department's, current version of MICHSPEC standard form documents Section 00500, Contract Agreement and the Section 00800, Supplementary Conditions, electronically; (b) Execute Section 00610, Performance Bond, and the Section 00620, Payment Bond (and attach to each bond a separate, certified copy of Power of Attorney); and (c) Return to the Department, the Construction Contractor's executed Section 00500, Contract Agreement, Section 00610, Performance Bond, and Section 00620, Payment Bond forms, evidence of Certificates of Insurance and any other legal documents required for submittal by the Department's, Notice of Intent to Award letter.

Task 517

FINAL DESIGN CORRECTION PROCEDURES: Correct at no additional cost to the Department any design errors or omissions and/or other Project related deficiencies identified during the 600 and 700 Construction Phase. All reproduction costs for design interpretations, clarifications, and Bulletins related to the Professional's final design errors or omissions and similar or avoidable costs shall be accounted as part of the Professional's calculated hourly billing rates.

Provide design clarifications and interpretations of the Contract Documents requirements necessary to: (1) Adequately describe the Project work; (2) Adapt architectural and/or engineering final design documents during construction to accommodate field conditions identified during construction; (3) Refine design details that are not feasible and identified during construction; and (4) Comply with current construction/building codes, and all other Project related design and construction matters as may be necessary to produce a complete Project.

Design Interpretations and Clarifications: For elements of construction having no change in cost to the State the Professional will: (1) Provide instructions, and/or design interpretations and clarifications for design details within five (5) business days of the Construction Contractor's request record same, in writing; and (2) Revise the Professional's original final design architectural and/or engineering drawings and specifications as appropriate to the Project. Marking and initialing of drawings is not an acceptable form of written instruction.

Bulletin Authorization: Request authorization from the Project Director to issue each individual Bulletin. The Professional's Bulletin Authorization request will: (1) Identify the problem requiring the change; (2) Describe clearly if such problem arises from the architectural and/or engineering final design errors or omissions; (3) Identify the anticipated design cost and the estimated construction cost to implement the change(s); and (4) Describe clearly in the Professional's opinion which part, if any, of the design and/or construction costs are the obligation of the State, the Professional or the Construction Contractor. Include a Contract Modification request for any work outside the Project. Identify any anticipated Project design or construction schedule implications.

Bulletins: All reproduction costs for design interpretations and clarifications and Bulletins related to the Professional's architectural and/or engineering final design errors or omissions and similar or avoidable costs shall be accounted as part of the Professional's calculated hourly billing rates.

Describe, by Bulletin, design revisions necessary to correct the architectural and/or engineering final design errors or omissions, to address previously unidentified on-site field design conditions, to reduce costs and for all other matters approved by the Department involving costs or credit to the State. Postponement of action on items to accumulate multi-item Bulletins is not permitted.

Prepare and issue Bulletins within ten (10) business days of receipt of the Department's authorization. Bulletins shall be in such form and detail as the Department may prescribe. The Professional shall incorporate all accepted Bulletin revisions or design interpretations into the appropriate originals of all applicable Contract Documents. Such revised drawings and specifications shall be issued as part of Bulletins. Each Bulletin shall prescribe a time schedule for the Construction Contractor's response. Provide one electronic copy of each Bulletin to the Department and distribute as the Department may direct.

Evaluate the Construction Contractor's price quotation(s) and review and attempt to negotiate with the Construction Contractor to provide the Department with costs that are consistent with the value of the Project Bulletin(s). Recommend appropriate action to the Department regarding the Construction Contractor's quotations within five (5) business days of receipt thereof.

PHASE 600 - CONSTRUCTION ADMINISTRATION - OFFICE SERVICES

During the construction Phase of this Project, the "DTMB-0460, Project Procedures" documents package shall be used by the Professional in the administration of this Contract.

The Professional shall use the "DTMB-0452, The Professional's Inspection Record" for all on-site Inspection visits to the Project site. The form shall be completed and signed by the Professional and compiled monthly with the original form document sent to the Department's, Project Director and a copy sent to the Construction Contractor. The on-site Inspection record standard document form shall be completed and accompany the Professional's monthly payment request.

The Professional shall provide all required construction administration services and timely professional and administrative initiatives as the circumstances of the Project construction may require in order to allow the design intent requirements of the Professional's Contract Documents to be successfully implemented into a completed Project through the Construction Contractor's completion of the Construction Contract work.

In observed cases which may involve danger to human life, immediate safety hazards to personnel, existing or impending damage to the Project, to State/Client Agency property or to other property; as may be impacted by the Project, the Professional shall inform the Construction Contractor(s) of the situation and their observations.

The Professional shall immediately record and report such situations to the Department and certify any accrued Project costs in writing. The Professional shall always have access to the Construction Contractor(s) work.

Establish and maintain effective construction administration office procedures, systems, and records to progressively, and exclusively, manage and control the Professional's obligations, commitments, achievements, and expenditures under this construction Phase administration.

Monitor the quality and progress of the Project construction Phase work. Maintain all necessary Project records, provide on-site visitation reports, and provide all administrative office action as may be necessary to inform the Construction Contractor(s), in writing, with respect to their compliance with the design intent of the Contract Documents.

Advise and assist the Department in taking all practical steps necessary to address and complete the Project in the event of performance delays or defaults by the Construction Contractor(s).

Task 601 COORDINATION: Coordinate the Professional's staff, Consultants, and all other Project related resources. Preside at all Project related meetings and prepare and distribute minutes of all meetings, reports of on-site visitations, correspondence, memoranda, telephone, and other conversations or communications. Where essential or significant information is established or evaluated, and/or critical decisions are made, whether in meetings, conversation or email correspondence, include that information or decisions in formal project correspondence and distribute copies to the Project Team within two (2) business days of the date of occurrence, or include such information and decisions in the immediately subsequent project meeting minutes. Meeting minutes shall be distributed within five (5) business days of the meeting. Meeting minutes and agendas are to follow the order and outline of the Departments "Sample Progress Meeting Format" and include a summary of executed CCO's, pending CCO's, Shop and RFI Submittal Logs and statuses.

Task 602 SHOP DRAWINGS, SUBMITTALS, and APPROVALS: Monitor, evaluate, and provide administrative action as necessary to achieve timely processing of shop drawings and such other submittals and approvals that are the responsibility of the Professional. Maintain a record of all required, received, rejected, and approved submittals of shop drawings, color/material samples, finishes, and other items requiring the Professional's approval. Notify the Construction Contractor(s), in writing, (copy to the Department) of delinquent submittals, the consequences of such delays, and prescribe a time schedule for their submittal/resubmittal, which will not jeopardize the Construction Contract completion date.

No design revisions will be made as part of the Professional's review and approval of shop drawings, or other submittals. In addition to all other functions, the Professional's approval of shop drawings shall verify the submittals furnished by the Construction Contractor(s) conforms to the design intent of the Professional's Contract Documents/architectural and/or engineering drawings and specifications requirements. Provide written approval or rejection of shop drawings within ten (10) business days of receipt in the Professional's office. Provide and distribute one electronic copy in PDF format of approved submittals as directed by the Department.

Task 603 PAYMENT PROCEDURES: Monitor, evaluate, and provide timely administrative action, as necessary, to certify or reject, as appropriate, and process the Construction Contractor's schedule of costs and monthly submitted payment requests. Review of Payment Requests are to be completed concurrently by the Professional and the Department's Field Representative in which the Professional is to then provide comments to the Contractor.

Payment by the State of Michigan to the Construction Contractor shall be based on the Construction Contractor's approved completion of Contract work performed prior to the date of each monthly submitted payment request. Payment to the Construction Contractor for each monthly submitted payment request invoice shall be made to the Construction Contractor within thirty (30) consecutive calendar days following the Department's receipt and approval of an approved payment request invoice from the Professional. Certification or rejection of all submitted payment requests will be made by the Professional, in writing, within ten (10) business days of receipt in the Professional's office.

The Professional shall certify to the Department, in writing, the dollar amount the Professional determines to be due to the Construction Contractor for their monthly submitted payment request or the Professional shall return the payment request to the Construction Contractor indicating the specific reasons in writing for rejecting the Construction Contractor's monthly submitted payment request certification.

Issue an appropriate certificate for payment only pursuant to a correctly prepared and accurate payment request and only for acceptable Project work. Payment certification shall constitute a written representation by the Professional, to the Department, that based on their Construction Administration on-site field Inspections, and the Professional's evaluations of field reports, test results, and other appropriate and available factors, the quantity and quality of Project work for which the payment request is certified has been accomplished by the Construction Contractor in accordance with the design intent of the Contract Documents and that the payment request is consistent with the quantity and quality of acceptable Project work in place, and that the acceptable materials are properly stored on-site and/or off-site.

No payment request certificate shall be submitted that requests payment for disputed Project work or any Project work showing deficient test results. No payment request certificate may be submitted after the Construction Contract completion date which does not provide for withholding of assessable and/or projected liquidated damages.

Pursuant to the Department's notification, the Professional's certification shall reduce from the amount earned, two (2) times the amount of any current prevailing wage rate payment deficiency, as certified by the Department of Licensing and Regulatory Affairs, Wage and Hour Division against the Construction Contractor or any Subcontractor or supplier thereof. Payment request rejections shall be accompanied with a written explanation and a copy shall be submitted to the Project Director and Department Field Representative.

Task 604

CONSTRUCTION SCHEDULE PROGRESS: Monitor, evaluate, and provide timely administrative action, as necessary, to determine whether the Construction Contractor's construction work schedule and progress appear to be adequate to achieve the Project on time and on schedule. Notify the Department, in writing, within three (3) business days of receipt of the Construction Contractor's proposed Project construction schedule, or amendments thereto, if in the Professional's opinion such construction schedule will produce the Project within the allotted Construction Contract completion time. Notify the Construction Contractor and the Department, in writing, if in the Professional's opinion such schedule should be accepted or rejected. Revise the construction schedule of Task 514 to show that the proposed on-site visitations of Tasks 703-706 are consistent with the actual events of the Project construction schedule. Give prompt, written notification to the Construction Contractor(s) and to the Department of inadequate construction schedule progress.

Unless the Department determines that the needs of the Project require other action the Professional shall proceed as follows: (1) Investigate at the time of occurrence, any areas of inadequate progress whose consequence may be a delay in, or increased cost for, a work item; (2) Notify the Construction Contractor(s) and the Department of the Professional's opinion of the problem and responsibility for the delay and costs. Advise whether the delay in any work may result in delays in the Construction Contract completion date; and (3) Advise the Construction Contractor(s) and the Department, in writing, of recommended action(s) by respective parties necessary to facilitate actions by the Construction Contractor to complete the Project construction on schedule.

Bulletin Costs: During the 600 and 700 Construction Phase, review and evaluate the Construction Contractor's quotations for Bulletin work. Negotiate as appropriate to assure the Department's costs commensurate with the actual value of the Project work. Provide the Department with written recommendation(s) within five (5) business days of receipt of the quotation.

Evaluate any documentable impact on the Project construction schedule claimed by the Construction Contractor(s) arising from Bulletin work. Provide appropriate and timely action under terms allowable under the Construction Contract, to implement any Bulletin work which the Professional and the Department consider critical to the Project construction schedule, but whose cost is disputed.

Within ten (10) business days of its receipt, evaluate and provide the Department with appropriate written recommendations, along with an analysis of any request by the Construction Contractor(s) for a time extension of their Construction Contract completion date.

No recommendation for a Construction Contract time extension may be submitted to the Department which is not substantiated by the Professional's technical review and evaluation of the Project construction schedule showing critical path work, noncritical path work, and float time for the complete Project and any work at issue and having such detail as to clearly document the Construction Contractor's claim. Any recommendation for a time extension of the Construction Contractor's Contract completion date must include a complete analysis of all direct and indirect costs of the Construction Contractor, the Professional, and the Department regarding the time extension. Where the Project is not substantially complete on the Construction Contract completion date, notify the Construction Contractor and the Department, in writing, of the expiration of the Construction Contract completion date and of the assessment and/or withholding of liquidated damages.

Task 605

CONSTRUCTION TESTING PROGRAM: Monitor, evaluate, and provide timely administrative action as may be required in response to the results of the construction quality control and material testing program. In circumstances where the testing is not provided by the Department or the Professional, evaluate, and approve, or disapprove the Construction Contractor(s) work plan for providing all construction test reports.

Provide the Construction Contractor(s) and the Department with written evaluation of all construction test reports, copies of construction test reports, marked with the Professional's approval or disapproval within five (5) business days of receipt of the report.

Within five (5) business days of the receipt of any construction test reports not meeting the Construction Contract requirements direct the Construction Contractor(s), in writing, to take appropriate, corrective, or replacement measures within a prescribed time. Follow up, as appropriate, to require the Construction Contractor(s) to achieve the design intent of the Professional's Contract Documents and avoid delays to any element of work which may, in the Professional's opinion, result in a delay in the Construction Contract completion date. Notify the Construction Contractor, in writing, of any delinquent corrections/replacement and take administrative action in accordance with the Construction Contractor performance text of Task 606.

Task 606

CONSTRUCTION CONTRACTOR PERFORMANCE: Throughout the execution of the Project Construction Contract, monitor and evaluate the Construction Contractor(s) performance and quality assurance procedures and provide timely, administrative action to cause the Construction Contractor(s) to correct their construction deficiencies. With the Department's concurrence, the Professional may direct, in writing, the exposure and testing of any Project construction work, already in place or covered, which the Professional, and/or the Department, believes may not meet the design intent of the Professional's Contract Documents.

Notify the Construction Contractor, and the Department, in writing, within five (5) business days of its identification, of any aspect of the Construction Contractor's performance which is inconsistent with the Contract Documents or which, in the Professional's opinion, is inconsistent with the design intent of the Professional's Contract Documents. Prescribe a reasonable time for correction which will not jeopardize the Project construction schedule completion date. Exert all practical administrative means necessary to require the Construction Contractor to perform as required by their Construction Contract to meet the design intent of the Professional's Contract Documents/architectural and/or engineering drawings and specifications requirements.

Deficient Performance: Upon identification of deficient performance, where the Project Construction Contractor fails to provide timely or acceptable performance, the Professional shall proceed as follows: (1) Notify within three (3) business days the Department, the Construction Contractor and any affected surety, in writing, and by registered mail delivery, of the potential for the Construction Contractor's default action and the Professional's recommendation; (2) Identify applicable Construction Contract references, with design interpretation of such references, and clearly explain where the Construction Contractor's performance fails to meet the design intent of the Professional's Contract Documents; and (3) Specify a time and date for the Construction Contractor to begin active and continuous work towards Contract compliance and a specific time and date for completion.

Potential Default: Upon notification by the Department of potential default by the Construction Contractor, where the Project Construction Contractor fails to adequately perform, the Professional shall proceed as follows: (1) Document the potential default, in writing, to the Construction Contractor, the Construction Contractor's surety and the Department; (2) Provide an explanation of the consequences of the potential default to the Project; (3) Provide the Department with a complete set of Project record documentation necessary to assist the Department in the legal implementation of the Construction Contractor's default action; (4) Establish an appropriate amount and withhold from payment certification of the associated line item(s), include a retainage

consisting of any costs expended for testing and other investigations necessary to establish unsatisfactory performance plus a contingency amount, adequate for the Department to correct such unacceptable performance by means other than the Construction Contractor; and (5) Notify the Construction Contractor and their surety, in writing, of the withholding.

Default: Upon notification of the Project Construction Contractor's default, the Professional shall proceed as follows: (1) Identify the extent of defaulted and/or remaining Project work; (2) Recommend a procedural program for the Department to achieve the defaulted work within the remaining Project construction time schedule if possible; and (3) Provide modified Bidding Documents that will allow the Department to rebid the remaining portion of work using the Professional's recommendations. The Professional will be compensated by the Department with a Contract Change Order for providing the defaulted Construction Contractor assistance service.

Task 607 PUNCH LIST PROCEDURES: Prepare and distribute Punch Lists for each Construction Contract. Prescribe a reasonable time schedule for completion of all construction Punch List items and identify an additional amount to be withheld from payment should standard closeout schedule of values be deemed insufficient to assure the Department sufficient funds to cover all costs as may become necessary to complete the remaining delinquent work. Distribute Punch Lists within five (5) business days of the final Inspection. Notify the Construction Contractor of any delinquent Punch List construction corrections and take appropriate action in accordance with Tasks 604 and 606.

Task 608 CLAIMS: Evaluate and respond to any claims (in whole or in part) against the Department within five (5) business days of the receipt of such claim, in the Professional's office. Where any element of claims or subsequent litigation, are based, in whole or in part, upon any deficiency or delinquency in the Professional's services, the Professional shall provide, in a timely manner, all professional services necessary to defend the claim issue(s). No payment will be due for claim defense services accumulated under this Task until settlement or judgment of litigation concludes the claim issue. The claim settlement or judgment decision will be used as the basis for determining the Professional's obligation, if any, for the costs of such professional services and/or for any costs incurred by the Department for which performance by the Professional may be responsible or contributory. Billing under this claims Task will be in accordance with an appropriate Contract Modification and/or Contract Change Order.

Task 609 AS-BUILT DOCUMENTS: Within forty-five (45) consecutive calendar days after receipt of properly prepared and submitted Construction Contractor annotated as-built documents, incorporate, and render them into the Professional's original Contract Documents for as-built documents. The Professional shall provide the Design and Construction Division with the following two (2) types of deliverable as-built documents for Project close-out: 1) One (1) set of legible/reproducible bond copy completely updated and corrected, as-built records of the Contract Documents/architectural and/or engineering drawings; and 2) Two (2) electronic sets of completely updated and corrected as-built record close-out documents and architectural and/or engineering drawings, one in .pdf format and one in Auto CAD format that is "Auto CAD readable" and conforms to the American Institute of Architects (AIA) National CAD Standard format.

The as-built documents shall depict all construction modifications, additions, and deletions made either by Addendum, Bulletin, supplemental written instructions, and the written notations shown on the Construction Contractor's as-built drawings. The Professional's as-built architectural and engineering drawings shall be of such clarity, detail, and completeness that reference to other documents will not be required to describe or depict, the Project. The as-built documents shall be free of the Professional's original architectural and/or engineering final design errors and omissions. The Professional shall revise the final design as-built drawings as necessary to incorporate all requested Department revisions as required for the Department's formal written acceptance and approval of the Project as-built drawings and the Project final on-site Inspection. The Professional's services for the Task 609, As-Built Documents are not complete until: (1) The as-built architectural and engineering drawings have been verified, in writing, by the Professional to the Project Director as being accurate and complete; and (2) The as-built architectural and engineering drawings have been turned over and accepted by the Department's, Project Director in writing.

Task 610 CLOSE-OUT PROCEDURES: Maintain for the Project record a schedule of the Construction Contractor's required submittals for Project close-out. Review and approve or reject all submittals as appropriate.

Within forty-five (45) consecutive calendar days after Substantial Completion of the Project, after building or Project occupancy, verify to the Department's, Project Director in writing, that the following documents have been received: (1.) All Project code compliance approvals; (2.) Final Inspections; (3.) Final occupancy permits; (4.) Construction Contractor's as-built final design marked-up architectural and engineering drawings; (5.) Copies of "Operation and Maintenance Manuals" of the Project systems; and (6.) Equipment warranties and guarantees.

Provide to the Design and Construction Division within forty-five (45) consecutive calendar days after Substantial Completion of the Project, three (3) copies of "Operation and Maintenance Manuals" of the Project systems and equipment. These close-out manuals shall include copies of reduced size, as-built architectural and engineering drawings, specifications, and all instructions published or furnished by respective manufacturers, construction code compliance certificates, equipment warranties, and guarantees. The manuals shall also include a complete description of the Professional's Final Design intent concepts, operation, and required maintenance of each system. Participate in the Construction Contractor's start-up and in the training instruction of State/Client Agency personnel in the operation and use of the Project systems.

PHASE 700 - CONSTRUCTION ADMINISTRATION - FIELD SERVICES

The Department may provide full or part-time Department Field Representatives to monitor the coordination and progress of the services of the Professional and the Project work of the Construction Contractor(s). Such Inspections may generate reports, minutes of meetings, notes, and documents, which will be available to, and may be useful for, the Professional. The Project Director, or Department Field Representative, has the authority to require the Professional to respond to and resolve design related problems, construction field problems and to attend Project related meetings. Unless delegated by specific written notice from the Department, the Department Field Representative does not have any authority to order any changes in the Project scope of work or authorize any adjustments in Contract price or Contract time.

The Professional shall provide sufficient field Inspections of the Project to administer the construction Phase field services and its related construction Phase administration office services, as directly related to the degree of Project complexity and, up to and including full-time field Inspections. The construction field Inspections shall occur as the construction on-site field conditions and the Project may require and during the regularly scheduled twice a month progress meeting. The Professional shall use for their construction field Inspection services, only personnel having such professional expertise, experience, authority, and compatibility with departmental procedures as the Department may approve. The Professional agrees that such characteristics are essential for the successful completion of the Project. Such individuals shall be replaced for cause where the Department determines and notifies the Professional, in writing, of their unacceptable performance.

The Professional shall review the Project construction work in place and that sequentially planned. The Professional shall determine whether the actual Project construction schedule progress appears to be in accordance with the approved Project construction schedule and whether the quality of the work appears to be in accordance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements and are without apparent defects or deficiencies. No on-site advertising by, or of, the Professional or Project signs other than those appropriate to locate an approved field office will be permitted.

- Task 701 COORDINATION: Coordinate the Professional's staff, Consultant firm's staff, Construction Contractors, and all other Project related resources.

- Task 702 PRECONSTRUCTION MEETING: Preside at and record preconstruction/organizational meetings for each Construction Contract. Issue meeting minutes and the completed "DTMB 0460, Project Procedures" documents package.

- Task 703 CONSTRUCTION INSPECTIONS: The Professional and their Consultants shall conduct and record the principal events and status of the work of all scheduled and other on-site Project activities. The construction field Inspections shall occur as the field conditions and the Project may require and during the regularly scheduled progress and payment meetings.

All construction progress Inspections shall be recorded in the form of a written report to the Department and the Construction Contractor within five (5) business days of the Project construction progress Inspection. The purpose of such Inspection/visitations includes, but is not limited to: (1) Achieve and maintain a working familiarity with the status, quantity, and quality of the Project construction work in place; (2) Determine if the

actual Project construction schedule progress is in accordance with the approved Project construction schedule; (3) Review the installation and determine the acceptability of preparations for, and installation of, pending critical construction components and activities; and (4) The Inspection of Project construction work completed or in progress by the Construction Contractor to determine and verify, in writing, to the Department's, Project Director and the Department Field Representative that the quantity and quality of all Project construction work is in accordance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements.

Task 704 **PROBLEM SOLVING MEETINGS:** Conduct and record problem solving meetings between the Professional and the Professional's Consultants, the Construction Contractor(s), their Subcontractors, the Department, the Project Director and the Department Field Representative, and any construction managers and other affected parties on-site or elsewhere to assess the construction work progress and provide design interpretation decisions to resolve problems affecting the construction work. These problem- solving meetings shall be scheduled as the construction field conditions and the Project may require, and/or shall be at such time as the Construction Contractor(s), the Professional, the Department, the Project Director, the Department Field Representative and any construction manager agree is appropriate to the Project construction work progress. Non-scheduled or emergency meetings shall be held at such time as necessary to maintain the schedule of various work items and to avoid delays in the Construction Contract completion date.

Task 705 **PROGRESS MEETINGS:** Conduct and record scheduled Project construction progress meetings (twice a month) with the Project Director, the Department Field Representative, the State/Client Agency, the Construction Contractor(s), and any construction manager. Assess Project construction work progress and provide timely, administrative actions as necessary to maintain the Project construction work on schedule and respond to and resolve all design related and construction items affecting the Project construction cost and be in compliance with the design intent of the Contract Documents, in accordance with Tasks 513 and 514.

Task 706 **FINAL PROJECT INSPECTION:** Conduct final construction field Inspections of the Project, in concert with the Construction Contractor(s), the Project Director, the Department Field Representative, the State/Client Agency, and any construction manager. Final Project field Inspections shall be conducted to witness and record equipment start-up and all testing, to verify, in writing, that each Construction Contractor has achieved Substantial Completion, to prepare Punch List(s) items, and to determine the status of any part of the Project construction work where the Department intends to take beneficial use or occupancy. Verify to the Project Director and Department Field Representative, in writing, the completeness and accuracy of the Construction Contractor's as- built drawings during the Project construction Phase Field Inspection(s) and identify any corrections required. The Professional shall revise the final as-built drawings as necessary to incorporate all requested Department revisions as required for the Department's formal written acceptance and approval of the Project as-built drawings and the Project final Inspection. Determine to the extent possible that the Project has been constructed in accordance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements and that all equipment and systems function without defects.

ARTICLE II COMPENSATION

In consideration of the performance of this Contract, the Department agrees to pay the Professional, as compensation for professional services, an hourly billing rate for each employee providing a direct service to this Project, on a not-to-exceed basis as specified herein, subject to subsequent modification mutually agreeable to the parties hereto; provided, however, the Professional may not incur costs, or bill the Department, for professional services in excess of the estimates established for this Project without the prior written agreement of the Department. The attached proposal prepared by the Professional in response to the Request for Proposal, by the Owner, may describe methodology, services, schedule, and other aspects of the work to be performed under the Contract but does not supersede the Contract.

Compensation to the Professional shall be on an hourly billing rate basis for professional services rendered by salaried and non-salaried professional, technical, and non-technical support employees, except for any authorized reimbursable expenses provided for in this Contract. Total compensation for any Phase shall not exceed the amount authorized for that Phase, unless authorized in writing by the Department's approved Contract Change Order.

Professional services shall not be performed, and no Project expense shall be incurred by the Professional prior to the issuance of a written and signed Professional Services Contract and a DTMB Form 0402 - Contract Order by the Department to the Professional, authorizing the Professional to start the Project work.

The preparation of Bulletins and Contract Change Orders resulting from increases in the Project scope of work or previously unknown on-site field conditions will be compensated to the Professional, as approved by the Project Director, on an hourly billing rate basis in accordance with this article.

This compensation shall not exceed seven and half percent (7.5%) of the Construction Contractor's quotation for the Bulletin or Contract Change Order or an amount mutually agreed upon by the Professional and the Project Director. The Professional shall provide, at no additional compensation, professional services necessary to respond to and resolve all Construction Contractor design related claims arising wholly or in part from the Professional's Contract Documents errors or omissions or other aspects of the Project's design or the Professional's performance which are inconsistent with the Professional or Construction Contract. Reproduction costs for the Professional firm's interpretations, study/design clarifications, and Bulletins necessary to achieve the Contract scope of work final design requirements is not allowable for reimbursement and shall be accounted as part of the Professional firm's lump sum fee of this Contract.

2.1 PREMIUM TIME/OVERTIME: This Contract anticipates that no premium or overtime is required to achieve this Project's scope of work. No compensation will be allowed to the Professional for any premium or overtime cost incurred to achieve the Project schedule of this Contract, unless directed in writing by the Project Director.

2.2 EMPLOYEE HOURLY BILLING RATES: Hourly billing rates will include all direct and indirect monetary costs to the State for the Professional's services under this Contract other than the authorized and approved reimbursements. Hourly billing rates shall be based on the Professional's documented historical operating expenses and adjusted for Project specific costs. In no case shall this documentation period include more than eighteen (18) months prior to the date of award of this Contract. The Professional may not provide different hourly billing rates for the same individual for different Phases.

No lump-sum subcontracts for the professional services of any employee may be billed against this Contract. Any employee associated with this Project who performs the professional services of a subordinate or of a position classification having a lower classification/pay range shall be accounted and paid for at the lower hourly billing pay rate. The hourly billing rate charge of any employee may be changed by the Professional with a written and Department approved Contract Modification during the life of this Contract to account for normal personnel pay increases.

Hourly billing rates include but are not limited to: Overhead items such as employee fringe benefits, vacations, sick leave, insurance, taxes, pension funds, retirement plans, meals, lodging, computer costs/operating costs and time, telephone, telephone-related services, and all reproduction services (except Contract Bidding Documents).

The hourly billing rate also includes all reproduction costs for design interpretations, study/design clarifications and Bulletins related to design errors or omissions, construction code compliance (precipitating either from design code compliance and plan review, design interpretations, or construction on-site/field Inspections), and all similar, or avoidable costs shall be accounted as part of the Professional's calculated hourly billing rate.

All incidental postage, mail, or other shipping or delivery services, acquisition, bad debts, previous business losses, employment fees, depreciation, and operating costs for equipment, including computer design and/or computer drafting systems, and any specialized testing equipment are to be included. The hourly billing rate shall include, without exception, secretarial, computer/typing/word processing, editing, and clerical services utilized in any way for the Project as well as other non-technical and/or overhead employees. The hourly billing rate also includes all profit without regard to its form or distribution.

Items not allowable as part of the Professional's calculated hourly billing rate include but are not limited to: Any costs associated with litigation and settlements for the Professional, or other liability suits, out-of-state offices, and associated travel, bonuses, profit sharing, premium/overtime costs, public relations, entertainment, business promotion, contributions, and various speculative allowances.

The hourly billing rate for the Professional may not be applied to the work of the Professional's Consultant's staff. Each Consultant firm must submit a separate hourly billing rate with proper documentation for the Consultant services they will provide as part of the Proposal.

The hourly billing rate of the respective Consultant firm shall be used for that Consultant firm's personnel only. The Professional's Consultant services shall be billed as an authorized reimbursable expense item at a direct cost times the Firm's mark-up percentage, not to exceed 5%, accepted by the Department.

2.3 RANGE OF EMPLOYEE HOURLY BILLING RATES: The Professional shall identify the service being provided and include the Professional's or Consultant's employee(s) full names and position classifications for the Project and their current hourly billing rates at the beginning and at the anticipated end of the Project. This hourly billing rate range shall reflect any anticipated pay increases over the life of the Contract. The range of hourly billing rates for any employee position or classification may not be changed without an approved Contract Modification.

2.4 DIRECT COST REIMBURSEMENT ITEMS: The Professional's Consultant services, and authorized reimbursable expenses shall be treated as an authorized reimbursable expense item at a direct cost times the firm's mark-up percentage amount approved by the Department, not to exceed 5%. Reimbursement of authorized expense items at direct cost times the firm's mark-up percentage amount is intended only to compensate the Professional for their direct costs.

The Professional shall be responsible for the selection of the supplier of their professional services or materials, the coordination, adequacy, and application of their professional services, whether provided by the Professional's staff or provided by their Consultant, and therefore responsible for any Project costs that exceed the Contract per Phase reimbursement Budget.

For Projects further than 100 miles one-way from the Professional firm's office, travel expenses to the project site will be allowed as a reimbursable expense at the State of Michigan's rates, based on DTMB's Vehicle and Travel Services Travel Rate Reimbursement for premium mileage rates in effect at execution of this contract. Mileage allowed will be actual, less 100 miles each way. Other travel expenses are not to be included, unless specifically authorized in writing.

In addition, direct cost reimbursement items may include soil borings, site surveys and any required laboratory testing not performed in house, Design Code Compliance and Plan Review Approval Fees by the licensing agency; reproduction of documents for legislative presentation, artistic productions, mobilization of testing equipment, laboratory costs for testing samples, per-linear-foot cost of soil borings and specialized inspections of the structural, mechanical, electrical, chemical or other essential components of the Project.

Compensation for this Contract shall not exceed the amounts per Project Phase shown in the attached Contract Order unless authorized by a Department approved Contract Modification. It shall be the Professional's responsibility to carefully monitor their and their Consultant firms Project costs, activities, and progress and to give the Project Director timely notification of any justifiable need to increase the authorized fee. The Professional may not proceed with professional services that have not been authorized by the Project Director and shall immediately notify the Project Director if such services have been requested or have become necessary. Identification of Professional and Consultant staff, hourly billable rates, and an itemized list per Project Phase of authorized direct cost reimbursement items are identified in the attached Professional's proposal.

ARTICLE III PAYMENTS

Payment of the professional services fee shall be based on the Professional's performance of authorized professional service(s) performed prior to the date of each submitted payment request. Payment requests shall be submitted monthly to the Project Director on a payment request form (DTMB- 440). Payment for each monthly submitted payment request shall be made within thirty (30) consecutive calendar days following the Department's approval of the payment request.

Payment requests shall include signed certification by the Professional of the actual percentage of work completed as of the date of invoicing for each Phase and summarize the amounts authorized, earned, previously paid, and currently due for each Project Phase. Payment requests shall be supported by itemized records or documentation in such form and detail as the Department may require. Each of the Professional's Consultant's submitted payment request applications shall include similar information.

This includes, but is not limited to:

- a) Phase Numbers for the professional services provided.
- b) Professional's personnel and position/classification providing service and hours worked
- d) Current hourly billing rate charges for each individual position/classification.
- e) Copy of certified on-site visitation log or site visit report showing time on-site.

- f) Itemized invoices from each of the Professional's Consultant's documenting that firm's professional services charge and the Project work related services provided.
- g) Authorized reimbursable expense items provided with receipts and invoices.

The State has the right to withhold payment of any disputed amounts until the parties agree as to the validity of the disputed amount. The State will notify the Professional of any dispute within a reasonable time. Payment by the State will not constitute a waiver of any rights as to the Professional's continuing obligations, including claims for deficiencies or substandard Contract Activities. The Professional's acceptance of final payment by the State constitutes a waiver of all claims by the Professional against the State for payment under this Contract, other than those claims previously filed in writing on a timely basis and still disputed.

The State will only disburse payments under the Contract through Electronic Funds Transfer (EFT). Contractor must register with the State at <http://www.michigan.gov/SIGMAVSS> to receive electronic funds transfer payments. If Contractor does not register, the State is not liable for failure to provide payment. Without prejudice to any other right or remedy if may have, the State reserves the right to set off at any time any amount then due and owing to it by Contractor against any amount payable by the State to Contractor under this Contract.

ARTICLE IV ACCOUNTING

The Professional shall keep current and accurate records of Project costs and expenses, of hourly billing rates, authorized reimbursable expense items, and all other Project related accounting document to support the Professional's monthly application for payment. Project records shall be kept on a generally recognized accounting basis. Such records shall be available to the Department for a period of three (3) years after the Department's final payment to the Professional. The State of Michigan reserves the right to conduct, or have conducted, an audit and inspection of these Project records at any time during the Project or following its completion.

ARTICLE V INSURANCE

The Professional shall purchase, maintain and require such insurance that will provide protection from claims set forth below which may arise out of or result from the Professional firm's services under this Contract, whether such service is performed by the Professional or performed by any of the Professional Firm's Consultant's or by anyone directly or indirectly employed by them, or by anyone for whose acts they may be liable. The following insurance policy limits described below are intended to be the minimum coverage acceptable by the State:

For this Section, "State" includes its departments, divisions, agencies, offices, commissions, officers, employees, and agents.

- (a) The Professional must provide proof that it has obtained the minimum levels of insurance coverage indicated or required by law, whichever is greater. The insurance must protect the State from claims that may arise out of or result from or are alleged to arise out of or result from the Professional's or a consultant's performance, including any person directly or indirectly employed by the Professional or a Consultant, or any person for whose acts the Professional or a consultant may be liable.
- (b) The Professional waives all rights against the State for the recovery of damages that are covered by the insurance policies the Professional is required to maintain under this Section. The Professional's failure to obtain and maintain the required insurance will not limit this waiver.
- (c) All insurance coverage provided relative to this Contract is primary and non-contributing to any comparable liability insurance (including self- insurance) carried by the State.
- (d) The State, in its sole discretion, may approve the use of a fully funded self-insurance program in place of any specified insurance identified in this Section.
- (e) Unless the State approves, any insurer must have an A.M. Best rating of "A-" or better and a financial size of VII or better, or if those ratings are not available, a comparable rating from an insurance rating agency approved by the State. All policies of insurance must be issued by companies that have been approved to do business in the State. To view the latest A.M. Best's Key Ratings Guide and the A.M. Best's Company Reports (which include the A.M. Best's Ratings) visit the A.M. Best Company internet web site at <http://www.ambest.com>.

- (f) The Professional is responsible for the payment of all deductibles.
- (g) In the event the State approves the representation of the State by the insurer's attorney, the attorney may be required to be designated as a Special Assistant Attorney General by the Michigan Attorney General.
- (h) Workers' Compensation Insurance: The Professional must provide Workers' Compensation coverage according to applicable laws governing work activities in the state of the Professional's domicile. If the applicable coverage is provided by a self-insurer, the Professional must provide proof of an approved self-insured authority by the jurisdiction of domicile. For employees working outside of the state of the Professional's domicile, the Professional must provide certificates of insurance proving mandated coverage levels for the jurisdictions where the employees' activities occur.
- (i) Except where the State has approved a subcontract with other insurance provisions, the Professional must require any Consultant to purchase and maintain the insurance coverage required in this Article. Alternatively, the Professional may include a Consultant/Subconsultant under the Professional's insurance on the coverage required in that Section. The failure of a Consultant/Subconsultant to comply with insurance requirements does not limit the Professional's liability or responsibility.
- (j) If any of the required policies provide claims-made coverage, the Professional must: (a) provide coverage with a retroactive date before the effective date of the contract or the beginning of Contract Activities; (b) maintain coverage and provide evidence of coverage for at least three (3) years after completion of the Contract Activities; and (c) if coverage is canceled or not renewed, and not replaced with another claims-made policy form with a retroactive date prior to the contract effective date, Professional must purchase extended reporting coverage for a minimum of three (3) years after completion of work.
- (k) Professional must: (a) provide insurance certificates to the Contract Administrator, containing the (1) project file number; (2) the project title; and (3) description of the program, at Contract formation and within 20 calendar days of the expiration date of the applicable policies; (b) require that consultants maintain the required insurances contained in this Section; (c) notify the Contract Administrator within 5 business days if any insurance is cancelled; and (d) waive all rights against the State for damages covered by insurance. Failure to maintain the required insurance does not limit this waiver.

Commercial General Liability Insurance	
<u>Minimum 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 <u>Deductible Maximum:</u> \$50,000 Each Occurrence	Professional must have their policy endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds using endorsement CG 20 10 11 85, or both CG 2010 07 04 and CG 2037 07 04.
Umbrella or Excess Liability Insurance	
<u>Minimum Limits:</u> \$2,000,000 General Aggregate	Professional must have their policy follow form.
Automobile Liability Insurance	
<u>Minimum Limits:</u> \$1,000,000 Per Accident	Professional must have their policy: (1) endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds; and (2) include Hired and Non-Owned Automobile coverage.
Workers' Compensation Insurance	
<u>Minimum Limits:</u> Coverage according to applicable laws governing work activities.	Waiver of subrogation, except where waiver is prohibited by law.
Employers Liability Insurance	
<u>Minimum Limits:</u> \$500,000 Each Accident \$500,000 Each Employee by Disease \$500,000 Aggregate Disease.	
Professional Liability (Errors and Omissions) Insurance	
<u>Minimum Limits:</u> \$1,000,000 Each Occurrence \$2,000,000 Annual Aggregate <u>Deductible Maximum:</u> \$50,000 Per Loss	
Environmental and Pollution Liability (Errors and Omissions) ***	
<u>Minimum Limits:</u> \$1,000,000 Each Occurrence \$2,000,000 Annual Aggregate	Professional must have their policy: (1) be applicable to the work being performed, including completed operations equal to or exceeding statute of repose; (2) not have exclusions or limitations related to Transportation (upset overturn, spills during loading or unloading, Hazardous Materials Handling, and Non Owned disposal site liability; and (3) endorsed to add "the State of Michigan, its departments, division, agencies, offices, commissions, officers, employees, and agents" as additional insured.

(* Professional to include Pollution Liability Insurance if needed ***)**

ARTICLE VI INDEMNIFICATION

- (a) To the extent permitted by law, the Professional shall indemnify, defend and hold harmless the State from liability, including all claims and losses, and all related costs and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgments, interest and penalties), accruing or resulting to any person, firm or corporation that may be injured or damaged by the Professional in the performance of this Contract and that are attributable to the negligence or tortious acts of the Professional or any of its Subconsultants/Consultants, or by anyone else for whose acts any of them may be liable.
- (b) Employee Indemnification: In any and all claims against the State of Michigan, its departments, divisions, agencies, boards, sections, commissions, officers, employees and agents, by any employee of the Professional or any of its Subconsultants/Consultants, the indemnification obligation under this Contract shall not be limited in any way by the amount or type of damages, compensation or benefits payable by or for the Professional or any of its Subconsultants/Consultants under worker's disability compensation acts, disability benefit acts or other employee benefit acts. This indemnification clause is intended to be comprehensive. Any overlap in provisions, or the fact that greater specificity is provided as to some categories of risk, is not intended to limit the scope of indemnification under any other provisions.
- (c) Patent/Copyright Infringement Indemnification: To the extent permitted by law, the Professional shall indemnify, defend and hold harmless the State from and against all losses, liabilities, damages (including taxes), and all related costs and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgments, interest and penalties) incurred in connection with any action or proceeding threatened or brought against the State to the extent that such action or proceeding is based on a claim that any piece of equipment, software, commodity or service supplied by the Professional or its Subconsultants/Consultants, or the operation of such equipment, software, commodity or service, or the use of reproduction of any documentation provided with such equipment, software, commodity or service infringes any United States patent, copyright, trademark or trade secret of any person or entity, which is enforceable under the laws of the United States.

In addition, should the equipment, software, commodity, or services, or its operation, become or in the State's or Professional's opinion be likely to become the subject of a claim of infringement, the Professional shall at the Professional's sole expense (i) procure for the State the right to continue using the equipment, software, commodity or service or, if such option is not reasonably available to the Professional, (ii) replace or modify to the State's satisfaction the same with equipment, software, commodity or service of equivalent function and performance so that it becomes non-infringing, or, if such option is not reasonably available to Professional, (iii) accept its return by the State with appropriate credits to the State against the Professional's charges and reimburse the State for any losses or costs incurred as a consequence of the State ceasing its use and returning it.

Notwithstanding the foregoing, the Professional shall have no obligation to indemnify or defend the State for, or to pay any costs, damages or attorneys' fees related to, any claim based upon (i) equipment developed based on written specifications of the State; or (ii) use of the equipment in a configuration other than implemented or approved in writing by the Professional, including, but not limited to, any modification of the equipment by the State; or (iii) the combination, operation, or use of the equipment with equipment or software not supplied by the Professional under this Contract.

ARTICLE VII OWNERSHIP OF DOCUMENTS

All Project deliverables, including but not limited to reports, Bidding Documents, Contract Documents, electronic documents and data, and other Project related documents, including the copyrights, prepared and furnished by the Professional shall become the property of the State of Michigan upon completion of the Project, completion and acceptance of the professional's work, or upon termination of the Contract. Project deliverables shall be delivered to the Department upon their request. The Professional shall have no claim for further employment or additional compensation because of this Contract requirement. The Professional may retain a copy of all Project documents for their files. The professional is to provide unedited CAD files (without Professionals title block) to the Contractor as requested for use in creating Shop Drawings at no additional cost.

If the Professional is in default or breach of its obligations under this Contract, the State shall have full ownership rights of the Project deliverables, including Bidding Documents and Contract Documents, including all electronic data. If the Professional is in default or this Contract Agreement is terminated, the State shall not use the Contract Documents and deliverables of this Contract for completion of the Project by others without the involvement of other qualified Professionals who shall assume the professional obligations and liability for the Project work not completed by the Professional.

To the fullest extent allowed by law, the State releases the Professional, the Professionals Consultant(s) and the agents and employees of any of them from and against legal claims, damages, losses, and expenses, including but not limited to attorneys' fees, arising out of the State's use of the Contract Documents other than in accordance with this Contract Agreement. All Contract deliverables listed may be published or issued for informational purposes without additional compensation to the Professional. The Professional may not use any of the Contract Documents and Contract deliverables for any purpose that may misrepresent the professional services they provided. The Professional shall retain full rights to the Contract Documents and deliverables and the right to reuse component information contained in them in the normal course of the Professional's professional activities.

The Contract deliverables, Contract Documents, or other documents produced under this Contract may be used by the Department, or others employed by the Department or State of Michigan, for reference in any completion, correction, remodeling, renovation, reconstruction, alteration, modification of or addition to the Project, without monetary compensation to the Professional.

The State of Michigan will not construct additional Projects or buildings based on the work of this Contract without notice to the Professional.

Whenever renderings, photographs of renderings, photographs or models, or photographs of the Project are released by the State of Michigan for publicity, proper credit for design shall be given to the Professional, provided the giving of such credit is without cost to the State of Michigan

ARTICLE VIII TERMINATION

The State may, by written notice to the Professional, terminate this Contract in whole or in part at any time, either for the State's convenience or because of the failure of the Professional to fulfill their Contract obligations. Upon receipt of such notice, the Professional shall:

- a) Immediately discontinue all professional services affected (unless the notice directs otherwise), and
- b) Deliver to the State all data, drawings, specifications, reports, estimates, summaries, and such other information and materials as may have been accumulated by the Professional in performing this Contract, whether completed or in process.

8.1 If the termination is for the convenience of the State, an equitable adjustment in the Contract price shall be made, but no amount shall be allowed for anticipated profit on unperformed professional services.

8.2 If the termination is due to the failure of the Professional to fulfill their Contract obligations, the State may take over the work and prosecute the same to completion by Contract or otherwise. In such case, the Professional shall be liable to the State for any additional cost occasioned to the State thereby.

8.3 If, after notice of termination for failure to fulfill Contract obligations, it is determined that the Professional had not so failed, the termination shall be deemed to have been affected for the convenience of the State. In such event, adjustment in the Contract price shall be made as provided in Section 8.1 of this article.

The rights and remedies of the State provided in this article are in addition to any other rights and remedies provided by law or under this Contract.

ARTICLE IX SUCCESSORS AND ASSIGNS

This Contract shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns; provided, however, that neither of the parties hereto shall assign this Contract without the prior written consent of the other.

ARTICLE X GOVERNING LAW

This Contract shall be construed in accordance with the laws of the State of Michigan.

ARTICLE XI NONDISCRIMINATION

In connection with the performance of the Project under this, the Professional agrees as follows:

- a) The Professional will not discriminate against any employee or applicant for employment because of race, color, religion, national origin, age, sex (as defined in Executive Directive 2019-09), height, weight, marital status, or a physical or mental disability that is unrelated to the individual's ability to perform the duties of the particular job or position. The Professional will provide equal employment opportunities to ensure that applicants are employed and that employees are treated during employment, without regard to their race, color, religion, national origin, age, sex, height, weight, marital status, or a physical or mental disability that is unrelated to the individual's ability to perform the duties of the job or position. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.
- b) The Professional will, in all solicitations or advertisements for employees placed by or on behalf of the Professional, state that all qualified applicants will receive equal employment opportunity consideration for employment without regard to race, color, religion, national origin, age, sex, height, weight, marital status, or a physical or mental disability that is unrelated to the individual's ability to perform the duties of the job or position.
- b) The Professional or their collective bargaining representative will send to each labor union or representative of workers with which is held a collective bargaining agreement or other Contract or understanding, a notice advising the said labor union or workers' representative of the Professional's nondiscrimination commitments under this article.
- c) The Professional will comply with the Elliot-Larsen Civil Rights Act, 1976 PA 453, as amended, MCL 37.2201 et seq; the Michigan Persons with Disabilities Civil Rights Act, 1976 PA 220, as amended, MCL 37.1101 et seq; Executive Directive 2019-09; and all published rules, regulations, directives and orders of the Michigan Civil Rights Commission which may be in effect on or before the date of award of this Contract.
- e) The Professional will furnish and file nondiscrimination 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 the Professional and of each of their Consultant firms. The Professional will permit access to all books, records, and accounts by the Michigan Civil Rights Commission, and/or its agent, for purposes of investigation to ascertain nondiscrimination compliance with this Contract and with rules, regulations, and orders of the Michigan Civil Rights Commission relevant to Article 6, 1976 PA 453, as amended.
- f) In the event that the Michigan Civil Rights Commission finds, after a hearing held pursuant to its rules, that the Professional has not complied with the contractual nondiscrimination obligations under this Contract, the Michigan Civil Rights Commission may, as part of its order based upon such findings, certify said findings to the State Administrative Board of the State of Michigan, which the State Administrative Board may order the cancellation of the Contract found to have been violated, and/or declare the Professional ineligible for future Contracts with the State and its political and civil subdivisions, departments, and officers, and including the governing boards of institutions of higher education, until the Professional complies with said order of the Michigan Civil Rights Commission. Notice of said declaration of future ineligibility may be given to any or all the persons with whom the Professional 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 State shall be notified of such possible remedy and shall be given the option by the Michigan Civil Rights Commission to participate in such proceedings.
- g) The Professional shall also comply with the nondiscrimination provisions of 1976 PA 220, as amended, concerning the civil rights of persons with physical or mental disabilities.
- h) The Professional will include, or incorporate by reference, the nondiscrimination provisions of the foregoing paragraphs a) through g) in every subcontract or Contract Order unless exempted by the rules, regulations or orders of the Michigan Civil Rights Commission, and will provide in every subcontract or Contract Order that said nondiscrimination provisions will be binding upon each of the Professional's Consultant's or seller.

ARTICLE XII CONTRACT CLAIMS AND DISPUTES

In any claim or dispute by the Professional which cannot be resolved by negotiation, the Professional shall submit the claim or dispute for an administrative decision by the Department of Technology, Management and Budget, Director of State Facilities Administration within thirty (30) consecutive calendar days of the end of the disputed negotiations, and any decision of the Director of State Facilities Administration may be appealed to the Michigan Court of Claims within one (1) year of the issuance of the Director's decision. The Professional agrees that the Department's appeal procedure to the Director of State Facilities Administration is a prerequisite to filing a suit in the Michigan Court of Claims.

ARTICLE XIII DEFINITION OF TERMS

The definition of terms and conditions of this Contract are described and outlined in the following Articles 1 through 14 and attached appendices. The capitalized defined terms used in this Professional Services Contract shall have the following definitions:

ADDENDA: Written or graphic numbered documents issued by the Department and/or the Professional prior to the execution of the Construction Contract which modify or interpret the Project Bidding Documents, including architectural and/or engineering drawings, and specifications, by additions, deletions, clarifications, or corrections. The Addenda shall: (1) Be identified specifically with a standardized format; (2) Be sequentially numbered; (3) Include the name of the Project; (4) Specify the SIGMA Funding Information, Project File No., the Contract Order No. Y, and a description of the proposed Addenda; and (5) Specify the date of Addenda issuance. As such, the Addenda are intended to become part of the Project Contract Documents when the Construction Contract is executed by the Professional's recommended lowest responsive, responsible qualified Construction Contractor. An Addendum issued after the competitive construction Bid opening to those construction Bidders who submitted a Bid, for the purpose of rebidding the Project work without re-advertising, is referred to as a post-Bid Addendum.

BID: A written offer by a construction Bidder for the Department. Project construction work, as specified, which designates the Construction Bidder's Base Bid and Bid price for all alternates.

BIDDER: The person acting directly, or through an authorized representative, who submits a competitive Construction Bid directly to the Department.

BIDDING DOCUMENTS: The Professional's Project Contract Documents as advertised, and all Addenda issued before the construction Bid opening, and after the Construction Bid opening, if the Project construction work is rebid without re-advertising. Bidding documents shall consist of: the Phase 500 - Final Design architectural and/or engineering drawings and specifications, any Addenda issued, special, general, and supplemental conditions of the Construction Contract, and modifications, if any, to standard forms provided by the Department. Such forms consist of: the Project advertisement, the Instructions to Bidders, the proposal forms, general, supplemental, and any special conditions of the Construction Contract, and the form of agreement between the Department and the Construction Contractor for the project work requirements.

BID SECURITY: The monetary security serving as guarantee that the Bidder will execute the offered Construction Contract or as liquidated damages in the event of failure or refusal to execute the Construction Contract.

BUDGET: The maximum legislatively authorized Budget amount to be provided by the State of Michigan and available for a specific purpose or combination of purposes to accomplish the project for this Contract.

BULLETIN: A standard document form (DTMB-0485, Bulletin Authorization No. and the DTMB-0489, Instructions to Construction Contractors for Preparation of Bulletin Cost Quotations for Contract Change Orders) used by the Department to describe a sequentially numbered change in the Project under consideration by the Department and the Professional and to request the Construction Contractor to submit a proposal for the corresponding adjustment in the Contract price and/or Contract time, if any. These standard document forms are a part of the "DTMB-0460, Project Procedures" documents package.

CONSTRUCTION CONTRACT: A separate written Contract agreement between the Construction Contractor and the Department for the construction, alteration, demolition, repair, or rebuilding of a State/Client Agency building or other State property.

CONSTRUCTION CONTRACTOR: Any construction firm under a separate Contract to the Department for construction services.

CONSTRUCTION INSPECTION SERVICES: The Professional's field Inspections of the Project during the construction Phase of this Contract which includes but is not limited to: (1) Documenting the quantity and quality of all Project construction work and verifying that the Project construction work is properly completed; (2) Resolve Project problems that are affecting the Project construction work, certify payment requests, process Bulletins, Contract Change Order recommendations, and requests for information (RFI's) in a timely manner as prescribed in the

Department's, current version of MICHSPEC or DC Spec as adopted and modified by the State of Michigan and incorporated into the Construction Contract; and the (3) Inspection of Project construction work completed or in progress by the Construction Contractor to determine and verify to the Department's Project Director and the Department Field Representative that the Project construction work is in compliance with the Professional's design intent and that the Project has been completed by the Construction Contractor in accordance with the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements. The Professional shall provide sufficient Inspections of the Project during the construction Phase to administer the construction Phase field and office services as directly related to the degree of Project complexity, up to and including full-time field Inspections. Construction field Inspections shall occur as the construction field conditions and the Project may require and during the regularly scheduled progress (twice monthly) meetings. The Professional shall use for their construction field Inspection services, only personnel having professional expertise, experience, authority, and compatibility with departmental procedures as the Department may approve. The Professional agrees that such characteristics are essential for the successful completion of the Project. Such individuals shall be replaced for cause where the Department determines and notifies the Professional, in writing, of their unacceptable performance.

CONSULTANT: Any individual, firm, or employee thereof, not a part of the Professional's staff, but employed by the Professional and whose professional service cost is ultimately paid by the State of Michigan, either as a direct cost or authorized reimbursement. This includes the recipient(s) of Contract Orders for material, support, and/or technical services. Also, included are persons and firms whose management and/or direction of services are assigned to the Prime Professional as may be provided elsewhere in this Contract.

CONTRACT CHANGE ORDER: A standard document form (DTMB-0403) issued and signed by the State of Michigan and signed by the Professional which amends the Project Design Professional's Contract Documents for changes in the Appendix 1 – Project/Program Statement or an adjustment in Contract price and/or Contract time, or both.

CONTRACT DOCUMENTS: The Professional's Phase 100 – Study, Final Report and Phase 500 - Final Design architectural and/or engineering plans/drawings, specifications, Construction Contract, instructions to construction Bidders, proposal, Bidding Documents, agreement, conditions of the Contract, payment bond, performance/labor and material bond, prevailing wages if applicable, all Addenda, and attachments as may be necessary to comprise a Construction Contract for the Project. Specifications for this Contract will be prepared for Division 00 through 49, in the current version of the Master Format Outline by the Construction Specifications Institute (C.S.I.), as appropriate for the Project.

CONTRACT MODIFICATION: A form (DTMB-0410) amending the Contract signed by the Department and the Professional. The preparation of Bulletins and Contract Change Orders resulting from changes in the Appendix 1 – Project/Program Statement or previously unknown on-site field conditions as approved by the Department will be compensated to the Professional by way of the Contract Modification in accordance with the Article 2, Compensation text of this Contract. Any Contract Modification of this Professional Services Contract must be in writing, signed by duly authorized representatives of the parties, and shall be in such format and detail as the Department may require. No Contract Modification will be approved to compensate the Professional for correcting, or for responding to claims or litigation for, the Professional's Phase 100 – Study, Final Report and Phase 500 - Contract Documents/architectural and/or engineering study/design errors, omissions or neglect on the part of the Professional.

CONTRACT ORDER: A form (DTMB-0402) issued and signed by the State of Michigan authorizing a Professional to: (1) Begin to incur Project expenses and proceed with the Project on-site; and (2) Provide professional services for the fee amount designated in the Phases of the Contract Order. Issuance of the DTMB-0402 certifies that: (1) The State will enter into a Professional Services Contract for the professional services described in the various Phases of this Contract; and that (2) The proper three (3) sets of Certificate of Insurance documents have been received and accepted by the State along with the approval and signing of the Professional's Professional Services Contract by the SFA, DCD Director.

DEPARTMENT: The Department of Technology, Management and Budget, State Facilities Administration, Design and Construction Division. The Department will represent the State of Michigan in all matters pertaining to this Project. This Professional Services Contract will be administered through the Department on behalf of the State of Michigan and The State/Client Agency.

DESIGN MANUAL: Provides the Professional with information regarding the Department's current "DTMB DCD Design and Construction Standards for Office Construction and Tenant Fit out" and Capital Outlay Design Manual for State Universities, Community Colleges, State Agencies and Professional Services Contractors" review process requirements regarding the uniformity in Contract materials presented to it by the Professional and the State/Client Agency(ies). This manual contains the following noted standards, instructions, and procedures information for: (1) General instructions for planning documents from Phase 100-Study through Phase 500-Final Design; (2) Net and gross area/volume; (3) Project cost format; (4) Outline architectural and engineering specifications; (5) Specifications in documentation Phase; (6) Instructions for proposal; (7) Bidders questionnaire; and the (8) Project job sign

DIRECTOR: The Director of the Department of Technology, Management and Budget or their authorized State of Michigan representative.

DIRECTOR-SFA: The Director of the Department of Technology, Management and Budget, State Facilities Administration, or their authorized State of Michigan representative.

DEPARTMENT FIELD REPRESENTATIVE: An employee of the State under the direction of the Department who provides the Inspection of construction Projects for compliance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specification requirements and the building construction codes. The Department Field Representative is the liaison between the Construction Contractor, the Professional, and the Project Director. The Project Director, or the Department Field Representative, has the authority to require the Professional to respond to and resolve study/design related problems, construction field problems and to attend Project meetings. Unless delegated by specific written notice from the Department, the Department Field Representative has no authority to order any changes in the Project scope of work or authorize any adjustments in Contract price or Contract time. The Department Field Representative is included throughout all other phases (100 – 400) to provide additional knowledge and input throughout the development of the project.

INSPECTION: The Professional and their Consultant firm's on-site and/or off-site examination of the Project construction work completed or in progress by the Construction Contractor to determine and verify to the Department's, Project Director and the Department Field Representative that the quantity and quality of all Project construction work is in accordance with the design intent of the Professional's Phase 500 - Contract Documents/architectural and/or engineering drawings and specifications requirements.

KEY PRINCIPAL PERSONNEL/EMPLOYEE: An individual employee of a Professional who is essential for the successful completion of the Project.

NOTICE OF INTENT TO AWARD: A written notice to the Construction Contractor, by the Department accepting the Professional's written recommendation to award the construction Bid to the lowest responsive, responsible best value construction Bidder. The Notice of Intent to Award letter will also designate the Contract price and itemize the alternates that the Department, at its sole discretion has accepted.

PHASE: A discretely distinguishable step necessary to produce the Project during the Professional providing architectural and/or engineering study, design, and construction administration services.

PRIME PROFESSIONAL SERVICES CONTRACTOR/PROFESSIONAL: An individual, firm, partnership, corporation, association, or other legal entity who is legally permitted by law to sign and seal final design construction Contract Documents and licensed under the State of Michigan's professional licensing and regulation provisions of the Occupational Code (State Licensing Law), Act 299 of the Public Acts of 1980, Article 20, as amended, to practice architecture, engineering, environmental engineering, geology, civil, land surveying, or landscape architecture services in the State of Michigan.

The Prime Professional Services Contractor/Professional is also legally permitted by the State of Michigan's regulation provisions of the State Construction Code, Act 230 of the Public Acts of 1972, as amended, and designated in a Construction Contract by the Department to recommend construction progress payments to the Construction Contractor.

PROJECT: Any new construction, existing site, new utilities, existing building renovation, roof repairs and/or removal and replacement, additions, alteration, repair, installation, construction quality control and material testing services, painting, decorating, demolition, conditioning, reconditioning or improvement of public buildings, works, bridges, highways or roads authorized by the Department that requires professional study/design services as part of this Contract.

PROJECT COST: The total Project cost including, but not limited to, site purchase, site survey and investigation, hazardous material abatement, construction, site development, new utilities, telecommunications (voice and data), professional fees, construction quality control and material testing services, testing and balancing services, furnishings, equipment, architectural and/or engineering plan(s)/drawing(s) design code compliance and plan review approval fees and all other costs associated with the Project .

PROJECT DIRECTOR: The professional licensed employee of the Department who is responsible for directing and supervising the Professional's services during the life of this Contract. The Project Director, or the Department Field Representative, has the authority to require the Professional to respond to and resolve study/design related problems, construction field problems and to attend Project related meetings.

PROJECT/PROGRAM STATEMENT: The Project/Program Statement is provided by the Department and defines the scope of the problem, describes why this Project is desirable, and provides a preferred resolution of the problem.

PROJECT TEAM: The Professional, the Project Director, the Department Field Representative, a representative of the State/Client Agency, and others as considered appropriate by the Department.

PUNCH LIST: A list of minor construction Project items to be completed or corrected by the Construction Contractor, any one of which do not materially impair the use of the Project work, or the portion of the Project work inspected, for its intended purpose. A Punch List shall be prepared by the Professional upon having made a determination that the Project work, or a portion of the Project construction work inspected, in concert with the Professional, the Construction Contractor, the Department, the Project Director and the Department Field Representative, the State/Client Agency and any construction manager, is substantially complete and shall be attached to the respective DTMB-0455, Certificate of Substantial Completion form. This standard document form is a part of the "DTMB-0460, Project Procedures" documents package.

SOIL EROSION AND SEDIMENTATION CONTROL: The planning, design and installation of appropriate Best Management Practices (as defined by the most current version of the Department's Soil Erosion and Sedimentation Control Guidebook) designed and engineered specifically to reduce or eliminate the off-site migration of soils via water runoff, wind, vehicle tracking, etc. and comply with the Soil Erosion and Sedimentation Control in the State of Michigan as regulated under the 1994 Public Act 451, as amended – The Natural Resources Environmental Protection Act, Part 91 – Soil Erosion and Sedimentation Control. Soil Erosion and Sedimentation Control associated with this Contract will be monitored and enforced by the Department of Technology, Management and Budget, State Facilities Administration, Soil Erosion and Sedimentation Control Program.

STATE: The State of Michigan in its governmental capacity, including its departments, agencies, boards, commissions, officers, employees, and agents. Non-capitalized references to a state refer to a state other than the State of Michigan.

STATE/CLIENT AGENCY: A Department of the State of Michigan, for whose use the Project will ultimately serve, which requires professional architectural and/or engineering design services.

SUBSTANTIAL COMPLETION: The form (DTMB-0445) stating that the Project work, or a portion of the Project work eligible for separate Substantial Completion, has been completed in accordance with the design intent of the Professional's Contract Documents to the extent that the Department and the State/Client Agency can use or occupy the entire Project work, or the designated portion of the Project work, for the use intended without any outstanding, concurrent work at the Project work site, except as may be required to complete or correct the Project work Punch List items.

SUSTAINABLE DESIGN: The Professional's use of a balance of appropriate materials, products and design methods that reduce the impact to the natural ecosystems and be within the Budget constraints of the Project. Sustainable Design shall be used wherever possible by the Professional in their Project design and an itemized list shall be provided with the Professional's Contract Documents that identifies the processes and products.

TASK: Shall mean the following: (1) A quantifiable component of design related professional architectural and/or engineering study/design Task services required to achieve a Phase of the Project; (2) The most manageable sub-element within a study/design Phase; (3) A unique item of work within a study/design Phase for which primary responsibility can be assigned; and (4) Has a time related duration and a cost that can be estimated within a study, design, and construction Phase.

ARTICLE XIV COMPLETE AGREEMENT/MODIFICATION

This Professional Services Contract constitutes the entire agreement as to the Project between the parties. Any Contract Modification of this Contract and the Project/Program Statement must be in writing, signed by duly authorized representatives of the parties, and shall be in such format and detail as the State may require. No Contract Modification may be entered to compensate the Professional for correcting, or for responding to claims or litigation for the Professional's Contract Documents/architectural and/or engineering study/design errors, omissions or neglect on the part of the Professional.

APPENDIX 1

PROJECT/PROGRAM STATEMENT

PROJECT STATEMENT

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
State Facilities Administration
Design and Construction Division
3111 West St. Joseph Street
Lansing, Michigan 48909

FILE NUMBER Various	ACCOUNTING TEMPLATE Various	PROPOSAL DUE DATE Thursday, March 11, 2021
CLIENT AGENCY Department of Technology, Management and Budget		
PROJECT NAME AND LOCATION 2021 Indefinite Scope Indefinite Delivery (ISID) for General Professional Design Services		
PROJECT ADDRESS (if applicable) Various		
CLIENT AGENCY CONTACT		TELEPHONE NUMBER
DTMB - DCD PROJECT DIRECTOR Tim Hall		TELEPHONE NUMBER 517.881.4173

WALK-THROUGH INSPECTION DATE, TIME, AND LOCATION:
No Pre-Proposal Meeting or Walkthrough will be held.

MANDATORY (Check box if Mandatory)

PROJECT DESCRIPTION/SERVICES REQUESTED

Provide professional architectural, engineering, surveying, or landscape architectural ISID services for a variety of state funded construction projects.

Please NOTE:

- Proposal responses MUST also be uploaded to SIGMA VSS. Please enter \$1.00 total cost as proposal amount. **Additionally, hard copy proposals MUST also be received by 2:00 p.m., local time on the date due to be considered responsive and responsible.**
- Please remember that individual attachments can be no larger than 6mb.
- If you experience issues or have questions regarding your electronic submission, you must contact the SIGMA Help Desk for assistance. They can be reached by telephone at 888.734.9749 or by email at sigma-procurement-helpdesk@michigan.gov
- Vendors are reminded to keep our office apprised of SIGMA VSS issues and to include your SIGMA ticket number when communicating with our office. Emailed submissions will need prior DCD approval and will be handled on a case-by-case basis. Approved emailed submissions MUST be received prior to 2:00 p.m. deadline to be considered responsive and responsible.

NIGP CODES

90607, 90610, 90632, 90638, 90642, 90644, 90646, 90648, 90658, 90672, 92507, 92531, 92540, 92588

DESIRED SCHEDULE OF WORK

Dependent on the assigned project.

ACCEPTING RFP QUESTIONS UNTIL: 12:00 p.m., local time on Thursday, March 4, 2021

Please do not submit online questions via VSS. ALL questions should be emailed to Tim Hall at hallt2@michigan.gov

REFERENCE STANDARDS: This project will comply with all codes, standards, regulations, and workers' safety rules that are administered by federal agencies (EPA, OSHA, and DOT), state agencies (DCH, EGLE, DNR, and MIOSHA), and any other local regulations and standards that may apply.

This form is required to be a part of the professional service contract. (Authority: 1984 PA 431)
Attachment(s)



DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
State Facilities Administration
Design and Construction Division

REQUEST FOR PROPOSAL
ADDENDUM NO. 1

This form identifies an Addendum to a Request for Proposal for Professional Services, and incorporates interpretations or clarifications, modifications, and other information into the Request for Proposals. Addenda will be numbered by the Project Director and distributed through SIGMA Vendor VSS as an attachment.

TO: ALL PROPOSERS	DATE ISSUED February 2, 2021
PROJECT NAME 2021 Indefinite Scope Indefinite Delivery Request for Proposal for General Professional Design Services (Architectural Engineering, Landscape Architecture)	FILE NUMBER
PROJECT DIRECTOR Tim Hall	PROPOSAL DUE DATE: Thursday, March 11, 2021

ADDENDUM ITEMS: (attach additional sheets and drawings if required)

Please replace Questionnaire posted on January 25, 2021 with the Questionnaire posted today with a revision date of 210202

End

APPROVED BY:
 Tim Hall
 PROJECT DIRECTOR
 DATE February 2, 2021



DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
State Facilities Administration
Design and Construction Division

REQUEST FOR PROPOSAL
ADDENDUM NO. 2

This form identifies an Addendum to a Request for Proposal for Professional Services, and incorporates interpretations or clarifications, modifications, and other information into the Request for Proposals. Addenda will be numbered by the Project Director and distributed through SIGMA Vendor VSS as an attachment.

TO: ALL PROPOSERS	DATE ISSUED March 5, 2021
PROJECT NAME 2021 Indefinite Scope Indefinite Delivery Request for Proposal for General Professional Design Services (Architectural Engineering, Landscape Architecture)	FILE NUMBER
PROJECT DIRECTOR Tim Hall	PROPOSAL DUE DATE: March 11, 2021

ADDENDUM ITEMS: (attach additional sheets and drawings if required)

Below are the questions received and Design and Construction's response

Q1 – Are we required to keep the questionnaire in the word document and format or can we recreate it to match our overall proposal style / font. No information will be cut or excluded.

Response – As long as the DTMB logo, wording, and order are maintained, you may modify the document to match your overall proposal style / font.

Q2 – Under the Article 1 Business Organization section requests submitting firms to list “partnering organizations”. If one or more partnering organizations are listed and the intent is that those firms will be providing services beyond what the primary firm offers, should the resumes of team members from the partnering organizations be included in Part I Technical Proposal (II-2 Personnel)? Likewise, should cost information be provided for those team members?

Response – Yes

Q3 – In the Technical portion of the RFP, it appears there are two requests for similar information.

1. Address programing, schematic and design development phases, construction documentation and construction inspection.
2. Management Summary, Work Plan and Schedule

Response: There are two separate and distinct responses requested, first, as part of Understanding of Projects and Tasks it is requested that you address programming, schematic and design development phases, construction documentation and construction inspection as part of your broader understanding of the tasks and how they may be likely related to ISID project assignments expected by this RFP; second, is a broader and more detailed explanation of your Management Summary, Work Plan and Schedule to ensure the success of projects expected to result from this RFP.

APPROVED BY:

Tim Hall

DATE: March 5, 2021

APPENDIX 2

PROFESSIONAL'S PROPOSAL



**State of Michigan
Department of Technology, Management & Budget
Lansing, Michigan**

**Proposal for
Indefinite-Service, Indefinite-Delivery
Not-to-Exceed Fee, Billable Rate**

DEPARTMENT OF TECHNOLOGY, MANAGEMENT & BUDGET

2021 Indefinite-Scope, Indefinite-Delivery - Request for Proposal
General Professional Design Services
Various Locations, Michigan

Submitted to:

**Anne Watros
Department of Technology, Management & Budget
State Facilities Administration, Design and Construction Division
3111 West St. Joseph Street
Lansing, Michigan 48917**

Submitted by:



**Byce & Associates, Inc.
487 Portage Street
Kalamazoo, MI 49007
269.381.6170
269.381.6176 Fax**

11 March 2021

March 11, 2021

487 PORTAGE STREET
KALAMAZOO, MI 49007

CORPORATE@BYCE.COM
WWW.BYCE.COM

TEL: 269.381.6170
FAX: 269.381.6176

Mr. Tim Hall
Department of Technology, Management and Budget
State Facilities Administration
Design and Construction Division
3111 West St. Joseph Street
Lansing, MI 48917

RE: Proposal for
Department of Technology, Management & Budget
2021 ISID General Professional Design Services
B/A Project No: 21100146

Dear Mr. Hall,

Byce & Associates, Inc. is pleased to submit this proposal for the 2021 ISID General Professional Design Services.

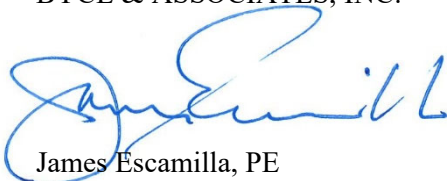
As you will see from our relevant project experience and staff qualifications, Byce & Associates, Inc. is highly qualified to provide professional services for the State of Michigan. We trust you will find our proposal complete and representative of the project scope.

Byce & Associates, Inc's in-house team of professionals will provide architectural, structural, mechanical, and electrical engineering, documentation and project leadership for successful completion of this project.

Thank you for the opportunity to submit this proposal.

Very truly yours,

BYCE & ASSOCIATES, INC.



James Escamilla, PE
President / CEO

Attachments: 3 Hard Copies/Part I Technical and Part II Cost Proposal

TABLE OF CONTENTS

PART I - TECHNICAL

I-1 UNDERSTANDING OF PROJECT AND TASKS
I-2 PERSONNEL
I-3 MANAGEMENT SUMMARY, WORK PLAN, AND SCHEDULE
I-4 QUESTIONNAIRE

PART II – COST

II-1 POSITION, CLASSIFICATION AND EMPLOYEE BILLING RATE

Proposal for:

*State of Michigan
Department of Technology, Management & Budget
2021 Indefinite Scope Indefinite Delivery (ISID) for General Professional Design Services
Various Locations, Michigan*

PART I TECHNICAL PROPOSAL

Byce & Associates, Inc.

SECTION I-1 UNDERSTANDING OF PROJECT AND TASKS

Byce & Associates, Inc. understands that the State of Michigan, Department Technology, Management and Budget, has identified the need for professional services assistance in the form of an Indefinite-Service, Indefinite-Delivery (ISID) Professionals Services contract to provide a streamlined, effective method of contracting professional design and engineering services for projects of limited scope. The services may be of limited, specific scope including guidance with routine maintenance or emergency or urgent services as may be needed and directed. The projects may include building maintenance projects, facility improvements and upgrades as well as renovations and small additions likely under \$500,000 in construction value. The professional services will include full service architecture, engineering and landscape architecture. The professional design services are intended to assist the Department with a variety of services as appropriate to the specific project will include service phases that may range from 100 through 700 for a variety of projects, and project types and shall be limited to a three-year term.

We further understand that the professional service provider must have experience and expertise in the specific project type and should be equipped and poised to respond quickly and effectively as required by the project parameters, conditions, scope and complexity.

Byce & Associates, Inc. is by our very nature and composition inherently suited to provide the necessary services. We are an old school, generalist architectural and engineering consulting firm with all the architectural and engineering disciplines under one roof in one location. In a world of market sector or building type specialists we specialize in being generalists with a broadly based, experienced deep bench of professional engineers and architects. Byce & Associates, Inc. has a thorough and complete understanding of a wide variety of project types and we are uniquely prepared to execute the required services on behalf of the Division. Our general knowledge and expertise in a wide variety of project types both large and small, along with our array of design and engineering disciplines makes us especially suited to provide these services.

We believe that our firm possesses the attributes, skills, experience, and composition to perform these services. Whether the services required include from project scoping, assessments, and conceptual planning to contract administration and facility commissioning in wide variety of project types from civic, commercial and justice to industrial, laboratories and maintenance facilities, we have the experienced personnel in-house. We possess the requisite design and engineering disciplines, with broad based experience with a variety of project types and we are structured such that we can respond quickly and effectively. We understand that the exact type and extent of our services will be dependent upon the needs and requirements of the particular or specific project scope, conditions, and circumstances. We are confident that we can faithfully and diligently execute these services for the State of Michigan, Department Technology, Management and Budget and would be honored to assist in this endeavor on behalf of the citizens of Michigan.

Proposal for:

*State of Michigan
Department of Technology, Management & Budget
2021 Indefinite Scope Indefinite Delivery (ISID) for General Professional Design Services
Various Locations, Michigan*

**SECTION I-2
KEY PERSONNEL/RESUMES**

See Attached



James Escamilla PE, NCEES

President/CEO

With over 35 years of experience, Mr. Escamilla has allowed himself to become instrumental in multiple high-tech new construction and remodeling projects for correctional, governmental, educational, industrial, manufacturing, and healthcare clients. James has been recognized by his peers for his expertise in engineering design and project management, and was voted Engineer of the Year in 1991 by the Michigan Society of Engineers. In 2013 he was awarded ASHRAE's National Distinguished Service Award and in 1989 received ASHRAE's Professional Award of Excellence. James serves as President and Chief Executive Officer of Byce & Associates, Inc. and is responsible for overall management, strategic planning and profitability of the business.

Education

Bachelors of Science in Mechanical Engineering
Michigan Technological University, 1981

Registration

Registered Engineer - Michigan, Indiana, Ohio
Certified in Plumbing Design
National Council of Examiners for Engineering and Survey

Professional Affiliations

American Institute of Architects (AIA)
-Professional Affiliate Member
American Society of Plumbing Engineers (ASPE)
Brownfield Redevelopment Authority
-Board Member
Downtown Kalamazoo Partnership
-Board Member
Economic Development Corporation (EDC)
-Board Member
Heritage Community of Kalamazoo
-Board Member
Heritage Community of Kalamazoo Foundation
-Board Member
Kalamazoo Community Foundation - Trustee
Kalamazoo Rotarian - Member since 1995
Michigan Minority Business Development Council (MBE)
Southwest Michigan First - Board Member
Sustainable Community Initiative (SCI)
S.W. Michigan Sustainable Business Forum (SWMSBF)
U.S. Green Building Council (USGBC)
American Council of Engineering Companies (ACEC)
-Michigan - Past National Director
-State - Past President, 2006-2007
American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)
-Past Director & Regional Council Chairman
-Past President West Michigan Chapter
Council of American Mechanical Electrical Engineers (CAMEE)
-Past President
Downtown Development Authority (DDA)
-Past Chair

Project Experience

State of Michigan Maintenance Building Peer Review	State of Michigan Capital Complex Controls Integration
State of Michigan Kalamazoo Psychiatric Hospital Fire Suppression System Replacement	State of Michigan Muskegon Correctional Facility Boiler Replacement
State of Michigan Kalamazoo Psychiatric Hospital Various Improvements Projects	State of Michigan Jackson Complex Energy Performance Project
State of Michigan Lakeland Correctional Facility Sally Port Repair, Perimeter Road Repair & Security Gates Upgrade	State of Michigan Grand Tower Air Handling Unit Replacement
State of Michigan Yankee Springs Recreation Area Shop/Garage Replacement	State of Michigan Grand Rapids Home for Veterans Access Control & Surveillance System
State of Michigan Geagley Laboratory Various Upgrade Projects	State of Michigan Michigan Commission of the Blind Renovations & Additions
State of Michigan Handlon Correctional Facility New Fire Alarm System	State of Michigan Bay Pines CCTV Upgrades
State of Michigan Cooper Street Correctional Facility Security Fences Study	State of Michigan MDOT Construction & Technology Bituminous Laboratory
State of Michigan Michigan Career & Technical Institute New Dust Collector & HVAC Upgrades	State of Michigan Energy Center AHU Install
	State of Michigan Records Building Air Handling Unit



Michael S. Flynn, NCARB, AIA

Vice President of Business Development

Mr. Flynn has over 35 years of experience as an architect and as a construction manager. He serves as the Vice President, Senior Project Manager and Architect at Byce & Associates, Inc. Mr. Flynn has gained the insights and developed the skills necessary to effectively shepherd complex projects from inception to completion adding value for the client while meeting the demands of schedule, scope and budget in projects as diverse as higher education, healthcare, corporate, manufacturing and hospitality. As Vice President, Mr. Flynn identifies and directs the marketing efforts for Byce & Associates, Inc. He identifies new markets, new clients and provides a positive public relationship for the firm.

Education

Masters of Architecture
McGill University, Montreal, 1990
Bachelors of Science in Architectural Studies
University of Wisconsin, 1984
Architectural and Construction Technologies,
Ferris State University
Berea College, Liberal Arts

Registration

Registered Architect - Michigan, Wisconsin
NCARB Certified Architect

Professional Affiliations

National Council of Architects Registration Board
American Institute of Architects (AIA)
Construction Specification Institute (CSI)
U.S. Green Building Council (USGBC)
Wisconsin Association of Healthcare Engineers
Habitat for Humanity
-Past Board Member
Zoning Board of Appeals
-Past Board Member
Historic District Commission
-Past Board Member

Project Experience

State of Michigan Yankee Springs Recreation Area Shop/Garage Replacement	City of Kalamazoo Douglas Fire Station #5 Renovations
State of Michigan Secondary Complex Building Automation System HVAC Upgrade	City of Litchfield Community Pool Upgrades & Splash Pad Study
State of Michigan MDOT Construction & Technology Bituminous Laboratory	City of Sturgis Softball Complex Electrical Power & Site Lighting
State of Michigan G. Robert Cotton Correctional Security Gate Replacement	City of Sturgis Softball Complex Concession & Restroom Facility
State of Michigan Grand Tower Air Handling Unit Replacement	City of Sturgis Young Auditorium - Restroom Renovations
Berrien County Jail Intake Renovation & Expansion	City of Sturgis Community Center Metal Roof Assessment
Kalamazoo County County Center Redevelopment	City of Sturgis Young Auditorium Interior Renovation & Master Plan
Van Buren County Transportation Facility Addition	City of Kalamazoo Kik Pool Conditions Study & Splash Pad Addition
St. Joseph County Commission on Aging Rivers Enrichment Center & Residence	City of Portage Senior Center Feasibility Study
City of Kalamazoo Washington Square Alley in the Square	Charles & Lynn Zhang Portage Community Senior Center New Facility



Steven Woods, SE, RA, NCARB, LEED AP BD+C, GGP

Architect/Structural Engineer

Mr. Wood's educational complement of a Masters of Architecture with a concentration in Structures makes him a valuable addition to the Byce & Associates, Inc. team. He has over 10 years of experience in the analysis, design and graphic implementation of drawings, plans, 3-D renderings and models. Mr. Woods has a vast experience in governmental, institutional, educational and commercial developments.

Education

Masters of Architecture
University of Illinois 2008
Bachelor of Science in Architecture
Ball State University 2006

Registration

Licensed Structural Engineer - Illinois
Registered Architect - Michigan
LEED Accredited Professional
Green Globes Professional
NCARB Certified Architect
Guided Principals Compliance Professional

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

Project Experience

State of Michigan
Department of Corrections
New Huron Valley Food Service Building

State of Michigan
Muskegon Correctional Facility
Vocational Welding Renovation

State of Michigan
Yankee Springs Recreation Area
Shop/Garage Replacement

State of Michigan
Geagley Laboratory
Various Improvement Projects

State of Michigan
Jackson Complex
Energy Performance Project

State of Michigan
Lakeland Correctional Facility
Freezer Addition

State of Michigan
MCTI - Chiller Replacement

Michigan State Housing Development
Association - Veterans Village

Michigan State Housing Development
Association - Heather Gardens
Architectural Review

Allegan County
Jail & Sheriff's Office Renovation

Muskegon County Jail
Expansion Study

Allegan County Area
Technical & Educational Center
Chiller Replacement

Berrien County
Jail Intake Renovation & Expansion

Delta County
New Jail & Sheriff's Office Renovation

Branch County
New Jail & Sheriff's Office

Benzie County
Government Center & Sheriff/Jail
Space Needs Analysis

St. Joseph County
Commission on Aging
Rivers Enrichment Center & Residence

Tuscola County
New Jail

City of South Bend
Parking Structures Elevator Replacement

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

City of Sturgis
Softball Complex Concession & Restroom



Tracy Ezell, AIA

Senior Architect/Project Manager

Mr. Ezell has over 30 years of experience as an architect. He serves as a Senior Architect / Project Manager at Byce & Associates, Inc. Mr. Ezell is a project manager and project architect/designer for a diverse array of renovations/alterations to existing facilities, facility expansions, and of new construction projects. He has led the design of healthcare, office buildings, retail, hospitality, educational, institutional and manufacturing facilities. Mr. Ezell's previous affiliation with a design-build construction group has given him expert knowledge in exploring value engineering/design development options, extensive exposure to construction methods, means, and erection sequencing.

Education

Bachelor of Architecture
University of Detroit, 1990
Certificate of Business Administration
University of Detroit, 1990

Registrations

Registered Architect - Michigan, Indiana
American Institute of Architects (AIA)
-Southwest Michigan Chapter
-Director

Project Experience

State of Michigan
MCTI -Roof Study

Ottawa County Road Commission
Maintenance & Cold Storage Facility

Road Commission of Kalamazoo
Facility Assessment & Master Plan

Otsego County
Public Safety Complex Feasibility Study

Branch County
New Jail & Sheriff's Office

Delta County
New Jail & Sheriff's Office Renovation

Berrien County
Jail Intake Remodel

Tuscola County
New Jail

Allegan Airport
Terminal Addition

City of Kalamazoo
Wastewater Reclamation Plant Lab
Renovation

Tekonsha Township
Fire Department Design

City of Sturgis
City Hall - Interior Renovations

City of Sturgis
Maintenance Administration Building
Interior Renovations

City of Sturgis
Police/Fire Station Generator
Replacement

City of Sturgis
Young Auditorium
Interior Renovation & Master Plan

City of Sturgis
Public Services Building
Mezzanine Enclosure

City of Sturgis
City Hall & District Library
Roof Replacement

City of Sturgis
Public Services Utility Building Phase II

City of Portage
Interior Renovations of City Manager
Office Suite

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

United Brotherhood of Carpenters
Michigan Regional Council of Carpenters
Union Hall & Apprentice Training Center



Stan Skopek

Senior Architect/Project Manager

Mr. Skopek has over 30 years of experience in the industry and serves as a Senior Architect / Project Manager at Byce & Associates, Inc. Mr. Skopek is a project manager and project architect/designer for diverse array of renovations/alterations to existing facilities, facility expansions, and of new construction projects. As a Project Manager, he leads a project team in the development of the overall design and creation of construction documents. Mr. Skopek has experience working on new construction, rehabilitation, additions, alterations, historic preservation, design build and renovation of facilities. He has also worked on educational, industrial, commercial, historical, medical, zoological, and governmental designs.

Education

Bachelor of Architecture
Lawrence Technological University, 1989

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

* Services performed while with another firm.

Project Experience

Branch County
New Jail & Sheriff's Office

Kalamazoo Township
Township Office HVAC Upgrade

Tekonsha Township
Fire Department Design

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

Heritage Community of Kalamazoo
Memory Care Learning Center

Advia Credit Union
New Headquarters Facility

Advia Credit Union
Richland Branch Renovations

Advia Credit Union
Plainwell Branch Renovations

Kalamazoo Nature Center
Zero Net Energy Business Pilot Program

The Creamery
Mixed-Use Redevelopment

Connect HomeBuyers
Cluster Site Condo Housing

Kingdom Sports Indoor Center
New Daycare Center

Pansophia Academy
Renovation & Addition

Calhoun County Medical Care Facility
Technological Design*

Emmet County Sheriff's Department
New Facility*

Michigan Department of Transportation
Office, Sign Shop & Truck Repair*

Westland City Hall
Remodel*

Kellogg Community College
Architectural Services & Site Accessibility
Renovation*

Kalamazoo Christian School Association
West Elementary Architectural Services,
Feasibility Study, & Future Planning*

Kalamazoo Christian Schools
South Elementary Renovation*

Kalamazoo Christian Schools
New Gym & Office Addition*

Page Elementary
Addition & Renovation*

East Jackson High School
Auditorium, Gym, & Science Wing
Additions*



Peter Sarelis, AIA, LEED BD+C

Senior Architect

Mr. Sarelis has over 25 years of experience as an architect and serves as a Senior Architect at Byce & Associates, Inc. He has experience working from design through the construction process, skilled in both conceptual and technical documentation and is proficient in Revit, AutoCAD, and Sketch-Up. Mr. Sarelis has experience working on new construction, additions, alterations, historic preservations, design build and renovation of facilities including education, medical, and industrial projects.

Education

Bachelor of Science in Architecture
Lawrence Technological University, 1989
Professional Degree in Architectural Design
Lawrence Technological University, 1991

Registrations

Professional Engineer – Michigan
LEED Accredited Professional

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum
(SWMSBF)

*Services performed while with another firm.

Project Experience

Tuscola County
New Jail

Otsego County Public Safety Complex
Feasibility Study

Schoolcraft County Jail
Feasibility Study

Richland Area Community Center
Office & Restroom Renovations

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

Heritage Community of Kalamazoo
Memory Care & Learning Center

River's Edge
Residential Mixed-Use Redevelopment

Kingdom Indoor Sports Center
New Daycare Center

Bell's Residence
Kitchen Renovations & Sunroom Addition

Drake Road Tap House
Mezzanine

Whitehall City Schools
High School Additions & Remodeling *

Bronson Methodist Hospital
New Skilled Nursing Facility*

City of Kalamazoo
Bronson Park Rotary Stage Design
Competition Entry*

Jenison Public Schools
High School Additions & Remodeling*

ROI Autism Treatment Center
Former Portage Elk Lodge Remodel*

Park Village Pines
New Senior Living Center Design*

Family & Children Services
Renovation & Addition*

Liberty Bible Church
Gymnasium, Fellowship Hall, &
Classroom Addition*

Parker Hannifin Corporation
Regional Corporate Offices*

Main Street East, Downtown
Kalamazoo Office Building Lot 9 New
Building Concepts*

Grand Ledge Schools
High School Additions & Remodeling*

Southwest Michigan College
New Student Services Building*

Calvary Bible Church
Fellowship Hall Remodeling*



Brenda Waterman

Project Manager

Ms. Waterman has over 20 years of experience and serves as a Project Manager for Byce & Associates, Inc. She has experience from conception to completion of all aspects of a project, including mechanical and electrical in design/build. Ms. Waterman has worked on the design for commercial and residential projects. She also has experience in site development, budgeting, scheduling for design and construction, permitting, construction documentation, and shop drawing reviews.

Education

Bachelor of Science in Architecture
Lawrence Tech University, 1999

Project Experience

State of Michigan
MCTI Roof Study & Replacement

State of Michigan
Kalamazoo Psychiatric Hospital
Fire Suppression System Replacement

St. Joseph County
Commission on Aging
Rivers Enrichment Center & Residence

City of Sturgis
City Hall & District Library
Roof Replacement

City of Sturgis
City Hall Interior Renovations

City of Sturgis
Public Services Utility Building Phase II

City of Kalamazoo
Wastewater Reclamation Plant
Lab Renovation

City of Battle Creek
Intermodal Facility Roof Repairs

City of Portage
Interior Renovations of City Manager
Office Suite

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

West Bloomfield Township
Parks & Recreation
Community Center Building

West Bloomfield Township
Splash Pad & Park

Road Commission of Kalamazoo
Facility Assessment & Master Plan

Heritage Community of Kalamazoo
Master Plan

Vicksburg Mill
Multi-Use Redevelopment

Charles & Lynn Zhang Animal Care
& Resource Center
New Facility

Advia Credit Union
New Headquarters Facility

First Baptist Church
Master Planning

Kalamazoo Civic Theatre
Facility Study

Kalamazoo Civic Theatre
Carver Center Roof Upgrade

The Park Club
Front Entry, Steps, & Turret Renovations
& Repairs



Hayward Babineaux, Assoc. AIA, NOMA

Architectural Associate

Mr. Babineaux serves as Architectural Associate for Byce & Associates, Inc. Hayward works with our registered architects on projects from the smallest renovation and tenant fit-out to large, complicated industrial projects. Mr. Babineaux is proficient in the Revit (BIM), AutoCAD, creation of construction documents, full service drawings, 3D Renderings, Request for Information (RFI) from contractors, etc. He has experience working with local governments, commercial, non-profit, industrial, and institutional clients.

Education

Master of Architecture
Andrews University, 2015
Bachelor of Science in Architecture
Andrews University, 2013
Associate in Architectural Technology
Ferris State University, 2002

Professional Affiliations

American Institute of Architects (AIA)
National Organization of Minority Architects (NOMA)
Kalamazoo Neighborhood Housing Services (KNHS)
-Board Member
U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

Project Experience

State of Michigan Grand Tower Air Handling Unit Replacement	Charles & Lynn Zhang Portage Community Senior Center New Facility
Michigan State Housing Development Association - Veterans Village	Heritage Community of Kalamazoo Master Plan
Michigan State Housing Development Association - Heather Gardens	Heritage Community of Kalamazoo Memory Care Learning Center
Michigan State Housing Development Association - Golfview Meadows	Northside Association for Community Development - Aging in Place Duplex Civil Engineering
St. Joseph County Commission on Aging Rivers Enrichment Center & Residence	Northside Association for Community Development - Hydroponic Garden & Nutrition Resource Center Renovation
City of Kalamazoo Washington Alley in the Square	The Exchange Mixed-Use Development
City of Kalamazoo Douglas Fire Station #5 Renovation	Chemical Bank Tenant Fit-Out at The Exchange
City of Sturgis Softball Complex Concession & Restroom Facility	Viking Group, Inc. New Headquarters Facility
City of Sturgis City Hall & District Library Roof Replacement	Advia Credit Union New Headquarters Facility
Tekonsha Township Fire Department Design	The Creamery Mixed-Use Development
Allegan Airport Terminal Addition	Owen-Ames-Kimball Co. Maintenance & Cold Storage Facility



Riley Manier

Architectural Associate

Mr. Manier serves as an Architectural Associate with Byce & Associates, Inc. Riley works with our registered architects on projects ranging from complex mix-use buildings to correctional facilities. He is proficient in Revit (BIM), AutoCAD, SketchUp and Adobe Creative Suite. He has experience working with healthcare, correctional, manufacturing, educational, and residential clients.

Education

Bachelor of Science in Architecture & Sustainability
Ferris State University, 2018

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

Project Experience

State of Michigan
MCTI – Roof Replacement

Branch County
New Jail & Sheriff's Office

Schoolcraft County Jail
Feasibility Study

Tuscola County
New Jail

Benzie County
Government Center & Sheriff/Jail Space
Needs Analysis

Road Commission of Kalamazoo
Facility Assessment & Master Plan

City of Sturgis
City Hall & District Library Roof
Replacement

City of Sturgis
City Hall Interior Renovations

City of Portage
Interior Renovations of City Manager
Office Suite

Tekonsha Township
Fire Department Design

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

Heritage Community of Kalamazoo
Memory Care Learning Center

InterCare Community Health Network
Holland Clinic Renovation

Advia Credit Union
New Headquarters Facility

Advia Credit Union
Plainwell Branch Renovations

Dermatology Associates of West
Michigan
New Medical Facility

Kalamazoo Civic Theatre
Boiler & Piping Replacement Analysis

The Creamery
Mixed-Use Development

Charles & Lynn Zhang Animal Care &
Resource Center
New Facility

First Baptist Church
Life Safety Plan

Owen-Ames-Kimball Co.
Maintenance & Cold Storage Facility

Bell's Brewery, Inc.
General Store Renovation



Suzanne M. Nemeth, NCIDQ

Interior Designer

As a professional Interior Designer with over 30 years of experience, she is involved in each project from the beginning. This allows her to have firsthand knowledge of each client's goals and specific needs. It also allows our team to work collaboratively to fully integrate architectural design, finish selections and furniture layouts. Suzanne is passionate about this integration. It makes for a more enjoyable design experience for the client (and our team) and results in a more successful outcome. For Suzanne, it's rewarding to see a client's reaction to the final result. It makes all the effort worthwhile!

Education

Bachelor of Science in Interior Design
Western Michigan University, 1990

Certifications

Listed as Qualified Interior Designer - State of Michigan
NCIDQ Certified - #13196

Professional Affiliations

NCIDQ - National Council of Interior Design Qualification
City of Portage Historic District Commission
-Member

Professional Affiliations

Honor Award, AIA Southwest Michigan
- Fieldstone Grill Restaurant - Portage, Michigan

Honor Award, AIA Southwest Michigan
- Borgess Medical Center Clinical Laboratory - Kalamazoo, Michigan

Honor Award, AIA Southwest Michigan
- Rose Arbor Hospice Residence - Kalamazoo, Michigan

SAGE Competition, Best in Category
- Rose Arbor Hospice Residence - Kalamazoo, Michigan

Professional Responsibilities

Needs Assessment and Programming
Interior Schematic Design/Design Concepts
New Product Research
Finishes Selection & Specification
Furniture Budgeting, Selection & Specification
Finishes & Furnishings Master Planning
Finishes & Furnishing Installation Review

Project Experience

State of Michigan
Michigan Library & Historical Center
Restroom Upgrades

State of Michigan
Grand Rapids Home for Veterans
Access Control & Surveillance System

State of Michigan
Kalamazoo Psychiatric Hospital
Various Improvements Projects

Ottawa County Road Commission
Maintenance & Cold Storage Facility

Crosstown Center Complete Renovation/
Existing Building

- Kalamazoo County District Court
- City of Kalamazoo Department of Public Safety

St. Joseph County
Commission on Aging
Rivers Enrichment Center & Residence

Delta County
New Jail & Sheriff's Office Renovation

Calhoun County Justice Complex

- County Jail Facility
- County Courts Building

City of Kalamazoo
Water Reclamation Plant Building
HVAC Design & Laboratory Upgrade

Berrien County
Jail Intake Remodel

Branch County
New Jail & Sheriff's Office

City of Portage
Senior Center Feasibility Study

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

City of Kalamazoo
Douglas Fire Station #5 Renovations

City of Portage
Interior Renovations of City Manager
Office Suite

City of Portage
New Window Shade System Interior
Design Services

City of Sturgis
Young Auditorium
Interior Renovation & Master Plan

City of Sturgis
Young Auditorium
Lower-Level Restroom Renovations

Heritage Community of Kalamazoo
Memory Care Learning Center



Lauren DeHaan

Interior Designer

Lauren, a graduate of Western Michigan University, serves as an Interior Designer and works alongside another Western Michigan University graduate, Suzanne Nemeth, NCIDQ. She is involved with the production and design of various projects. She has experience in space planning, program development, materials, furniture and equipment selections, as well as CAD drafting work. Lauren is proficient in Revit, Sketchup and the Adobe Suites programs.

Education

Bachelor of Science in Interior Design
Minor in General Business
Western Michigan University, 2017

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

*Services performed while with another firm.

Project Experience

Branch County
New Jail & Sheriff's Office

Ferris State University
New BIT Lab

Heritage Community of Kalamazoo
Memory Care Learning Center

Richland Area Community Center
Office & Restroom Renovation

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

Dermatology Associates of West
Michigan
New Medical Facility

Advia Credit Union
New Headquarters Facility

Viking Group, Inc.
New Headquarters Facility

The Creamery
Mixed-Use Development

The Exchange
Mixed-Use Development

Chemical Bank
Tenant Fit-Out at The Exchange Building

Phoenix Properties
Tenant Fit-Out at The Exchange Building

Kingdom Sports Indoor Center
New Daycare Center

Jansen Valk Thompson Reahm PC
Kalamazoo Office Remodel

Jansen Valk Thompson Reahm PC
Dowagiac Office Renovation

AVB, Inc.
Corporate Office Expansion &
Renovation

AVB, Inc.
Corporate Office Interior Renovations

City of Kalamazoo
City Hall 3rd & 4th Floor & City Clerk's
Office Renovation*

Kalamazoo Public Library – Downtown
Location
I.T. Department Office*

Kalamazoo Public Library – Oshtemo
Location
Staff Workroom*

Kalamazoo Parks & Recreation
Front Office Reception & Waiting Area*



Adam Poznanski, PE, BEMP, LEED AP BD+C

Senior Mechanical Engineer

Mr. Poznanski serves as Senior Mechanical Engineer at Byce & Associates, Inc. His responsibilities include assisting project managers in all aspects of HVAC design, developing new heating system options, and determining costs and benefits. His expertise in CAD and other industry software is utilized during these designs. These specialities allow Mr. Poznanski to prepare and modify reports, specifications, plans and construction drawings. He excels within educational, industrial, commercial and healthcare facility design and protocol.

Education

Bachelor of Science in Mechanical Engineering
Western Michigan University, 2005

Registration

Professional Engineer – Michigan
Building Energy Modeling Professional
LEED Accredited Professional

Professional Affiliations

American Society of Heating, Refrigerating and Air
Conditioning Engineers (ASHRAE)
U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum
(SWMSBF)

Project Experience

State of Michigan
Michigan Career & Technical Institute
New Dust Collector & HVAC Upgrades

State of Michigan
Michigan Commission of the Blind
Renovations & Additions

State of Michigan
Department of Corrections
New Huron Valley Food Service Building

State of Michigan
Secondary Complex Building
Automation System HVAC Upgrade

State of Michigan
Energy Center AHU Install

State of Michigan
Grand Tower
Air Handling Unit Replacement

State of Michigan
Records Building
Air Handling Unit Replacement

State of Michigan
Library & Historical Center
Restroom Upgrade

State of Michigan
Coldwater State Police Post
Boiler Replacement

Hillsdale County Courthouse
HVAC Renovation & Upgrade

Allegan County Area Technical &
Educational Center Chiller Replacement

Allegan County
Jail & Sheriff's Office Building Renovation

Washtenaw County Parks Independence
Lake Spray & Water Play Zone

Kalamazoo County
Gull Road Courthouse
Cooling Tower Replacement

Kalamazoo County
Maintenance Shop Building
HVAC Upgrade

Kalamazoo County Jail
Renovations & Additions

Branch County
New Jail & Sheriff's Office

Livingston County
Jail Expansion & Renovation

Delta County
New Jail & Sheriff's Office Renovation

Tipton County
New Jail



Glenn Glidden, PE, NCEES, LEED AP BD+C, GGP

Senior Mechanical Engineer

Mr. Glidden serves as a Senior Mechanical Engineer, leading the planning and designing of mechanical engineering projects. He is responsible for project schedules and timely completion of projects ranging from small, less complex to full scale. Mr. Glidden prepares and/or modifies reports, specifications, plans, construction schedules and designs for project. He has experience working with both the private and public sector in commercial, educational, governmental and institutional developments.

Education

Bachelor of Science in Mechanical Engineering
Western Michigan University, 2008

Registration

Professional Engineer – Michigan
LEED Accredited Professional
Green Globes Professional (GGP) Certification
National Council of Examiners for Engineering and Surveying (NCEES) Certified

Professional Affiliations

American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)
-West Michigan Chapter
-Governor - 2018
-President - 2017
-President Elect. - 2016
-Treasurer - 2015
-Secretary - 2014
U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)
LARA Board of Boiler Rules
-Board Member

Project Experience

State of Michigan
Coldwater State Police Post
Boiler Replacement

State of Michigan
MCTI - Chiller Replacement

State of Michigan
MCTI - Roof Study

State of Michigan
Yankee Springs Recreation Area
Shop/Garage Replacement

State of Michigan
Kalamazoo Psychiatric Hospital
Fire Suppression System Replacement

State of Michigan
Secondary Complex Building
Automation System HVAC Upgrade

State of Michigan
Secondary Complex Building
Forensics Lab

State of Michigan
Secondary Complex Retro Commissioning

State of Michigan
MDOT Construction & Technology
Bituminous Laboratory

State of Michigan
Capitol Complex - Controls Integration

State of Michigan
Muskegon Correctional Facility
Vocational Welding Renovation

State of Michigan
Muskegon Correctional Facility
Vocational Welding Booth Additions

State of Michigan
Muskegon Correctional Facility
Boiler Replacement

State of Michigan
Energy Center AHU Install

State of Michigan
Grand Rapids Home for Veterans
Access Control & Surveillance System

State of Michigan
Michigan Library & Historical Center
Restroom Upgrade

State of Michigan
Geagley Laboratory Building Controls &
Fire Panel Replacement

State of Michigan
Geagley Laboratory
Various Upgrade Projects

State of Michigan
G. Robert Cotton Correctional Facility
Boiler Replacement



Isaac Frank, EIT

Mechanical Engineer

Mr. Frank, a graduate of Western Michigan University, serves as a Mechanical Engineer for Byce & Associates, Inc. He has experience with both Revit and Navisworks. He also has experience working as a BIM Team Leader and Document Specialist. Mr. Frank assists in the analysis of reports, drawings, tests and field work for mechanical projects. He assists in the preparation of reports, specifications, plans, and construction documents for various projects. He has experience working on government, industrial, educational, and commercial projects.

Education

Bachelor of Science in Mechanical Engineering
Western Michigan University, 2017

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

Project Experience

State of Michigan Grand Tower AHU Replacement Design	Tipton County New Jail
State of Michigan Geagley Laboratory Building Controls & Fire Panel Replacement	Kalamazoo County Administration Building Chiller Replacement
State of Michigan G. Robert Cotton Correctional Facility Boiler Replacement	Kalamazoo County Maintenance Shop Building HVAC Upgrade
State of Michigan Muskegon Correctional Facility Vocational Welding Booth Addition	Branch County New Jail & Sheriff's Office
State of Michigan Lakeland Correctional Facility Freezer Addition	Branch County Commission on Aging HVAC Study
State of Michigan Coldwater State Police Post Boiler Replacement	St. Joseph County Commission on Aging Rivers Enrichment Center & Residence
State of Michigan Milan Federal Correctional Institute Steam Pipe & Condensate System Replacement	City of Kalamazoo Wastewater Reclamation Plant Lab Renovation
Macomb County Jail Renovation & Addition	Charles & Lynn Zhang Portage Community Senior Center New Facility
Berrien County Jail Intake Renovation & Expansion	Kalamazoo Township Township Office HVAC Upgrade
Delta County New Jail & Sheriff's Office Renovation	West Bloomfield Township Splash Pad & Park
	Tekonsha Township Fire Department Design



Trevor Richardson, EIT

Mechanical Engineer

Mr. Richardson, a graduate of Western Michigan University, serves as a Mechanical Engineer at Byce & Associates, Inc. Mr. Richardson assists in the analysis of reports, drawings, tests and field work for mechanical projects. He assists in the preparation of reports, specifications, plans, and construction documents for various projects.

Education

Bachelor of Science in Mechanical Engineering
Western Michigan University - 2017

Registrations

Engineer-in-Training (EIT)

Project Experience

State of Michigan
Kalamazoo Psychiatric Hospital
Fire Suppression System Replacement

State of Michigan
Muskegon Correctional Facility
Vocational Welding Booth Additions

State of Michigan
Jackson Complex Energy Performance
Project

State of Michigan
Lakeland Correctional
Facility Freezer Addition

State of Michigan
Geagly Labs Building Controls & Fire
Panel Replacement ISID

State of Michigan
G. Robert Cotton Correctional
Facility Boiler Replacement

State of Michigan
Milan Federal Correctional Institute Steam
Pipe & Condensate System Replacement

State of Michigan
MCTI - Chiller Replacement

Michigan State Housing Development
Authority - Kamper Stevens Apartments

Berrien County
Jail Intake Remodel

Delta County
New Jail & Sheriff's Office Renovation

Kalamazoo County
Lamont Maintenance Shop
Boiler Replacement

Tipton County
New Jail

Branch County
New Jail & Sheriff's Office

St. Joseph County
Commission on Aging
Rivers Enrichment Center & Residence

City of Kalamazoo
Wastewater Reclamation Plant
Lab Renovation

City of Sturgis
Maintenance Facility
Ventilation Upgrades

City of Litchfield
Community Pool Upgrade & Splash Pad

City of Muskegon
Water Filtration Plant & Harvey Booster
Station

Charles & Lynn Zhang Portage
Community Senior Center
New Facility



Matt Fraser

Mechanical Engineer

Mr. Fraser has over 7 years of experience as a Mechanical Engineer and the design of mechanical systems. Mr. Fraser assists in the analysis of reports, drawings, tests and field work for mechanical projects. He prepares reports, specifications, plans, and construction documents for various projects. Mr. Fraser uses computer assisted engineering and design software and equipment to prepare engineering and design documents. He has experience working on industrial, commercial, educational, correctional, governmental, and institutional developments.

Education

Bachelor of Science in Mechanical Engineering
Western Michigan University - 2013

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

Project Experience

State of Michigan
Geagley Laboratory Building
Controls & Fire Panel Replacement

State of Michigan
Geagley Laboratory
Various Improvement Projects

State of Michigan
Muskegon Correction Facility
Boiler Replacement

State of Michigan
Muskegon Correctional Facility
Vocational Welding Renovation

State of Michigan
Jackson Complex
Energy Performance Project

State of Michigan
Grand Tower Air Handling Unit
Replacement Design

State of Michigan
Grand Rapids Home for Veterans
Access Control & Surveillance System

State of Michigan
Yankee Springs Recreation Area Shop/
Garage Replacement

State of Michigan
Michigan Library & Historical Center
Restroom Upgrade

State of Michigan
Lakeland Correctional
Facility Freezer Addition

Livingston County Jail
Addition & Renovation

Branch County
Jail Study

Branch County
New Jail & Sheriff's Office

Branch County
Commission on Aging HVAC Study

Berrien County
Jail Intake Renovation & Expansion

Delta County
New Jail & Sheriff's Office Renovation

Kalamazoo County
Gull Road Courthouse Cooling Tower
Replacement

Kalamazoo County
Administration Building Cooling Coil
Replacement

Kalamazoo County
Lamont Maintenance
Shop Boiler Replacement

Tipton County
New Jail



Chuck Shoudel, CPD, GPD, GGP

Senior Mechanical Designer

Mr. Shoudel is a CAD designer with over 30 years experience working in the preparation of engineering/architectural drawings. He is skilled in computer-based drafting skills, preparing civil, mechanical, structural, architectural, and electrical drawings. Mr. Shoudel prepares engineering drawings and construction specifications for commercial, educational, correctional, and institutional projects.

Education

Associates of Applied Science in
Electrical Technology
Kalamazoo Valley Community College
2011 with honors

Certificate of Sprinkler & other Automatic Fire
Suppression Systems
University of Wisconsin - 2007

Certificate of Plumbing Systems Design
University of Wisconsin - 2007

Associates of Applied Science in Architectural
Engineering Technology
ITT Technical Institute - 1986

Registration

Green Globes Professional (GGP)
Certified in Plumbing Design (CPD)
Green Plumbing Design (GPD)

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum
(SWMSBF)

Project Experience

State of Michigan
Secondary Complex Building Automation
System HVAC Upgrade

State of Michigan
MDOT Construction & Technology
Bituminous Laboratory

State of Michigan
Muskegon Correctional Facility
Boiler Replacement

State of Michigan
Muskegon Correctional Facility
Vocational Welding Renovation

State of Michigan
Kalamazoo Psychiatric Hospital
Fire Suppression System Replacement

State of Michigan
Kalamazoo Psychiatric Hospital
Various Improvement Projects

State of Michigan
Handlon Correctional Facility
New Fire Alarm System

State of Michigan
Bay Pines CCTV Upgrades

State of Michigan
Jackson Complex
Energy Performance Project

State of Michigan
Grand Tower
Air Handling Unit Replacement

State of Michigan
Grand Rapids Home for Veterans
Access Control & Surveillance System

State of Michigan
Lakeland Correctional Facility
Fire Alarm Upgrades

State of Michigan
Michigan Library & Historical Center
Restroom Upgrade

State of Michigan
Geagley Laboratory Building Controls &
Fire Panel Replacement

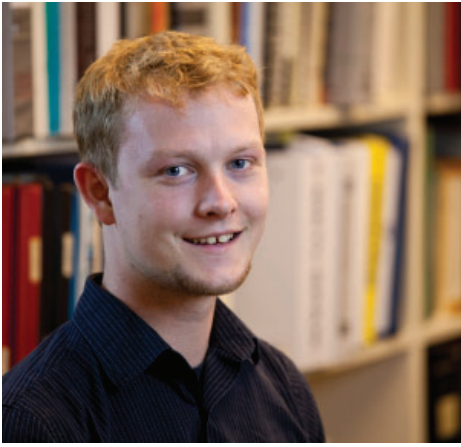
Allegan County
Jail & Sheriff's Office Building Renovation

Branch County
New Jail & Sheriff's Office

Hillsdale County
Courthouse HVAC Study

Tipton County
New Jail

Delta County
New Jail & Sheriff's Office Renovation



Keith Martinez, PE, LC, LEED AP BD+C

Electrical Engineer

Mr. Martinez serves as an Electrical Engineer with Byce & Associates, Inc. Mr. Martinez assists in the analysis of reports, drawings, tests and field work for electrical projects. He assists in the preparation of reports, specifications, plans, and construction documents. Mr. Martinez performs drafting and technical support, as well as, job specific quality system tasks for each project. He has experience working on commercial, educational, correctional, governmental, and institutional developments.

Education

Bachelor of Science in Electrical Engineering
Minor in Mathematics
Western Michigan University, 2013

Registration

Professional Engineer – Michigan
LEED Accredited Professional
National Council on Qualifications for the Lighting Professions – Lighting Certification

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

Project Experience

State of Michigan
Lakeland Correctional Facility
Sally Port Repair, Perimeter Road Repair
& Security Gates Upgrade

State of Michigan
Lakeland Correctional Facility
Fire Alarm Upgrades

State of Michigan
Lakeland Correctional Facility
Primary Electrical Upgrade

State of Michigan
Yankee Springs Recreational Area
Shop/Garage Replacement

State of Michigan
Kalamazoo Psychiatric Hospital
IP Surveillance

State of Michigan
Kalamazoo Psychiatric Hospital
Various Improvement Projects

State of Michigan
Kalamazoo Psychiatric Hospital
Fire Suppression System Replacement

State of Michigan
Muskegon Correction Facility
Welding Booth Additions

State of Michigan
Muskegon Correctional Facility
Boiler Replacement

State of Michigan
Muskegon Correctional Facility
Vocational Welding Renovation

State of Michigan
Handlon Correctional Facility
New Fire Alarm System

State of Michigan
Jackson Complex
Energy Performance Project

State of Michigan
Grand Tower Air Handling Unit
Replacement

State of Michigan
Grand Rapids Home for Veterans Access
Control & Surveillance System

State of Michigan
Geagley Laboratory Building Controls &
Fire Panel Replacement

State of Michigan
Geagley Laboratory
Various Improvement Projects

State of Michigan
G. Robert Cotton Correctional Facility
Boiler Replacement

State of Michigan
Coldwater State Police Post
Boiler Replacement



Matthew Wyman

Electrical Engineer

Mr. Wyman serves as an Electrical Engineer with Byce & Associates, Inc. He assists in the analysis of reports, drawings, tests and field work for electrical projects. Mr. Wyman also assists in the preparation of reports, specifications, plans, and construction documents. He has experience working on government, educational, correctional, industrial and commercial projects.

Education

Bachelor of Science in Electrical Engineering
Minor in Mathematics
Western Michigan University, 2016

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

Project Experience

State of Michigan
Geagley Laboratory Building Controls &
Fire Panel Replacement

State of Michigan
Huron Valley Correctional Facility
Sally Port Security Improvements

State of Michigan
Lakeland Correctional
Facility Freezer Addition

State of Michigan
Cooper Street Correctional Facility
Security Fences Study

State of Michigan
Coldwater State Police Post
Boiler Replacement

State of Michigan
MCTI - Chiller Replacement

Delta County
New Jail & Sheriff's Office Renovation

Berrien County
Jail Intake Renovation & Expansion

Tipton County
New Jail

Macomb County Jail
Architectural & Engineering Services

Kalamazoo County
Maintenance Shop Building HVAC
Upgrade

Kalamazoo County
Administration Building Chiller
Replacement

Branch County
New Jail & Sheriff's Office

Road Commission of Kalamazoo
Facility Assessment & Master Plan

St. Joseph County
Commission on Aging
Rivers Enrichment Center & Residence

City of Sturgis
Police/Fire Station
Generator Replacement

City of Sturgis
Young Auditorium
Interior Renovation & Master Plan

City of Kalamazoo
Wastewater Reclamation Plant Lab
Renovation

West Bloomfield Township
Splash Pad & Park

Kalamazoo Township
Township Office HVAC Upgrade



Jacob Killman

Electrical Engineer

Mr. Killman serves as an Electrical Engineer with Byce & Associates, Inc. He assists in the analysis of reports, drawings, tests and field work for electrical projects. Mr. Killman also assists in the preparation of reports, specifications, plans, and construction documents. He has experience working on manufacturing, correctional, commercial, and industrial projects.

Education

Bachelor of Science in Electrical Engineering and Psychology
Double Minor in Mathematics and Physics
Western Michigan University, 2018

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

Project Experience

State of Michigan
Milan Federal Correctional Institute Steam Pipe & Condensate System Replacement

Berrien County
Jail Intake Remodel

Tipton County
New Jail

Kalamazoo County
Maintenance Shop Building
HVAC Upgrade

Branch County
New Jail & Sheriff's Office

City of Portage
Interior Renovations of City Manager Office Suite

City of Kalamazoo Public Safety
300 Nazareth Road Site Lighting

Kalamazoo Township
Township Office HVAC Upgrade

Tekonsha Township
Fire Department Design

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

Kalamazoo Public Library
Central Library Boiler Replacement

Heritage Community of Kalamazoo
Memory Care Learning Center

Northern Lights YMCA
MTEC Building Reuse Project

Niles-Buchanan YMCA
Addition

Charles & Lynn Zhang Animal Care & Resource Center
New Facility

Kalamazoo Nature Center
Zero Net Energy Business Pilot Program

Kalsec, Inc.
New Pilot Plant

Advia Credit Union
New Headquarters Facility

Vicksburg Mill
Multi-Use Redevelopment

The Creamery
Mixed-Use Development

Viking Group, Inc.
New Headquarters Facility

Darling Ingredients
UV Treatment System

First Baptist Church
Life Safety Plan



Alex Whipple

Electrical Engineering Intern

Mr. Whipple serves as an Electrical Engineer Intern with Byce & Associates, Inc. He assists in the analysis of reports, drawings, tests and field work for electrical projects. Mr. Whipple also assists in the preparation of reports, specifications, plans, and construction documents. He has experience working on government, educational, correctional, industrial and commercial projects.

Education

Bachelor of Science in Electrical Engineering
Western Michigan University, Currently Attending

Project Experience

Branch County
New Jail & Sheriff's Office

J. Rettenmaier
Production Line 7 Electrical Upgrades

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

First Baptist Church
Life Safety Plan

Niles-Buchanan YMCA
Addition

Northern Lights YMCA
MTEC Building Reuse Project

Heritage Community of Kalamazoo
Memory Care Learning Center

Advia Credit Union
New Headquarters Facility

Byce & Associates, Inc.
Office Remodeling

Kalsec, Inc.
New Pilot Plant

Pure Coast Holdings, LLC
New Greenhouse

Michigan Building
Snow-melt Streetscape

Wil-Kast, Inc.
New Facility & Process Design



Bryan Webster, PE, NCEES, LEED AP

Vice President / Civil/Structural Engineering

Mr. Webster is responsible for the management of the Civil and Structural Departments for Byce & Associates, Inc. His 26 years of experience comprises of a wide variety of civil/structural engineering and construction experience. As the Vice President, Bryan coordinates and communicates with everyone involved in projects requiring those disciplines. He is involved in every step of the project from start to finish. Mr. Webster's work history includes industrial, commercial, educational and institutional facilities, and civil/site design.

Education

Bachelors of Science in Civil Engineering
Michigan State University, 1994

Registration

Professional Engineer - Michigan, Kentucky,
Arkansas, & Missouri
Registered Code Official and Inspector - State of
Michigan
Certified Storm Water Operator
LEED Accredited Professional
National Council of Examiners for Engineering and
Survey

Professional Affiliations

National Ready Mixed Concrete Association
(NRMCA)
-Inspecting Engineer #808577
Michigan Society of Professional Engineers (MSPE)
-Past President, Western Michigan Chapter
American Society of Civil Engineers (ASCE)
-Past Director of Lansing Branch
Structural Engineers Association of Michigan
(SEAMI)
American Concrete Institute (ACI)
U.S. Green Building Council
-Member
S.W. Michigan Sustainable Business Forum
-Member

Project Experience

State of Michigan Lakeland Correctional Facility Sally Port Repair, Perimeter Road Repair & Security Gates Upgrade	State of Michigan Grand Tower Air Handling Unit Replacement
State of Michigan Lakeland Correctional Facility Freezer Addition	State of Michigan Huron Valley Correctional Facility Sally Port Security Improvements
State of Michigan Kalamazoo Psychiatric Hospital Improvements Project	State of Michigan Ionia Correctional Facility Paving Repairs
State of Michigan MDOT Construction & Technology Bituminous Laboratory	State of Michigan ISD 00426 Huron Valley C Sally Port East Security Improvements
State of Michigan Michigan Commission of the Blind Renovations & Additions	Allegan County Area Technical & Educational Center Machine Shop Lab Renovation
State of Michigan Department of Corrections New Huron Valley Food Service Building	Allegan County Area Technical & Educational Center Chiller Replacement
State of Michigan Energy Center AHU Install	Kalamazoo County Jail Renovations & Additions
State of Michigan Secondary Complex Building General Service Building HVAC Replacement	Delta County New Jail & Sheriff's Office Renovation
State of Michigan Records Building Air Handling Unit	Kalamazoo County Gull Road Courthouse Cooling Tower Replacement
	Hillsdale County Courthouse HVAC Upgrades



Cal Dunham, PE

Structural Engineer

Mr. Dunham serves as a Structural Engineer at Byce & Associates, Inc. With over 10 years of experience, Mr. Dunham has been actively engaged in the engineering design and construction of industrial, commercial, educational and institutional facilities. He coordinates the planning, design and direction of engineering projects, serves as a project manager or project engineer and as a designated client contact. Mr. Dunham has experience with structural framing and foundations for various project types.

Education

Bachelors of Science in Civil Engineering
Michigan Technological University, 2009
Bachelors of Science in Electrical Engineering
Michigan Technological University, 2005

Registration

Professional Engineer – Michigan

Professional Affiliations

American Society of Civil Engineers (ASCE)
American Institute of Steel Construction (AISC)
Structural Engineers Association of Michigan (SEAMi)
U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum (SWMSBF)

Project Experience

State of Michigan
Jackson Complex
Energy Performance Project

State of Michigan
Coldwater State Police Post
Boiler Replacement

State of Michigan
Milan Federal Correctional Institute Steam
Pipe & Condensate System Replacement

State of Michigan
Huron Valley Correctional Facility
Sally Port Security Improvements

Kalamazoo County
Gull Road Courthouse
Cooling Tower Replacement

Berrien County
Jail Intake Renovation & Expansion

Delta County
New Jail & Sheriff's Office Renovation

Branch County
New Jail & Sheriff's Office

Harrison County
Justice Center

City of Kalamazoo
Wastewater Reclamation Plant
Lab Renovation

City of Litchfield
Community Pool Upgrade & Splash Pad

West Bloomfield Township
Splash Pad & Park

Kalamazoo Township
Township Office HVAC Upgrade

Tekonsha Township
Fire Department Design

Niles Department of Public Works
Tornado Damage Rebuild

Heritage Community of Kalamazoo
Master Plan

Heritage Community of Kalamazoo
Memory Care Learning Center

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

Advia Credit Union
New Headquarters Facility

The Exchange
Mixed-Use Development

Northside Association for Community
Development
Hydroponic Garden & Nutrition
Resource Center Renovation



Peter Oudsema, PE, LEED Green Associate

Structural Engineer

Mr. Oudsema serves as a Structural Engineer for Byce & Associates, Inc. He has seven years of experience working as a Structural Engineer, joining us upon graduation from Western Michigan University. Mr. Oudsema has been actively engaged in the engineering design and construction of industrial, commercial, educational and institutional facilities. Mr. Oudsema has experience with many industrial and commercial buildings ranging from small maintenance and renovations through multi-million dollar projects.

Education

Bachelor of Science in Civil Engineering
Western Michigan University - 2013

Registrations

Professional Engineer – Michigan
LEED Green Associate

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum
(SWMSBF)

Project Experience

State of Michigan
Grand Tower Air Handling Unit
Replacement

State of Michigan
Kalamazoo Psychiatric Hospital
Various Improvement Projects

State of Michigan
Library & Historical Center Restroom
Upgrades

Berrien County Health Department
Structural Sketches

Branch County
New Jail & Sheriff's Office

Branch County
Animal Control Facility - Design Build

St. Joseph County
Commission on Aging
Rivers Enrichment Center & Residence

City of Sturgis
Softball Complex Concession & Restroom
Facility

City of Sturgis
Young Auditorium
Interior Renovation & Master Plan

City of Muskegon
Water Filtration Plant & Harvey Booster
Station

Allegan Airport
Terminal Addition

Charles & Lynn Zhang Portage
Community Senior Center
New Facility

Niles - Buchanan YMCA
Addition

Waldron Area Schools
Upgrades & Renovations

Kalamazoo Area Building Authority
Pole Barn Structural Analysis

Advia Credit Union
New Headquarters Facility

Viking Group, Inc.
New Headquarters Facility

The Creamery
Mixed-Use Redevelopment

The Exchange
Mixed-Use Development

Michigan Regional Council of
Carpenters Union Hall & Apprentice
Training Center

Kalamazoo Civic Theatre
Civic Theatre Boiler & Piping
Replacement Analysis



Danielle Rhodes, LEED Green Associate

Civil Engineer

Ms. Rhodes has over 10 years of experience in Civil Engineering. She brings with her a work ethic focused on integrity, accountability, and technical excellence with a commitment to superior client service. Ms. Rhodes has a vast knowledge in Sustainability & Environmental Regulations, Transportation Planning, Energy Technology & Policy, Water Resources, Planning, and Stormwater Management. Ms. Rhodes offers experience in design & drafting of unique site layout applications, public & private utility systems, site drainage & grading plans as well as the knowledge of zoning codes and permitting processes.

Education

Bachelors of Science in Civil Engineering
Michigan Technological University, 2010

Registration

LEED Accredited Professional

Professional Affiliations

U.S. Green Building Council

-Member

S.W. Michigan Sustainable Business Forum

-Member

American Society of Civil Engineers SW MI Branch
(ASCE)

Project Experience

State of Michigan

Kalamazoo Psychiatric Hospital

Various Improvement Projects

State of Michigan

Yankee Springs Recreation Area

Shop/Garage Replacement

State of Michigan

Muskegon Correctional Facility

Vocational Welding Renovation

State of Michigan

Lakeland Correctional Facility

Sally Port Repair, Perimeter Road Repair &
Security Gates Upgrade

State of Michigan

Ionia Correctional Facility

Pavement Improvements

State of Michigan

Huron Valley Correctional Facility

Sally Port Security Improvements

Kalamazoo County Jail

Renovations & Additions

Kalamazoo County

River Oaks Park Upgrades

Muskegon County

Jail Feasibility Study

Berrien County

Jail Intake Renovation & Expansion

Allegan County

Jail & Sheriff's Office Building Renovation

Delta County

New Jail & Sheriff's Office Renovation

Branch County

New Jail & Sheriff's Office

Schoolcraft County

Jail Feasibility Study

Tuscola County

New Jail

Benzie County

Government Center & Sheriff/Jail Space
Needs Analysis

St. Joseph County

Commission on Aging

Rivers Enrichment Center & Residence

Road Commission of Kalamazoo

Facility Assessment & Master Plan

City of Portage

Senior Center Master Planning

Charles & Lynn Zhang Portage

Community Senior Center

New Facility

City of Sturgis

Young Auditorium Interior Renovation &
Master Plan



Maghan Homan

Civil Engineer

Mrs. Homan serves as a Civil Engineer for Byce & Associates, Inc. Maghan has experience in AutoCAD, Risa 3D, Civil 3D and Bluebeam. She assists in the civil design, documentation, specifications, field verification, and construction administration of civil engineering projects conducted here at Byce & Associates, Inc. Mrs. Homan has experience in healthcare, correctional, industrial, commercial, educational and retail facilities.

Education

Bachelor of Science in Civil Engineering
Minor in Mathematics
Western Michigan University, 2018

Associates of General Studies
North Central Michigan College, 2013

Professional Affiliations

Michigan Department of Environment, Great Lakes, & Energy (EGLE)
-Certified Storm Water Operator
American Society of Civil Engineers SW MI Branch (ASCE)
-Secretary

Project Experience

Branch County
New Jail & Sheriff's Office

Schoolcraft County Jail
Feasibility Study

Tuscola County
New Jail

Road Commission of Kalamazoo
Facility Assessment & Master Plan

City of Litchfield
Community Pool & Splash Pad Upgrades

Heritage Community of Kalamazoo
Independent Living
Civil Engineering

Heritage Community of Kalamazoo
Memory Care Learning Center

Hampton Manor Premier Assisted Living
New Oshtemo Assisted Living Facility

Vicksburg Mill
Multi-Use Redevelopment

Advia Credit Union
New Headquarters Facility

Niles-Buchanan YMCA
Addition

The Creamery
Mixed-Use Development

Charles & Lynn Zhang Animal Care & Resource Center
New Facility

Bell's Brewery, Inc.
North Cooler Building Renovation

Kingdom Sports Indoor Center
New Daycare Center

Comerica Building
Snow-Melt Streetscape

Michigan Building
Snow-Melt Streetscape

Clemens Food Group
Hatfield Pennsylvania Wastewater Treatment Plant Upgrades

Kalamazoo Gallery, Inc.
Tenant Improvements

Alpha Chi Omega
Fire Suppression

Orange Tree Properties, LLC
Storm Water Management & Landscape Compliance Plans

Dragonfly Kitchen
New PEMB Production Building

Kalsec, Inc.
New Pilot Plant



Bob Loftis

Revit/BIM Technician

Mr. Loftis serves as the Senior CAD Designer for Byce & Associates, Inc. He has over 33 years of experience working in the preparation of engineering drawings and working with the application of engineering design and computer based drafting skills and knowledge in preparing civil, mechanical, structural, architectural, and electrical drawings. Mr. Loftis leads the CAD drafting department in following the specifics and protocol of all Byce & Associates, Inc. drawing documents.

Education

Associates of Applied Science in
Architectural Engineering Technology
ITT Technical Institute - 1987

Professional Affiliations

U.S. Green Building Council (USGBC)
S.W. Michigan Sustainable Business Forum
(SWMSBF)

Project Experience

State of Michigan
Michigan Library & Historical Center
Restroom Upgrade

State of Michigan
Coldwater State Police Post
Boiler Replacement

State of Michigan
Kalamazoo Psychiatric Hospital
IP Surveillance System

State of Michigan
Kalamazoo Psychiatric Hospital
Various Improvement Projects

State of Michigan
Muskegon Correctional Facility
Boiler Replacement

State of Michigan
Muskegon Correctional Facility
Vocational Welding Renovation

State of Michigan
Handlon Correctional Facility
New Fire Alarm System

State of Michigan
Department of Corrections
New Huron Valley Food Service Building

State of Michigan
General Service Building
HVAC Replacement

State of Michigan
Secondary Complex Building Automation
System HVAC Upgrade

State of Michigan
MDOT Construction & Technology
Bituminous Laboratory

State of Michigan
Jackson Complex
Energy Performance Project

State of Michigan
G. Robert Cotton Correctional Facility
Security Gates

State of Michigan
G. Robert Cotton Correctional Facility
Boiler Replacement

State of Michigan
Grand Tower Air Handling Unit
Replacement Design

State of Michigan
Grand Rapids Home for Veterans
Access Control & Surveillance System

State of Michigan
Lakeland Correctional Facility
Fire Alarm System

State of Michigan
Lakeland Correctional Facility
Freezer Addition

SECTION I-3 MANAGEMENT SUMMARY, WORK PLAN, AND SCHEDULE

Our services plan for the State of Michigan, Department Technology, Management and Budget, for the professional services assistance in this Indefinite-Service, Indefinite-Delivery Professionals Services contract is to provide the Department in timely, professional and ethical manner providing review, analysis, documentation, design, engineering, bid and construction documents specific to each project including assisting as needed and as appropriate dependant upon the project needs and circumstances.

We understand that the course and extent of our services will be dependent upon the specific needs and requirements of the particular project scope, conditions, and circumstances. However, in all cases, we would provide these services in a professional, well executed, and efficient manner. This is a project type and services delivery methodology that we are well suited to perform given our firm's long history as consulting engineers to architects, large corporations, industry, and manufacturing. The very nature of consulting engineering is to respond quickly and effectively to a variety of project parameters and requirements and providing the services that are suited for each scenario.

Our specific work plan for each project will vary from project type to project type and will depend upon and be tailored to the needs parameters of the specific project. In every case though, we would provide a high value, consistent level of services tailored to each project with the goal of providing the highest return of investment while constantly driving the project forward to completion.

In each case we would assign the staff most suited for the project. In this regard we are well suited to provide these services as we have depth of experienced and licensed staff in architectural, civil, structural, mechanical, and electrical engineering. Many of our staff are "cross trained", with experience and talents that span multiple design or engineering disciplines. For instance, individuals that are both architects and structural engineers, or structural and civil engineers, or mechanical and electrical. This approach and the composition of our personnel creates a responsive, agile, adept and adaptable staff that can quickly and cost effectively respond to deliver on the demands of a variety of projects and project types which are referenced later in the Questionnaire.

We would propose to have a single point of contact from Byce & Associates, Inc. for the State, with that person overseeing and managing the services provided. That management contact, when appropriate could conduct the design, engineering, and documentation services, but when appropriate would assign and schedule the work to be executed by the most suitable or appropriate staff members.

This single point of management process will create a consistent and reliable point of contact and oversight of the services and deliverables. Each project will require its own specifically tailored work plan that meets the demands of each particular project. With a large staff, with a balanced ratio of licensed professionals and apprenticing architects and engineers in training we are able to respond quickly and effectively to each project as they arise.

Proposal for:

*State of Michigan
Department of Technology, Management & Budget
2021 Indefinite Scope Indefinite Delivery (ISID) for General Professional Design Services
Various Locations, Michigan*

SECTION I-4 QUESTIONNAIRE

See Attached



**Questionnaire for Professional Services
Department of Technology, Management and Budget
2021 Indefinite-Scope Indefinite-Delivery – Request for Qualifications
Architecture, Engineering, and Landscape Architecture Services
Various Locations, Michigan**

INSTRUCTIONS: Firms shall complete the following information in the form provided. A separate sheet may be used if additional space is needed; please key the continuation paragraphs to the questionnaire. Answer questions completely and concisely to streamline the review process.

ARTICLE 1: BUSINESS ORGANIZATION

- 1. Full Name: Byce & Associates, Inc.
Address: 487 Portage Street, Kalamazoo, Michigan 49007
Telephone and Fax: 269.381.6170 & 269.381.6176
Website: www.byce.com E-Mail: corporate@byce.com
SIGMA Vendor ID: CV0020474

If applicable, state the branch office(s), partnering organization or other subordinate element(s) that will perform, or assist in performing, the work: N/A

If awarded a contract and / or subsequent assignment(s), state the specific SIGMA business address which you would like associated for all communication (Contracts, Contract Order, Contract Modifications and Payments)? Byce & Associates, Inc. 487 Portage Street Kalamazoo, MI 49007

Please list all person(s) authorized to receive and sign a resulting contract and / or subsequent assignment(s). Please include persons name, title, address, email and phone number. James Escamilla, PE: President/CEO, 487 Portage Street Kalamazoo, MI 49007, jim.escamilla@byce.com, 269.381.6170. Brenda Longman: Vice President of Corporate Administration, I.T., and Accounting Manager, 487 Portage Street Kalamazoo, MI 49007, brenda.longman@byce.com, 269.381.6170. Bryan Webster, PE: Vice President / Civil/Structural Engineering, 487 Portage Street Kalamazoo, MI 49007, bryan.webster@byce.com, 269.381.6170. Michael Flynn, AIA: Vice President of Business Development/Architect, 487 Portage Street Kalamazoo, MI 49007, mike.flynn@byce.com, 269.381.6170.

- 2. Check the appropriate status:

Individual firm Association Partnership Corporation, or Combination – Explain: [Click or tap here to enter text.](#)

If you operate as a corporation, include the state in which you are incorporated and the date of incorporation: Michigan Corporation since 1959

Include a brief history of the Professional’s firm: Byce & Associates, Inc., a member of the Michigan Minority Business Development Council, has provided design services to our local, regional and national clients for over sixty years. Our Professional Architectural and Engineering services encompass from initial Facility Assessments, Planning, Project Studies, and Master Plans, to full-scale, full service Architectural & Engineering services. Project experience includes a strong emphasis in local, county, and state governmental related projects, healthcare, correctional, industrial, educational, commercial and institutional facilities. Located in Kalamazoo, Michigan, our staff of professionals and support personnel includes the following disciplines: Planning, Architecture, Interior Design, Mechanical Engineering, Electrical Engineering,

Civil Engineering, Structural Engineering, Building Commissioning. Our business is built on trust and confidence in the quality of our professional services provided to our clients. We are Architects and Engineers acting in the capacity of professional, licensed service providers, as your advocate and consulting advisor on your behalf.

3. Provide an organization chart depicting all personnel and their roles/responsibilities.
4. Provide an organization chart depicting key personnel and their roles for a typical assigned project. Include generic supporting staff positions.
5. Has there been a recent change in organizational structure (e.g., management team) or control (e.g. merger or acquisition) of your company? If the answer is yes: (a) explain why the change occurred and (b) how this change affected your company. No.
6. Provide a four year rate schedule per position.

ARTICLE 2: PROJECT TYPES AND SERVICES OFFERED

Identify **ALL** project types and professional services for which your firm is exceptionally qualified and experienced.

Provide attachments illustrating a minimum of three examples, with references, of successful projects performed in the last five years for each item checked. Identification of specialties will not exclude selected firms from project types but will assist the DCD Project Directors in matching firms with projects.

- | | |
|---|--|
| <input checked="" type="checkbox"/> ADA facility assessment and remodeling | <input checked="" type="checkbox"/> Toilet and/or shower room remodeling or design |
| <input checked="" type="checkbox"/> Boilers and steam systems | <input checked="" type="checkbox"/> Trail design and development |
| <input checked="" type="checkbox"/> Bridges – pedestrian and vehicular | <input checked="" type="checkbox"/> Wastewater systems |
| <input checked="" type="checkbox"/> Building and structure additions | <input checked="" type="checkbox"/> Water supply systems |
| <input checked="" type="checkbox"/> Building envelope investigation, repair, upgrade | |
| <input checked="" type="checkbox"/> Correctional facilities | |
| <input checked="" type="checkbox"/> Door and window replacement | |
| <input checked="" type="checkbox"/> Fire and security alarm systems | |
| <input type="checkbox"/> Fish passage structures | |
| <input checked="" type="checkbox"/> General architectural and/or engineering design | |
| <input checked="" type="checkbox"/> HVAC equipment replacement, upgrade, selection | |
| <input checked="" type="checkbox"/> HVAC controls replacement, upgrade, selection | |
| <input checked="" type="checkbox"/> Interior remodeling and renovation | |
| <input checked="" type="checkbox"/> Laboratory facilities | |
| <input type="checkbox"/> Landscape architecture | |
| <input type="checkbox"/> Land Planning | |
| <input type="checkbox"/> Locks, Dams, Water Diking Systems and Water Control Structures | |
| <input checked="" type="checkbox"/> Maintenance and facility preservation | |
| <input type="checkbox"/> Marine work - boat launch facilities, docks, harbors | |
| <input type="checkbox"/> Parking and paving | |
| <input checked="" type="checkbox"/> Recreation and Sports Facilities / Fields | |
| <input checked="" type="checkbox"/> Roof repair, restoration and/or replacement design | |
| <input type="checkbox"/> Soil Erosion Sedimentation Controls | |
| <input type="checkbox"/> Site surveying | |
| <input checked="" type="checkbox"/> Stormwater management and drainage plans | |
| <input checked="" type="checkbox"/> Structural investigation and assessment | |

PROJECT TEAM ORGANIZATION CHART



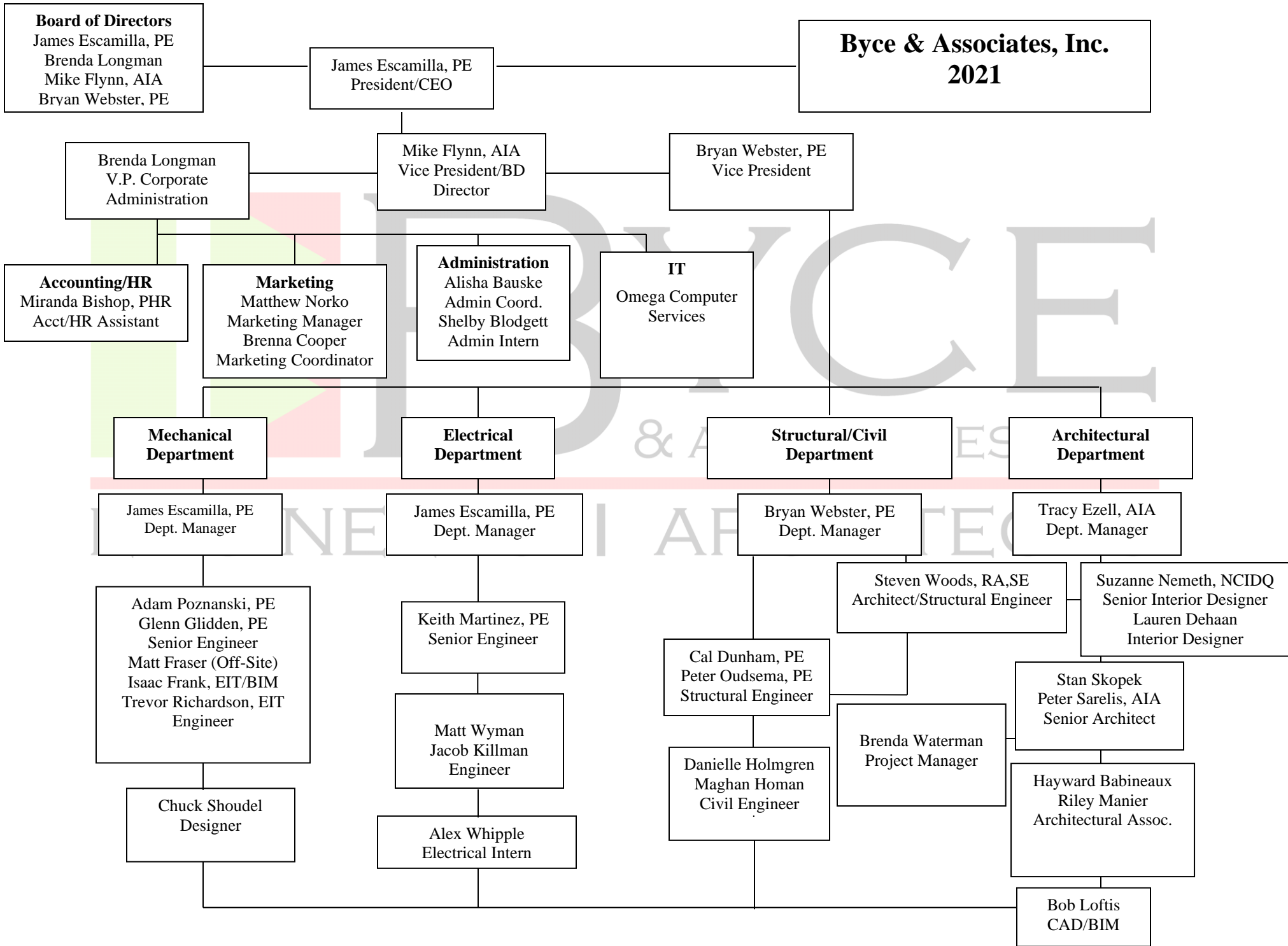
Tracy Ezell, AIA
Senior Architect /
Project Manager

James Escamilla, PE
President / CEO – Quality Control
Michael Flynn, AIA, NCARB
Architect / Principal-in-Charge

ARCHITECTURE
Michael Flynn, AIA, NCARB
Architect / Vice President
Tracy Ezell, AIA
Senior Architect / Project Manager
Stan Skopek, RA
Senior Architect / Project Manager
Peter Sarelis, AIA
Senior Architect
Steven Woods, RA, NCARB, SE
Senior Architect / Structural
Engineer
Brenda Waterman
Project Manager
Hayward Babineaux, Assoc. AIA
Architectural Associate
Riley Manier
Architectural Associate
Bob Loftis
REVIT/BIM Technician
INTERIOR DESIGN
Suzanne Nemeth, NCIDQ
Senior Interior Designer
Lauren DeHaan
Interior Design

MECHANICAL
James Escamilla, PE
Mechanical Engineer / President
Adam Poznanski, PE
Senior Mechanical Engineer
Glenn Glidden, PE
Senior Mechanical Engineer
Isaac Frank, EIT
Mechanical Engineer / BIM
Coordinator
Trevor Richardson, EIT
Mechanical Engineer
Matt Fraser
Mechanical Engineer
Chuck Shoudel
Senior Mechanical Designer
ELECTRICAL
Keith Martinez, PE
Electrical Engineer
Matthew Wyman
Electrical Engineer
Jacob Killman
Electrical Engineer
Alex Whipple
Electrical Engineer Intern

STRUCTURAL
Bryan Webster, PE
Structural Engineer / Vice
President
Steven Woods, RA, NCARB, SE
Senior Architect / Structural
Engineer
Cal Dunham, PE
Structural Engineer
Peter Oudsema, EIT
Structural Engineer
CIVIL
Bryan Webster, PE
Civil Engineer / Vice President
Danielle Holmgren
Civil Engineer
Maghan Homan
Civil Engineer



ARTICLE 3: PROJECT LOCATION

Identify the regions where your firm can most efficiently provide services. Assignments may vary from the regions checked, depending on the specialties and services required.

- Western Upper Peninsula (west of Marquette)
- Eastern Upper Peninsula (east of Marquette)
- Northern Lower Peninsula (north of Grayling)
- Saginaw Bay area (east of 127, north of I-69 and M 57, south of Grayling)
- Western Lower Peninsula (west of 127, north of Muskegon, south of Grayling)
- Central Lower Peninsula (east of Battle Creek, west of Chelsea, south of M 46 and M 57)
- Southwestern Lower Peninsula (west of Battle Creek, south of Muskegon)
- Southeastern Lower Peninsula (east of Chelsea, south of I-69)

ARTICLE 4: CONTRACT UNDERSTANDING

The following items should be addressed on the assumption that your firm is awarded an Indefinite-Scope, Indefinite-Delivery contract. (See attached sample contract).

4.1 Is it understood that your firm is required to respond to small projects (less than \$25,000) as well as larger projects?

Yes No

4.2 Is it understood that there is no guarantee of any work under this contract?

Yes No

4.3 Is it understood that your firm will be required to execute the attached standard State of Michigan contract language for professional services?

Yes No

4.4 Is it clearly understood that professional liability insurance is required at the time of execution of the ISID contract? (See Article 5 of the attached Sample Contract.)

Yes No

4.5 Is it understood that your firm must comply with State of Michigan law as it applies to your services?

Yes No

4.6 Is your firm familiar with Design and Construction's MICHSpec and DCSpec contracts and the enforcement of such?

Yes No

If yes, explain: We have worked with previous projects with the State of Michigan that has required the use and understanding of those specific Specification Documents.

4.7 Does your firm have prior experience working with the State of Michigan?

Yes No

If yes, explain: Please see attached our project experience listing located at the end of this questionnaire.

ARTICLE 5: CAPACITY AND QUALITY

5.1 Briefly describe your firm's methods and procedures for quality control for your deliverables and services. Byce & Associates, Inc. has established a quality management program based on the close supervision and participation of firm Principals in the design of all projects. Each project receives a detailed review before being released for bidding purposes. The results of our quality control speak to the effectiveness of the program. As a result of this level of design quality, clients return to Byce & Associates, Inc. for repeat work.

5.2 Has your firm been involved in claims or suits associated with professional services errors and/or omissions?

Yes No

If yes, explain: [Click or tap here to enter text.](#)

5.3 Will there be a key person who is assigned to a project for its duration?

Yes No

5.4 Please present your understanding of the relationship between your firm, the DTMB Design and Construction Division, and the State Agency for whom a project will be completed.

To look out for the best interest of the State of Michigan while producing a quality product.

5.5 Describe your approach if a bidder proposes a substitution of a specified material during bidding. The issue of Substitutions is typically defined in the front end of the Project manual or specifications, and is a question we typically ask whether our Client wants to entertain substitutions. We recommend that if so, the proposed substitution be conditionally based on the clause "or equal". The contractor submitting the proposed substitute must submit independent validation that the proposed substitute meets or exceeds the specific material or product.

5.6 Describe your approach if a contractor proposes a substitution of a specified material or detail with shop drawing submittals or in construction.

We may consider it, but typically we would reject the shop drawings submittal as it does not meet the specifications.

5.7 How will your firm provide consistent and continuous communication pertaining to project activities and project status to the State of Michigan during the progress of projects?

Byce & Associates, Inc. has a long history of providing highly responsive service to our clients. We respond quickly to our clients needs in many forms. We will utilize the customary communication techniques common in most business entities; telephone, facsimile, email communication, written reports and drawings. We will prepare and distribute all meeting minutes and notes to all parties. Telephone: Many issues can be resolved with a telephone conversation. Key employees at Byce & Associates, Inc. have cell phones and are available during normal business hours. E-mail: Byce & Associates, Inc. provides rapid written responses by e-mail. Response to Owners' and Contractors' questions, updated documents, such as specifications and drawings can be delivered essentially immediately. In Person: Byce & Associates, Inc. personnel can be at any location within the State of Michigan, should the need arise. Commitment: Byce & Associates, Inc. is committed to providing timely responses to the needs of the State of Michigan.

Byce & Associates, Inc. recognizes in today's marketplace clients expect fast-paced design and construction schedules. We have acclimated ourselves for many client's aggressive schedules in order to meet their business objectives. Our project managers are trained and skilled communicators. All questions and requests receive a response from the Project Manager in one day. The Project Manager's key role is to develop the Team communications in a way that all parties involved are kept updated and informed.

Considering our current state due to COVID-19, our team is well versed in utilizing various remote meeting platforms, primarily Microsoft Teams. This program is and has been our team's go to for remote communication and meetings. Additionally, the majority of our staff maintains a remote office connection for where they would typically be in the office, but continue to perform onsite coordination and project documentation, practicing all current COVID operating restrictions that are in place. Our team will work with all participating parties to make certain the safety, transparency, and efficiency are top of mind as we move through all projects.

- 5.8 Does your company have an FTP or similar site for quick posting and distribution of information, drawings, field inspection reports, and other communications?

Yes No

- 5.9 Describe your method of estimating construction costs and demonstrate the validity of that method.

1. Line item take off (CSI Masterformat based) to establish units and quantities.
2. Extension of units/quantities using historical cost data factored for local conditions.
3. Continuous cost data adjustment through consultation with local contractors, vendors, and economic forecasting resources.
4. Cross-check estimates using square foot historical cost data. i.e. R.S. Means Square Foot Cost.

- 5.10 Describe your approach to minimizing construction cost over-runs.

Byce & Associates, Inc. quality management program insures that each project receives a detailed review before being released for bidding purposes. Throughout the design process we perform frequent cost analysis and check costs with Contractors, vendors, etc.

- 5.11 What percentage of the PSC cost should be devoted to construction administration (office and field)?

1.5%

- 5.12 What portion of the assigned work will be performed with your staff and what portion will be provided by sub-consultants?

100%

- 6.13 On a typical project, what would be your response time, from the time receive a project assignment to starting investigation and design work? (A typical project might be one involving several disciplines and in the neighborhood of a \$25,000 fee.)

Depending on the level of urgency, but emergency response aside, a typical non urgent response would be roughly 7/1 Days/Weeks.

- 5.14 How do you assess whether a construction bidder is responsive and responsible?

First, familiarity with and thorough background research into the firm. Second, we rely on our own experience as architects, engineers and construction managers. Third, pre-bid conference level of participation, level and quality of RFI's, thoroughness of bid form. Fourth, the quality and depth of responses to post bid qualification meeting inquiries.

- 5.15 Describe your firm's understanding of Sustainable Design and LEED Certification.
Our engineering team has extensive experience with U.S. Green Building Council's LEED rating system, and our firm has eight LEED Accredited Professionals. We have Mechanical, Electrical, Structural, and Civil Engineering disciplines along with Architectural Services all available in house to be able to work through all aspects of the LEED certification process. We have completed several projects in the Version 2.1 and 2.2 rating system for LEED NC and we have completed projects for the LEED CI (Commercial Interiors) and LEED CS (Core and Shell). Many of our projects have or are currently going through the LEED certification process but some choose to be designed as LEED and not certified. The rating system is designed to be used as a guide to distinguish high performance buildings and design to these standards will minimize operational costs and make facilities more comfortable to occupants whether or not certification is desired. We will work with you to determine the points which make the most sense for each project type and building usage. A team approach is necessary which includes design professionals as well as building owners, construction trades, and users to tailor each LEED design to the job. Our experience has shown us that many LEED points can be met with simple practical design solutions.
- 5.16 Describe your experience with similar open-ended contracts.
We have provided professional services in the context of ISID type contracts to both public and private entities in the past and have performed and executed the services to the highest of standards. In any and all cases we develop a very complete narrative of the project understanding and scope and the proposed work plan and tasks with milestones and completions dates allowing us to quantify our projected effort and therefore estimate fees as a standard project management and quality assurance protocol. This documentation is part internal project management tool and part scope verification step with our clients on each project or individual work order.
- 5.17 Describe your methodology for obtaining information about the existence and condition of an existing, facility's components and systems.
Our approach is characterized as a broad based, collaborative, methodical, systematic and comprehensive facility forensics investigation and assessment process. Our multi-disciplinary team of architects and engineers comb through the available documentation from plans, specifications and shop drawings, interview maintenance staff, service contractors and building occupants and conduct a complete and thorough investigative tour of the facility documenting and assessing from roof top to site and utility infrastructure.
- 5.18 Describe your approach to securing permits/approvals for the following: campgrounds, critical dunes, coastal zone management, projects adjacent to Michigan lakes and rivers.
Our approach to permits/approvals is to meet early with the governing agency to define the parameters and expectations, then following up with review drawings and final permit drawings.
- 5.19 Describe your approach to a construction contractor's request for additional compensation for a change in the project scope.
As the Owner's contractual and fiduciary advocate and as professional architects and engineers, we do our absolute best to be as comprehensively complete in our design, engineering and documentation as possible. We interview and assess the likely contractor(s) and verify and validate that they have a complete understanding of the existing conditions and project scope. We scrutinize each and every request for information for hints of misalignment of project understanding or potential change order opportunities and respond fairly and effectively. If the request is deemed legitimate we will test and validate the requested additional compensation by several testing methodologies. In addition we will look for added value and change order deducts whenever possible. In short we have a professional and ethical responsibility to be prudent fiscal stewards on your behalf.

Byce & Associates, Inc. State of Michigan Experience

Byce & Associates, Inc. has a long history of providing planning, building commissioning, architectural, interior design, structural, civil, mechanical, and electrical engineering design for a wide array of clients. Throughout our sixty plus years of business we have worked with the State of Michigan as our client on many building studies, engineering upgrades, expansions and additions, renovations, and new construction. Below is a sampling of some of our previous and current State of Michigan project experience:

Projects

State of Michigan

Adrian Training School

CCTV Renovations

State of Michigan

Bellamy Creek MSI Building

New Building

State of Michigan

Capitol Complex

Controls Integration & EBI Replacement

State of Michigan

Department of Agriculture

Geagley Laboratory Various Improvements

State of Michigan

Department of Corrections

- Chiller Renovations
- Jackson Complex Energy Performance Project

State of Michigan

Department of Management & Budget

Conversion of Chiller Plant

State of Michigan

Department of Technology, Management & Budget

Replacement of Three (3) Boiler Economizers

State of Michigan

Energy Center

AHU Installation

State of Michigan

Family Independence Agency

Office Renovations/Remodel

State of Michigan

General Services Building Secondary Complex

- AHU Replacement
- Forensics Lab
- Retro Commissioning

State of Michigan

Grand Rapids Home for Veterans

Network Access Control & Surveillance System

State of Michigan

Grand Tower

AHU Replacement Design

State of Michigan

Joint Operations Center

Conversion of Chiller Plant to Operations Center

State of Michigan

Kalamazoo Psychiatric Hospital

- New Reception Desk
- Hospital Pharmacy
- Fire Suppression System Replacement

State of Michigan

Lewis Cass Building

HVAC Renovations

State of Michigan

Michigan Career & Technical Institute

- Dust Collector
- Roof Study
- Chiller Replacement

State of Michigan

Michigan Library & Historical Center

Restroom Upgrades

Byce & Associates, Inc. State of Michigan Experience

State of Michigan
Records Building
AHU Replacement Design

State of Michigan
Riverside Correctional Facility
Security System Upgrade

State of Michigan
Romney Building
Media Room Mechanical Systems Review

State of Michigan
Secretary of State Office Building
HVAC Upgrade

State of Michigan
Yankee Springs Recreation
Shop/Garage Replacement

Police Post/Crime Labs/Gun Range

Coldwater State Police Post
Boiler Replacement

Jackson Prison
Cooper Street Correctional Facility

- Gun Range Expansion
- New Housing Units
- Security Fences Study

Michigan State Police Post
Remodel

Michigan State Police Post/MDOT

- New Regional State Police Post
- Crime Lab
- Gun Range
- MDOT

County Buildings

Hillsdale County
New Office for Family Independence Agency

Kalamazoo County Juvenile Court
Addition & Renovation
New Court, Offices, Security System

Kalamazoo County Courthouse
Remodel of Courthouse

Kalamazoo County Administration Building
New Facility for Administration Offices

County Emergency- 911

Allegan County – New 911
Antrim County – New 911
Barry County – New 911
Cass County - 911 Study
Lapeer County – New 911
Manistee County – New 911
St. Joseph County – New 911
Charlevoix-Cheboygan-Emmett County – New 911

Correctional & Detention – Level One

Adrian Correctional Facility
Housing & Support Units

Baraga Correctional Facility

- New Housing Unit
- Two New Minimum-Security Prisons

Bellamy Creek MSI Building
New Housing Unit

Camp Ojibway & Marquette
Four Minimum Security Housing Units

Carson City Correctional Facility
Housing & Support Units

Cotton Correctional Facility

- Boiler Replacement
- Yard Restroom Replacement

Florence Crane

- Housing Unit for Women's Facility
- Food Services Building

Handlon Michigan Training Unit
New Gang Lock System

Byce & Associates, Inc. State of Michigan Experience

Huron Valley Correctional Facility

- HVAC Upgrade & CCTV
- Sally Port East Security Improvements

JackPine Hiawatha Correctional Facility Housing & Support Units

Jackson Parole Camp Additions to the Existing Facility

Kinross-Chippewa Correctional Facility Housing & Support Units

Lakeland Correctional Facility

- Sally Port Repair
- Road Reconstruction
- Security Fences
- Additions to Facility
- Fire Alarm Upgrades
- Electrical Service Replacement
- Freezer Addition

Michigan Reformatory F-Ward HVAC Upgrade

Mid-Michigan Education Center New Education Building

Muskegon Correctional Facility

- Housing & Support Units
- Boiler Replacement
- Vocational Welding Renovation
- Vocational Welding Addition

Parnall Correctional Facility Housing Unit Addition

Pugsley Correctional Facility New Housing Units

Riverside Correctional Facility

- Building 10 & 11 HVAC Upgrades
- Security System Upgrade
- Relocate Segregation Cells

State of Michigan

Ionia Correctional Facility

- Housing & Support Units
- Paving Repairs

St. Louis Correctional Facility New Housing Units & Support Facilities

Maximum Security Facilities

Alger Correctional Facility 96 Bed Maximum Security Prison

Ionia Maximum Security Prison 80 Bed New Maximum Security Prison

Standish Housing Units New Level 5 Site

Closed Circuit Security Systems

16 State of Michigan Correctional Facilities

- Oaks
- Baraga
- Brooks
- Cotton
- Macomb
- Muskegon
- Saginaw
- Scott
- Carson City
- Chippewa
- Thumb Area
- Western Wayne
- Mound
- Ryan
- Gus Harrison
- Huron Valley

Proposal for:

State of Michigan
Department of Technology, Management & Budget
2021 Indefinite Scope Indefinite Delivery (ISID) for General Professional Design Services
Various Locations, Michigan

PART II COST PROPOSAL

Byce & Associates, Inc.

Proposal for:

State of Michigan
Department of Technology, Management & Budget
2021 Indefinite Scope Indefinite Delivery (ISID) for General Professional Design Services
Various Locations, Michigan

SECTION 2-A

**POSITION, CLASSIFICATION AND
EMPLOYEE BILLING RATE**

Byce & Associates, Inc.

POSITION, CLASSIFICATION AND EMPLOYEE BILLING RATE INFORMATION

2021 Indefinite-Scope Indefinite-Delivery – Request for Proposal
 General Professional Design Services
 (Architecture, Engineering, Landscape Architecture)

Firm Name	Byce & Associates, Inc.
Yearly Hourly Billing Rate Increase	4%
Mark-up for Sub-Consultants (not to exceed 5%)	5%
Mark-up for Reimbursables (not to exceed 5%)	0%

Position/Classification	Year 1	Year 2	Year 3	Year 4
Principals**	155.00	161.20	167.65	173.85
Associate**	140.00	145.60	151.42	157.02
Senior Project Manager**	125.00	130.00	135.20	140.20
Project Manager**	120.00	124.80	129.79	134.59
Senior Engineer**	120.00	124.80	129.79	134.59
Senior Architect**	120.00	124.80	129.79	134.59
Project Architect**	90.00	93.60	97.34	100.94
Senior Interior Designer**	95.00	98.80	102.75	106.55
Mechanical Engineer**	90.00	93.60	97.34	100.94
Structural Engineer**	90.00	93.60	97.34	100.94
Civil Engineer**	90.00	93.60	97.34	100.94
Electrical Engineer**	90.00	93.60	97.34	100.94
Project Designer	80.00	83.20	86.53	89.73
Interior Designer	65.00	67.60	70.30	72.90
		0.00	0.00	0.00
		0.00	0.00	0.00
CAD/Revit/BIM Manager	90.00	93.60	97.34	100.94
CAD/Revit/BIM Specialist II	80.00	83.20	86.53	89.73
CAD/Revit Technician	68.00	70.72	73.55	76.27
Administration	50.00	52.00	54.08	56.24

** Key Project Personnel

APPENDIX 3

PROFESSIONAL CERTIFICATION FORMS



DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
Facilities and Business Services Administration
Design & Construction Division

Certification of a Michigan Based Business

(Information Required Prior to Contract Award for Application of State Preference/Reciprocity Provisions)

To qualify as a Michigan business:

Vendor must have, during the 12 months immediately preceding this bid deadline:

or

If the business is newly established, for the period the business has been in existence, it has:

(check all that apply):

- Filed a Michigan single business tax return showing a portion or all of the income tax base allocated or apportioned to the State of Michigan pursuant to the Michigan Single Business Tax Act, 1975 PA 228, MCL 208.1 - 208.145; or
Filed a Michigan income tax return showing income generated in or attributed to the State of Michigan; or
Withheld Michigan income tax from compensation paid to the bidder's owners and remitted the tax to the Department of Treasury; or

I certify that I have personal knowledge of such filing or withholding, that it was more than a nominal filing for the purpose of gaining the status of a Michigan business, and that it indicates a significant business presence in the state, considering the size of the business and the nature of its activities.

I authorize the Michigan Department of Treasury to verify that the business has or has not met the criteria for a Michigan business indicated above and to disclose the verifying information to the procuring agency.

Bidder shall also indicate one of the following:

- Bidder qualifies as a Michigan business (provide zip code: 49007)
Bidder does not qualify as a Michigan business (provide name of State: _____).
Principal place of business is outside the State of Michigan, however service/commodity provided by a location within the State of Michigan (provide zip code: _____)

Bidder: Byce & Associates, Inc.

James Escamilla, PE President/CEO

Authorized Agent Name (print or type)

[Handwritten Signature]

April 19, 2021

Authorized Agent Signature & Date

Fraudulent Certification as a Michigan business is prohibited by MCL 18.1268 § 268. A BUSINESS THAT PURPOSELY OR WILLFULLY SUBMITS A FALSE CERTIFICATION THAT IT IS A MICHIGAN BUSINESS OR FALSELY INDICATES THE STATE IN WHICH IT HAS ITS PRINCIPAL PLACE OF BUSINESS IS GUILTY OF A FELONY, PUNISHABLE BY A FINE OF NOT LESS THAN \$25,000 and subject to debarment under MCL 18.264.



DEPARTMENT OF TECHNOLOGY, MANAGEMENT AND BUDGET
Facilities and Business Services Administration
Design & Construction Division

Responsibility Certification

The bidder certifies to the best of its knowledge and belief that, within the past three (3) years, the bidder, an officer of the bidder, or an owner of a 25% or greater interest in the bidder:

- (a) Has not been convicted of a criminal offense incident to the application for or performance of a contract or subcontract with the State of Michigan or any of its agencies, authorities, boards, commissions, or departments.
(b) Has not had a felony conviction in any state (including the State of Michigan).
(c) Has not been convicted of a criminal offense which negatively reflects on the bidder's business integrity, including but not limited to, embezzlement, theft, forgery, bribery, falsification, or destruction of records, receiving stolen property, negligent misrepresentation, price-fixing, bid-rigging, or a violation of state or federal anti-trust statutes.
(d) Has not had a loss or suspension of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.
(e) Has not been terminated for cause by the Owner.
(f) Has not failed to pay any federal, state, or local taxes.
(g) Has not failed to comply with all requirements for foreign corporations.
(h) Has not been debarred from participation in the bid process pursuant to Section 264 of 1984 PA 431, as amended, MCL 18.1264, or debarred or suspended from consideration for award of contracts by any other State or any federal Agency.
(i) Has not been convicted of a criminal offense or other violation of other state or federal law, as determined by a court of competent jurisdiction or an administrative proceeding, which in the opinion of DTMB indicates that the bidder is unable to perform responsibly or which reflects a lack of integrity that could negatively impact or reflect upon the State of Michigan, including but not limited to, any of the following offenses under or violations of:
i. The Natural Resources and Environmental Protection Act, 1994 PA 451, MCL 324.101 to 324.90106.
ii. A persistent and knowing violation of the Michigan Consumer Protection Act, 1976 PA 331, MCL 445.901 to 445.922.
iii. 1965 PA 166, MCL 408.551 to 408.558 (law relating to prevailing wages on state projects) and a finding that the bidder failed to pay the wages and/or fringe benefits due within the time period required.
iv. Repeated or flagrant violations of 1978 PA 390 MCL 408.471 to 408.490 (law relating to payment of wages and fringe benefits).
v. A willful or persistent violation of the Michigan Occupational Health and Safety Act, 1974, PA 154, MCL 408.10001 to 408.1094, including: a criminal conviction, repeated willful violations that are final orders, repeated violations that are final orders, and failure to abate notices that are final orders.
vi. A violation of federal or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.
vii. Been found in contempt of court by a Federal Court of Appeals for failure to correct an unfair labor practice as prohibited by Section 8 of Chapter 372 of the National Labor Relations Act, 29 U. s. C. 158 (1980 PA 278, as amended, MCL 423.321 et seq).
(j) Is NOT an Iran linked business as defined in MCL 129.312.

I understand that a false statement, misrepresentation, or concealment of material facts on this certification may be grounds for rejection of this proposal or termination of the award and may be grounds for debarment.

Bidder:

Authorized Agent Name (print or type)

[Signature] April 19, 2021
Authorized Agent Signature & Date

I am unable to certify to the above statements. My explanation is attached.

APPENDIX 4

**OVERHEAD ITEMS ALLOWED FOR THE
PROFESSIONAL SERVICES CONTRACTOR FIRM'S
HOURLY BILLING RATE CALCULATION**

The following instructions are to be used by the Professional Services Contractor firms to determine the hourly billing rate to use on State of Michigan Projects.

The Professional's Consultant must submit a separate hourly billing rate for the professional Consultant services they will provide for State of Michigan Projects. A moderate mark-up of the Professional's Consultant services hourly billing rates, not to exceed 5%, will be allowed.

The Department will reimburse the Professional for the actual cost of printing and reproduction of the Contract Bidding Documents, soil borings, surveys and any required laboratory testing services and use of field equipment. No mark-up of these Project costs will be allowed IF such items are provided in house by the professional.

2021 HOURLY BILLING RATE

Based on 2020 Expenses

OVERHEAD ITEMS ALLOWED FOR THE PROFESSIONAL SERVICES CONTRACTOR FIRM'S HOURLY BILLING RATE CALCULATION

SALARIES:

Principals (Not Project Related)
Clerical/Secretarial
Technical (Not Project Related)
Temporary Help
Technical Training
Recruiting Expenses

OFFICE FACILITIES:

Rents and Related Expenses
Utilities
Cleaning and Repair

SUPPLIES:

Postage
Drafting Room Supplies
General Office Supplies
Library
Maps and Charts
Magazine Subscriptions

SERVICES (PROFESSIONAL):

Accounting
Legal
Employment Fees
Computer Services
Research

FINANCIAL:

Depreciation

EQUIPMENT RENTALS:

Computers
Typewriter
Bookkeeping
Dictating
Printing
Furniture and Fixtures
Instruments

TRAVEL:

All Project-Related Travel*

MISCELLANEOUS:

Professional Organization Dues
for Principals and Employees
Licensing Fees

SERVICES (NONPROFESSIONAL):

Telephone and Telegram
Messenger Services

TAXES:

Franchise Taxes
Occupancy Tax
Unincorporated Business Tax
Property Tax
Single Business Tax
Income Tax

INSURANCE:

Professional Liability Insurance
Flight and Commercial Vehicle
Valuable Papers
Office Liability
Office Theft
Premises Insurance
Key-Personnel Insurance

EMPLOYEE BENEFITS:

Hospitalization
Employer's F.I.C.A. Tax
Unemployment Insurance
Federal Unemployment Tax
Disability
Worker's Compensation
Vacation
Holidays
Sick Pay
Medical Payments
Pension Funds
Insurance - Life
Retirement Plans

PRINTING AND DUPLICATION:

Specifications (other than Contract Bidding Documents)
Drawings (other than Contract Bidding Documents)
Xerox/Reproduction
Photographs

LOSSES:

Bad Debts (net)
Uncollectible Fee
Thefts (not covered by Project/Contract bond)
Forgeries (not covered by Project/Contract bond)

DEPARTMENT OF TECHNOLOGY, MANAGEMENT & BUDGET, VEHICLE AND TRAVEL SERVICES SCHEDULE OF TRAVEL RATES FOR CLASSIFIED AND UNCLASSIFIED EMPLOYEES Effective October 1, 2020

MICHIGAN SELECT CITIES *

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	\$85.00	\$85.00
Breakfast	\$10.25	\$13.25
Lunch	\$10.25	\$13.25
Dinner	\$24.25	\$27.25

MICHIGAN IN-STATE ALL OTHER

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	\$85.00	\$85.00
Breakfast	\$ 8.50	\$11.50
Lunch	\$ 8.50	\$11.50
Dinner	\$19.00	\$22.00
Per Diem	\$87.00	
Lodging	\$51.00	
Breakfast	\$ 8.50	
Lunch	\$ 8.50	
Dinner	\$19.00	

OUT-OF-STATE SELECT CITIES *

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	Contact Conlin Travel	Contact Conlin Travel
Breakfast	\$13.00	\$16.00
Lunch	\$13.00	\$16.00
Dinner	\$25.25	\$28.25

OUT-OF-STATE ALL OTHER

	Individual	Group Meeting (pre-arranged and approved)
Lodging**	Contact Conlin Travel	Contact Conlin Travel
Breakfast	\$10.25	\$13.25
Lunch	\$10.25	\$13.25
Dinner	\$23.50	\$26.50
Per Diem	\$95.00	
Lodging	\$51.00	
Breakfast	\$10.25	
Lunch	\$10.25	
Dinner	\$23.50	

Incidental Costs Per Day (with overnight stay) \$5.00

Mileage Rates

Premium Rate	\$0.575 per mile
Standard Rate	\$0.360 per mile

* See Select Cities Listing

** Lodging available at State rate, or call Conlin Travel at 877-654-2179 or www.somtravel.com

SELECT HIGH COST CITY LIST

TRAVEL RATE REIMBURSEMENT FOR CLASSIFIED AND UNCLASSIFIED EMPLOYEES

Effective October 1, 2020

Michigan Select Cities/Counties

<u>Cities</u>	<u>Counties</u>
Ann Arbor, Auburn Hills, Detroit, Grand Rapids, Holland, Leland, Mackinac Island, Petoskey, Pontiac, South Haven, Traverse City	All of Grand Traverse, Oakland and Wayne

Out of State Select Cities/Counties

<u>State</u>	<u>City/County</u>	<u>State</u>	<u>City/County</u>
Arizona	Phoenix, Scottsdale, Sedona	Maine	Bar Harbor, Kennebunk, Kittery, Rockport, Sanford
California	Los Angeles (Los Angeles, Orange, Mendocino & Ventura Counties, and Edwards AFB), Eureka, Arcata, Mckinleyville, Mammoth Lakes, Mill Valley, San Rafael, Novato, Monterey, Palm Springs, San Diego, San Francisco, Santa Barbara, Santa Monica, South Lake Tahoe, Truckee, Yosemite National Park	Maryland	Counties of Montgomery & Prince Georges, Baltimore City, Ocean City
		Massachusetts	Boston (Suffolk), Burlington, Cambridge, Woburn, Martha's Vineyard
		Minnesota	Duluth, Minneapolis/St. Paul (Hennepin and Ramsey Counties)
		Nevada	Las Vegas
		New Mexico	Santa Fe
Colorado	Aspen, Breckenridge, Grand Lake, Silverthorne, Steamboat Springs, Telluride, Vail	New York	Lake Placid, Manhattan (the borough of Manhattan, Brooklyn, Bronx, Queens and Staten Island), Riverhead, Ronkonkoma, Melville, Suffolk County, Tarrytown, White Plains, New Rochelle
Connecticut	Bridgeport, Danbury	Ohio	Cincinnati
District of Columbia	Washington DC (also the cities of Alexandria, Falls Church and Fairfax, and the counties of Arlington and Fairfax, in Virginia; and the counties of Montgomery and Prince George's in Maryland) (See also Maryland and Virginia)	Pennsylvania	Bucks County, Pittsburgh
Florida	Boca Raton, Delray Beach, Jupiter, Fort Lauderdale, Key West	Rhode Island	Bristol, Jamestown/Middletown/Newport (Newport County) Providence
Georgia	Jekyll Island, Brunswick	Texas	Austin, Dallas, Houston, L.B. Johnson Space Center
Idaho	Sun Valley, Ketchum	Utah	Park City (Summit County)
Illinois	Chicago (Cook and Lake counties)	Vermont	Manchester, Montpelier, Stowe (Lamoille County)
Kentucky	Kenton	Virginia	Alexandria, Falls Church, Fairfax
Louisiana	New Orleans	Washington	Port Angeles, Port Townsend, Seattle
		Wyoming	Jackson, Pinedale

APPENDIX 5

CERTIFICATES OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/20/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Professional Concepts Insurance Agency, Inc. 1127 South Old US Highway 23 Brighton MI 48114-9861	CONTACT NAME: Kathryn Lance	
	PHONE (A/C No. Ext): (800)969-4041	FAX (A/C No): (800)969-4081
E-MAIL ADDRESS:		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Hartford Casualty Insurance Co		29424
INSURER B: Hartford Underwriters Ins. Co.		30104
INSURER C: Hartford Accident & Indemnity		22357
INSURER D: XL Group PLC		
INSURER E:		
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** 20-21 ALL **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:	X		35SBWPE9681	9/1/2020	9/1/2021	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
							MED EXP (Any one person)	\$ 10,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
							Employers Liability - Increased	\$ 5,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			35UEGTG6389	9/1/2020	9/1/2021	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
							Uninsured motorist combined single	\$ 1,000,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input checked="" type="checkbox"/> RETENTION \$ 10,000			35SBWPE9681	9/1/2020	9/1/2021	EACH OCCURRENCE	\$ 3,000,000
							AGGREGATE	\$ 3,000,000
								\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	35WEGNA8272	9/1/2020	9/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
							E.L. EACH ACCIDENT	\$ 100,000
							E.L. DISEASE - EA EMPLOYEE	\$ 100,000
							E.L. DISEASE - POLICY LIMIT	\$ 500,000
D	Professional Liability Pollution Liability			DPR9965404	9/1/2020	9/1/2021	Each Claim	5,000,000
							Aggregate	5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Project: 2021 ISID General Architetural and Engineering Services/contract 00874.

The State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents is named as Additional Insured as respects to the General Liability Policy and would apply so long as required within a written contract.

CERTIFICATE HOLDER

watrosa@michigan.gov

State of Michigan
 Anne Watros
 7150 Harris Drive
 Lansign, MI 48909

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Mike Cosgrove/SUNNY

© 1988-2014 ACORD CORPORATION. All rights reserved.

BUSINESS LIABILITY COVERAGE FORM

**QUICK REFERENCE
BUSINESS LIABILITY COVERAGE FORM
READ YOUR POLICY CAREFULLY**

BUSINESS LIABILITY COVERAGE FORM	Beginning on Page
A. COVERAGES	1
Business Liability	1
Medical Expenses	2
Coverage Extension - Supplementary Payments	2
B. EXCLUSIONS	3
C. WHO IS AN INSURED	10
D. LIABILITY AND MEDICAL EXPENSES LIMITS OF INSURANCE	14
E. LIABILITY AND MEDICAL EXPENSES GENERAL CONDITIONS	15
1. Bankruptcy	15
2. Duties In The Event Of Occurrence, Offense, Claim Or Suit	15
3. Financial Responsibility Laws	16
4. Legal Action Against Us	16
5. Separation Of Insureds	16
6. Representations	16
7. Other Insurance	16
8. Transfer Of Rights Of Recovery Against Others To Us	17
F. OPTIONAL ADDITIONAL INSURED COVERAGES	18
Additional Insureds	18
G. LIABILITY AND MEDICAL EXPENSES DEFINITIONS	20



BUSINESS LIABILITY COVERAGE FORM

Various provisions in this policy restrict coverage. Read the entire policy carefully to determine rights, duties and what is and is not covered.

Throughout this policy the words "you" and "your" refer to the Named Insured shown in the Declarations. The words "we", "us" and "our" refer to the stock insurance company member of The Hartford providing this insurance.

The word "insured" means any person or organization qualifying as such under Section **C.** - Who Is An Insured.

Other words and phrases that appear in quotation marks have special meaning. Refer to Section **G.** - Liability And Medical Expenses Definitions.

A. COVERAGES

1. BUSINESS LIABILITY COVERAGE (BODILY INJURY, PROPERTY DAMAGE, PERSONAL AND ADVERTISING INJURY)

Insuring Agreement

- a. We will pay those sums that the insured becomes legally obligated to pay as damages because of "bodily injury", "property damage" or "personal and advertising injury" to which this insurance applies. We will have the right and duty to defend the insured against any "suit" seeking those damages. However, we will have no duty to defend the insured against any "suit" seeking damages for "bodily injury", "property damage" or "personal and advertising injury" to which this insurance does not apply.

We may, at our discretion, investigate any "occurrence" or offense and settle any claim or "suit" that may result. But:

- (1) The amount we will pay for damages is limited as described in Section **D.** - Liability And Medical Expenses Limits Of Insurance; and
- (2) Our right and duty to defend ends when we have used up the applicable limit of insurance in the payment of judgments, settlements or medical expenses to which this insurance applies.

No other obligation or liability to pay sums or perform acts or services is covered unless explicitly provided for under Coverage Extension - Supplementary Payments.

- b. This insurance applies:

- (1) To "bodily injury" and "property damage" only if:

(a) The "bodily injury" or "property damage" is caused by an "occurrence" that takes place in the "coverage territory";

(b) The "bodily injury" or "property damage" occurs during the policy period; and

(c) Prior to the policy period, no insured listed under Paragraph 1. of Section **C.** - Who Is An Insured and no "employee" authorized by you to give or receive notice of an "occurrence" or claim, knew that the "bodily injury" or "property damage" had occurred, in whole or in part. If such a listed insured or authorized "employee" knew, prior to the policy period, that the "bodily injury" or "property damage" occurred, then any continuation, change or resumption of such "bodily injury" or "property damage" during or after the policy period will be deemed to have been known prior to the policy period.

(2) To "personal and advertising injury" caused by an offense arising out of your business, but only if the offense was committed in the "coverage territory" during the policy period.

c. "Bodily injury" or "property damage" will be deemed to have been known to have occurred at the earliest time when any insured listed under Paragraph 1. of Section **C.** - Who Is An Insured or any "employee" authorized by you to give or receive notice of an "occurrence" or claim:

(1) Reports all, or any part, of the "bodily injury" or "property damage" to us or any other insurer;

BUSINESS LIABILITY COVERAGE FORM

- (2) Receives a written or verbal demand or claim for damages because of the "bodily injury" or "property damage"; or
 - (3) Becomes aware by any other means that "bodily injury" or "property damage" has occurred or has begun to occur.
- d. Damages because of "bodily injury" include damages claimed by any person or organization for care, loss of services or death resulting at any time from the "bodily injury".

e. Incidental Medical Malpractice

- (1) "Bodily injury" arising out of the rendering of or failure to render professional health care services as a physician, dentist, nurse, emergency medical technician or paramedic shall be deemed to be caused by an "occurrence", but only if:
 - (a) The physician, dentist, nurse, emergency medical technician or paramedic is employed by you to provide such services; and
 - (b) You are not engaged in the business or occupation of providing such services.
- (2) For the purpose of determining the limits of insurance for incidental medical malpractice, any act or omission together with all related acts or omissions in the furnishing of these services to any one person will be considered one "occurrence".

2. MEDICAL EXPENSES

Insuring Agreement

- a. We will pay medical expenses as described below for "bodily injury" caused by an accident:
 - (1) On premises you own or rent;
 - (2) On ways next to premises you own or rent; or
 - (3) Because of your operations;provided that:
 - (1) The accident takes place in the "coverage territory" and during the policy period;
 - (2) The expenses are incurred and reported to us within three years of the date of the accident; and
 - (3) The injured person submits to examination, at our expense, by physicians of our choice as often as we reasonably require.

- b. We will make these payments regardless of fault. These payments will not exceed the applicable limit of insurance. We will pay reasonable expenses for:

- (1) First aid administered at the time of an accident;
- (2) Necessary medical, surgical, x-ray and dental services, including prosthetic devices; and
- (3) Necessary ambulance, hospital, professional nursing and funeral services.

3. COVERAGE EXTENSION - SUPPLEMENTARY PAYMENTS

- a. We will pay, with respect to any claim or "suit" we investigate or settle, or any "suit" against an insured we defend:
 - (1) All expenses we incur.
 - (2) Up to \$1,000 for the cost of bail bonds required because of accidents or traffic law violations arising out of the use of any vehicle to which Business Liability Coverage for "bodily injury" applies. We do not have to furnish these bonds.
 - (3) The cost of appeal bonds or bonds to release attachments, but only for bond amounts within the applicable limit of insurance. We do not have to furnish these bonds.
 - (4) All reasonable expenses incurred by the insured at our request to assist us in the investigation or defense of the claim or "suit", including actual loss of earnings up to \$500 a day because of time off from work.
 - (5) All costs taxed against the insured in the "suit".
 - (6) Prejudgment interest awarded against the insured on that part of the judgment we pay. If we make an offer to pay the applicable limit of insurance, we will not pay any prejudgment interest based on that period of time after the offer.
 - (7) All interest on the full amount of any judgment that accrues after entry of the judgment and before we have paid, offered to pay, or deposited in court the part of the judgment that is within the applicable limit of insurance.

Any amounts paid under (1) through (7) above will not reduce the limits of insurance.

b. If we defend an insured against a "suit" and an indemnitee of the insured is also named as a party to the "suit", we will defend that indemnitee if all of the following conditions are met:

- (1) The "suit" against the indemnitee seeks damages for which the insured has assumed the liability of the indemnitee in a contract or agreement that is an "insured contract";
- (2) This insurance applies to such liability assumed by the insured;
- (3) The obligation to defend, or the cost of the defense of, that indemnitee, has also been assumed by the insured in the same "insured contract";
- (4) The allegations in the "suit" and the information we know about the "occurrence" are such that no conflict appears to exist between the interests of the insured and the interest of the indemnitee;
- (5) The indemnitee and the insured ask us to conduct and control the defense of that indemnitee against such "suit" and agree that we can assign the same counsel to defend the insured and the indemnitee; and
- (6) The indemnitee:
 - (a) Agrees in writing to:
 - (i) Cooperate with us in the investigation, settlement or defense of the "suit";
 - (ii) Immediately send us copies of any demands, notices, summonses or legal papers received in connection with the "suit";
 - (iii) Notify any other insurer whose coverage is available to the indemnitee; and
 - (iv) Cooperate with us with respect to coordinating other applicable insurance available to the indemnitee; and
 - (b) Provides us with written authorization to:
 - (i) Obtain records and other information related to the "suit"; and
 - (ii) Conduct and control the defense of the indemnitee in such "suit".

So long as the above conditions are met, attorneys' fees incurred by us in the defense of that indemnitee, necessary litigation expenses incurred by us and necessary litigation expenses incurred by the indemnitee at our request will be paid as Supplementary Payments.

Notwithstanding the provisions of Paragraph **1.b.(b)** of Section **B.** – Exclusions, such payments will not be deemed to be damages for "bodily injury" and "property damage" and will not reduce the Limits of Insurance.

Our obligation to defend an insured's indemnitee and to pay for attorneys' fees and necessary litigation expenses as Supplementary Payments ends when:

- (1) We have used up the applicable limit of insurance in the payment of judgments or settlements; or
- (2) The conditions set forth above, or the terms of the agreement described in Paragraph (6) above, are no longer met.

B. EXCLUSIONS

1. Applicable To Business Liability Coverage

This insurance does not apply to:

a. Expected Or Intended Injury

- (1) "Bodily injury" or "property damage" expected or intended from the standpoint of the insured. This exclusion does not apply to "bodily injury" or "property damage" resulting from the use of reasonable force to protect persons or property; or
- (2) "Personal and advertising injury" arising out of an offense committed by, at the direction of or with the consent or acquiescence of the insured with the expectation of inflicting "personal and advertising injury".

b. Contractual Liability

- (1) "Bodily injury" or "property damage"; or
- (2) "Personal and advertising injury"

for which the insured is obligated to pay damages by reason of the assumption of liability in a contract or agreement.

This exclusion does not apply to liability for damages because of:

- (a) "Bodily injury", "property damage" or "personal and advertising injury" that the insured would have in the absence of the contract or agreement; or

BUSINESS LIABILITY COVERAGE FORM

(b) "Bodily injury" or "property damage" assumed in a contract or agreement that is an "insured contract", provided the "bodily injury" or "property damage" occurs subsequent to the execution of the contract or agreement. Solely for the purpose of liability assumed in an "insured contract", reasonable attorneys' fees and necessary litigation expenses incurred by or for a party other than an insured are deemed to be damages because of "bodily injury" or "property damage" provided:

- (i) Liability to such party for, or for the cost of, that party's defense has also been assumed in the same "insured contract", and
- (ii) Such attorneys' fees and litigation expenses are for defense of that party against a civil or alternative dispute resolution proceeding in which damages to which this insurance applies are alleged.

c. Liquor Liability

"Bodily injury" or "property damage" for which any insured may be held liable by reason of:

- (1) Causing or contributing to the intoxication of any person;
- (2) The furnishing of alcoholic beverages to a person under the legal drinking age or under the influence of alcohol; or
- (3) Any statute, ordinance or regulation relating to the sale, gift, distribution or use of alcoholic beverages.

This exclusion applies only if you are in the business of manufacturing, distributing, selling, serving or furnishing alcoholic beverages.

d. Workers' Compensation And Similar Laws

Any obligation of the insured under a workers' compensation, disability benefits or unemployment compensation law or any similar law.

e. Employer's Liability

"Bodily injury" to:

- (1) An "employee" of the insured arising out of and in the course of:
 - (a) Employment by the insured; or

(b) Performing duties related to the conduct of the insured's business, or

- (2) The spouse, child, parent, brother or sister of that "employee" as a consequence of (1) above.

This exclusion applies:

- (1) Whether the insured may be liable as an employer or in any other capacity; and
- (2) To any obligation to share damages with or repay someone else who must pay damages because of the injury.

This exclusion does not apply to liability assumed by the insured under an "insured contract".

f. Pollution

- (1) "Bodily injury", "property damage" or "personal and advertising injury" arising out of the actual, alleged or threatened discharge, dispersal, seepage, migration, release or escape of "pollutants":

(a) At or from any premises, site or location which is or was at any time owned or occupied by, or rented or loaned to any insured. However, this subparagraph does not apply to:

- (i) "Bodily injury" if sustained within a building and caused by smoke, fumes, vapor or soot produced by or originating from equipment that is used to heat, cool or dehumidify the building, or equipment that is used to heat water for personal use, by the building's occupants or their guests;

- (ii) "Bodily injury" or "property damage" for which you may be held liable, if you are a contractor and the owner or lessee of such premises, site or location has been added to your policy as an additional insured with respect to your ongoing operations performed for that additional insured at that premises, site or location and such premises, site or location is not and never was owned or occupied by, or rented or loaned to, any insured, other than that additional insured; or

- (iii) "Bodily injury" or "property damage" arising out of heat, smoke or fumes from a "hostile fire";
 - (b) At or from any premises, site or location which is or was at any time used by or for any insured or others for the handling, storage, disposal, processing or treatment of waste;
 - (c) Which are or were at any time transported, handled, stored, treated, disposed of, or processed as waste by or for:
 - (i) Any insured; or
 - (ii) Any person or organization for whom you may be legally responsible;
 - (d) At or from any premises, site or location on which any insured or any contractors or subcontractors working directly or indirectly on any insured's behalf are performing operations if the "pollutants" are brought on or to the premises, site or location in connection with such operations by such insured, contractor or subcontractor. However, this subparagraph does not apply to:
 - (i) "Bodily injury" or "property damage" arising out of the escape of fuels, lubricants or other operating fluids which are needed to perform the normal electrical, hydraulic or mechanical functions necessary for the operation of "mobile equipment" or its parts, if such fuels, lubricants or other operating fluids escape from a vehicle part designed to hold, store or receive them. This exception does not apply if the "bodily injury" or "property damage" arises out of the intentional discharge, dispersal or release of the fuels, lubricants or other operating fluids, or if such fuels, lubricants or other operating fluids are brought on or to the premises, site or location with the intent that they be discharged, dispersed or released as part of the operations being performed by such insured, contractor or subcontractor;
 - (ii) "Bodily injury" or "property damage" sustained within a building and caused by the release of gases, fumes or vapors from materials brought into that building in connection with operations being performed by you or on your behalf by a contractor or subcontractor; or
 - (iii) "Bodily injury" or "property damage" arising out of heat, smoke or fumes from a "hostile fire"; or
 - (e) At or from any premises, site or location on which any insured or any contractors or subcontractors working directly or indirectly on any insured's behalf are performing operations if the operations are to test for, monitor, clean up, remove, contain, treat, detoxify or neutralize, or in any way respond to, or assess the effects of, "pollutants".
- (2) Any loss, cost or expense arising out of any:
- (a) Request, demand, order or statutory or regulatory requirement that any insured or others test for, monitor, clean up, remove, contain, treat, detoxify or neutralize, or in any way respond to, or assess the effects of, "pollutants"; or
 - (b) Claim or suit by or on behalf of a governmental authority for damages because of testing for, monitoring, cleaning up, removing, containing, treating, detoxifying or neutralizing, or in any way responding to, or assessing the effects of, "pollutants".
- However, this paragraph does not apply to liability for damages because of "property damage" that the insured would have in the absence of such request, demand, order or statutory or regulatory requirement, or such claim or "suit" by or on behalf of a governmental authority.

BUSINESS LIABILITY COVERAGE FORM

g. Aircraft, Auto Or Watercraft

"Bodily injury" or "property damage" arising out of the ownership, maintenance, use or entrustment to others of any aircraft, "auto" or watercraft owned or operated by or rented or loaned to any insured. Use includes operation and "loading or unloading".

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage" involved the ownership, maintenance, use or entrustment to others of any aircraft, "auto" or watercraft that is owned or operated by or rented or loaned to any insured.

This exclusion does not apply to:

- (1) A watercraft while ashore on premises you own or rent;
- (2) A watercraft you do not own that is:
 - (a) Less than 51 feet long; and
 - (b) Not being used to carry persons for a charge;
- (3) Parking an "auto" on, or on the ways next to, premises you own or rent, provided the "auto" is not owned by or rented or loaned to you or the insured;
- (4) Liability assumed under any "insured contract" for the ownership, maintenance or use of aircraft or watercraft;
- (5) "Bodily injury" or "property damage" arising out of the operation of any of the equipment listed in Paragraph f.(2) or f.(3) of the definition of "mobile equipment"; or
- (6) An aircraft that is not owned by any insured and is hired, chartered or loaned with a paid crew. However, this exception does not apply if the insured has any other insurance for such "bodily injury" or "property damage", whether the other insurance is primary, excess, contingent or on any other basis.

h. Mobile Equipment

"Bodily injury" or "property damage" arising out of:

- (1) The transportation of "mobile equipment" by an "auto" owned or operated by or rented or loaned to any insured; or

- (2) The use of "mobile equipment" in, or while in practice or preparation for, a prearranged racing, speed or demolition contest or in any stunting activity.

i. War

"Bodily injury", "property damage" or "personal and advertising injury", however caused, arising, directly or indirectly, out of:

- (1) War, including undeclared or civil war;
- (2) Warlike action by a military force, including action in hindering or defending against an actual or expected attack, by any government, sovereign or other authority using military personnel or other agents; or
- (3) Insurrection, rebellion, revolution, usurped power, or action taken by governmental authority in hindering or defending against any of these.

j. Professional Services

"Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of or failure to render any professional service. This includes but is not limited to:

- (1) Legal, accounting or advertising services;
- (2) Preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications;
- (3) Supervisory, inspection, architectural or engineering activities;
- (4) Medical, surgical, dental, x-ray or nursing services treatment, advice or instruction;
- (5) Any health or therapeutic service treatment, advice or instruction;
- (6) Any service, treatment, advice or instruction for the purpose of appearance or skin enhancement, hair removal or replacement or personal grooming;
- (7) Optical or hearing aid services including the prescribing, preparation, fitting, demonstration or distribution of ophthalmic lenses and similar products or hearing aid devices;

- (8) Optometry or optometric services including but not limited to examination of the eyes and the prescribing, preparation, fitting, demonstration or distribution of ophthalmic lenses and similar products;
- (9) Any:
 - (a) Body piercing (not including ear piercing);
 - (b) Tattooing, including but not limited to the insertion of pigments into or under the skin; and
 - (c) Similar services;
- (10) Services in the practice of pharmacy; and
- (11) Computer consulting, design or programming services, including web site design.

Paragraphs (4) and (5) of this exclusion do not apply to the Incidental Medical Malpractice coverage afforded under Paragraph 1.e. in Section A. - Coverages.

k. Damage To Property

"Property damage" to:

- (1) Property you own, rent or occupy, including any costs or expenses incurred by you, or any other person, organization or entity, for repair, replacement, enhancement, restoration or maintenance of such property for any reason, including prevention of injury to a person or damage to another's property;
- (2) Premises you sell, give away or abandon, if the "property damage" arises out of any part of those premises;
- (3) Property loaned to you;
- (4) Personal property in the care, custody or control of the insured;
- (5) That particular part of real property on which you or any contractors or subcontractors working directly or indirectly on your behalf are performing operations, if the "property damage" arises out of those operations; or
- (6) That particular part of any property that must be restored, repaired or replaced because "your work" was incorrectly performed on it.

Paragraphs (1), (3) and (4) of this exclusion do not apply to "property damage" (other than damage by fire) to premises, including the contents of such premises, rented to you for a period of 7 or fewer consecutive days. A separate Limit of Insurance applies to Damage To Premises Rented To You as described in Section D. - Limits Of Insurance.

Paragraph (2) of this exclusion does not apply if the premises are "your work" and were never occupied, rented or held for rental by you.

Paragraphs (3) and (4) of this exclusion do not apply to the use of elevators.

Paragraphs (3), (4), (5) and (6) of this exclusion do not apply to liability assumed under a sidetrack agreement.

Paragraphs (3) and (4) of this exclusion do not apply to "property damage" to borrowed equipment while not being used to perform operations at a job site.

Paragraph (6) of this exclusion does not apply to "property damage" included in the "products-completed operations hazard".

l. Damage To Your Product

"Property damage" to "your product" arising out of it or any part of it.

m. Damage To Your Work

"Property damage" to "your work" arising out of it or any part of it and included in the "products-completed operations hazard".

This exclusion does not apply if the damaged work or the work out of which the damage arises was performed on your behalf by a subcontractor.

n. Damage To Impaired Property Or Property Not Physically Injured

"Property damage" to "impaired property" or property that has not been physically injured, arising out of:

- (1) A defect, deficiency, inadequacy or dangerous condition in "your product" or "your work"; or
- (2) A delay or failure by you or anyone acting on your behalf to perform a contract or agreement in accordance with its terms.

This exclusion does not apply to the loss of use of other property arising out of sudden and accidental physical injury to "your product" or "your work" after it has been put to its intended use.

BUSINESS LIABILITY COVERAGE FORM

o. Recall Of Products, Work Or Impaired Property

Damages claimed for any loss, cost or expense incurred by you or others for the loss of use, withdrawal, recall, inspection, repair, replacement, adjustment, removal or disposal of:

- (1) "Your product";
- (2) "Your work"; or
- (3) "Impaired property";

if such product, work or property is withdrawn or recalled from the market or from use by any person or organization because of a known or suspected defect, deficiency, inadequacy or dangerous condition in it.

p. Personal And Advertising Injury

"Personal and advertising injury":

- (1) Arising out of oral, written or electronic publication of material, if done by or at the direction of the insured with knowledge of its falsity;
- (2) Arising out of oral, written or electronic publication of material whose first publication took place before the beginning of the policy period;
- (3) Arising out of a criminal act committed by or at the direction of the insured;
- (4) Arising out of any breach of contract, except an implied contract to use another's "advertising idea" in your "advertisement";
- (5) Arising out of the failure of goods, products or services to conform with any statement of quality or performance made in your "advertisement";
- (6) Arising out of the wrong description of the price of goods, products or services;
- (7) Arising out of any violation of any intellectual property rights such as copyright, patent, trademark, trade name, trade secret, service mark or other designation of origin or authenticity.

However, this exclusion does not apply to infringement, in your "advertisement", of

- (a) Copyright;
- (b) Slogan, unless the slogan is also a trademark, trade name, service mark or other designation of origin or authenticity; or

(c) Title of any literary or artistic work;

- (8) Arising out of an offense committed by an insured whose business is:
 - (a) Advertising, broadcasting, publishing or telecasting;
 - (b) Designing or determining content of web sites for others; or
 - (c) An Internet search, access, content or service provider.

However, this exclusion does not apply to Paragraphs a., b. and c. under the definition of "personal and advertising injury" in Section G. – Liability And Medical Expenses Definitions.

For the purposes of this exclusion, placing an "advertisement" for or linking to others on your web site, by itself, is not considered the business of advertising, broadcasting, publishing or telecasting;

- (9) Arising out of an electronic chat room or bulletin board the insured hosts, owns, or over which the insured exercises control;
- (10) Arising out of the unauthorized use of another's name or product in your e-mail address, domain name or metatags, or any other similar tactics to mislead another's potential customers;
- (11) Arising out of the violation of a person's right of privacy created by any state or federal act.

However, this exclusion does not apply to liability for damages that the insured would have in the absence of such state or federal act;

- (12) Arising out of:
 - (a) An "advertisement" for others on your web site;
 - (b) Placing a link to a web site of others on your web site;
 - (c) Content from a web site of others displayed within a frame or border on your web site. Content includes information, code, sounds, text, graphics or images; or
 - (d) Computer code, software or programming used to enable:
 - (i) Your web site; or
 - (ii) The presentation or functionality of an "advertisement" or other content on your web site;

- (13) Arising out of a violation of any anti-trust law;
- (14) Arising out of the fluctuation in price or value of any stocks, bonds or other securities; or
- (15) Arising out of discrimination or humiliation committed by or at the direction of any "executive officer", director, stockholder, partner or member of the insured.

q. Electronic Data

Damages arising out of the loss of, loss of use of, damage to, corruption of, inability to access, or inability to manipulate "electronic data".

r. Employment-Related Practices

"Bodily injury" or "personal and advertising injury" to:

- (1) A person arising out of any:
 - (a) Refusal to employ that person;
 - (b) Termination of that person's employment; or
 - (c) Employment-related practices, policies, acts or omissions, such as coercion, demotion, evaluation, reassignment, discipline, defamation, harassment, humiliation or discrimination directed at that person; or
- (2) The spouse, child, parent, brother or sister of that person as a consequence of "bodily injury" or "personal and advertising injury" to the person at whom any of the employment-related practices described in Paragraphs (a), (b), or (c) above is directed.

This exclusion applies:

- (1) Whether the insured may be liable as an employer or in any other capacity; and
- (2) To any obligation to share damages with or repay someone else who must pay damages because of the injury.

s. Asbestos

- (1) "Bodily injury", "property damage" or "personal and advertising injury" arising out of the "asbestos hazard".
- (2) Any damages, judgments, settlements, loss, costs or expenses that:

- (a) May be awarded or incurred by reason of any claim or suit alleging actual or threatened injury or damage of any nature or kind to persons or property which would not have occurred in whole or in part but for the "asbestos hazard";
- (b) Arise out of any request, demand, order or statutory or regulatory requirement that any insured or others test for, monitor, clean up, remove, encapsulate, contain, treat, detoxify or neutralize or in any way respond to or assess the effects of an "asbestos hazard"; or
- (c) Arise out of any claim or suit for damages because of testing for, monitoring, cleaning up, removing, encapsulating, containing, treating, detoxifying or neutralizing or in any way responding to or assessing the effects of an "asbestos hazard".

t. Violation Of Statutes That Govern E-Mails, Fax, Phone Calls Or Other Methods Of Sending Material Or Information

"Bodily injury", "property damage", or "personal and advertising injury" arising directly or indirectly out of any action or omission that violates or is alleged to violate:

- (1) The Telephone Consumer Protection Act (TCPA), including any amendment of or addition to such law;
- (2) The CAN-SPAM Act of 2003, including any amendment of or addition to such law; or
- (3) Any statute, ordinance or regulation, other than the TCPA or CAN-SPAM Act of 2003, that prohibits or limits the sending, transmitting, communicating or distribution of material or information.

Damage To Premises Rented To You – Exception For Damage By Fire, Lightning or Explosion

Exclusions c. through h. and k. through o. do not apply to damage by fire, lightning or explosion to premises rented to you or temporarily occupied by you with permission of the owner. A separate Limit of Insurance applies to this coverage as described in Section D. - Liability And Medical Expenses Limits Of Insurance.

BUSINESS LIABILITY COVERAGE FORM

2. Applicable To Medical Expenses Coverage

We will not pay expenses for "bodily injury":

a. Any Insured

To any insured, except "volunteer workers".

b. Hired Person

To a person hired to do work for or on behalf of any insured or a tenant of any insured.

c. Injury On Normally Occupied Premises

To a person injured on that part of premises you own or rent that the person normally occupies.

d. Workers' Compensation And Similar Laws

To a person, whether or not an "employee" of any insured, if benefits for the "bodily injury" are payable or must be provided under a workers' compensation or disability benefits law or a similar law.

e. Athletics Activities

To a person injured while practicing, instructing or participating in any physical exercises or games, sports or athletic contests.

f. Products-Completed Operations Hazard

Included with the "products-completed operations hazard".

g. Business Liability Exclusions

Excluded under Business Liability Coverage.

C. WHO IS AN INSURED

1. If you are designated in the Declarations as:

- a.** An individual, you and your spouse are insureds, but only with respect to the conduct of a business of which you are the sole owner.
- b.** A partnership or joint venture, you are an insured. Your members, your partners, and their spouses are also insureds, but only with respect to the conduct of your business.
- c.** A limited liability company, you are an insured. Your members are also insureds, but only with respect to the conduct of your business. Your managers are insureds, but only with respect to their duties as your managers.
- d.** An organization other than a partnership, joint venture or limited liability company, you are an insured. Your "executive officers" and directors are insureds, but only with respect to their duties as your officers or directors. Your stockholders are also insureds, but only with respect to their liability as stockholders.

e. A trust, you are an insured. Your trustees are also insureds, but only with respect to their duties as trustees.

2. Each of the following is also an insured:

a. Employees And Volunteer Workers

Your "volunteer workers" only while performing duties related to the conduct of your business, or your "employees", other than either your "executive officers" (if you are an organization other than a partnership, joint venture or limited liability company) or your managers (if you are a limited liability company), but only for acts within the scope of their employment by you or while performing duties related to the conduct of your business.

However, none of these "employees" or "volunteer workers" are insureds for:

(1) "Bodily injury" or "personal and advertising injury":

- (a)** To you, to your partners or members (if you are a partnership or joint venture), to your members (if you are a limited liability company), or to a co-"employee" while in the course of his or her employment or performing duties related to the conduct of your business, or to your other "volunteer workers" while performing duties related to the conduct of your business;
- (b)** To the spouse, child, parent, brother or sister of that co-"employee" or that "volunteer worker" as a consequence of Paragraph **(1)(a)** above;
- (c)** For which there is any obligation to share damages with or repay someone else who must pay damages because of the injury described in Paragraphs **(1)(a)** or **(b)** above; or
- (d)** Arising out of his or her providing or failing to provide professional health care services.

If you are not in the business of providing professional health care services, Paragraph **(d)** does not apply to any nurse, emergency medical technician or paramedic employed by you to provide such services.

(2) "Property damage" to property:

- (a)** Owned, occupied or used by,

(b) Rented to, in the care, custody or control of, or over which physical control is being exercised for any purpose by you, any of your "employees", "volunteer workers", any partner or member (if you are a partnership or joint venture), or any member (if you are a limited liability company).

b. Real Estate Manager

Any person (other than your "employee" or "volunteer worker"), or any organization while acting as your real estate manager.

c. Temporary Custodians Of Your Property

Any person or organization having proper temporary custody of your property if you die, but only:

- (1) With respect to liability arising out of the maintenance or use of that property; and
- (2) Until your legal representative has been appointed.

d. Legal Representative If You Die

Your legal representative if you die, but only with respect to duties as such. That representative will have all your rights and duties under this insurance.

e. Unnamed Subsidiary

Any subsidiary and subsidiary thereof, of yours which is a legally incorporated entity of which you own a financial interest of more than 50% of the voting stock on the effective date of this Coverage Part.

The insurance afforded herein for any subsidiary not shown in the Declarations as a named insured does not apply to injury or damage with respect to which an insured under this insurance is also an insured under another policy or would be an insured under such policy but for its termination or upon the exhaustion of its limits of insurance.

3. Newly Acquired Or Formed Organization

Any organization you newly acquire or form, other than a partnership, joint venture or limited liability company, and over which you maintain financial interest of more than 50% of the voting stock, will qualify as a Named Insured if there is no other similar insurance available to that organization. However:

- a. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier; and

b. Coverage under this provision does not apply to:

- (1) "Bodily injury" or "property damage" that occurred; or
- (2) "Personal and advertising injury" arising out of an offense committed before you acquired or formed the organization.

4. Operator Of Mobile Equipment

With respect to "mobile equipment" registered in your name under any motor vehicle registration law, any person is an insured while driving such equipment along a public highway with your permission. Any other person or organization responsible for the conduct of such person is also an insured, but only with respect to liability arising out of the operation of the equipment, and only if no other insurance of any kind is available to that person or organization for this liability. However, no person or organization is an insured with respect to:

- a. "Bodily injury" to a co-"employee" of the person driving the equipment; or
- b. "Property damage" to property owned by, rented to, in the charge of or occupied by you or the employer of any person who is an insured under this provision.

5. Operator of Nonowned Watercraft

With respect to watercraft you do not own that is less than 51 feet long and is not being used to carry persons for a charge, any person is an insured while operating such watercraft with your permission. Any other person or organization responsible for the conduct of such person is also an insured, but only with respect to liability arising out of the operation of the watercraft, and only if no other insurance of any kind is available to that person or organization for this liability.

However, no person or organization is an insured with respect to:

- a. "Bodily injury" to a co-"employee" of the person operating the watercraft; or
- b. "Property damage" to property owned by, rented to, in the charge of or occupied by you or the employer of any person who is an insured under this provision.

6. Additional Insureds When Required By Written Contract, Written Agreement Or Permit

The person(s) or organization(s) identified in Paragraphs a. through f. below are additional insureds when you have agreed, in a written

BUSINESS LIABILITY COVERAGE FORM

contract, written agreement or because of a permit issued by a state or political subdivision, that such person or organization be added as an additional insured on your policy, provided the injury or damage occurs subsequent to the execution of the contract or agreement, or the issuance of the permit.

A person or organization is an additional insured under this provision only for that period of time required by the contract, agreement or permit.

However, no such person or organization is an additional insured under this provision if such person or organization is included as an additional insured by an endorsement issued by us and made a part of this Coverage Part, including all persons or organizations added as additional insureds under the specific additional insured coverage grants in Section F. – Optional Additional Insured Coverages.

a. Vendors

Any person(s) or organization(s) (referred to below as vendor), but only with respect to "bodily injury" or "property damage" arising out of "your products" which are distributed or sold in the regular course of the vendor's business and only if this Coverage Part provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard".

- (1) The insurance afforded to the vendor is subject to the following additional exclusions:

This insurance does not apply to:

- (a) "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;
- (b) Any express warranty unauthorized by you;
- (c) Any physical or chemical change in the product made intentionally by the vendor;
- (d) Repackaging, except when unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;

(e) Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;

(f) Demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;

(g) Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor; or

(h) "Bodily injury" or "property damage" arising out of the sole negligence of the vendor for its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:

(i) The exceptions contained in Subparagraphs (d) or (f); or

(ii) Such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.

- (2) This insurance does not apply to any insured person or organization from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.

b. Lessors Of Equipment

- (1) Any person or organization from whom you lease equipment; but only with respect to their liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your maintenance, operation or use of equipment leased to you by such person or organization.

- (2) With respect to the insurance afforded to these additional insureds, this insurance does not apply to any "occurrence" which takes place after you cease to lease that equipment.

c. Lessors Of Land Or Premises

- (1) Any person or organization from whom you lease land or premises, but only with respect to liability arising out of the ownership, maintenance or use of that part of the land or premises leased to you.
- (2) With respect to the insurance afforded to these additional insureds, this insurance does not apply to:
 - (a) Any "occurrence" which takes place after you cease to lease that land or be a tenant in that premises; or
 - (b) Structural alterations, new construction or demolition operations performed by or on behalf of such person or organization.

d. Architects, Engineers Or Surveyors

- (1) Any architect, engineer, or surveyor, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:
 - (a) In connection with your premises; or
 - (b) In the performance of your ongoing operations performed by you or on your behalf.
- (2) With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:
 This insurance does not apply to "bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of or the failure to render any professional services by or for you, including:
 - (a) The preparing, approving, or failure to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications; or
 - (b) Supervisory, inspection, architectural or engineering activities.

e. Permits Issued By State Or Political Subdivisions

- (1) Any state or political subdivision, but only with respect to operations performed by you or on your behalf for which the state or political subdivision has issued a permit.
- (2) With respect to the insurance afforded to these additional insureds, this insurance does not apply to:
 - (a) "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the state or municipality; or
 - (b) "Bodily injury" or "property damage" included within the "products-completed operations hazard".

f. Any Other Party

- (1) Any other person or organization who is not an insured under Paragraphs **a.** through **e.** above, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:
 - (a) In the performance of your ongoing operations;
 - (b) In connection with your premises owned by or rented to you; or
 - (c) In connection with "your work" and included within the "products-completed operations hazard", but only if
 - (i) The written contract or written agreement requires you to provide such coverage to such additional insured; and
 - (ii) This Coverage Part provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard".
- (2) With respect to the insurance afforded to these additional insureds, this insurance does not apply to:
 "Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

BUSINESS LIABILITY COVERAGE FORM

- (a) The preparing, approving, or failure to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications; or
- (b) Supervisory, inspection, architectural or engineering activities.

The limits of insurance that apply to additional insureds are described in Section **D. – Limits Of Insurance**.

How this insurance applies when other insurance is available to an additional insured is described in the Other Insurance Condition in Section **E. – Liability And Medical Expenses General Conditions**.

No person or organization is an insured with respect to the conduct of any current or past partnership, joint venture or limited liability company that is not shown as a Named Insured in the Declarations.

D. LIABILITY AND MEDICAL EXPENSES LIMITS OF INSURANCE

1. The Most We Will Pay

The Limits of Insurance shown in the Declarations and the rules below fix the most we will pay regardless of the number of:

- a. Insureds;
- b. Claims made or "suits" brought; or
- c. Persons or organizations making claims or bringing "suits".

2. Aggregate Limits

The most we will pay for:

- a. Damages because of "bodily injury" and "property damage" included in the "products-completed operations hazard" is the Products-Completed Operations Aggregate Limit shown in the Declarations.
- b. Damages because of all other "bodily injury", "property damage" or "personal and advertising injury", including medical expenses, is the General Aggregate Limit shown in the Declarations.

This General Aggregate Limit applies separately to each of your "locations" owned by or rented to you.

"Location" means premises involving the same or connecting lots, or premises whose connection is interrupted only by a street, roadway or right-of-way of a railroad.

This General Aggregate limit does not apply to "property damage" to premises while rented to you or temporarily occupied by you with permission of the owner, arising out of fire, lightning or explosion.

3. Each Occurrence Limit

Subject to **2.a.** or **2.b.** above, whichever applies, the most we will pay for the sum of all damages because of all "bodily injury", "property damage" and medical expenses arising out of any one "occurrence" is the Liability and Medical Expenses Limit shown in the Declarations.

The most we will pay for all medical expenses because of "bodily injury" sustained by any one person is the Medical Expenses Limit shown in the Declarations.

4. Personal And Advertising Injury Limit

Subject to **2.b.** above, the most we will pay for the sum of all damages because of all "personal and advertising injury" sustained by any one person or organization is the Personal and Advertising Injury Limit shown in the Declarations.

5. Damage To Premises Rented To You Limit

The Damage To Premises Rented To You Limit is the most we will pay under Business Liability Coverage for damages because of "property damage" to any one premises, while rented to you, or in the case of damage by fire, lightning or explosion, while rented to you or temporarily occupied by you with permission of the owner.

In the case of damage by fire, lightning or explosion, the Damage to Premises Rented To You Limit applies to all damage proximately caused by the same event, whether such damage results from fire, lightning or explosion or any combination of these.

6. How Limits Apply To Additional Insureds

The most we will pay on behalf of a person or organization who is an additional insured under this Coverage Part is the lesser of:

- a. The limits of insurance specified in a written contract, written agreement or permit issued by a state or political subdivision; or
- b. The Limits of Insurance shown in the Declarations.

Such amount shall be a part of and not in addition to the Limits of Insurance shown in the Declarations and described in this Section.

If more than one limit of insurance under this policy and any endorsements attached thereto applies to any claim or "suit", the most we will pay under this policy and the endorsements is the single highest limit of liability of all coverages applicable to such claim or "suit". However, this paragraph does not apply to the Medical Expenses limit set forth in Paragraph 3. above.

The Limits of Insurance of this Coverage Part apply separately to each consecutive annual period and to any remaining period of less than 12 months, starting with the beginning of the policy period shown in the Declarations, unless the policy period is extended after issuance for an additional period of less than 12 months. In that case, the additional period will be deemed part of the last preceding period for purposes of determining the Limits of Insurance.

E. LIABILITY AND MEDICAL EXPENSES GENERAL CONDITIONS

1. Bankruptcy

Bankruptcy or insolvency of the insured or of the insured's estate will not relieve us of our obligations under this Coverage Part.

2. Duties In The Event Of Occurrence, Offense, Claim Or Suit

a. Notice Of Occurrence Or Offense

You or any additional insured must see to it that we are notified as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, notice should include:

- (1) How, when and where the "occurrence" or offense took place;
- (2) The names and addresses of any injured persons and witnesses; and
- (3) The nature and location of any injury or damage arising out of the "occurrence" or offense.

b. Notice Of Claim

If a claim is made or "suit" is brought against any insured, you or any additional insured must:

- (1) Immediately record the specifics of the claim or "suit" and the date received; and
- (2) Notify us as soon as practicable.

You or any additional insured must see to it that we receive a written notice of the claim or "suit" as soon as practicable.

c. Assistance And Cooperation Of The Insured

You and any other involved insured must:

- (1) Immediately send us copies of any demands, notices, summonses or legal papers received in connection with the claim or "suit";
- (2) Authorize us to obtain records and other information;
- (3) Cooperate with us in the investigation, settlement of the claim or defense against the "suit"; and
- (4) Assist us, upon our request, in the enforcement of any right against any person or organization that may be liable to the insured because of injury or damage to which this insurance may also apply.

d. Obligations At The Insured's Own Cost

No insured will, except at that insured's own cost, voluntarily make a payment, assume any obligation, or incur any expense, other than for first aid, without our consent.

e. Additional Insured's Other Insurance

If we cover a claim or "suit" under this Coverage Part that may also be covered by other insurance available to an additional insured, such additional insured must submit such claim or "suit" to the other insurer for defense and indemnity.

However, this provision does not apply to the extent that you have agreed in a written contract, written agreement or permit that this insurance is primary and non-contributory with the additional insured's own insurance.

f. Knowledge Of An Occurrence, Offense, Claim Or Suit

Paragraphs **a.** and **b.** apply to you or to any additional insured only when such "occurrence", offense, claim or "suit" is known to:

- (1) You or any additional insured that is an individual;
- (2) Any partner, if you or an additional insured is a partnership;
- (3) Any manager, if you or an additional insured is a limited liability company;
- (4) Any "executive officer" or insurance manager, if you or an additional insured is a corporation;
- (5) Any trustee, if you or an additional insured is a trust; or
- (6) Any elected or appointed official, if you or an additional insured is a political subdivision or public entity.

BUSINESS LIABILITY COVERAGE FORM

This Paragraph f. applies separately to you and any additional insured.

3. Financial Responsibility Laws

- a. When this policy is certified as proof of financial responsibility for the future under the provisions of any motor vehicle financial responsibility law, the insurance provided by the policy for "bodily injury" liability and "property damage" liability will comply with the provisions of the law to the extent of the coverage and limits of insurance required by that law.
- b. With respect to "mobile equipment" to which this insurance applies, we will provide any liability, uninsured motorists, underinsured motorists, no-fault or other coverage required by any motor vehicle law. We will provide the required limits for those coverages.

4. Legal Action Against Us

No person or organization has a right under this Coverage Form:

- a. To join us as a party or otherwise bring us into a "suit" asking for damages from an insured; or
- b. To sue us on this Coverage Form unless all of its terms have been fully complied with.

A person or organization may sue us to recover on an agreed settlement or on a final judgment against an insured; but we will not be liable for damages that are not payable under the terms of this insurance or that are in excess of the applicable limit of insurance. An agreed settlement means a settlement and release of liability signed by us, the insured and the claimant or the claimant's legal representative.

5. Separation Of Insureds

Except with respect to the Limits of Insurance, and any rights or duties specifically assigned in this policy to the first Named Insured, this insurance applies:

- a. As if each Named Insured were the only Named Insured; and
- b. Separately to each insured against whom a claim is made or "suit" is brought.

6. Representations

a. When You Accept This Policy

By accepting this policy, you agree:

- (1) The statements in the Declarations are accurate and complete;
- (2) Those statements are based upon representations you made to us; and

- (3) We have issued this policy in reliance upon your representations.

b. Unintentional Failure To Disclose Hazards

If unintentionally you should fail to disclose all hazards relating to the conduct of your business at the inception date of this Coverage Part, we shall not deny any coverage under this Coverage Part because of such failure.

7. Other Insurance

If other valid and collectible insurance is available for a loss we cover under this Coverage Part, our obligations are limited as follows:

a. Primary Insurance

This insurance is primary except when b. below applies. If other insurance is also primary, we will share with all that other insurance by the method described in c. below.

b. Excess Insurance

This insurance is excess over any of the other insurance, whether primary, excess, contingent or on any other basis:

(1) Your Work

That is Fire, Extended Coverage, Builder's Risk, Installation Risk or similar coverage for "your work";

(2) Premises Rented To You

That is fire, lightning or explosion insurance for premises rented to you or temporarily occupied by you with permission of the owner;

(3) Tenant Liability

That is insurance purchased by you to cover your liability as a tenant for "property damage" to premises rented to you or temporarily occupied by you with permission of the owner;

(4) Aircraft, Auto Or Watercraft

If the loss arises out of the maintenance or use of aircraft, "autos" or watercraft to the extent not subject to Exclusion g. of Section A. – Coverages.

(5) Property Damage To Borrowed Equipment Or Use Of Elevators

If the loss arises out of "property damage" to borrowed equipment or the use of elevators to the extent not subject to Exclusion k. of Section A. – Coverages.

(6) When You Are Added As An Additional Insured To Other Insurance

That is other insurance available to you covering liability for damages arising out of the premises or operations, or products and completed operations, for which you have been added as an additional insured by that insurance; or

(7) When You Add Others As An Additional Insured To This Insurance

That is other insurance available to an additional insured.

However, the following provisions apply to other insurance available to any person or organization who is an additional insured under this Coverage Part:

(a) Primary Insurance When Required By Contract

This insurance is primary if you have agreed in a written contract, written agreement or permit that this insurance be primary. If other insurance is also primary, we will share with all that other insurance by the method described in **c.** below.

(b) Primary And Non-Contributory To Other Insurance When Required By Contract

If you have agreed in a written contract, written agreement or permit that this insurance is primary and non-contributory with the additional insured's own insurance, this insurance is primary and we will not seek contribution from that other insurance.

Paragraphs **(a)** and **(b)** do not apply to other insurance to which the additional insured has been added as an additional insured.

When this insurance is excess, we will have no duty under this Coverage Part to defend the insured against any "suit" if any other insurer has a duty to defend the insured against that "suit". If no other insurer defends, we will undertake to do so, but we will be entitled to the insured's rights against all those other insurers.

When this insurance is excess over other insurance, we will pay only our share of the amount of the loss, if any, that exceeds the sum of:

- (1)** The total amount that all such other insurance would pay for the loss in the absence of this insurance; and
- (2)** The total of all deductible and self-insured amounts under all that other insurance.

We will share the remaining loss, if any, with any other insurance that is not described in this Excess Insurance provision and was not bought specifically to apply in excess of the Limits of Insurance shown in the Declarations of this Coverage Part.

c. Method Of Sharing

If all the other insurance permits contribution by equal shares, we will follow this method also. Under this approach, each insurer contributes equal amounts until it has paid its applicable limit of insurance or none of the loss remains, whichever comes first.

If any of the other insurance does not permit contribution by equal shares, we will contribute by limits. Under this method, each insurer's share is based on the ratio of its applicable limit of insurance to the total applicable limits of insurance of all insurers.

8. Transfer Of Rights Of Recovery Against Others To Us

a. Transfer Of Rights Of Recovery

If the insured has rights to recover all or part of any payment, including Supplementary Payments, we have made under this Coverage Part, those rights are transferred to us. The insured must do nothing after loss to impair them. At our request, the insured will bring "suit" or transfer those rights to us and help us enforce them. This condition does not apply to Medical Expenses Coverage.

b. Waiver Of Rights Of Recovery (Waiver Of Subrogation)

If the insured has waived any rights of recovery against any person or organization for all or part of any payment, including Supplementary Payments, we have made under this Coverage Part, we also waive that right, provided the insured waived their rights of recovery against such person or organization in a contract, agreement or permit that was executed prior to the injury or damage.

F. OPTIONAL ADDITIONAL INSURED COVERAGES

If listed or shown as applicable in the Declarations, one or more of the following Optional Additional Insured Coverages also apply. When any of these Optional Additional Insured Coverages apply, Paragraph 6. (Additional Insureds When Required by Written Contract, Written Agreement or Permit) of Section C., Who Is An Insured, does not apply to the person or organization shown in the Declarations. These coverages are subject to the terms and conditions applicable to Business Liability Coverage in this policy, except as provided below:

1. Additional Insured - Designated Person Or Organization

WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

- a. In the performance of your ongoing operations; or
- b. In connection with your premises owned by or rented to you.

2. Additional Insured - Managers Or Lessors Of Premises

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured - Designated Person Or Organization; but only with respect to liability arising out of the ownership, maintenance or use of that part of the premises leased to you and shown in the Declarations.

b. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

- (1) Any "occurrence" which takes place after you cease to be a tenant in that premises; or
- (2) Structural alterations, new construction or demolition operations performed by or on behalf of such person or organization.

3. Additional Insured - Grantor Of Franchise

WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured - Grantor Of Franchise, but only with respect to their liability as grantor of franchise to you.

4. Additional Insured - Lessor Of Leased Equipment

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured – Lessor of Leased Equipment, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your maintenance, operation or use of equipment leased to you by such person(s) or organization(s).

b. With respect to the insurance afforded to these additional insureds, this insurance does not apply to any "occurrence" which takes place after you cease to lease that equipment.

5. Additional Insured - Owners Or Other Interests From Whom Land Has Been Leased

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured – Owners Or Other Interests From Whom Land Has Been Leased, but only with respect to liability arising out of the ownership, maintenance or use of that part of the land leased to you and shown in the Declarations.

b. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

- (1) Any "occurrence" that takes place after you cease to lease that land; or
- (2) Structural alterations, new construction or demolition operations performed by or on behalf of such person or organization.

6. Additional Insured - State Or Political Subdivision – Permits

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the state or political subdivision shown in the Declarations as an Additional

Insured – State Or Political Subdivision - Permits, but only with respect to operations performed by you or on your behalf for which the state or political subdivision has issued a permit.

- b. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

- (1) "Bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the state or municipality; or
- (2) "Bodily injury" or "property damage" included in the "product-completed operations" hazard.

7. Additional Insured – Vendors

- a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) (referred to below as vendor) shown in the Declarations as an Additional Insured - Vendor, but only with respect to "bodily injury" or "property damage" arising out of "your products" which are distributed or sold in the regular course of the vendor's business and only if this Coverage Part provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard".
- b. The insurance afforded to the vendor is subject to the following additional exclusions:

- (1) This insurance does not apply to:
 - (a) "Bodily injury" or "property damage" for which the vendor is obligated to pay damages by reason of the assumption of liability in a contract or agreement. This exclusion does not apply to liability for damages that the vendor would have in the absence of the contract or agreement;
 - (b) Any express warranty unauthorized by you;
 - (c) Any physical or chemical change in the product made intentionally by the vendor;
 - (d) Repackaging, unless unpacked solely for the purpose of inspection, demonstration, testing, or the substitution of parts under instructions from the manufacturer, and then repackaged in the original container;

- (e) Any failure to make such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products;

- (f) Demonstration, installation, servicing or repair operations, except such operations performed at the vendor's premises in connection with the sale of the product;

- (g) Products which, after distribution or sale by you, have been labeled or relabeled or used as a container, part or ingredient of any other thing or substance by or for the vendor; or

- (h) "Bodily injury" or "property damage" arising out of the sole negligence of the vendor for its own acts or omissions or those of its employees or anyone else acting on its behalf. However, this exclusion does not apply to:

- (i) The exceptions contained in Subparagraphs (d) or (f); or

- (ii) Such inspections, adjustments, tests or servicing as the vendor has agreed to make or normally undertakes to make in the usual course of business, in connection with the distribution or sale of the products.

- (2) This insurance does not apply to any insured person or organization from whom you have acquired such products, or any ingredient, part or container, entering into, accompanying or containing such products.

8. Additional Insured – Controlling Interest

WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured – Controlling Interest, but only with respect to their liability arising out of:

- a. Their financial control of you; or
- b. Premises they own, maintain or control while you lease or occupy these premises.

BUSINESS LIABILITY COVERAGE FORM

This insurance does not apply to structural alterations, new construction and demolition operations performed by or for that person or organization.

9. Additional Insured – Owners, Lessees Or Contractors – Scheduled Person Or Organization

a. WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or organization(s) shown in the Declarations as an Additional Insured – Owner, Lessees Or Contractors, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

- (1) In the performance of your ongoing operations for the additional insured(s); or
- (2) In connection with "your work" performed for that additional insured and included within the "products-completed operations hazard", but only if this Coverage Part provides coverage for "bodily injury" or "property damage" included within the "products-completed operations hazard".

b. With respect to the insurance afforded to these additional insureds, this insurance does not apply to "bodily injury", "property damage" or "personal an advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:

- (1) The preparing, approving, or failure to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications; or
- (2) Supervisory, inspection, architectural or engineering activities.

10. Additional Insured – Co-Owner Of Insured Premises

WHO IS AN INSURED under Section C. is amended to include as an additional insured the person(s) or Organization(s) shown in the Declarations as an Additional Insured – Co-Owner Of Insured Premises, but only with respect to their liability as co-owner of the premises shown in the Declarations.

The limits of insurance that apply to additional insureds are described in Section D. – Limits Of Insurance.

How this insurance applies when other insurance is available to an additional insured is described in the Other Insurance Condition in Section E. – Liability And Medical Expenses General Conditions.

G. LIABILITY AND MEDICAL EXPENSES DEFINITIONS

1. "Advertisement" means the widespread public dissemination of information or images that has the purpose of inducing the sale of goods, products or services through:

- a. (1) Radio;
- (2) Television;
- (3) Billboard;
- (4) Magazine;
- (5) Newspaper;

b. The Internet, but only that part of a web site that is about goods, products or services for the purposes of inducing the sale of goods, products or services; or

c. Any other publication that is given widespread public distribution.

However, "advertisement" does not include:

a. The design, printed material, information or images contained in, on or upon the packaging or labeling of any goods or products; or

b. An interactive conversation between or among persons through a computer network.

2. "Advertising idea" means any idea for an "advertisement".

3. "Asbestos hazard" means an exposure or threat of exposure to the actual or alleged properties of asbestos and includes the mere presence of asbestos in any form.

4. "Auto" means a land motor vehicle, trailer or semi-trailer designed for travel on public roads, including any attached machinery or equipment. But "auto" does not include "mobile equipment".

5. "Bodily injury" means physical:

- a. Injury;
- b. Sickness; or
- c. Disease

sustained by a person and, if arising out of the above, mental anguish or death at any time.

6. "Coverage territory" means:

- a. The United States of America (including its territories and possessions), Puerto Rico and Canada;
- b. International waters or airspace, but only if the injury or damage occurs in the course of travel or transportation between any places included in a. above;
- c. All other parts of the world if the injury or damage arises out of:
 - (1) Goods or products made or sold by you in the territory described in a. above;
 - (2) The activities of a person whose home is in the territory described in a. above, but is away for a short time on your business; or
 - (3) "Personal and advertising injury" offenses that take place through the Internet or similar electronic means of communication

provided the insured's responsibility to pay damages is determined in the United States of America (including its territories and possessions), Puerto Rico or Canada, in a "suit" on the merits according to the substantive law in such territory, or in a settlement we agree to.

- 7. "Electronic data" means information, facts or programs:
 - a. Stored as or on;
 - b. Created or used on; or
 - c. Transmitted to or from computer software, including systems and applications software, hard or floppy disks, CD-ROMS, tapes, drives, cells, data processing devices or any other media which are used with electronically controlled equipment.
- 8. "Employee" includes a "leased worker". "Employee" does not include a "temporary worker".
- 9. "Executive officer" means a person holding any of the officer positions created by your charter, constitution, by-laws or any other similar governing document.
- 10. "Hostile fire" means one which becomes uncontrollable or breaks out from where it was intended to be.
- 11. "Impaired property" means tangible property, other than "your product" or "your work", that cannot be used or is less useful because:
 - a. It incorporates "your product" or "your work" that is known or thought to be defective, deficient, inadequate or dangerous; or

- b. You have failed to fulfill the terms of a contract or agreement;
- if such property can be restored to use by:

- a. The repair, replacement, adjustment or removal of "your product" or "your work"; or
- b. Your fulfilling the terms of the contract or agreement.

12. "Insured contract" means:

- a. A contract for a lease of premises. However, that portion of the contract for a lease of premises that indemnifies any person or organization for damage by fire, lightning or explosion to premises while rented to you or temporarily occupied by you with permission of the owner is subject to the Damage To Premises Rented To You limit described in Section D. – Liability and Medical Expenses Limits of Insurance.
- b. A sidetrack agreement;
- c. Any easement or license agreement, including an easement or license agreement in connection with construction or demolition operations on or within 50 feet of a railroad;
- d. Any obligation, as required by ordinance, to indemnify a municipality, except in connection with work for a municipality;
- e. An elevator maintenance agreement; or
- f. That part of any other contract or agreement pertaining to your business (including an indemnification of a municipality in connection with work performed for a municipality) under which you assume the tort liability of another party to pay for "bodily injury" or "property damage" to a third person or organization, provided the "bodily injury" or "property damage" is caused, in whole or in part, by you or by those acting on your behalf. Tort liability means a liability that would be imposed by law in the absence of any contract or agreement.

Paragraph f. includes that part of any contract or agreement that indemnifies a railroad for "bodily injury" or "property damage" arising out of construction or demolition operations within 50 feet of any railroad property and affecting any railroad bridge or trestle, tracks, road-beds, tunnel, underpass or crossing.

However, Paragraph f. does not include that part of any contract or agreement:

BUSINESS LIABILITY COVERAGE FORM

- (1) That indemnifies an architect, engineer or surveyor for injury or damage arising out of:
 - (a) Preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders, designs or drawings and specifications; or
 - (b) Giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage; or
 - (2) Under which the insured, if an architect, engineer or surveyor, assumes liability for an injury or damage arising out of the insured's rendering or failure to render professional services, including those listed in (1) above and supervisory, inspection, architectural or engineering activities.
13. "Leased worker" means a person leased to you by a labor leasing firm under an agreement between you and the labor leasing firm, to perform duties related to the conduct of your business. "Leased worker" does not include a "temporary worker".
14. "Loading or unloading" means the handling of property:
 - a. After it is moved from the place where it is accepted for movement into or onto an aircraft, watercraft or "auto";
 - b. While it is in or on an aircraft, watercraft or "auto"; or
 - c. While it is being moved from an aircraft, watercraft or "auto" to the place where it is finally delivered;but "loading or unloading" does not include the movement of property by means of a mechanical device, other than a hand truck, that is not attached to the aircraft, watercraft or "auto".
15. "Mobile equipment" means any of the following types of land vehicles, including any attached machinery or equipment:
 - a. Bulldozers, farm machinery, forklifts and other vehicles designed for use principally off public roads;
 - b. Vehicles maintained for use solely on or next to premises you own or rent;
 - c. Vehicles that travel on crawler treads;
 - d. Vehicles, whether self-propelled or not, on which are permanently mounted:
 - (1) Power cranes, shovels, loaders, diggers or drills; or
 - (2) Road construction or resurfacing equipment such as graders, scrapers or rollers;
- e. Vehicles not described in a., b., c., or d. above that are not self-propelled and are maintained primarily to provide mobility to permanently attached equipment of the following types:
 - (1) Air compressors, pumps and generators, including spraying, welding, building cleaning, geophysical exploration, lighting and well servicing equipment; or
 - (2) Cherry pickers and similar devices used to raise or lower workers;
- f. Vehicles not described in a., b., c., or d. above maintained primarily for purposes other than the transportation of persons or cargo.

However, self-propelled vehicles with the following types of permanently attached equipment are not "mobile equipment" but will be considered "autos":

 - (1) Equipment, of at least 1,000 pounds gross vehicle weight, designed primarily for:
 - (a) Snow removal;
 - (b) Road maintenance, but not construction or resurfacing; or
 - (c) Street cleaning;
 - (2) Cherry pickers and similar devices mounted on automobile or truck chassis and used to raise or lower workers; and
 - (3) Air compressors, pumps and generators, including spraying, welding, building cleaning, geophysical exploration, lighting and well servicing equipment.
16. "Occurrence" means an accident, including continuous or repeated exposure to substantially the same general harmful conditions.
17. "Personal and advertising injury" means injury, including consequential "bodily injury", arising out of one or more of the following offenses:
 - a. False arrest, detention or imprisonment;
 - b. Malicious prosecution;

- c. The wrongful eviction from, wrongful entry into, or invasion of the right of private occupancy of a room, dwelling or premises that the person occupies, committed by or on behalf of its owner, landlord or lessor;
 - d. Oral, written or electronic publication of material that slanders or libels a person or organization or disparages a person's or organization's goods, products or services;
 - e. Oral, written or electronic publication of material that violates a person's right of privacy;
 - f. Copying, in your "advertisement", a person's or organization's "advertising idea" or style of "advertisement";
 - g. Infringement of copyright, slogan, or title of any literary or artistic work, in your "advertisement"; or
 - h. Discrimination or humiliation that results in injury to the feelings or reputation of a natural person.
- 18.** "Pollutants" means any solid, liquid, gaseous or thermal irritant or contaminant, including smoke, vapor, soot, fumes, acids, alkalis, chemicals and waste. Waste includes materials to be recycled, reconditioned or reclaimed.
- 19.** "Products-completed operations hazard";
- a. Includes all "bodily injury" and "property damage" occurring away from premises you own or rent and arising out of "your product" or "your work" except:
 - (1) Products that are still in your physical possession; or
 - (2) Work that has not yet been completed or abandoned. However, "your work" will be deemed to be completed at the earliest of the following times:
 - (a) When all of the work called for in your contract has been completed.
 - (b) When all of the work to be done at the job site has been completed if your contract calls for work at more than one job site.
 - (c) When that part of the work done at a job site has been put to its intended use by any person or organization other than another contractor or subcontractor working on the same project.
- Work that may need service, maintenance, correction, repair or replacement, but which is otherwise complete, will be treated as completed.
- The "bodily injury" or "property damage" must occur away from premises you own or rent, unless your business includes the selling, handling or distribution of "your product" for consumption on premises you own or rent.
- b. Does not include "bodily injury" or "property damage" arising out of:
 - (1) The transportation of property, unless the injury or damage arises out of a condition in or on a vehicle not owned or operated by you, and that condition was created by the "loading or unloading" of that vehicle by any insured; or
 - (2) The existence of tools, uninstalled equipment or abandoned or unused materials.
- 20.** "Property damage" means:
- a. Physical injury to tangible property, including all resulting loss of use of that property. All such loss of use shall be deemed to occur at the time of the physical injury that caused it; or
 - b. Loss of use of tangible property that is not physically injured. All such loss of use shall be deemed to occur at the time of "occurrence" that caused it.
- As used in this definition, "electronic data" is not tangible property.
- 21.** "Suit" means a civil proceeding in which damages because of "bodily injury", "property damage" or "personal and advertising injury" to which this insurance applies are alleged. "Suit" includes:
- a. An arbitration proceeding in which such damages are claimed and to which the insured must submit or does submit with our consent; or
 - b. Any other alternative dispute resolution proceeding in which such damages are claimed and to which the insured submits with our consent.
- 22.** "Temporary worker" means a person who is furnished to you to substitute for a permanent "employee" on leave or to meet seasonal or short-term workload conditions.
- 23.** "Volunteer worker" means a person who:
- a. Is not your "employee";

BUSINESS LIABILITY COVERAGE FORM

- b. Donates his or her work;
 - c. Acts at the direction of and within the scope of duties determined by you; and
 - d. Is not paid a fee, salary or other compensation by you or anyone else for their work performed for you.
- 24. "Your product":**
- a. Means:
 - (1) Any goods or products, other than real property, manufactured, sold, handled, distributed or disposed of by:
 - (a) You;
 - (b) Others trading under your name; or
 - (c) A person or organization whose business or assets you have acquired; and
 - (2) Containers (other than vehicles), materials, parts or equipment furnished in connection with such goods or products.
 - b. Includes:
 - (1) Warranties or representations made at any time with respect to the fitness, quality, durability, performance or use of "your product"; and
 - (2) The providing of or failure to provide warnings or instructions.
- 25. "Your work":**
- a. Means:
 - (1) Work or operations performed by you or on your behalf; and
 - (2) Materials, parts or equipment furnished in connection with such work or operations.
 - b. Includes:
 - (1) Warranties or representations made at any time with respect to the fitness, quality, durability, performance or use of "your work"; and
 - (2) The providing of or failure to provide warnings or instructions.

APPENDIX 6

FEDERAL PROVISIONS ADDENDUM

(If your project is funding wholly or in part by federal funds, this appendix applies)

FEDERAL PROVISIONS ADDENDUM

This addendum applies to purchases that will be paid for in whole or in part with funds obtained from the federal government. The provisions below are required, and the language is not negotiable. If any provision below conflicts with the State's terms and conditions, including any attachments, schedules, or exhibits to the State's Contract, the provisions below take priority to the extent a provision is required by federal law; otherwise, the order of precedence set forth in the Contract applies. Hyperlinks are provided for convenience only; broken hyperlinks will not relieve Contractor from compliance with the law.

1. Equal Employment Opportunity

If this Contract is a “**federally assisted construction contract**” as defined in [41 CFR Part 60-1.3](#), and except as otherwise may be provided under [41 CFR Part 60](#), then during performance of this Contract, the Contractor agrees as follows:

- a. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to the following:
Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- b. The Contractor will, 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, sex, sexual orientation, gender identity, or national origin.
- c. The Contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the Contractor's legal duty to furnish information.

FEDERAL PROVISIONS ADDENDUM

- d. The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- e. The Contractor will comply with all provisions of [Executive Order 11246](#) of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- f. The Contractor will furnish all information and reports required by [Executive Order 11246](#) of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- g. In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this Contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in [Executive Order 11246](#) of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in [Executive Order 11246](#) of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- h. The Contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of [Executive Order 11246](#) of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance:

Provided, however, that in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: *Provided*, that if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

FEDERAL PROVISIONS ADDENDUM

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

2. Davis-Bacon Act (Prevailing Wage)

If this Contract is a **prime construction contract** in excess of \$2,000, the Contractor (and its Subcontractors) must comply with the Davis-Bacon Act ([40 USC 3141-3148](#)) as supplemented by Department of Labor regulations ([29 CFR Part 5](#), "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"), and during performance of this Contract the Contractor agrees as follows:

- a. All transactions regarding this contract shall be done in compliance with the Davis-Bacon Act (40 U.S.C. 3141- 3144, and 3146-3148) and the requirements of 29C.F.R. pt. 5 as may be applicable. The contractor shall comply with 40 U.S.C. 3141-3144, and 3146-3148 and the requirements of 29 C.F.R. pt. 5 as applicable.
- b. Contractors are required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor.
- c. Additionally, contractors are required to pay wages not less than once a week.

3. Copeland "Anti-Kickback" Act

If this Contract is a contract for construction or repair work in excess of \$2,000 where the Davis-Bacon Act applies, the Contractor must comply with the Copeland "Anti-

FEDERAL PROVISIONS ADDENDUM

Kickback” Act ([40 USC 3145](#)), as supplemented by Department of Labor regulations ([29 CFR Part 3](#), “Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States”), which prohibits the Contractor and subrecipients from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled, and during performance of this Contract the Contractor agrees as follows:

- a. **Contractor.** The Contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.
- b. **Subcontracts.** The Contractor or Subcontractor shall insert in any subcontracts the clause above and such other clauses as FEMA or the applicable federal awarding agency may by appropriate instructions require, and also a clause requiring the Subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.
- c. **Breach.** A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a Contractor and Subcontractor as provided in 29 C.F.R. § 5.12.

4. Contract Work Hours and Safety Standards Act

If the Contract is **in excess of \$100,000 and involves the employment of mechanics or laborers**, the Contractor must comply with [40 USC 3702](#) and [3704](#), as supplemented by Department of Labor regulations ([29 CFR Part 5](#)), as applicable, and during performance of this Contract the Contractor agrees as follows:

- a. **Overtime requirements.** No Contractor or Subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.
- b. **Violation; liability for unpaid wages; liquidated damages.** In the event of any violation of the clause set forth in paragraph (1) of this section the Contractor and any Subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Contractor and Subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$27 for each calendar day on which such individual was required or permitted to work in excess of the standard work

FEDERAL PROVISIONS ADDENDUM

week of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.

- c. **Withholding for unpaid wages and liquidated damages.** The State shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or Subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.
- d. **Subcontracts.** The Contractor or Subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the Subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.

5. Rights to Inventions Made Under a Contract or Agreement

If the Contract is funded by a federal “funding agreement” as defined under [37 CFR §401.2 \(a\)](#) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that “funding agreement,” the recipient or subrecipient must comply with [37 CFR Part 401](#), “Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements,” and any implementing regulations issued by the awarding agency.

6. Clean Air Act and the Federal Water Pollution Control Act

If this Contract is **in excess of \$150,000**, the Contractor must comply with all applicable standards, orders, and regulations issued under the Clean Air Act ([42 USC 7401-7671q](#)) and the Federal Water Pollution Control Act ([33 USC 1251-1387](#)), and during performance of this Contract the Contractor agrees as follows:

Clean Air Act

1. The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
2. The Contractor agrees to report each violation to the State and understands and agrees that the State will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency or the applicable federal awarding agency, and the appropriate Environmental Protection Agency

FEDERAL PROVISIONS ADDENDUM

Regional Office.

3. The Contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA or the applicable federal awarding agency.

Federal Water Pollution Control Act

1. The Contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
2. The Contractor agrees to report each violation to the State and understands and agrees that the State will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency or the applicable federal awarding agency, and the appropriate Environmental Protection Agency Regional Office.
3. The Contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA or the applicable federal awarding agency.

7. Debarment and Suspension

A “contract award” (see [2 CFR 180.220](#)) must not be made to parties listed on the government-wide exclusions in the [System for Award Management](#) (SAM), in accordance with the OMB guidelines at [2 CFR 180](#) that implement [Executive Orders 12549 \(51 FR 6370; February 21, 1986\)](#) and [12689 \(54 FR 34131; August 18, 1989\)](#), “Debarment and Suspension.” SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than [Executive Order 12549](#).

- a. This Contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the Contractor is required to verify that none of the Contractor’s principals (defined at 2 C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- b. The Contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- c. This certification is a material representation of fact relied upon by the State. If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to the State, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- d. The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and

FEDERAL PROVISIONS ADDENDUM

throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

8. Byrd Anti-Lobbying Amendment

Contractors who apply or bid for an award of **\$100,000 or more** shall file the required certification in *Exhibit 1 – Byrd Anti-Lobbying Certification* below. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient who in turn will forward the certification(s) to the awarding agency.

9. Procurement of Recovered Materials

Under [2 CFR 200.322](#), Contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act.

- a. In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired:
 - i. Competitively within a timeframe providing for compliance with the contract performance schedule;
 - ii. Meeting contract performance requirements; or
 - iii. At a reasonable price.
- b. Information about this requirement, along with the list of EPA- designated items, is available at EPA’s Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.
- c. The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.

10. Additional FEMA Contract Provisions.

The following provisions apply to purchases that will be paid for in whole or in part with funds obtained from the Federal Emergency Management Agency (FEMA):

- a. **Access to Records.** The following access to records requirements apply to this contract:
 - i. The Contractor agrees to provide the State, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of

FEDERAL PROVISIONS ADDENDUM

- making audits, examinations, excerpts, and transcriptions.
- ii. The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.
 - iii. The Contractor agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.

In compliance with the Disaster Recovery Act of 2018, the State and the Contractor acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

b. Changes.

See the provisions regarding modifications or change notice in the Contract Terms.

c. DHS Seal Logo and Flags.

The Contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

d. Compliance with Federal Law, Regulations, and Executive Orders.

This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of the contract. The Contractor will comply with all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives.

e. No Obligation by Federal Government.

The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the State, Contractor, or any other party pertaining to any matter resulting from the Contract.”

f. Program Fraud and False or Fraudulent Statements or Related Acts

The Contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Contractor’s actions pertaining to this contract.

EXHIBIT 1

BYRD ANTI-LOBBYING CERTIFICATION

Contractor must complete this certification if the purchase will be paid for in whole or in part with funds obtained from the federal government and the purchase is greater than \$100,000.

APPENDIX A, 44 C.F.R. PART 18 – CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. 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 an 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, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. 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 shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

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, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

EXHIBIT 1 - BYRD ANTI-LOBBYING CERTIFICATION

The Contractor, [REDACTED] certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. Chap. 38, Administrative Remedies for False Claims and Statements, apply to this certification and disclosure, if any.

Signature of Contractor's Authorized Official

President/CEO
Name and Title of Contractor's Authorized Official

Date