Standard Form of Architect’s Services: Design and Construction Contract Administration

for the following PROJECT:

September 2010; December 2010; March 2011

(Name and location or address)

THE OWNER:

(Name, legal status (Name and address)

Case Western Reserve University
10900 Euclid Avenue
Cleveland, Ohio 44106-7228

THE ARCHITECT:

THE ENGINEER:

(Name, legal status (Name and address)

THE AGREEMENT

This Standard Form of Architect’s Engineer’s Services is part of or modifies the accompanying Owner-Architect Owner-Engineer Agreement (hereinafter, the Agreement) dated the day of in the year .

(In words, indicate day, month and year.)

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ARTICLE 1 INITIAL INFORMATION

ARTICLE 1 INITIAL PROJECT INFORMATION

§ 1.1 This Agreement is based on the Initial Information set forth in Article 1 and in optional Exhibit A, following Initial Information:

(Complete Exhibit A, Initial Information and incorporate it into this services document at Section 7.1, or state below Initial Information such as details of the Project’s site and program, Owner’s contractors and consultants, Architect’s Engineer’s consultants,

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ARTICLE A.1  PROJECT INFORMATION
§ A.1.1 The Owner’s program for the Project:
(Identify documentation or state the manner in which the program will be developed.)

§ A.1.2 The Project’s physical characteristics:
(Identify or describe, if appropriate, size, location, dimensions, or other pertinent information, such as geotechnical
reports; site, boundary and topographic surveys; traffic and utility studies; availability of public and private utilities
and services; legal description of the site; etc.)

§ A.1.3 The Owner’s budget for the Cost of the Work, as defined in Section 5.1:
(Provide total and, if known, a line item break down.)

§ A.1.4 The Owner’s other anticipated scheduling information, if any, not provided in Section 1.2:

§ A.1.5 The Owner intends the following procurement or delivery method for the Project:
(Identify method such as competitive bid, negotiated contract, or construction management.)

§ A.1.6 Other Project information:
(Identify special characteristics or needs of the Project not provided elsewhere, such as environmentally responsible
design or historic preservation requirements.)

ARTICLE A.2  PROJECT TEAM
§ A.2.1 The Owner identifies the following representative in accordance with AIA Document B102™–2007, Standard
Form of Agreement Between Owner and Engineer, Section 2.2:
(List name, address and other information.)

§ A.2.2 The persons or entities, in addition to the Owner’s representative, who are required to review the Engineer’s
submittals to the Owner are as follows:
(List name, address and other information.)

§ A.2.3 The Owner will retain the following consultants and contractors:
(List discipline and, if known, identify them by name and address.)

§ A.2.4 The Engineer identifies the following representative in accordance with AIA Document B102™–2007,
Section 1.3:
(List name, address and other information.)
§ A.2.5 The Engineer will retain the consultants identified in Sections A.2.5.1 and A.2.5.2.
(List discipline and, if known, identify them by name and address.)

§ A.2.5.1 Consultants retained under Basic Services:
   1. Structural Engineer

   2. Mechanical Engineer

   3. Electrical Engineer

§ A.2.5.2 Consultants retained under Additional Services:

§ A.2.6 Other Initial Information on which the Agreement is based:
(Provide other Initial Information.)

§ 1.2 The Owner’s anticipated dates for commencement of construction and Substantial Completion of the Work are set forth below:
   1. Commencement of construction date:

   2. Substantial Completion date:

§ 1.3 The Owner and Architect-Engineer may rely on the Initial Information. Both parties, however, recognize that such information may materially change and, in that event, the Owner and the Architect-Engineer shall appropriately adjust the schedule, the Architect’s Engineer’s services and the Architect’s Engineer’s compensation.

ARTICLE 2 SCOPE OF ARCHITECT’S BASIC SERVICES
ARTICLE 2 SCOPE OF ENGINEER’S BASIC SERVICES

§ 2.1 The Architect’s Engineer’s Basic Services consist of those described in Article 2 and include usual and customary structural, mechanical, and electrical engineering services. Services not set forth in Article 2 are Additional Services.

§ 2.1.1 The Architect-Engineer shall manage the Architect’s Engineer’s services, consult with the Owner, research applicable design criteria, attend Project meetings, communicate with members of the Project team and report progress to the Owner.

§ 2.1.2 The Architect-Engineer shall coordinate its services with those services provided by the Owner and the Owner’s consultants. The Architect-Engineer shall be entitled to rely on the accuracy and completeness of services and information furnished by the Owner and the Owner’s consultants. The Architect-Engineer shall provide prompt written notice to the Owner if the Architect-Engineer becomes aware of any error, omission or inconsistency in such services or information.
§ 2.1.3 As soon as practicable after the date of this Agreement, the Architect but no longer then 15 days after the date hereof the Engineer shall submit for the Owner’s approval a schedule for the performance of the Architect’s Engineer’s services. The schedule initially shall include anticipated dates for the commencement of construction and for Substantial Completion of the Work as set forth in the Initial Information. The schedule shall include allowances for periods of time required for the Owner’s review, for the performance of the Owner’s consultants, and for approval of submissions by authorities having jurisdiction over the Project. Once approved by the Owner, time limits established by the schedule shall not, except for reasonable cause, be exceeded by the Architect Engineer or Owner. With the Owner’s approval, the Architect Engineer shall adjust the schedule, if necessary, as the Project proceeds until the commencement of construction.

§ 2.1.4 The Architect Engineer shall not be responsible for damages resulting directly and solely from an Owner’s directive or substitution made without the Architect’s Engineer’s approval.

§ 2.1.5 The Architect shall, at appropriate times, Engineer shall contact the governmental authorities required to approve the Construction Documents and the entities providing utility services to the Project. In designing the Project, the Architect Engineer shall respond to applicable design requirements imposed by such governmental authorities and by such entities providing utility services.

§ 2.1.6 The Architect Engineer shall assist the Owner in connection with the Owner’s responsibility for filing documents required for the approval of governmental authorities having jurisdiction over the Project.

§ 2.1.7 The Engineer shall prepare all design and construction documents in accordance with Owner’s Standard AutoCAD Documentation attached as Exhibit C, pages 1 thru 9.

§ 2.1.8 The Engineer shall comply with all laws, codes, and regulations applicable to the Engineer’s Services hereunder (including Basic Services and Additional Services) in accordance with the standard of care set forth in Section 1.2 of the AIA Document B102-2007 as modified by the Owner.

§ 2.2 SCHEMATIC DESIGN PHASE SERVICES

§ 2.2.1 The Architect Engineer shall review the program and other information furnished by the Owner, and shall review laws, codes, and regulations applicable to the Architect’s services. Owner.

§ 2.2.2 The Architect Engineer shall prepare a preliminary evaluation of the Owner’s program, schedule, budget for the Cost of the Work, Project site, site (includes site conditions), and the proposed procurement or delivery method and other Initial Information, each in terms of the other, to ascertain the requirements of the Project. The Architect Engineer shall notify the Owner of (1) any inconsistencies discovered in the information, and (2) other information or consulting services that may be reasonably needed for the Project.

§ 2.2.3 The Architect Engineer shall present its preliminary evaluation to the Owner and shall discuss with the Owner alternative approaches to design and construction of the Project, including the feasibility of incorporating environmentally responsible design approaches. The Architect Engineer shall reach an understanding with the Owner regarding the requirements of the Project.

§ 2.2.4 Based on the Project’s requirements agreed upon with the Owner, the Architect Engineer shall prepare and present for the Owner’s approval a preliminary design illustrating the scale and relationship of the Project components.

§ 2.2.5 Based on the Owner’s approval of the preliminary design, the Architect Engineer shall prepare Schematic Design Documents for the Owner’s approval. The Schematic Design Documents shall consist of drawings and other documents including a site plan, if appropriate, and preliminary building plans, sections and elevations; and may include some combination of study models, perspective sketches, or digital modeling. Preliminary selections of major building systems and construction materials shall be noted on the drawings or described in writing.

§ 2.2.5.1 The Architect Engineer shall consider environmentally responsible design alternatives, such as material choices and building orientation, together with other considerations based on program and aesthetics, in developing a design that is consistent with the Owner’s program, schedule and budget for the Cost of the Work. The Owner may obtain other environmentally responsible design services under Article 3.

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§ 2.2.5.2 The **Architect-Engineer** shall consider the value of alternative materials, building systems and equipment, together with other considerations based on program and aesthetics in developing a design for the Project that is consistent with the Owner’s program, schedule and budget for the Cost of the Work.

§ 2.2.6 The **Architect-Engineer** shall submit to the Owner an estimate of the Cost of the Work prepared in accordance with Section 5.3.

§ 2.2.7 The **Architect-Engineer** shall submit the Schematic Design Documents to the Owner, and request the Owner’s approval.

§ 2.3 DESIGN DEVELOPMENT PHASE SERVICES

§ 2.3.1 Based on the Owner’s approval of the Schematic Design Documents, and on the Owner’s authorization of any adjustments in the Project requirements and the budget for the Cost of the Work, the **Architect-Engineer** shall prepare Design Development Documents for the Owner’s approval. The Design Development Documents shall illustrate and describe the development of the approved Schematic Design Documents and shall consist of drawings and other documents including plans, sections, elevations, typical construction details, and diagrammatic layouts of building systems to fix and describe the size and character of the Project as to engineering, architectural, structural, mechanical and electrical systems, and such other elements as may be appropriate. The Design Development Documents shall also include outline specifications that identify major materials and systems and establish in general their quality levels.

§ 2.3.2 The **Architect-Engineer** shall update the estimate of the Cost of the Work.

§ 2.3.3 The **Architect-Engineer** shall submit the Design Development Documents to the Owner, advise the Owner of any adjustments to the estimate of the Cost of the Work, and request the Owner’s approval.

§ 2.4 CONSTRUCTION DOCUMENTS PHASE SERVICES

§ 2.4.1 Based on the Owner’s approval of the Design Development Documents, and on the Owner’s authorization of any adjustments in the Project requirements and the budget for the Cost of the Work, the **Architect-Engineer** shall prepare Construction Documents for the Owner’s approval. The Construction Documents shall illustrate and describe the further development of the approved Design Development Documents and shall consist of Drawings and Specifications setting forth in detail the quality levels of materials and systems and other requirements for the construction of the Work. The Owner and **Architect-Engineer** acknowledge that in order to construct the Work the Contractor will provide additional information, including Shop Drawings, Product Data, Samples and other similar submittals, which the **Architect-Engineer** shall review in accordance with Section 2.6.4.

§ 2.4.2 The **Architect-Engineer** shall incorporate into the Construction Documents the design requirements of governmental authorities having jurisdiction over the Project.

§ 2.4.3 During the development of the Construction Documents, the **Architect-Engineer** shall assist the Owner in the development and preparation of (1) bidding and procurement information that describes the time, place and conditions of bidding, including bidding or proposal forms; (2) the form of agreement between the Owner and Contractor; and (3) the Conditions of the Contract for Construction (General, Supplementary and other Conditions). The **Architect-Engineer** shall also compile a project manual that includes the Conditions of the Contract for Construction and Specifications and may include bidding requirements and sample forms.

§ 2.4.4 The **Architect-Engineer** shall update the estimate for the Cost of the Work if requested by the Owner.

§ 2.4.5 The **Architect-Engineer** shall submit the Construction Documents to the Owner, advise the Owner of any adjustments to the estimate of the Cost of the Work, take any action required under Section 5.5, and request the Owner’s approval.

§ 2.5 BIDDING OR NEGOTIATION PHASE SERVICES

The **Architect-Engineer** shall assist the Owner in establishing a list of prospective contractors. Following the Owner’s approval of the Construction Documents, the **Architect-Engineer** shall assist the Owner in (1) obtaining either
competitive bids or negotiated proposals; (2) confirming responsiveness of bids or proposals; (3) determining the successful bid or proposal, if any; and (4) awarding and preparing contracts for construction.

§ 2.5.2 COMPETITIVE BIDDING
§ 2.5.2.1 Bidding Documents shall consist of bidding requirements and proposed Contract Documents.

§ 2.5.2.2 The Architect if requested by the Owner the Engineer shall assist the Owner in bidding the Project by

.1 procuring the reproduction of Bidding Documents for distribution to prospective bidders;
.2 distributing the Bidding Documents to prospective bidders requesting their return upon completion of the bidding process, and maintaining a log of distribution and retrieval and of the amounts of deposits, if any, received from and returned to prospective bidders;
.3 organizing and conducting a pre-bid conference for prospective bidders;
.4 preparing responses to questions from prospective bidders and providing clarifications and interpretations of the Bidding Documents to all prospective bidders in the form of addenda; and
.5 organizing and conducting the opening of the bids, and subsequently documenting and distributing the bidding results, as directed by the Owner.

§ 2.5.2.3 The Architect-Engineer shall consider requests for substitutions, if the Bidding Documents permit substitutions, and shall prepare and distribute addenda identifying approved substitutions to all prospective bidders.

§ 2.5.3 NEGOTIATED PROPOSALS
§ 2.5.3.1 Proposal Documents shall consist of proposal requirements and proposed Contract Documents.

§ 2.5.3.2 The Architect if requested by the Owner the Engineer shall assist the Owner in obtaining proposals by

.1 procuring the reproduction of Proposal Documents for distribution to prospective contractors, and requesting their return upon completion of the negotiation process;
.2 organizing and participating in selection interviews with prospective contractors; and
.3 participating in negotiations with prospective contractors, and subsequently preparing a summary report of the negotiation results, as directed by the Owner.

§ 2.5.3.3 The Architect-Engineer shall consider requests for substitutions, if the Proposal Documents permit substitutions, and shall prepare and distribute addenda identifying approved substitutions to all prospective contractors.

§ 2.6 CONSTRUCTION PHASE SERVICES
§ 2.6.1 GENERAL
§ 2.6.1.1 The Architect-Engineer shall provide administration of the Contract between the Owner and the Contractor as set forth below and in AIA Document A201–2007, General Conditions of the Contract for Construction. If the Owner and Contractor modify AIA Document A201–2007, those modifications shall not affect the Architect’s services under this Agreement unless the Owner and the Architect amend this Agreement as modified by Owner and attached hereto as Exhibit A, pages 1 thru 51.

§ 2.6.1.2 The Architect-Engineer shall be a representative of and shall advise and consult with the Owner during the Construction Phase Services. The Architect-Engineer shall have authority to act on behalf of the Owner only to the extent provided in this Agreement. The Architect-Engineer shall not have control over, charge of, or responsibility for the construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, nor shall the Architect-Engineer be responsible for the Contractor’s failure to perform the Work in accordance with the requirements of the Contract Documents. The Architect-Engineer shall be responsible for the Architect-Engineer’s negligent acts or omissions, but shall not have control over or charge of, and shall not be responsible for, acts or omissions of the Contractor or of any other persons or entities performing portions of the Work.

§ 2.6.1.3 Subject to Section 3.3, the Architect’s Engineer’s responsibility to provide Construction Phase services commences with the award of the Contract for Construction and terminates on the date the Architect issues the final Certificate for Owner approves the final certificate of Payment.
§ 2.6.2.2 The Architect-Engineer has the authority to reject Work that does not conform to the Contract Documents. Whenever the Architect-Engineer considers it necessary or advisable, the Architect-Engineer shall have the authority to require inspection or testing of the Work in accordance with the provisions of the Contract Documents, whether or not such Work is fabricated, installed or completed. However, neither this authority of the Architect-Engineer nor a decision made in good faith either to exercise or not to exercise such authority shall give rise to a duty or responsibility of the Architect-Engineer to the Contractor, Subcontractors, material and equipment suppliers, their agents or employees or other persons or entities performing portions of the Work.

§ 2.6.2.3 The Architect-Engineer shall interpret and decide matters concerning performance under, and requirements of, the Contract Documents on written request of either the Owner or Contractor. The Architect-Engineer’s response to such requests shall be made in writing within any time limits agreed upon or otherwise within reasonable promptness.

§ 2.6.2.4 Interpretations and decisions of the Architect-Engineer shall be consistent with the intent of and reasonably inferable from the Contract Documents and shall be in writing or in the form of drawings. When making such interpretations and decisions, the Architect-Engineer shall endeavor to secure faithful performance by both Owner and Contractor, shall not show partiality to either, and shall not be liable for results of interpretations or decisions rendered in good faith. The Architect-Engineer’s decisions on matters relating to aesthetic effect shall be final if consistent with the intent expressed in the Contract Documents.

§ 2.6.2.5 Unless the Owner and Contractor designate another person to serve as an Initial Decision Maker, as that term is defined in AIA Document A201–2007, the Architect-Engineer shall render initial decisions on Claims between the Owner and Contractor as provided in the Contract Documents.

§ 2.6.3 CERTIFICATES FOR PAYMENT TO CONTRACTOR

§ 2.6.3.1 The Architect-Engineer shall review and certify the amounts due the Contractor and shall issue certificates in such amounts. The Architect-Engineer’s certification for payment shall constitute a representation to the Owner, based on the Architect-Engineer’s evaluation of the Work as provided in Section 2.6.2 and on the data comprising the Contractor’s Application for Payment, that, to the best of the Architect-Engineer’s knowledge, information and belief, the Work has progressed to the point indicated and that the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject (1) to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, (2) to results of subsequent tests and inspections, (3) to correction of minor deviations from the Contract Documents prior to completion, and (4) to specific qualifications expressed by the Architect-Engineer.

§ 2.6.3.2 The issuance of a Certificate for Payment shall not be a representation that the Architect-Engineer has (1) made exhaustive or continuous on-site inspections to check the quality or quantity of the Work, (2) reviewed construction means, methods, techniques, sequences or procedures, (3) reviewed copies of requisitions received from Subcontractors and material suppliers and other data requested by the Owner to substantiate the Contractor’s right to payment, or (4) ascertained how or for what purpose the Contractor has used money previously paid on account of the Contract Sum.

§ 2.6.3.3 The Architect-Engineer shall maintain a record of the Applications and Certificates for Payment.
§ 2.6.4 SUBMITTALS

§ 2.6.4.1 The Architect-Engineer shall review the Contractor’s submittal schedule and shall not unreasonably delay or withhold approval. The Architect-Engineer’s action in reviewing submittals shall be taken in accordance with the approved submittal schedule or, in the absence of an approved submittal schedule, with reasonable promptness while allowing sufficient time in the Architect-Engineer’s professional judgment to permit adequate review.

§ 2.6.4.2 In accordance with the Architect-approved Engineer-approved submittal schedule, the Architect-Engineer shall review and approve or take other appropriate action upon the Contractor’s submittals such as Shop Drawings, Product Data and Samples, but only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Documents. Review of such submittals is not for the purpose of determining the accuracy and completeness of other information such as dimensions, quantities, and installation or performance of equipment or systems, which are the Contractor’s responsibility. The Architect-Engineer’s responsibility (unless such information is essential under the design concept expressed in the Contract Documents). The Engineer’s review shall not constitute approval of safety precautions or, unless otherwise specifically stated by the Architect, Engineer, of any construction means, methods, techniques, sequences or procedures. The Architect-Engineer’s approval of a specific item shall not indicate approval of an assembly of which the item is a component.

§ 2.6.4.3 If the Contract Documents specifically require the Contractor to provide professional design services or certifications by a design professional related to systems, materials or equipment, the Architect-Engineer shall specify the appropriate performance and design criteria that such services must satisfy. The Architect-Engineer shall review shop Drawings and other submittals related to the Work designed or certified by the design professional retained by the Contractor that bear such professional’s seal and signature when submitted to the Architect. The Architect-Engineer. The Engineer shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications and approvals performed or provided by such design professionals.

§ 2.6.4.4 Subject to the provisions of Section 3.3, the Architect-Engineer shall review and respond to requests for information about the Contract Documents. The Architect-Engineer shall set forth in the Contract Documents the requirements for requests for information. Requests for information shall include, at a minimum, a detailed written statement that indicates the specific Drawings or Specifications in need of clarification and the nature of the clarification requested. The Architect-Engineer’s response to such requests shall be made in writing within any time limits agreed upon, or otherwise with reasonable promptness. If appropriate, the Architect shall prepare Engineer shall prepare replace, reproduce and distribute and issue supplemental Drawings and Specifications in response to requests for information.

§ 2.6.4.5 The Architect-Engineer shall maintain a record of submittals and copies of submittals supplied by the Contractor in accordance with the requirements of the Contract Documents.

§ 2.6.5 CHANGES IN THE WORK

§ 2.6.5.1 The Architect-Engineer may authorize minor changes in the Work that are consistent with the intent of the Contract Documents and do not involve an adjustment in the Contract Sum or an extension of the Contract Time. Subject to the provisions of Section 3.3, the Architect-Engineer shall prepare Change Orders and Construction Change Directives for the Owner’s approval and execution in accordance with the Contract Documents.

§ 2.6.5.2 The Architect shall maintain records relative to changes in the Work. The Engineer shall review reasonable requests by the Owner or Contractor for changes in the Work, including adjustments to the Contract Sum or Contract Time. A properly prepared request for a change in the Work shall be accompanied by sufficient supporting data and information to permit the Engineer to make a reasonable determination without extensive investigation or preparation of additional drawings or specifications. If the Engineer determines that requested changes in the Work are not materially different from the requirements of the Contract Documents, the Engineer may issue an order for a minor change in the Work or recommend to the Owner that the requested change be denied.

§ 2.6.5.3 If the Engineer determines that implementation of the requested changes would result in a material change to the Contract that may cause an adjustment in the Contract Time or Contract Sum, the Engineer shall make a recommendation to the Owner, who may authorize further investigation of such change. Upon such authorization, and based upon information furnished by the Contractor, if any, the Engineer shall estimate the additional cost and time that might result from such change, including any additional costs attributable to a Change in Services of the Engineer.
With the Owner’s approval, the Engineer shall incorporate those estimates into a Change Order or other appropriate documentation for the Owner’s execution or negotiation with the Contractor.

§ 2.6.54 The Engineer shall maintain records relative to changes in the Work.

§ 2.6.6 PROJECT COMPLETION

§ 2.6.6.1 The Architect-Engineer shall conduct inspections to determine the date or dates of Substantial Completion and the date of final completion; issue Certificates of Substantial Completion; receive from the Contractor and forward to the Owner, for the Owner’s review and records, written warranties and related documents required by the Contract Documents and assembled by the Contractor; and issue a final Certificate for Payment based upon a final inspection indicating the Work complies with the requirements of the Contract Documents.

§ 2.6.6.2 The Architect-Engineer’s inspections shall be conducted with the Owner to check conformance of the Work with the requirements of the Contract Documents and to verify the accuracy and completeness of the list submitted by the Contractor of Work to be completed or corrected.

§ 2.6.6.3 When the Work is found to be substantially complete, the Architect Engineer shall inform the Owner about the balance of the Contract Sum remaining to be paid the Contractor, including the amount to be retained from the Contract Sum, if any, for final completion or correction of the Work.

§ 2.6.6.4 The Architect Engineer shall forward to the Owner the following information received from the Contractor: (1) consent of surety or sureties, if any, to reduction in or partial release of retainage or the making of final payment; (2) affidavits, receipts, releases and waivers of liens or bonds indemnifying the Owner against liens; and (3) any other documentation required of the Contractor under the Contract Documents.

§ 2.6.6.5 Upon request of the Owner, and prior to the expiration of one year from the date of Substantial Completion, the Architect Engineer shall, without additional compensation, conduct a meeting with the Owner to review the facility operations and performance and to make appropriate recommendations to the Owner.

ARTICLE 3 ADDITIONAL SERVICES

§ 3.1 Additional Services listed below are not included in Basic Services but may be required for the Project. The Architect-Engineer shall provide the listed Additional Services only if specifically designated in the table below as the Architect’s Engineer’s responsibility, and the Owner shall compensate the Architect Engineer as provided in Section 6.2.

(Designate the Additional Services the Architect-Engineer shall provide in the second column of the table below. In the third column indicate whether the service description is located in Section 3.2 or in an attached exhibit. If in an exhibit, identify the exhibit.)

<table>
<thead>
<tr>
<th>Additional Services</th>
<th>Responsibility (Architect, Owner or Not Provided)</th>
<th>Location of Service Description (Section 3.2 below or in an exhibit attached to this document and identified below)</th>
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<td>§ 3.1.1 Programming</td>
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<td>§ 3.1.13 Conformed construction documents</td>
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<td>§ 3.1.14 As-designed record drawings</td>
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§ 3.2 Insert a description of each Additional Service designated above as the Architect’s Engineer’s responsibility, if not further described in an exhibit attached to this document.

§ 3.3 Additional Services may be provided after execution of this Agreement, without invalidating the Agreement. Except for services required due to the fault of the Architect, Engineer, any Additional Services provided in accordance with this Section 3.3 shall entitle the Architect, Engineer to compensation pursuant to Section 6.3.

§ 3.3.1 Upon recognizing the need to perform the following Additional Services, the Architect, Engineer shall notify the Owner with reasonable promptness and explain the facts and circumstances giving rise to the need. The Architect, Engineer shall not proceed to provide the following services until the Architect, Engineer receives the Owner’s written authorization:

1. Services necessitated by a change in the Initial Information, previous instructions or approvals given by the Owner, or a material change in the Project including, but not limited to, size, quality, complexity, the Owner’s schedule or budget for Cost of the Work, or procurement or delivery method;
2. Services necessitated by the Owner’s request for extensive environmentally responsible design alternatives, such as unique system designs, in-depth material research, energy modeling, or LEED® certification; (other than Additional services listed in Section 3.1)
3. Changing or editing previously prepared Instruments of Service necessitated by the enactment or revision of codes, laws or regulations or official interpretations;
4. Services necessitated by decisions of the Owner not rendered in a timely manner or any other failure of performance on the part of the Owner or the Owner’s consultants or contractors;
5. Preparing digital data for transmission to the Owner’s consultants and contractors, or to other Owner authorized recipients;
6. Preparation of design and documentation for alternate bid or proposal requests proposed by the Owner;
7. Preparation for, and attendance at, a public presentation, meeting or hearing;
8. Preparation for, and attendance at a dispute resolution proceeding or legal proceeding, except where the Architect, Engineer is party thereto;
9. Evaluation of the qualifications of bidders or persons providing proposals;
10. Consultation concerning replacement of Work resulting from fire or other cause during construction; or
11. Assistance to the Initial Decision Maker, if other than the Architect, Engineer.

§ 3.3.2 To avoid delay in the Construction Phase, the Architect, Engineer shall provide the following Additional Services, notify the Owner with reasonable promptness, and explain the facts and circumstances giving rise to the need. If the Owner subsequently determines that all or parts of those services are not required, the Owner shall give prompt written notice to the Architect, Engineer, and the Owner shall have no further obligation to compensate the Architect, Engineer for those services:
.1 Reviewing a Contractor’s submittal out of sequence from the submittal schedule agreed to by the Architect-Engineer;
.2 Responding to the Contractor’s requests for information that are not prepared in accordance with the Contract Documents or where such information is available to the Contractor from a careful study and comparison of the Contract Documents, field conditions, other Owner-provided information, Contractor-prepared coordination drawings, or prior Project correspondence or documentation;
.3 Preparing Change Orders and Construction Change Directives that require evaluation of Contractor’s proposals and supporting data, or the preparation or revision of Instruments of Service;
.4 Evaluating an extensive number of Claims as the Initial Decision Maker;
.5 Evaluating substitutions proposed by the Owner or Contractor and making subsequent revisions to Instruments of Service resulting therefrom; or
.6 To the extent the Architect-Engineer’s Basic Services are affected, providing Construction Phase Services 60 days after (1) the date of Substantial Completion of the Work or (2) the anticipated date of Substantial Completion, identified in Initial Information, whichever is earlier.

§ 3.3.3 The Architect-Engineer shall provide Construction Phase Services exceeding the limits set forth below as Additional Services. When the limits below are reached, the Architect-Engineer shall notify the Owner:
.1 two (2) reviews of each Shop Drawing, Product Data item, sample and similar submittal of the Contractor
.2 ( ) visits Visits to the site by the Architect-Engineer over the duration of the Project during construction, as required to support project
.3 two (2) inspections for any portion of the Work to determine whether such portion of the Work is substantially complete in accordance with the requirements of the Contract Documents
.4 two (2) inspections for any portion of the Work to determine final completion

§ 3.3.4 If the services covered by this Agreement have not been completed within ( ) months of the date of this Agreement, through no fault of the Architect-Engineer, extension of the Architect-Engineer’s services beyond that time shall be compensated as Additional Services.

ARTICLE 4 OWNER’S RESPONSIBILITIES
§ 4.1 The Owner shall establish and periodically update the Owner’s budget for the Project, including (1) the budget that portion allocated for the Cost of the Work as defined in Section 5.1; (2) the Owner’s other costs; and, (3) reasonable contingencies related to all of these costs. If the Owner significantly increases or decreases the Owner’s budget for the Cost of the Work, the Owner shall notify the Architect. The Owner and the Architect shall thereafter agree to a corresponding change in the Project’s scope and quality.

§ 4.2 Unless otherwise provided in this Agreement the Owner shall furnish surveys to describe physical characteristics, legal limitations and utility locations for the site of the Project, and a written legal description of the site. The surveys and legal information shall include, as applicable, grades and lines of streets, alleys, pavements and adjoining property and structures; designated wetlands; adjacent drainage; rights-of-way, restrictions, easements, encroachments, zoning, deed restrictions, boundaries and contours of the site; locations, dimensions and necessary data with respect to existing buildings, other improvements and trees; and information concerning available utility services and lines, both public and private, above and below grade, including inverts and depths. All the information on the survey shall be referenced to a Project benchmark.

§ 4.3 Unless otherwise provided in this Agreement The Owner shall furnish services of geotechnical engineers, which may include but are not limited to test borings, test pits, determinations of soil bearing values, percolation tests, evaluations of hazardous materials, seismic evaluation, ground corrosion tests and resistivity tests, including necessary operations for anticipating subsurface conditions, with written reports and appropriate recommendations.

§ 4.4 Unless otherwise provided in this Agreement The Owner shall furnish tests, inspections and reports required by law or the Contract Documents, such as structural, mechanical, and chemical tests, tests for air and water pollution, and tests for hazardous materials.

§ 4.5 Except as otherwise provided in this Agreement, or when direct communications have been specially authorized, the Owner shall endeavor to communicate with the Contractor and the Architect-Engineer’s consultants through the
§ 4.6 Before executing the Contract for Construction, the Owner shall coordinate the Architect’s Engineer’s duties and responsibilities set forth in the Contract for Construction with the Architect’s Engineer’s services set forth in this Agreement. The Owner shall provide the Architect’s Engineer a copy of the executed agreement between the Owner and Contractor, including the General Conditions of the Contract for Construction.

§ 4.7 The Owner shall provide the Architect’s Engineer access to the Project site prior to commencement of the Work and shall obligate the Contractor to provide the Architect’s Engineer access to the Work wherever it is in preparation or progress.

ARTICLE 5 COST OF THE WORK

§ 5.1 For purposes of this Agreement, the Cost of the Work shall be the total cost to the Owner to construct all elements of the Project designed or specified by the Architect’s Engineer and shall include contractors’ general conditions costs, overhead and profit, and profit based on current market rates of labor and materials and as defined in the AIA Document A201-2007, General Conditions of the Contract for Construction, as modified by Owner and attached as Exhibit A, pages 1 thru 51. The Cost of the Work does not include the compensation of the Architect’s Engineer, the costs of the land, rights-of-way, financing, contingencies for changes in the Work or other costs that are the responsibility of the Owner.

§ 5.2 The Owner’s budget for the Cost of the Work is provided in Initial Information, and may be adjusted throughout the Project as required under Sections 4.1, 5.4 and 5.5. Evaluations of the Owner’s budget for the Cost of the Work, the preliminary estimate of the Cost of the Work and updated estimates of the Cost of the Work prepared by the Architect’s Engineer, represent the Architect’s Engineer’s judgment as a design professional. It is recognized, however, that neither the Architect’s Engineer nor the Owner has control over the cost of labor, materials or equipment; the Contractor’s methods of determining bid prices; or competitive bidding, market or negotiating conditions. Accordingly, the Architect’s Engineer cannot and does not warrant or represent that bids or negotiated prices will not vary from the Owner’s budget for the Cost of the Work or from any estimate of the Cost of the Work or evaluation prepared or agreed to by the Architect’s Engineer.

§ 5.3 In preparing estimates of the Cost of the Work, the Architect’s Engineer shall be permitted to include contingencies for design, bidding and price escalation; to determine what materials, equipment, component systems and types of construction are to be included in the Contract Documents; to make reasonable adjustments in the program and scope of the Project; and to include in the Contract Documents alternate bids as may be necessary to adjust the estimated Cost of the Work to meet the Owner’s budget for the Cost of the Work. The Architect’s Engineer’s estimate of the Cost of the Work shall be based on current area, volume or similar conceptual estimating techniques. If the Owner requests detailed cost estimating services, the Architect’s Engineer shall provide such services as an Additional Service under Article 3.

§ 5.4 If the Bidding or Negotiation Phase has not commenced within 90 180 days after the Architect’s Engineer submits the Construction Documents to the Owner, through no fault of the Architect, the Engineer, the Owner’s budget for the Cost of the Work shall be adjusted to reflect changes in the general level of prices in the applicable construction market, market, upon written direction by the Owner.

§ 5.5 If at any time the Architect’s Engineer’s estimate of the Cost of the Work exceeds the Owner’s budget for the Cost of the Work, the Architect’s Engineer shall make appropriate recommendations to the Owner to adjust the Project’s size, quality or budget for the Cost of the Work, and the Owner shall cooperate with the Architect’s Engineer in making such adjustments.

§ 5.6 If the Owner’s budget for the Cost of the Work at the conclusion of the Construction Documents Phase Services is exceeded by the lowest bona fide bid or negotiated proposal, the Owner shall engage one or more of the following options:

.1 give written approval of an increase in the budget for the Cost of the Work;
.2 authorize rebidding or renegotiating of the Project within a reasonable time;
.3 terminate in accordance with Section 5.5 of AIA Document B102–2007;
4 in consultation with the Architect-Engineer, revise the Project program, scope, or quality as required to reduce the Cost of the Work; or
5 implement any other mutually acceptable alternative.

§ 5.7 If the Owner chooses to proceed under Section 5.6.4, the Architect-Engineer, without additional compensation, shall modify the Construction Documents as necessary to comply with the Owner’s budget for the Cost of the Work at the conclusion of the Construction Documents Phase Services, or the budget as adjusted under Section 6.6.1. The Architect-Engineer’s modification of the Construction Documents shall be the limit of the Architect-Engineer’s responsibility under this Article 5.

ARTICLE 6 COMPENSATION
§ 6.1 For the Architect-Engineer’s Basic Services described under Article 2, the Owner shall compensate the Architect-Engineer as follows:
(Insert amount of, or basis for, compensation.)

§ 6.2 For Additional Services designated in Section 3.1, the Owner shall compensate the Architect-Engineer as follows:
(Insert amount of, or basis for, compensation. If necessary, list specific services to which particular methods of compensation apply.)

§ 6.3 For Additional Services that may arise during the course of the Project, including those under Section 3.3, during the course of the Project, the Owner shall compensate the Architect-Engineer as follows:
(Insert amount of, or basis for, compensation.)

§ 6.4 Compensation for Additional Services of the Architect-Engineer’s consultants when not included in Section 6.2 or 6.3, shall be the amount invoiced to the Architect-Engineer plus a fee of percent (%) of the amount invoiced, or as otherwise stated below:

§ 6.5 Where compensation for Basic Services is based on a stipulated sum or percentage of the Cost of the Work, the compensation for each phase of services shall be as follows:

<table>
<thead>
<tr>
<th>Phase</th>
<th>Compensation Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schematic Design Phase</td>
<td>percent (%)</td>
</tr>
<tr>
<td>Design Development Phase</td>
<td>percent (%)</td>
</tr>
<tr>
<td>Construction Documents Phase</td>
<td>percent (%)</td>
</tr>
<tr>
<td>Bidding or Negotiation Phase</td>
<td>percent (%)</td>
</tr>
<tr>
<td>Construction Phase</td>
<td>percent (%)</td>
</tr>
<tr>
<td>Total Basic Compensation</td>
<td>one hundred percent (%)</td>
</tr>
</tbody>
</table>

§ 6.6 When compensation is based on a percentage of the Cost of the Work and any portions of the Project are deleted or otherwise not constructed, compensation for those portions of the Project shall be payable to the extent services are performed on those portions, in accordance with the schedule set forth in Section 6.5 based on (1) the lowest bona fide bid or negotiated proposal, or (2) if no such bid or proposal is received, the most recent estimate of the Cost of the Work for such portions of the Project. The Architect-Engineer shall be entitled to compensation in accordance with this Agreement for all services performed whether or not the Construction Phase is commenced.
§ 6.7 The hourly billing rates for services of the Architect Engineer and the Architect’s Engineer’s consultants, if any, are set forth below. The rates shall be adjusted in accordance with the Architect’s and Architect’s Engineer’s and Engineer’s consultants’ normal review practices.

(If applicable, attach an exhibit of hourly billing rates or insert them below.)

<table>
<thead>
<tr>
<th>Employee or Category</th>
<th>Rate</th>
</tr>
</thead>
</table>

ARTICLE 7 ATTACHMENTS AND EXHIBITS

The following attachments and exhibits, if any, are incorporated herein by reference:

(List other documents, if any, including Exhibit A, Initial Information, and any exhibits relied on in Section 3.1.)

AIA Document B102-2007, Standard form of Agreement Between Owner and Engineer, as modified by Owner.

Exhibit A - AIA Document A201-2007, General Conditions, as modified by Owner, pages 1 thru 51
Exhibit B – Proposal dated ________, pages 1 thru ______