

 **AIA**® Document A133™ – 2009

**Standard Form of Agreement Between Owner and Construction Manager as Constructor where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price**

**AGREEMENT** made as of the 10 day of December in the year 2018  
*(In words, indicate day, month and year.)*

**BETWEEN** the Owner:  
*(Name, legal status and address)*

The City of Lawrence, Kansas  
P.O. Box 708  
6 East 6th Street  
Lawrence, KS 66044-0708

and the Construction Manager:  
*(Name, legal status and address)*

Turner Construction Company  
1220 Washington St., Suite 100  
Kansas City, MO 64105

for the following Project:  
*(Name and address or location)*

Construction Management Services for the Construction of a New Police Headquarters facility

The Architect:  
*(Name, legal status and address)*

Hoefer Wysocki Architects  
11460 Tomahawk Creek Parkway, Suite 400  
Leawood, KS 66211

The Owner's Designated Representative:  
*(Name, address and other information)*

Melinda Harger  
Project Manager  
The City of Lawrence, Kansas  
P.O. Box 708  
6 East 6th Street  
Lawrence, KS 66044-0708

The Construction Manager's Designated Representative:  
*(Name, address and other information)*

Mark Iammarino  
Vice President, General Manager

**ADDITIONS AND DELETIONS:**  
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

AIA Document A201™–2007, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

12220 Washington St., Suite 100  
Kansas City, MO 64105

The Architect's Designated Representative:  
*(Name, address and other information)*

Ken Henton  
Hofer Wysocki Architects  
11460 Tomahawk Creek Parkway, Suite 400  
Kansas City, MO 66211

The Owner and Construction Manager agree as follows.

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## EXHIBIT A GUARANTEED MAXIMUM PRICE AMENDMENT

### ARTICLE 1 GENERAL PROVISIONS

#### § 1.1 The Contract Documents

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), as amended, Drawings, Specifications, Addenda, Pre Award Clarification Document issued prior to the execution of this Agreement, City of Lawrence Request for Qualifications ("RFQ"), other documents listed in this Agreement, and Modifications issued after execution of this Agreement, all of which form the Contract and are as fully a part of the Contract as if attached to this Agreement or repeated herein. Upon the Owner's acceptance of the Construction Manager's Guaranteed Maximum Price proposal, the Contract Documents will also include the documents described in Section 2.2.3 and identified in the Guaranteed Maximum Price Amendment and revisions prepared by the Architect and furnished by the Owner as described in Section 2.2.8. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. If anything in the other Contract Documents, other than a Modification, is inconsistent with this Agreement, this Agreement shall govern. In the event Construction Manager discovers any conflict between or among the Contract Documents, the Construction Manager shall immediately notify, in writing, the Owner and the Architect and request clarification. To assist in such clarification, the documents will be given precedence in the following order of priority:

- (a) The GMP Amendment;
- (b) Other Modifications issued after the execution of this Agreement;
- (b) This Agreement;
- (c) Supplementary Conditions, if any;
- (d) Final Drawings and Specifications;
- (e) General Conditions of the Contract for Construction, as amended;
- (f) Preliminary Drawings and Specifications; and
- (g) Pre Award Clarification Document attached hereto as **Exhibit B**.

#### § 1.2 Relationship of the Parties

The Construction Manager accepts the relationship of trust and confidence established by this Agreement and covenants with the Owner to cooperate with the Architect and exercise the Construction Manager's skill and judgment in furthering the interests of the Owner; to furnish efficient construction administration, management services and

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supervision; to furnish at all times an adequate supply of workers and materials; and to perform the Work in an expeditious and economical manner consistent with the Owner's interests. The Owner agrees to furnish or approve, in a timely manner, information required by the Construction Manager and to make payments to the Construction Manager in accordance with the requirements of the Contract Documents.

### **§ 1.3 General Conditions**

For the Preconstruction Phase, AIA Document A201™–2017, General Conditions of the Contract for Construction, shall apply only as specifically provided in this Agreement. For the Construction Phase, the general conditions of the contract shall be as set forth in A201–2017, which document is incorporated herein by reference. The term "Contractor" as used in A201–2017 shall mean the Construction Manager.

## **ARTICLE 2 CONSTRUCTION MANAGER'S RESPONSIBILITIES**

The Construction Manager's Preconstruction Phase responsibilities are set forth in Sections 2.1 and 2.2. The Construction Manager's Construction Phase responsibilities are set forth in Section 2.3. The Owner and Construction Manager may agree, in consultation with the Architect, for the Construction Phase to commence prior to completion of the Preconstruction Phase, in which case, both phases will proceed concurrently. The Construction Manager shall identify a representative authorized to act on behalf of the Construction Manager with respect to the Project.

### **§ 2.1 Preconstruction Phase**

**§ 2.1.1** The Construction Manager shall provide a preliminary evaluation of the Owner's program, schedule and construction budget requirements, each in terms of the other.

#### **§ 2.1.2 Consultation**

The Construction Manager shall schedule and conduct meetings with the Architect and Owner to discuss such matters as procedures, progress, coordination, and scheduling of the Work. The Construction Manager shall advise the Owner and the Architect on proposed site use and improvements, selection of materials, and building systems and equipment. The Construction Manager shall also provide recommendations consistent with the Project requirements to the Owner and Architect on evaluations of design as to constructability; availability of materials and labor; time requirements for procurement, installation and construction, document review, prequalification of subcontractors, and pre-planning for site activities; and factors related to construction cost including, but not limited to, costs of alternative designs or materials, preliminary budgets, life-cycle data, and possible cost reductions.

**§ 2.1.3** When Project requirements in Section 3.1.1 have been sufficiently identified, the Construction Manager shall prepare and periodically update a Project schedule for the Architect's review and the Owner's acceptance. The Construction Manager shall obtain the Architect's approval for the portion of the Project schedule relating to the performance of the Architect's services. The Project schedule shall coordinate and integrate the Construction Manager's services, the Architect's services, other Owner consultants' services, and the Owner's responsibilities and identify items that could affect the Project's timely completion. The updated Project schedule shall include the following: submission of the Guaranteed Maximum Price proposal; components of the Work; times of commencement and completion required of each Subcontractor; ordering and delivery of products, including those that must be ordered well in advance of construction; and the occupancy requirements of the Owner.

#### **§ 2.1.4 Phased Construction**

The Construction Manager shall provide recommendations with regard to accelerated or fast-track scheduling, procurement, or phased construction. The Construction Manager shall take into consideration cost reductions, cost information, constructability, provisions for temporary facilities and procurement and construction scheduling issues.

#### **§ 2.1.5 Preliminary Cost Estimates**

**§ 2.1.5.1 Preliminary Guaranteed Maximum Price.** Within 90 days of the execution of this Agreement, the Construction Manager will develop with the Owner and Architect and propose to the Owner a Preliminary Guaranteed Maximum Price for the Project. The Parties understand that the Preliminary Guaranteed Maximum Price will be based on the design drawings existing at the time of the RFQ proposal submitted by Construction Manager, and the schematic design drawings that will become available in January 2019. ("Preliminary GMP"). The Preliminary GMP is also understood to be based on the decisions made in the Design Review and Pricings Meetings documented by the minutes distributed from those meetings. The Preliminary GMP shall also set forth an anticipated date of Substantial Completion, subject to Owner's review and approval. The Preliminary GMP may be adjusted during the design review and pricing process with Architect and Owner. It is the Construction Manager's responsibility to promptly

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notify the Owner in writing in the event it observes the scope of the design work may prompt higher anticipated costs for construction. In such an event, the Construction Manager may request concurrence from the Owner.

It is understood, however, that Construction Manager will subsequently propose a GMP Amendment for the Project for Owner's review and approval at the time the design has developed to the extent that enables Construction Manager to obtain bids from subcontractors and materialmen for the trade items and activities anticipated for the Work. Upon approval by Owner, the GMP will be established for the Contract via a GMP Amendment, as provided in Section 2.2 below.

**§ 2.1.5.2** The Preliminary GMP shall be based on the preliminary design and other design criteria prepared by the Architect, and shall utilize area, volume or similar conceptual estimating techniques for the Architect's review and Owner's approval. If the Architect or Construction Manager suggests alternative materials and systems, the Construction Manager shall provide cost evaluations of those alternative materials and systems.

**§ 2.1.5.3** As the Architect progresses with the preparation of the Schematic Design, Design Development and Construction Documents, the Construction Manager shall prepare and update, at appropriate intervals agreed to by the Owner, Construction Manager and Architect, estimates of the Cost of the Work of increasing detail and refinement and allowing for the further development of the design until such time as the Owner and Construction Manager agree on a Guaranteed Maximum Price for the Work. Such estimates shall be provided for the Architect's review and the Owner's approval. The Construction Manager shall inform the Owner and Architect when estimates of the Cost of the Work exceed the latest approved Project budget and make recommendations for corrective action.

**§ 2.1.5.4** Concurrent with the submittal of each estimate, the Construction Manager shall submit a detailed list of value analysis options and the associated estimated costs. The Construction Manager shall meet and work with the Project Delivery Team in the evaluation of the various options and incorporate selected options into the estimates.

**§ 2.1.5.5** The Construction Manager shall assist the Owner and Program Manager in reviewing the Owner Furnished Equipment and Furnishings, material and installation costs, and other exposures that could potentially affect the Project Budget.

#### **§ 2.1.6 Subcontractors and Suppliers**

The Construction Manager shall develop bidders' interest in the Project for Owner's written approval.

**§ 2.1.7** The Construction Manager shall prepare, for the Architect's review and the Owner's acceptance, a procurement schedule for items that must be ordered well in advance of construction. The Construction Manager shall expedite and coordinate the ordering and delivery of materials that must be ordered well in advance of construction. If the Owner agrees to procure any items prior to the establishment of the Guaranteed Maximum Price, the Owner shall procure the items on terms and conditions acceptable to the Construction Manager. Upon the establishment of the Guaranteed Maximum Price, the Owner shall assign all contracts for these items to the Construction Manager and the Construction Manager shall thereafter accept responsibility for them.

#### **§ 2.1.8 Extent of Responsibility**

The Construction Manager shall exercise reasonable care in preparing schedules and estimates. The Construction Manager, however, does not warrant or guarantee estimates and schedules except as may be included as part of the Guaranteed Maximum Price per an agreed upon GMP Amendment. The Construction Manager is not required to ascertain that the Drawings and Specifications are in accordance with applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, but the Construction Manager shall promptly report to the Architect and Owner any nonconformity discovered by or made known to the Construction Manager as a request for information in such form as the Architect may require.

#### **§ 2.1.9 Notices and Compliance with Laws**

The Construction Manager shall comply with applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities applicable to its performance under this Contract, and with equal employment opportunity programs, and other programs as may be required by governmental and quasi governmental authorities for inclusion in the Contract Documents.

#### **§ 2.1.10 Document Design Review**



**§ 2.1.10.1** The Construction Manager shall review all Schematic Design, Design Development and Construction Documents as they are prepared and are made available by the Architect for the purpose of recommending alternative solutions whenever such matters affect cost construction feasibility or schedules without, however, assuming any of the Architect's responsibilities for design. The Construction Manager shall meet and work with the Project Delivery Team to evaluate options and incorporate selected options into the estimates of the Cost of Work.

**§ 2.1.10.2** The Construction Manager shall provide continual input to the Project Delivery Team addressing constructability, availability of materials, and qualified trades for specialized systems. The Construction Manager shall also provide comparative cost/benefit analyses for various building systems, budget/schedule impact as specific phases of the overall design are developed in order to ensure the development and completion of Construction Documents within the budget and schedule limitation.

## **§ 2.2 Guaranteed Maximum Price Proposal and Contract Time**

**§ 2.2.1** At a time when the Drawings and Specifications are issued by the Architect for the entire Project are 90% complete so that Construction Manager can obtain bids from subcontractors and materialmen for the various scopes of work, the Construction Manager shall propose the Guaranteed Maximum Price ("GMP") for the Project. Owner shall approve, reject or modify such proposed GMP within 30 calendar days of receipt so that bids can be locked in by Construction Manager. Upon Agreement between Owner and Construction Manager as to the GMP, the GMP shall be set forth in an Amendment to this Agreement (the "GMP Amendment.") The Construction Manager shall not execute any subcontractor or purchase order or commence any construction work prior to the execution of the GMP amendment by both parties, unless Owner, in its sole discretion specified and authorizes, in writing certain work to commence before the GMP is approved. The Guaranteed Maximum Price in the proposal shall be the sum of the Construction Manager's estimate of the Cost of the Work, including contingencies described in Section 2.2.4, and the Construction Manager's Fee.

*(Paragraph deleted)*

**§ 2.2.3** The Construction Manager shall include with the Guaranteed Maximum Price proposal a written statement of its basis, which shall include the following:

- .1 A list of the Drawings and Specifications, including all Addenda thereto, and the Conditions of the Contract;
- .2 A list of the clarifications and assumptions made by the Construction Manager in the preparation of the Guaranteed Maximum Price proposal, including assumptions under Section 2.2.2, to supplement the information provided by the Owner and contained in the Drawings and Specifications;
- .3 A statement of the proposed Guaranteed Maximum Price, including a statement of the estimated Cost of the Work organized by trade categories or systems, allowances, contingency, and the Construction Manager's Fee;
- .4 The anticipated date of Substantial Completion upon which the proposed Guaranteed Maximum Price is based;
- .5 All allowances and unit prices used in creating the GMP.

**§ 2.2.4** In preparing the Construction Manager's Guaranteed Maximum Price proposal, the Construction Manager shall include its contingency for the Construction Manager's exclusive use to cover those costs considered reimbursable as the Cost of the Work but not included in a Change Order. The use of such contingency shall be limited to events not reasonably anticipated from the drawings and specifications existing at the time of the GMP Amendment, or for items not included within the GMP but necessary to carry out the Work. Further, the release of any funds allocated for Construction Manager's use must be communicated in writing to the Owner on a monthly basis.

**§ 2.2.5** The Construction Manager shall meet with the Owner and Architect to review the Guaranteed Maximum Price proposal. In the event that the Owner and Architect discover any inconsistencies or inaccuracies in the information presented, they shall promptly notify the Construction Manager, who shall make appropriate adjustments to the Guaranteed Maximum Price proposal, its basis, or both.

**§ 2.2.6** If the Owner notifies the Construction Manager that the Owner has accepted the Guaranteed Maximum Price proposal in writing before the date specified in the Guaranteed Maximum Price proposal, the Guaranteed Maximum Price proposal shall be deemed effective without further acceptance from the Construction Manager. Construction Manager acknowledges that the acceptance by Owner requires approval, as a condition precedent, by the City Commission. Following acceptance of a Guaranteed Maximum Price, the Owner and Construction Manager shall

execute the Guaranteed Maximum Price Amendment amending this Agreement, a copy of which the Owner shall provide to the Architect. The Guaranteed Maximum Price Amendment shall set forth the agreed upon Guaranteed Maximum Price with the information and assumptions upon which it is based. If a mutually agreeable GMP cannot be agreed upon within sixty (60) calendar days after the date Construction Manager receives Drawings and Specifications sufficiently detailed for Construction Manager to develop a GMP proposal, the Owner may terminate this Agreement without liability to Construction Manager, except for reimbursement of costs previously authorized by Owner and payment of pre-construction services provided under this Agreement prior to the date of termination in accordance with the compensation provisions herein.

**§ 2.2.7** The Construction Manager shall not incur any cost to be reimbursed as part of the Cost of the Work prior to the commencement of the Construction Phase, unless the Owner provides prior written authorization for such costs.

**§ 2.2.8** The Owner shall authorize the Architect to provide the revisions to the Drawings and Specifications to incorporate the agreed upon assumptions and clarifications contained in the Guaranteed Maximum Price Amendment. The Owner shall promptly furnish those revised Drawings and Specifications to the Construction Manager as they are revised. The Construction Manager shall notify the Owner and Architect of any inconsistencies between the Guaranteed Maximum Price Amendment and the revised Drawings and Specifications.

**§ 2.2.9** The Construction Manager shall include in the Guaranteed Maximum Price all sales, consumer, use and similar taxes for the Work provided by the Construction Manager that are legally enacted, whether or not yet effective, at the time the Guaranteed Maximum Price Amendment is executed. The Guaranteed Maximum Price shall also include an itemized amount for Construction Manager's General Conditions and Construction Manager represents and warrants that such General Conditions costs shall not duplicate or overlap other costs submitted by Construction Manager for Cost of Work under Article 6 herein. Any duplication in costs shall be considered grounds for termination.

## **§ 2.3 Construction Phase**

### **§ 2.3.1 General**

**§ 2.3.1.1** For purposes of Section 8.1.2 of A201–2017, as amended, the date of commencement of the Work shall mean the date of commencement of the Construction Phase.

**§ 2.3.1.2** The Construction Phase shall commence upon the Owner's acceptance of the Construction Manager's Guaranteed Maximum Price proposal or the Owner's issuance of a Notice to Proceed, whichever occurs earlier.

### **§ 2.3.2 Administration**

**§ 2.3.2.1** Those portions of the Work that the Construction Manager does not customarily perform with the Construction Manager's own personnel shall be performed under subcontracts or by other appropriate agreements with the Construction Manager. The Owner may designate specific persons from whom, or entities from which, the Construction Manager shall obtain bids. The Construction Manager shall obtain bids from Subcontractors and from suppliers of materials or equipment fabricated especially for the Work and shall deliver such bids to the Architect. The Owner shall then determine, with the advice of the Construction Manager and the Architect, which bids will be accepted. The Construction Manager shall not be required to contract with anyone to whom the Construction Manager has reasonable objection. If Construction Manager desires to self-perform such construction activities for the Project, it shall seek three (3) competitive bids for such work and seeks Owner's approval to perform such work, subject to Owner's sole discretion, which shall not be unreasonably withheld.

**§ 2.3.2.2** If the Guaranteed Maximum Price has been established and when a specific bidder (1) is recommended to the Owner by the Construction Manager, (2) is qualified to perform that portion of the Work, and (3) has submitted a bid that conforms to the requirements of the Contract Documents without reservations or exceptions, but the Owner requires that another bid be accepted, then the Construction Manager may require that a Change Order be issued to adjust the Contract Time and the Guaranteed Maximum Price by the difference between the bid of the person or entity recommended to the Owner by the Construction Manager and the amount and time requirement of the subcontract or other agreement actually signed with the person or entity designated by the Owner.

**§ 2.3.2.3** Subcontracts or other agreements shall conform to the applicable payment provisions of this Agreement, and shall not be awarded on the basis of cost plus a fee without the prior consent of the Owner. If the Subcontract is awarded on a cost plus fee basis, the Construction Manager shall provide in the Subcontract for the Owner to receive



the same audit rights with regard to the Subcontractor as the Owner receives with regard to the Construction Manager in Section 6.11 below.

**§ 2.3.2.4** If the Construction Manager recommends a specific bidder that may be considered a "related party" according to Section 6.10, then the Construction Manager shall promptly notify the Owner in writing of such relationship and notify the Owner of the specific nature of the contemplated transaction, according to Section 6.10.2.

**§ 2.3.2.5** The Construction Manager shall schedule and conduct meetings to discuss such matters as procedures, progress, coordination, scheduling, and status of the Work. The Construction Manager shall prepare and promptly distribute minutes to the Owner and Architect.

**§ 2.3.2.6** Upon the execution of the Guaranteed Maximum Price Amendment, the Construction Manager shall prepare and submit to the Owner and Architect a construction schedule for the Work and submittal schedule in accordance with Section 3.10 of A201–2017.

**§ 2.3.2.7** The Construction Manager shall record the progress of the Project. On a monthly basis, or otherwise as agreed to by the Owner, the Construction Manager shall submit written progress reports to the Owner and Architect, showing percentages of completion and other information required by the Owner. The Construction Manager shall also keep, and make available to the Owner and Architect, a daily log containing a record for each day of weather, portions of the Work in progress, number of workers on site, identification of equipment on site, problems that might affect progress of the work, accidents, injuries, and other information required by the Owner.

**§ 2.3.2.8** The Construction Manager shall develop a system of cost control for the Work, including regular monitoring of actual costs for activities in progress and estimates for uncompleted tasks and proposed changes. The Construction Manager shall identify variances between actual and estimated costs and report the variances to the Owner and Architect and shall provide this information in its monthly reports to the Owner and Architect, in accordance with Section 2.3.2.7 above.

#### **§ 2.4 Professional Services**

Section 3.12.10 of A201–2017 shall apply to both the Preconstruction and Construction Phases.

#### **§ 2.5 Hazardous Materials**

Section 10.3 of A201–2017 shall apply to both the Preconstruction and Construction Phases.

### **ARTICLE 3 OWNER'S RESPONSIBILITIES**

#### **§ 3.1 Information and Services Required of the Owner**

**§ 3.1.1** The Owner shall provide information reasonably necessary for the Construction Manager's providing of its services and the execution of the Work in a timely manner, including information regarding the requirements for and the limitations on the Project.

**§ 3.1.2** Prior to the execution of the Guaranteed Maximum Price Amendment, the Construction Manager may request in writing that the Owner provide reasonable evidence that the Owner has made financial arrangements to fulfill the Owner's obligations under the Contract.

**§ 3.1.3** The Owner shall establish and periodically update the Owner's budget for the Project, including (1) the budget for the Cost of the Work as defined in Section 6.1.1, (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 Construction Manager and Architect. The Owner and the Architect, in consultation with the Construction Manager, shall thereafter agree to a corresponding change in the Project's scope and quality.

**§ 3.1.4 Structural and Environmental Tests, Surveys and Reports.** During the Preconstruction Phase, any information furnished by the Owner and the Owner's consultants, will be furnished for informational purposes only. In no event shall the Owner's furnishing of such information excuse the Construction Manager from exercising proper precautions relating to the safe performance of the Work.

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§ 3.1.4.1 The Owner shall furnish tests, inspections and reports required by law and as otherwise agreed to by the parties, such as structural, mechanical, and chemical tests, tests for air and water pollution, and tests for hazardous materials.

§ 3.1.4.2 The Owner shall furnish surveys describing physical characteristics, legal limitations and utility locations for the site of the Project, and a 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.

§ 3.1.4.3 The Owner, when such services are requested, 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 subsoil conditions, with written reports and appropriate recommendations.

§ 3.1.4.4 During the Construction Phase, the Owner shall furnish information or services required of the Owner by the Contract Documents with reasonable promptness. The Owner shall also furnish any other information or services under the Owner's control and relevant to the Construction Manager's performance of the Work with reasonable promptness after receiving the Construction Manager's written request for such information or services.

### § 3.2 Owner's Designated Representative

The Owner shall identify a representative authorized to act on behalf of the Owner with respect to the Project. The Owner's representative shall render decisions promptly and furnish information expeditiously, so as to avoid unreasonable delay in the services or Work of the Construction Manager. Except as otherwise provided in Section 4.2.1 of A201-2017, as modified, the Architect does not have such authority. The term "Owner" means the Owner or the Owner's authorized representative.

§ 3.2.1 **Legal Requirements.** The Owner shall furnish all legal, insurance and accounting services, including auditing services, that may be reasonably necessary at any time for the Project to meet the Owner's needs and interests.

### § 3.3 Architect

The Owner shall retain an Architect to provide services, duties and responsibilities as described in AIA Document B133™-2014, Standard Form of Agreement Between Owner and Architect, Construction Manager as Constructor Edition, as modified. Upon written request, the Owner shall provide the Construction Manager a copy of the executed agreement between the Owner and the Architect, and any further modifications to the agreement, as may be redacted by Owner as to price terms.

## ARTICLE 4 COMPENSATION AND PAYMENTS FOR PRECONSTRUCTION PHASE SERVICES

### § 4.1 Compensation

§ 4.1.1 For the Construction Manager's Preconstruction Phase services, the Owner shall compensate the Construction Manager as follows:

§ 4.1.2 For the Construction Manager's Preconstruction Phase services described in Sections 2.1 and 2.2:  
*(Insert amount of, or basis for, compensation and include a list of reimbursable cost items, as applicable.)*

The Construction Manager's Preconstruction Phase fee is \$35,000 paid in installments as follows: (1) 50% upon Construction Manager's completion of the initial budget confirmation / Schematic Design estimate; (2) 25% upon Construction Manager's completion of the Design Development estimate; and (3) 25% upon Construction Manager's completion of the Construction Documents estimate / GMP proposal and execution of the GMP amendment.

§ 4.1.3 If the Preconstruction Phase services covered by this Agreement have not been completed within eight (8) months of the date of this Agreement, through no fault of the Construction Manager, the Construction Manager's compensation for Preconstruction Phase services shall be equitably adjusted.

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§ 4.1.4 Compensation based on Direct Personnel Expense includes the direct salaries of the Construction Manager's personnel providing Preconstruction Phase services on the Project and the Construction Manager's costs for the mandatory and customary contributions and benefits related thereto, such as employment taxes and other statutory employee benefits, insurance, sick leave, holidays, vacations, employee retirement plans and similar contributions.

**§ 4.2 Payments**

§ 4.2.1 Unless otherwise agreed, payments for services shall be made monthly in proportion to services performed.

§ 4.2.2 Payments are due and payable thirty (30) days from the date the Construction Manager's invoice is presented and approved by the Architect and the Owner. Amounts unpaid thirty (30) days after the invoice has been presented and approved by the Architect and the Owner shall bear interest at the rate entered below, or in the absence thereof at the legal rate prevailing from time to time at the principal place of business of the Construction Manager.  
*(Insert rate of monthly or annual interest agreed upon.)*

One and one-half percent (1.5%)

**ARTICLE 5 COMPENSATION FOR CONSTRUCTION PHASE SERVICES**

§ 5.1 For the Construction Manager's performance of the Work as described in Section 2.3, the Owner shall pay the Construction Manager the Contract Sum in current funds. The Contract Sum is the Cost of the Work as defined in Section 6.1.1 plus the Construction Manager's Fee.

§ 5.1.1 The Construction Manager's Fee:

*(State a lump sum, percentage of Cost of the Work or other provision for determining the Construction Manager's Fee.)*

The Construction Manager's Fee is 2.45% of the Cost of the Work, as defined herein.

§ 5.1.2 The method of adjustment of the Construction Manager's Fee for changes in the Work:

For changes in the Work, the Construction Manager's Fee shall remain equal to 2.45% of the Cost of the Work. The total amount of the Construction Manager's Fee may increase or decrease, depending upon the nature of any change in the Work, but the basis of the Construction Manager's Fee shall remain 2.45%.

§ 5.1.3 Limitations on a Subcontractor's overhead and profit for increases in the cost of its portion of the Work:

For Subcontractors, the maximum markup allowed for overhead, profit, and fee shall be 5.0%.

§ 5.1.4 Rental rates for Construction Manager-owned equipment shall not exceed the actual cost to Construction Manager or the industry recognized rate, acceptable to Owner of the standard rate paid at the place of the Project, whichever is less.

§ 5.1.5 Unit prices, if any:

*(Identify and state the unit price; state the quantity limitations, if any, to which the unit price will be applicable.)*

Item	Units and Limitations	Price per Unit (\$0.00)
TBD in GMP Amendment		

**§ 5.2 Guaranteed Maximum Price**

§ 5.2.1 The Construction Manager guarantees that the Contract Sum shall not exceed the Guaranteed Maximum Price set forth in the Guaranteed Maximum Price Amendment, as it is amended from time to time. To the extent the Cost of the Work exceeds the Guaranteed Maximum Price, the Construction Manager shall bear such costs in excess of the Guaranteed Maximum Price without reimbursement or additional compensation from the Owner.

*(Insert specific provisions if the Construction Manager is to participate in any savings.)*

Upon final completion of the Work, the Owner and Construction Manager agree that, in the event the actual Cost of the Work and the Construction Manager's Fee, as adjusted by Change Order, is less than the Guaranteed Maximum Price, as adjusted by Change Orders, the Owner shall be entitled to one hundred percent (100%) of the savings, which

shall be deducted from the Guaranteed Maximum Price through a Change Order. Owner shall have the right to review and audit the job cost records and other documentation supporting or establishing the Cost of Work for the Project.

**§ 5.2.2** The Guaranteed Maximum Price is subject to additions and deductions by Change Order as provided in the Contract Documents and the Date of Substantial Completion shall be subject to adjustment as provided in the Contract Documents.

### **§ 5.3 Changes in the Work**

**§ 5.3.1** The Owner may, without invalidating the Contract, order changes in the Work within the general scope of the Contract consisting of additions, deletions or other revisions. The Owner shall issue such changes in writing. The Architect may make minor changes in the Work as provided in Section 7.4 of AIA Document A201–2017, General Conditions of the Contract for Construction. The Construction Manager shall be entitled to an equitable adjustment in the Contract Time as a result of changes in the Work.

**§ 5.3.2** Adjustments to the Guaranteed Maximum Price on account of changes in the Work subsequent to the execution of the Guaranteed Maximum Price Amendment may be determined by any of the methods listed in Section 7.3.3 of AIA Document A201–2017, General Conditions of the Contract for Construction.

**§ 5.3.3** In calculating adjustments to subcontracts (except those awarded with the Owner's prior consent on the basis of cost plus a fee), the terms "cost" and "fee" as used in Section 7.3.3.3 of AIA Document A201–2017 and the term "costs" as used in Section 7.3.7 of AIA Document A201–2017, as modified, shall have the meanings assigned to them in AIA Document A201–2017 and shall not be modified by Sections 5.1 and 5.2, Sections 6.1 through 6.7, and Section 6.8 of this Agreement. Adjustments to subcontracts awarded with the Owner's prior consent on the basis of cost plus a fee shall be calculated in accordance with the terms of those subcontracts.

**§ 5.3.4** In calculating adjustments to the Guaranteed Maximum Price, the terms "cost" and "costs" as used in the above-referenced provisions of AIA Document A201–2017 as modified, shall mean the Cost of the Work as defined in Sections 6.1 to 6.7 of this Agreement and the term "fee" shall mean the Construction Manager's Fee as defined in Section 5.1 of this Agreement.

*(Paragraph deleted)*

## **ARTICLE 6 COST OF THE WORK FOR CONSTRUCTION PHASE**

### **§ 6.1 Costs to Be Reimbursed**

**§ 6.1.1** The term Cost of the Work shall mean costs necessarily incurred by the Construction Manager in the proper performance of the Work. Such costs shall be at rates not higher than the standard paid at the place of the Project except with prior consent of the Owner. The Cost of the Work shall include only the items set forth in Sections 6.1 through 6.7.

**§ 6.1.2** Where any cost is subject to the Owner's prior approval, the Construction Manager shall obtain this approval prior to incurring the cost. The parties shall endeavor to identify any such costs prior to executing Guaranteed Maximum Price Amendment.

### **§ 6.2 Labor Costs**

**§ 6.2.1** Wages of construction workers directly employed by the Construction Manager to perform the construction of the Work at the site or, with the Owner's prior approval, at off-site workshops.

**§ 6.2.2** Wages or salaries of the Construction Manager's supervisory and administrative personnel when stationed at the site with the Owner's prior approval.

*(If it is intended that the wages or salaries of certain personnel stationed at the Construction Manager's principal or other offices shall be included in the Cost of the Work, identify in Section 11.5, the personnel to be included, whether for all or only part of their time, and the rates at which their time will be charged to the Work.)*

**§ 6.2.3** Wages and salaries of the Construction Manager's supervisory or administrative personnel engaged at factories, workshops or on the road, in expediting the production or transportation of materials or equipment required for the Work, but only for that portion of their time required for the Work, to the extent pre-approved by Owner.



**§ 6.2.4** Costs paid or incurred by the Construction Manager for insurance, contributions, assessments and benefits required by law or collective bargaining agreements and, for personnel not covered by such agreements, customary benefits such as sick leave, medical and health benefits, holidays, vacations and pensions, provided such costs are based on wages and salaries included in the Cost of the Work under Sections 6.2.1 through 6.2.3.

**§ 6.2.5** Bonuses, profit sharing, incentive compensation and any other discretionary payments paid to anyone hired by the Construction Manager or paid to any Subcontractor or vendor, with the Owner's prior written approval.

### **§ 6.3 Subcontract Costs**

Payments made by the Construction Manager to Subcontractors in accordance with the requirements of the subcontracts.

### **§ 6.4 Costs of Materials and Equipment Incorporated in the Completed Construction**

**§ 6.4.1** Costs, including transportation and storage, of materials and equipment incorporated or to be incorporated in the completed construction.

**§ 6.4.2** Costs of materials described in the preceding Section 6.4.1 in excess of those actually installed to allow for reasonable waste and spoilage. Unused excess materials, if any, shall become the Owner's property at the completion of the Work or, at the Owner's option, shall be sold by the Construction Manager. Any amounts realized from such sales shall be credited to the Owner as a deduction from the Cost of the Work.

### **§ 6.5 Costs of Other Materials and Equipment, Temporary Facilities and Related Items**

**§ 6.5.1** Costs of transportation, storage, installation, maintenance, dismantling and removal of materials, supplies, temporary facilities, machinery, equipment and hand tools not customarily owned by construction workers that are provided by the Construction Manager at the site and fully consumed in the performance of the Work. Costs of materials, supplies, temporary facilities, machinery, equipment and tools that are not fully consumed shall be based on the cost or value of the item at the time it is first used on the Project site less the value of the item when it is no longer used at the Project site. Costs for items not fully consumed by the Construction Manager shall mean fair market value.

**§ 6.5.2** Rental charges for temporary facilities, machinery, equipment and hand tools not customarily owned by construction workers that are provided by the Construction Manager at the site and costs of transportation, installation, minor repairs, dismantling and removal. The total rental cost of any Construction Manager-owned item may not exceed the purchase price of any comparable item. Rates of Construction Manager-owned equipment and quantities of equipment shall be subject to the Owner's prior approval.

**§ 6.5.3** Costs of removal of debris from the site of the Work and its proper and legal disposal.

**§ 6.5.4** Costs of document reproductions, facsimile transmissions and long-distance telephone calls, postage and parcel delivery charges, telephone service at the site and reasonable petty cash expenses of the site office.

**§ 6.5.5** That portion of the reasonable expenses of the Construction Manager's supervisory or administrative personnel incurred while traveling in discharge of duties connected with the Work.

**§ 6.5.6** Costs of materials and equipment suitably stored off the site at a mutually acceptable location, subject to the Owner's prior approval.

### **§ 6.6 Miscellaneous Costs**

**§ 6.6.1** Premiums for that portion of insurance and bonds required by the Contract Documents that can be directly attributed to this Contract. Self-insurance for either full or partial amounts of the coverages required by the Contract Documents, with the Owner's prior approval.

**§ 6.6.2** Construction Manager acknowledges that the Project is tax exempt and Owner shall not be responsible for any sales, use or similar taxes imposed by a governmental authority that are related to the Work. Any assessed tax because of Construction Manager oversight shall be at Construction Manager's cost.

**§ 6.6.3** Fees and assessments for the building permit and for other permits, licenses and inspections for which the Construction Manager is required by the Contract Documents to pay.

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§ 6.6.4 Fees of laboratories for tests required by the Contract Documents, except those related to defective or nonconforming Work for which reimbursement is excluded by Section 13.4.1 of AIA Document A201–2017 or by other provisions of the Contract Documents, and which do not fall within the scope of Section 6.7.3.

§ 6.6.5 Royalties and license fees paid for the use of a particular design, process or product required by the Contract Documents; the cost of defending suits or claims for infringement of patent rights arising from such requirement of the Contract Documents; and payments made in accordance with legal judgments against the Construction Manager resulting from such suits or claims and payments of settlements made with the Owner's consent. However, such costs of legal defenses, judgments and settlements shall not be included in the calculation of the Construction Manager's Fee or subject to the Guaranteed Maximum Price. If such royalties, fees and costs are excluded by the last sentence of Section 3.17 of AIA Document A201–2017 or other provisions of the Contract Documents, then they shall not be included in the Cost of the Work.

§ 6.6.6 Costs for electronic equipment and software, directly related to the Work with the Owner's prior approval.

§ 6.6.7 Deposits lost for causes other than the Construction Manager's negligence or failure to fulfill a specific responsibility in the Contract Documents.

§ 6.6.8 Legal, mediation and arbitration costs, including attorneys' fees, other than those arising from disputes between the Owner and Construction Manager, reasonably incurred by the Construction Manager after the execution of this Agreement in the performance of the Work and with the Owner's prior approval, which shall not be unreasonably withheld.

§ 6.6.9 Subject to the Owner's prior approval, expenses incurred in accordance with the Construction Manager's standard written personnel policy for relocation and temporary living allowances of the Construction Manager's personnel required for the Work.

#### § 6.7 Other Costs and Emergencies

§ 6.7.1 Other costs incurred in the performance of the Work if, and to the extent, approved in advance in writing by the Owner and to the extent not caused by the errors or omissions of the Construction Manager or its subcontractors.

§ 6.7.2 Costs incurred in taking action to prevent threatened damage, injury or loss in case of an emergency affecting the safety of persons and property, as provided in Section 10.4 of AIA Document A201–2017.

§ 6.7.3 Costs of repairing or correcting damaged or nonconforming Work executed by the Construction Manager, Subcontractors or suppliers, provided that such damaged or nonconforming Work was not caused by negligence or failure to fulfill a specific responsibility of the Construction Manager and only to the extent that the cost of repair or correction is not recovered by the Construction Manager from insurance, sureties, Subcontractors, suppliers, or others.

§ 6.7.4 The costs described in Sections 6.1 through 6.7 shall be included in the Cost of the Work, notwithstanding any provision of AIA Document A201–2017 or other Conditions of the Contract which may require the Construction Manager to pay such costs, unless such costs are excluded by the provisions of Section 6.8.

#### § 6.8 Costs Not To Be Reimbursed

§ 6.8.1 The Cost of the Work shall not include the items listed below:

- .1 Salaries and other compensation of the Construction Manager's personnel stationed at the Construction Manager's principal office or offices other than the site office, except as specifically provided in Section 6.2, or as may be provided in Article 11;
- .2 Expenses of the Construction Manager's principal office and offices other than the site office;
- .3 Overhead and general expenses, except as may be expressly included in Sections 6.1 to 6.7;
- .4 The Construction Manager's capital expenses, including interest on the Construction Manager's capital employed for the Work;
- .5 Except as provided in Section 6.7.3 of this Agreement, costs due to the negligence or failure of the Construction Manager, Subcontractors and suppliers or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable to fulfill a specific responsibility of the Contract;
- .6 Any cost not specifically and expressly described in Sections 6.1 to 6.7;

- .7 Costs, other than costs included in Change Orders approved by the Owner, that would cause the Guaranteed Maximum Price to be exceeded;
- .8 Costs for services incurred during the Preconstruction Phase; and
- .9 Taxes assessed against Construction Manager for materials purchased for Project.

### **§ 6.9 Discounts, Rebates and Refunds**

**§ 6.9.1** Cash discounts obtained on payments made by the Construction Manager shall accrue to the Owner if (1) before making the payment, the Construction Manager included them in an Application for Payment and received payment from the Owner, or (2) the Owner has deposited funds with the Construction Manager with which to make payments; otherwise, cash discounts shall accrue to the Construction Manager. Trade discounts, rebates, refunds and amounts received from sales of surplus materials and equipment shall accrue to the Owner, and the Construction Manager shall make provisions so that they can be obtained.

**§ 6.9.2** Amounts that accrue to the Owner in accordance with the provisions of Section 6.9.1 shall be credited to the Owner as a deduction from the Cost of the Work.

### **§ 6.10 Related Party Transactions**

**§ 6.10.1** For purposes of Section 6.10, the term "related party" shall mean a parent, subsidiary, affiliate or other entity having common ownership or management with the Construction Manager; any entity in which any stockholder in, or management employee of, the Construction Manager owns any interest in excess of ten percent in the aggregate; or any person or entity which has the right to control the business or affairs of the Construction Manager. The term "related party" includes any member of the immediate family of any person identified above.

**§ 6.10.2** If any of the costs to be reimbursed arise from a transaction between the Construction Manager and a related party, the Construction Manager shall notify the Owner of the specific nature of the contemplated transaction, including the identity of the related party and the anticipated cost to be incurred, before any such transaction is consummated or cost incurred. If the Owner, after such notification, authorizes the proposed transaction, then the cost incurred shall be included as a cost to be reimbursed, and the Construction Manager shall procure the Work, equipment, goods or service from the related party, as a Subcontractor, according to the terms of Sections 2.3.2.1, 2.3.2.2 and 2.3.2.3. If the Owner fails to authorize the transaction, the Construction Manager shall procure the Work, equipment, goods or service from some person or entity other than a related party according to the terms of Sections 2.3.2.1, 2.3.2.2 and 2.3.2.3.

### **§ 6.11 Accounting Records**

The Construction Manager shall keep full and detailed records and accounts related to the cost of the Work and exercise such controls as may be necessary for proper financial management under this Contract and to substantiate all costs incurred. The accounting and control systems shall be satisfactory to the Owner. The Owner and the Owner's auditors shall, during regular business hours and upon reasonable notice, be afforded access to, and shall be permitted to audit and copy, the Construction Manager's records and accounts, including complete documentation supporting accounting entries, books, correspondence, instructions, drawings, receipts, subcontracts, Subcontractor's proposals, purchase orders, vouchers, memoranda and other data relating to this Contract. The Construction Manager shall preserve these records for a period of three years after final payment, or for such longer period as may be required by law.

## **ARTICLE 7 PAYMENTS FOR CONSTRUCTION PHASE SERVICES**

### **§ 7.1 Progress Payments**

**§ 7.1.1** Based upon Applications for Payment submitted to the Architect and Owner by the Construction Manager and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Construction Manager as provided below and elsewhere in the Contract Documents.

**§ 7.1.2** The period covered by each Application for Payment shall be one calendar month ending on the last day of the month.

**§ 7.1.3** Provided that an Application for Payment is received by the Architect not later than the first day of a month, the Owner shall make payment of the certified amount to the Construction Manager not later than the 25th day of the same month. If an Application for Payment is received by the Architect and Owner after the application date fixed

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above, payment shall be made by the Owner not later than forty-five ( 45 ) days after the Architect and Owner receive the Application for Payment.

*(Federal, state or local laws may require payment within a certain period of time.)*

**§ 7.1.4** With each Application for Payment, the Construction Manager shall submit supporting documentation as to costs as may be reasonably required by Owner and such information may include: payrolls, petty cash accounts, receipted invoices or invoices with check vouchers attached, and any other evidence required by the Owner or Architect to demonstrate that cash disbursements already made by the Construction Manager on account of the Cost of the Work equal or exceed progress payments already received by the Construction Manager, less that portion of those payments attributable to the Construction Manager's Fee, plus payrolls for the period covered by the present Application for Payment. In addition, with each Application for Payment, the Construction Manager must submit partial lien waivers (conditional upon Construction Manager having been paid for the Work), executed by Construction Manager and its subcontractors and major suppliers (those suppliers providing more than \$10,000 in supplies). Such partial lien waivers shall reflect that each subcontractor/major supplier has received full payment for all prior work/materials that have been the subject of prior Applications for Payment, less retainage.

**§ 7.1.5** Each Application for Payment shall be based on the most recent schedule of values submitted by the Construction Manager in accordance with the Contract Documents. The schedule of values shall allocate the entire Guaranteed Maximum Price among the various portions of the Work, except that the Construction Manager's Fee shall be shown as a single separate item. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Architect may require. This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Construction Manager's Applications for Payment.

**§ 7.1.6** Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment. The percentage of completion shall be the lesser of (1) the percentage of that portion of the Work which has actually been completed, or (2) the percentage obtained by dividing (a) the expense that has actually been incurred by the Construction Manager on account of that portion of the Work for which the Construction Manager has made or intends to make actual payment prior to the next Application for Payment by (b) the share of the Guaranteed Maximum Price allocated to that portion of the Work in the schedule of values.

**§ 7.1.7** Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

- .1 Take that portion of the Guaranteed Maximum Price properly allocable to completed Work as determined by multiplying the percentage of completion of each portion of the Work by the share of the Guaranteed Maximum Price allocated to that portion of the Work in the schedule of values. Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute shall be included as provided in Section 7.3.9 of AIA Document A201-2017;
- .2 Add that portion of the Guaranteed Maximum Price properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the Work, or if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing, less retainage of ten percent (10%);
- .3 Add the Construction Manager's Fee, less retainage of ten percent ( 10 %). The Construction Manager's Fee shall be computed upon the Cost of the Work at the rate stated in Section 5.1 or, if the Construction Manager's Fee is stated as a fixed sum in that Section, shall be an amount that bears the same ratio to that fixed-sum fee as the Cost of the Work bears to a reasonable estimate of the probable Cost of the Work upon its completion;
- .4 Subtract retainage of ten percent ( 10 %) from that portion of the Work that the Construction Manager self-performs;
- .5 Subtract the aggregate of previous payments made by the Owner;
- .6 Subtract the shortfall, if any, indicated by the Construction Manager in the documentation required by Section 7.1.4 to substantiate prior Applications for Payment, or resulting from errors subsequently discovered by the Owner's auditors in such documentation; and
- .7 Subtract amounts, if any, for which the Architect has withheld or nullified a Certificate for Payment as provided in Section 9.5 of AIA Document A201-2017.

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**§ 7.1.7.A Retainage** In connection with Paragraph 7.1.7, the Owner may withhold in accordance with Paragraph 9.3.1 of the General Conditions, an amount of retainage equal to the following percentages:

- .1 Until the Work is fifty percent (50%) completed, retainage will be ten percent (10%) percent of Work completed.
- .2 If the Work is fifty percent (50%) completed as determined by the Architect, and if the character and progress of the Work are satisfactory to Owner and Architect, Owner, on recommendation of Architect, may determine that as long as the character and progress of the Work remain satisfactory to them, there will be no additional retainage on account of Work subsequently completed.
- .3 Retainage will be ten percent (10%) of the value of materials and equipment that are not incorporated in the Work but are delivered, suitably stored, and accompanied by documentation satisfactory to Owner as provided in Paragraph 9.3.2 of the General Conditions. Stored materials and equipment retainage will be released when the materials and equipment are incorporated in the Work.

**§ 7.1.7.B** Owner shall release retainage, if any, on any undisputed payment due within thirty (30) days after Substantial Completion, provided, however, if any subcontractor is still performing work on the Project under its subcontract, Owner may withhold that portion of the retainage attributable to such subcontract until thirty (30) days after such work is completed.

**§ 7.1.7.C** The reduction or termination of additional retainage will not be initiated at any time if the Work is behind schedule; and, subsequent to reducing retainage, the full retainage of payments authorized may be reinstated any time the Work falls behind schedule.

**§ 7.1.7.D.** Consent of the Surety shall be obtained before any retainage is paid by Owner. Consent of the Surety, signed by an agent, must be accompanied by a certified copy of such agent's authority to act for the Surety.

**§ 7.1.8** The Owner and Construction Manager shall agree upon (1) a mutually acceptable procedure for review and approval of payments to Subcontractors and (2) the percentage of retainage held on Subcontracts, and the Construction Manager shall execute subcontracts in accordance with those agreements.

**§ 7.1.9** Except with the Owner's prior approval, the Construction Manager shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

**§ 7.1.10** In taking action on the Construction Manager's Applications for Payment, the Architect shall be entitled to rely on the accuracy and completeness of the information furnished by the Construction Manager and shall not be deemed to represent that the Architect has made a detailed examination, audit or arithmetic verification of the documentation submitted in accordance with Section 7.1.4 or other supporting data; that the Architect has made exhaustive or continuous on-site inspections; or that the Architect has made examinations to ascertain how or for what purposes the Construction Manager has used amounts previously paid on account of the Contract. Such examinations, audits and verifications, if required by the Owner, will be performed by the Owner's auditors acting in the sole interest of the Owner.

## **§ 7.2 Final Payment**

**§ 7.2.1** Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Construction Manager when, as a condition precedent,

- .1 The Construction Manager has fully performed the Contract except for the Construction Manager's responsibility to correct Work as provided in Section 12.2.2 of AIA Document A201-2017, and to satisfy other requirements, if any, which extend beyond final payment;
- .2 The Construction Manager has submitted a final accounting for the Cost of the Work and a final Application for Payment;
- .3 A final Certificate for Payment has been issued by the Architect.
- .4 Construction Manager has provided Final Lien Releases executed by Contractor, subcontractors, and major suppliers (condition);
- .5 Provided all spare parts, spare keys, copies of operations and maintenance manuals;
- .6 Provided As-Built drawings;
- .7 Executed Consent of Surety for final payment;

- .8 All Certificates of Occupancy have been obtained and provided to Owner unless they are not available due to no act or fault of the Contractor;
- .9 All corrective, defective, or "punch-list" Work has been satisfactorily corrected and completed; and
- .10 All guarantees and warranties have been received by the Owner.

The Owner's final payment to the Construction Manager shall be made no later than 30 days after the issuance of the Architect's final Certificate for Payment, and the satisfaction of the conditions precedent set forth in Section 7.2.1.

§ 7.2.2 The Owner's auditors will review and report in writing on the Construction Manager's final accounting within 30 days after delivery of the final accounting to the Architect by the Construction Manager. Based upon such Cost of the Work as the Owner's auditor's report to be substantiated by the Construction Manager's final accounting, and provided the other conditions of Section 7.2.1 have been met, the Architect will, within seven days after receipt of the written report of the Owner's auditors, either issue to the Owner a final Certificate for Payment with a copy to the Construction Manager, or notify the Construction Manager and Owner in writing of the Architect's reasons for withholding a certificate as provided in Section 9.5.1 of the AIA Document A201-2017. The time periods stated in this Section supersede those stated in Section 9.4.1 of the AIA Document A201-2017. The Architect is not responsible for verifying the accuracy of the Construction Manager's final accounting.

§ 7.2.3 If the Owner's auditor's report the Cost of the Work as substantiated by the Construction Manager's final accounting to be less than claimed by the Construction Manager, the Construction Manager shall be entitled to request mediation of the disputed amount without seeking an initial decision. A request for mediation shall be made by the Construction Manager within 30 days after the Construction Manager's receipt of a copy of the Architect's final Certificate for Payment. Failure to request mediation within this 30-day period shall result in the substantiated amount reported by the Owner's auditors becoming binding on the Construction Manager. Pending a final resolution of the disputed amount, the Owner shall pay the Construction Manager the amount certified in the Architect's final Certificate for Payment.

§ 7.2.4 If, subsequent to final payment and at the Owner's request, the Construction Manager incurs costs described in Section 6.1.1 and not excluded by Section 6.8 to correct defective or nonconforming Work, the Owner shall reimburse the Construction Manager such costs and the Construction Manager's Fee applicable thereto on the same basis as if such costs had been incurred prior to final payment, but not in excess of the Guaranteed Maximum Price. If the Construction Manager has participated in savings as provided in Section 5.2.1, the amount of such savings shall be recalculated and appropriate credit given to the Owner in determining the net amount to be paid by the Owner to the Construction Manager.

## ARTICLE 8 INSURANCE AND BONDS

For all phases of the Project, the Construction Manager and the Owner shall purchase and maintain insurance, and the Construction Manager shall provide bonds as set forth in Article 11 of AIA Document A201-2017.

*(State bonding requirements, if any, and limits of liability for insurance required in Article 11 of AIA Document A201-2017.)*

§ 8.1 The Construction Manager shall purchase and maintain such insurance acceptable to Owner as will protect the Construction Manager from claims which may arise out of or result from the Construction Manager's operations under this Agreement at all times during the period in which this Agreement is in force and effect. The Construction Manager shall provide and maintain insurance of the type and limits set forth below. Such insurance shall be in a form and issuing companies acceptable to Owner. The Construction Manager shall purchase and maintain the following insurance coverage and provide to Owner Certificates of Insurance reflecting the following insurance coverage, together with copies of such policies.

(a) **Worker's Compensation:** Insurance sufficient to discharge its obligations under all applicable worker's compensation laws in the state where the Project is located:

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(b) **Employer's Liability:** Policy endorsed to include the following endorsements: Voluntary Compensation, Borrowed Servant. Insurance to be provided with the minimum limits of:

Bodily Injury by Accident	\$1,000,000 Each Accident
Bodily Injury by Disease	\$1,000,000 Policy Limit



Bodily Injury by Disease \$1,000,000 Each Employee

**(c) Comprehensive Automobile Liability Insurance:** Coverage to include contractual liability insurance for the indemnities set forth in this Agreement covering all owned, non-owned and hired automobiles used in connection with the services or other work hereunder:

Liability	\$1,000,000 Combined Single Limit
Hired and Non-Hired Auto	\$1,000,000 Combined Single Limit

**(d) General Liability:** Insurance is to be on an occurrence from insuring personal injury, bodily injury, mental anguish and property damage against the hazards of (1) construction operation; (2) Subcontractors and independent Subcontractors; (3) products and completed operations (with completed operations to remain in force for two (2) years following Project completion; (4) underground explosion and collapse; and (5) contractual liability insuring the indemnities set forth in the Agreement. General Aggregate limits to apply on a per project/per location basis.

General Aggregate	\$2,000,000
Products/Completed Ops Aggregate	\$2,000,000
Personal & Advertising Injury	\$1,000,000
Each Occurrence	\$1,000,000
Fire Damage	\$ 100,000
Medical Expense	\$ 5,000
Employer's Liability	\$1,000,000

**(e) Excess Liability:** Coverage to be provided on an Umbrella form. Minimum limits of liability.

Each Occurrence	\$10,000,000
Aggregate	\$10,000,000

With respect to the above coverages, the Owner, its assigns, subsidiaries and affiliates shall be listed as Additional Insureds. To the extent allowed by law, such policies must contain a waiver of any right of subrogation of the insureds thereunder against Owner and all its assigns, affiliates, employers, employees, insurers and underwriters. With respect to the above coverage, the coverages shall be provided on an occurrence basis.

All policies of insurance provided pursuant to this Agreement shall be written as primary policies, and any insurance maintained by Owner or Owner's Agent is non-contributing and not in excess of the primary coverage

The required coverages referred to and set forth shall in no way affect, nor are they intended as a limitation of Construction Manager's liability with respect to its performance of the Work.

**§ 8.2 Subcontractor Insurance:** Construction Manager shall cause all Subcontractors to provide identical types of coverage as required herein, unless a deviation from the following is approved by Owner. The limits for Excess Liability coverage for the Subcontractors shall be a minimum of:

Each Occurrence	\$1,000,000
Aggregate	\$1,000,000

The Subcontractors shall purchase, maintain and provide to Construction Manager and Owner Certificates of Insurance reflecting that such insurance is in effect and will not be canceled, fail to be renewed, reduced or changed without thirty (30) days' written notice to Construction Manager and Owner.

*(Table deleted)*

**8.3 Bonds** The Construction Manager shall provide Performance and Payment Bonds in the full penal amount of the Contract Sum.

## ARTICLE 9 DISPUTE RESOLUTION

**§ 9.1** Any Claim between the Owner and Construction Manager shall be resolved in accordance with the provisions set forth in this Article 9 and Article 15 of A201-2017. However, for Claims arising from or relating to the Construction Manager's Preconstruction Phase services, no decision by the Initial Decision Maker shall be required as a condition precedent to mediation or binding dispute resolution, and Section 9.3 of this Agreement shall not apply.

§ 9.2 For any Claim subject to, but not resolved by mediation pursuant to Section 15.3 of AIA Document A201–2017, the method of binding dispute resolution shall be as follows:

*(Check the appropriate box. If the Owner and Construction Manager do not select a method of binding dispute resolution below, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.)*

Arbitration pursuant to Section 15.4 of AIA Document A201–2017

Litigation in a court of competent jurisdiction

Other: *(Specify)*

### § 9.3 Initial Decision Maker

The Architect will serve as the Initial Decision Maker for Claims arising from or relating to the Construction Manager's Construction Phase services, unless the parties appoint below another individual, not a party to the Agreement, to serve as the Initial Decision Maker.

*(If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, if other than the Architect.)*

§ 9.4 In the event a lawsuit shall be brought because of the breach of any covenant herein contained on the part of Owner or Construction Manager, and the breach is subsequently established, the prevailing party, as determined by the judge, shall be entitled to recover all expenses incurred therefor, including reasonable attorneys' fees.

## ARTICLE 10 TERMINATION OR SUSPENSION

### § 10.1 Termination Prior to Establishment of the Guaranteed Maximum Price

§ 10.1.1 Prior to the execution of the Guaranteed Maximum Price Amendment, the Owner may terminate this Agreement upon not less than seven days' written notice to the Construction Manager for the Owner's convenience and without cause, and the Construction Manager may terminate this Agreement, upon not less than seven days' written notice to the Owner, for the reasons set forth in Section 14.1.1, 14.1.2, and 14.1.4 of A201–2017.

§ 10.1.2 In the event of termination of this Agreement pursuant to Section 10.1.1, the Construction Manager shall be equitably compensated for Preconstruction Phase services performed prior to receipt of a notice of termination. In no event shall the Construction Manager's compensation under this Section exceed the compensation set forth in Section 4.1.

§ 10.1.3 If the Owner terminates the Contract pursuant to Section 10.1.1 after the commencement of the Construction Phase but prior to the execution of the Guaranteed Maximum Price Amendment, the Owner shall pay to the Construction Manager an amount calculated as follows, which amount shall be in addition to any compensation paid to the Construction Manager under Section 10.1.2:

- .1 Take the Cost of the Work incurred by the Construction Manager to the date of termination;
- .2 Add the Construction Manager's Fee computed upon the Cost of the Work to the date of termination at the rate stated in Section 5.1 or, if the Construction Manager's Fee is stated as a fixed sum in that Section, an amount that bears the same ratio to that fixed-sum Fee as the Cost of the Work at the time of termination bears to a reasonable estimate of the probable Cost of the Work upon its completion; and
- .3 Subtract the aggregate of previous payments made by the Owner for Construction Phase services.

The Owner shall also pay the Construction Manager fair compensation, either by purchase or rental at the election of the Owner, for any equipment owned by the Construction Manager which the Owner elects to retain and which is not otherwise included in the Cost of the Work under Section 10.1.3.1. To the extent that the Owner elects to take legal assignment of subcontracts and purchase orders (including rental agreements), the Construction Manager shall, as a condition of receiving the payments referred to in this Article 10, execute and deliver all such papers and take all such steps, including the legal assignment of such subcontracts and other contractual rights of the Construction Manager, as the Owner may require for the purpose of fully vesting in the Owner the rights and benefits of the Construction Manager under such subcontracts or purchase orders. All Subcontracts, purchase orders and rental agreements entered into by the Construction Manager will contain provisions allowing for assignment to the Owner as described above.

If the Owner accepts assignment of subcontracts, purchase orders or rental agreements as described above, the Owner will reimburse or indemnify the Construction Manager for all costs arising under the subcontract, purchase order or rental agreement, if those costs would have been reimbursable as Cost of the Work if the contract had not been terminated. If the Owner chooses not to accept assignment of any subcontract, purchase order or rental agreement that would have constituted a Cost of the Work had this agreement not been terminated, the Construction Manager will terminate the subcontract, purchase order or rental agreement and the Owner will pay the Construction Manager the costs necessarily incurred by the Construction Manager because of such termination.

#### **§ 10.2 Termination Subsequent to Establishing Guaranteed Maximum Price**

Following execution of the Guaranteed Maximum Price Amendment and subject to the provisions of Section 10.2.1 and 10.2.2 below, the Contract may be terminated as provided in Article 14 of AIA Document A201–2017.

**§ 10.2.1** If the Owner terminates the Contract after execution of the Guaranteed Maximum Price Amendment, the amount payable to the Construction Manager pursuant to Sections 14.2 and 14.4 of A201–2017 shall not exceed the amount the Construction Manager would otherwise have received pursuant to Sections 10.1.2 and 10.1.3 of this Agreement.

**§ 10.2.2** If the Construction Manager terminates the Contract after execution of the Guaranteed Maximum Price Amendment, the amount payable to the Construction Manager under Section 14.1.3 of A201–2017 shall not exceed the amount the Construction Manager would otherwise have received under Sections 10.1.2 and 10.1.3 above, except that the Construction Manager's Fee shall be calculated as if the Work had been fully completed by the Construction Manager, utilizing as necessary a reasonable estimate of the Cost of the Work for Work not actually completed.

#### **§ 10.3 Suspension**

The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2017. In such case, the Guaranteed Maximum Price and Contract Time shall be increased as provided in Section 14.3.2 of AIA Document A201–2017, except that the term "profit" shall be understood to mean the Construction Manager's Fee as described in Sections 5.1 and 5.3.5 of this Agreement.

### **ARTICLE 11 MISCELLANEOUS PROVISIONS**

**§ 11.1** Terms in this Agreement shall have the same meaning as those in A201–2017.

#### **§ 11.2 Ownership and Use of Documents**

Section 1.5 of A201–2017 shall apply to both the Preconstruction and Construction Phases.

#### **§ 11.3 Governing Law**

Section 13.1 of A201–2017 shall apply to both the Preconstruction and Construction Phases.

#### **§ 11.4 Assignment**

Owner has entered into this Agreement in reliance upon the Construction Manager's representation as to its expertise in providing Preconstruction and Construction services required hereunder, and, as a result, the Construction Manager may not assign this Contract or its rights, delegate its duties, or assign any amounts due or to become due hereunder without the prior written consent of the Owner. Such consent shall be at the sole discretion of Owner.

#### **§ 11.5 Other provisions:**

##### **§ 11.5.1 Relationship of the Parties**

The Contractor accepts the relationship of trust and confidence established by this Agreement and covenants with the Owner to cooperate with the Architect and exercise the Contractor's skill and judgment in furthering the interests of the Owner; to furnish efficient business administration and supervision; and to furnish at all times an adequate supply of workers and materials.

**§ 11.5.2** The Contractor represents that it is authorized to do business in the state of the location of the Project and is licensed by all governmental and public agencies having jurisdiction over the Work or the Project.

**§ 11.5.3 Kansas Act Against Discrimination:** The Contractor agrees to comply with and require its subcontractors to comply with the Kansas Act Against Discrimination. See K.S.A. 44-1030. The Contractor agrees that:

(1) The Contractor shall observe the provisions of the Kansas act against discrimination and shall not discriminate against any person in the performance of work under the present contract because of race, religion, color, sex, disability, national origin or ancestry;

(2) in all solicitations or advertisements for employees, the Contractor shall include the phrase, "equal opportunity employer," or a similar phrase to be approved by the commission;

(3) if the Contractor fails to comply with the manner in which the Contractor reports to the commission in accordance with the provisions of K.S.A. 44-1031 and amendments thereto, the Contractor shall be deemed to have breached the present contract and it may be canceled, terminated or suspended, in whole or in part, by the contracting agency;

(4) if the Contractor is found guilty of a violation of the Kansas act against discrimination under a decision or order of the commission which has become final, the Contractor shall be deemed to have breached the present contract and it may be canceled, terminated or suspended, in whole or in part, by the contracting agency; and

(5) the Contractor shall include the provisions of subsections (a)(1) through (4) in every subcontract or purchase order so that such provisions will be binding upon such subcontractor or vendor.

(b) The Kansas human rights commission shall not be prevented hereby from requiring reports of contractors found to be not in compliance with the Kansas act against discrimination.

(c) The provisions of this section shall not apply to a contract entered into by a contractor:

(1) Who employs fewer than four employees during the term of such contract; or

(2) whose contracts with the governmental entity letting such contract cumulatively total \$5,000 or less during the fiscal year of such governmental entity.

**§ 11.5.4 Compliance with Laws:** In addition to the Kansas Act Against Discrimination set forth above, Contractor agrees to: (a) comply with Kansas Age Discrimination in Employment Act (K.S.A. 44-1111 et seq.) and the applicable provisions of the Americans With Disabilities Act (42 U.S.C. 12101 et seq.)(ADA) and to not discriminate against any person because of race, religion, color, sex, disability, national origin or ancestry, or age in the admission or access to, or treatment or employment in, its programs or activities; (b) to include in all solicitations or advertisements for employees, the phrase "equal opportunity employer"; (c) to comply with the reporting requirements set out at K.S.A. 44-1031 and K.S.A. 44-1116; (d) to include those provisions in every subcontract or purchase order so that they are binding upon such subcontractor or vendor; (e) that a failure to comply with the reporting requirements of (c) above or if the Contractor is found guilty of any violation of such acts by the Kansas Human Rights Commission, such violation shall constitute a breach of contract and the contract may be cancelled, terminated or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration; (f) if it is determined that the Contractor has violated applicable provisions of ADA, such violation shall constitute a breach of contract and the contract may be cancelled, terminated or suspended, in whole or in part, by the contracting state agency or the Kansas Department of Administration. Parties to this contract understand that the provisions of this section (with the exception of those provisions relating to the ADA) are not applicable to a contractor who employs fewer than four employees during the term of such contract or whose contracts with the contracting state agency cumulatively total \$5,000 or less during the fiscal year of such agency.

## ARTICLE 12 SCOPE OF THE AGREEMENT

**§ 12.1** This Agreement represents the entire and integrated agreement between the Owner and the Construction Manager and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both Owner and Construction Manager.

**§ 12.2** The following documents comprise the Agreement:

- .1 AIA Document A133-2009, Standard Form of Agreement Between Owner and Construction Manager as Constructor where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price, as modified
- .2 AIA Document A201-2017, General Conditions of the Contract for Construction, as modified
- .3



*(Paragraphs deleted)*

Other documents:

*(List other documents, if any, forming part of the Agreement.)*

- The GMP Amendment (Exhibit A);
- The Pre Award Clarification Document (Exhibit B)

This Agreement is entered into as of the day and year first written above.

**CITY OF LAWRENCE, KANSAS**

**TURNER CONSTRUCTION COMPANY**

\_\_\_\_\_  
**OWNER** *(Signature)*

Thomas M. Markus, City Manager

*(Printed name and title)*

  
**CONSTRUCTION MANAGER** *(Signature)*

Mark Iammarino, Vice President, General Manager

*(Printed name and title)*

*2.7.*

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# AIA® Document A201™ – 2017

## General Conditions of the Contract for Construction

for the following PROJECT:  
(Name and location or address)

Construction Management Services for the Construction of a New Police Headquarters facility

**THE OWNER:**  
(Name, legal status and address)

The City of Lawrence, Kansas  
P.O. Box 708  
6 East 6th Street  
Lawrence, KS 66044-0708

**THE CONTRACTOR\***  
(Name, legal status and address)

Turner Construction Company  
1220 Washington St., Suite 100  
Kansas City, MO 64105

\*All references to "Contractor" herein shall mean "Construction Manager" in conjunction with the AIA A133-2009 Ed. by and between Owner and Construction Manager.

**THE ARCHITECT:**  
(Name, legal status and address)

Hoefler Wysocki Architects  
11460 Tomahawk Creek Parkway, Suite 400  
Leawood, KS 66211

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- 5 SUBCONTRACTORS
- 6 CONSTRUCTION BY OWNER OR BY SEPARATE CONTRACTORS
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- 8 TIME
- 9 PAYMENTS AND COMPLETION

**ADDITIONS AND DELETIONS:**  
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

For guidance in modifying this document to include supplementary conditions, see AIA Document A503™, Guide for Supplementary Conditions.

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## **ARTICLE 1 GENERAL PROVISIONS**

### **§ 1.1 Basic Definitions**

#### **§ 1.1.1 The Contract Documents**

The Contract Documents are enumerated in the Agreement between the Owner and Contractor (hereinafter the Agreement) as modified, and consist of the Agreement, as modified, Conditions of the Contract (General, Supplementary and other Conditions), as modified, Drawings, Specifications, Addenda issued prior to execution of the Contract, other documents listed in the Agreement, and Modifications issued after execution of the Contract. A Modification is (1) a written amendment to the Contract signed by both parties, (2) a Change Order, (3) a Construction Change Directive, or (4) a written order for a minor change in the Work issued by the Architect. Unless specifically enumerated in the Agreement, the Contract Documents do not include the advertisement or invitation to bid, Instructions to Bidders, sample forms, other information furnished by the Owner in anticipation of receiving bids or proposals, the Contractor's bid or proposal, or portions of Addenda relating to bidding or proposal requirements.

#### **§ 1.1.2 The Contract**

The Contract Documents form the Contract for Construction. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations, or agreements, either written or oral. The Contract may be amended or modified only by a Modification. The Contract Documents shall not be construed to create a contractual relationship of any kind (1) between the Contractor and the Architect or the Architect's consultants, (2) between the Owner and a Subcontractor or a Sub-subcontractor, (3) between the Owner and the Architect or the Architect's consultants, or (4) between any persons or entities other than the Owner and the Contractor.

#### **§ 1.1.3 The Work**

The term "Work" means the construction and services required by the Contract Documents, whether completed or partially completed, and includes all other labor, materials, equipment, and services provided or to be provided by the Contractor to fulfill the Contractor's obligations. The Work may constitute the whole or a part of the Project.

#### **§ 1.1.4 The Project**

The Project is the total construction of which the Work performed under the Contract Documents may be the whole or a part and which may include construction by the Owner and by Separate Contractors.

#### **§ 1.1.5 The Drawings**

The Drawings are the graphic and pictorial portions of the Contract Documents showing the design, location and dimensions of the Work, generally including plans, elevations, sections, details, schedules, and diagrams.

#### **§ 1.1.6 The Specifications**

The Specifications are that portion of the Contract Documents consisting of the written requirements for materials, equipment, systems, standards and workmanship for the Work, and performance of related services.

*(Paragraphs deleted)*

### **§ 1.2 Correlation and Intent of the Contract Documents**

**§ 1.2.1** The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by the Contractor. The Contract Documents are complementary, and what is required by one shall be as binding as if required by all; performance by the Contractor shall be required only to the extent consistent with the Contract Documents and reasonably inferable from them as being necessary to produce the indicated results.

**§ 1.2.1.1** The invalidity of any provision of the Contract Documents shall not invalidate the Contract or its remaining provisions. If it is determined that any provision of the Contract Documents violates any law, or is otherwise invalid or unenforceable, then that provision shall be revised to the extent necessary to make that provision legal and enforceable. In such case the Contract Documents shall be construed, to the fullest extent permitted by law, to give effect to the parties' intentions and purposes in executing the Contract.

**§ 1.2.2** Organization of the Specifications into divisions, sections and articles, and arrangement of Drawings shall not control the Contractor in dividing the Work among Subcontractors or in establishing the extent of Work to be performed by any trade.

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§ 1.2.3 Unless otherwise stated in the Contract Documents, words that have well-known technical or construction industry meanings are used in the Contract Documents in accordance with such recognized meanings.

### § 1.3 Capitalization

Terms capitalized in these General Conditions include those that are (1) specifically defined, (2) the titles of numbered articles, or (3) the titles of other documents published by the American Institute of Architects.

### § 1.4 Interpretation

In the interest of brevity the Contract Documents frequently omit modifying words such as "all" and "any" and articles such as "the" and "an," but the fact that a modifier or an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement.

### § 1.5 Ownership and Use of Drawings, Specifications, and Other Instruments of Service

§ 1.5.1 The Drawings, Specifications and other documents, including those in electronic form, prepared by the Architect and the Architect's consultants are Instruments of Service through which the Work to be executed by the Contractor is described. The Contractor may retain one record set. Neither the Contractor nor any Subcontractor, Sub-subcontractor or material or equipment supplier shall own or claim a copyright in the Drawings, Specifications and other documents prepared by the Architect or the Architect's consultants. They are not to be used by the Contractor or any Subcontractor, Sub-subcontractor or material or equipment supplier on other projects or for additions to this Project outside the scope of the Work without the specific written consent of the Owner, Architect and the Architect's consultants. The Contractor, Subcontractors, Sub-subcontractors and material or equipment suppliers are authorized to use and reproduce applicable portions of the Drawings, Specifications and other documents prepared by the Architect and the Architect's consultants appropriate to and for use in the execution of their Work under the Contract Documents. All copies made under this authorization shall bear the statutory copyright notice, if any, shown on the Drawings, Specifications and other documents prepared by the Architect and the Architect's consultants. Submittal or distribution to meet official regulatory requirements or for other purposes in connection with this Project is not to be construed as publication in derogation of the Architect's or Architect's consultants' copyrights or other reserved rights.

*(Paragraph deleted)*

### § 1.6 Notice

§ 1.6.1 Except as otherwise provided in Section 1.6.2, where the Contract Documents require one party to notify or give notice to the other party, such notice shall be provided in writing to the designated representative of the party to whom the notice is addressed and shall be deemed to have been duly served if delivered in person, by mail, by courier, or by electronic transmission if a method for electronic transmission is set forth in the Agreement.

§ 1.6.2 Notice of Claims as provided in Section 15.1.3 shall be provided in writing and shall be deemed to have been duly served only if delivered to the designated representative of the party to whom the notice is addressed by certified or registered mail, or by courier providing proof of delivery.

### § 1.7 Digital Data Use and Transmission

The parties shall agree upon protocols governing the transmission and use of Instruments of Service or any other information or documentation in digital form. The parties may use AIA Document E203™-2013, Building Information Modeling and Digital Data Exhibit, to establish the protocols for the development, use, transmission, and exchange of digital data.

### § 1.8 Building Information Models Use and Reliance

Any use of, or reliance on, all or a portion of a building information model without agreement to protocols governing the use of, and reliance on, the information contained in the model and without having those protocols set forth in AIA Document E203™-2013, Building Information Modeling and Digital Data Exhibit, and the requisite AIA Document G202™-2013, Project Building Information Modeling Protocol Form, may be at the using or relying party's sole risk and without liability to the other party and its contractors or consultants, the authors of, or contributors to, the building information model, and each of their agents and employees. Owner and Contractor are not required to use AIA E203 or G202.

## ARTICLE 2 OWNER

### § 2.1 General

§ 2.1.1 The Owner is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Owner shall designate in writing a representative who shall have express authority to bind the Owner with respect to all matters requiring the Owner's approval or authorization. Except as otherwise provided in Section 4.2.1, the Architect does not have such authority. The term "Owner" means the Owner or the Owner's authorized representative.

§ 2.1.2 The Owner shall furnish to the Contractor, within fifteen days after receipt of a written request, information necessary and relevant for the Contractor to evaluate, give notice of, or enforce mechanic's lien rights. Such information shall include a correct statement of the record legal title to the property on which the Project is located, usually referred to as the site, and the Owner's interest therein.

### § 2.2 Evidence of the Owner's Financial Arrangements

§ 2.2.1 Prior to commencement of the Work and upon written request by the Contractor, the Owner shall furnish to the Contractor reasonable evidence that the Owner has made financial arrangements to fulfill the Owner's obligations under the Contract. The Contractor shall have no obligation to commence the Work until the Owner provides such evidence. If commencement of the Work is delayed under this Section 2.2.1, the Contract Time shall be extended appropriately, and an adjustment of the Contract Sum, if appropriate.

§ 2.2.2 Following commencement of the Work and upon written request by the Contractor, the Owner shall furnish to the Contractor reasonable evidence that the Owner has made financial arrangements to fulfill the Owner's obligations under the Contract only if (1) the Owner fails to make payments to the Contractor as the Contract Documents require; (2) the Contractor identifies in writing a reasonable concern regarding the Owner's ability to make payment when due; or (3) a change in the Work materially changes the Contract Sum. If the Owner fails to provide such evidence, as required, within fourteen days of the Contractor's request, the Contractor may immediately stop the Work and, in that event, shall notify the Owner that the Work has stopped. However, if the request is made because a change in the Work materially changes the Contract Sum under (3) above, the Contractor may immediately stop only that portion of the Work affected by the change until reasonable evidence is provided. If the Work is stopped under this Section 2.2.2, the Contract Time shall be extended appropriately and the Contract Sum shall be increased by the amount of the Contractor's reasonable costs of shutdown, delay and start-up, plus interest as provided in the Contract Documents.

§ 2.2.3 After the Owner furnishes evidence of financial arrangements under this Section 2.2, the Owner shall not materially vary such financial arrangements without prior notice to the Contractor.

§ 2.2.4 Where the Owner has designated information furnished under this Section 2.2 as "confidential," the Contractor shall keep the information confidential and shall not disclose it to any other person. However, the Contractor may disclose "confidential" information, after seven (7) days' notice to the Owner, where disclosure is required by law, including a subpoena or other form of compulsory legal process issued by a court or governmental entity, or by court or arbitrator(s) order. The Contractor may also disclose "confidential" information to its employees, consultants, sureties, Subcontractors and their employees, Sub-subcontractors, and others who need to know the content of such information solely and exclusively for the Project and who agree to maintain the confidentiality of such information.

### § 2.3 Information and Services Required of the Owner

§ 2.3.1 Except for permits and fees that are the responsibility of the Contractor under the Contract Documents, including those required under Section 3.7.1, the Owner shall secure and pay for necessary approvals, easements, assessments and charges required for construction, use or occupancy of permanent structures or for permanent changes in existing facilities.

§ 2.3.2 The Owner shall retain an architect lawfully licensed to practice architecture, or an entity lawfully practicing architecture, in the jurisdiction where the Project is located. That person or entity is identified as the Architect in the Agreement and is referred to throughout the Contract Documents as if singular in number.

§ 2.3.3 If the employment of the Architect terminates, the Owner shall employ a successor to whom the Contractor has no reasonable objection and whose status under the Contract Documents shall be that of the Architect.

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**§ 2.3.4** The Owner shall furnish surveys describing physical characteristics, legal limitations and utility locations for the site of the Project, and a legal description of the site. The Contractor shall be entitled to rely on the accuracy of information furnished by the Owner but shall exercise proper precautions relating to the safe performance of the Work. However, Contractor shall immediately notify Owner and Architect, in writing, in the event that the Contractor observes any discrepancies in such information.

**§ 2.3.5** The Owner shall furnish information or services required of the Owner by the Contract Documents with reasonable promptness. The Owner shall also furnish any other information or services under the Owner's control and relevant to the Contractor's performance of the Work with reasonable promptness after receiving the Contractor's written request for such information or services.

**§ 2.3.6** Unless otherwise provided in the Contract Documents, the Owner shall furnish to the Contractor one copy of the Contract Documents for purposes of making reproductions pursuant to Section 1.5.2.

#### **§ 2.4 Owner's Right to Stop the Work**

If the Contractor fails to correct Work that is not in accordance with the requirements of the Contract Documents as required by Section 12.2 or fails to carry out Work in accordance with the Contract Documents, the Owner may issue a written order to the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, the right of the Owner to stop the Work shall not give rise to a duty on the part of the Owner to exercise this right for the benefit of the Contractor or any other person or entity, except to the extent required by Section 6.1.3. The rights stated in this provision are not a limitation of any rights of the Owner expressed in the Contract Documents or as provided under law or in equity.

#### **§ 2.5 Owner's Right to Carry Out the Work**

If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within a two (2) working day period after receipt of notice from the Owner to commence and continue correction of such default or neglect with diligence and promptness, the Owner may, after such two (2) working day period and without prejudice to other remedies the Owner may have, correct such default or neglect. If current and future payments are not sufficient to cover such amounts, the Contractor shall pay the difference to the Owner. If the Contractor disagrees with the actions of the Owner or the Architect, or the amounts claimed as costs to the Owner, the Contractor may file a Claim pursuant to Article 15.

### **ARTICLE 3 CONTRACTOR**

#### **§ 3.1 General**

**§ 3.1.1** The Contractor is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Contractor shall be lawfully licensed, if required in the jurisdiction where the Project is located. The Contractor shall designate in writing a representative who shall have express authority to bind the Contractor with respect to all matters under this Contract. The term "Contractor" means the Contractor or the Contractor's authorized representative.

**§ 3.1.2** The Contractor shall perform the Work in accordance with the Contract Documents.

**§ 3.1.3** The Contractor shall not be relieved of its obligations to perform the Work in accordance with the Contract Documents either by activities or duties of the Architect in the Architect's administration of the Contract, or by tests, inspections or approvals required or performed by persons or entities other than the Contractor.

#### **§ 3.2 Review of Contract Documents and Field Conditions by Contractor**

**§ 3.2.1** Execution of the Contract by the Contractor is a representation that the Contractor has visited the site, become generally familiar with local conditions under which the Work is to be performed, and correlated personal observations with requirements of the Contract Documents.

**§ 3.2.2** Because the Contract Documents are complementary, the Contractor shall, before starting each portion of the Work, carefully study and compare the various Contract Documents relative to that portion of the Work, as well as the information furnished by the Owner pursuant to Section 2.3.4, shall take field measurements of any existing conditions related to that portion of the Work, and shall observe any conditions at the site affecting it. These obligations are for the purpose of facilitating coordination and construction by the Contractor and are not for the purpose of discovering errors, omissions, or inconsistencies in the Contract Documents; however, the Contractor shall

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promptly report to the Architect any errors, inconsistencies or omissions discovered by or made known to the Contractor as a request for information in such form as the Architect may require. It is recognized that the Contractor's review is made in the Contractor's capacity as a contractor and not as a licensed design professional, unless otherwise specifically provided in the Contract Documents.

**§ 3.2.3** The Contractor is not required to ascertain that the Contract Documents are in accordance with applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, but the Contractor shall promptly report to the Architect any nonconformity discovered by or made known to the Contractor as a request for information in such form as the Architect may require.

**§ 3.2.4** If the Contractor believes that additional cost or time is involved because of clarifications or instructions the Architect issues in response to the Contractor's notices or requests for information pursuant to Sections 3.2.2 or 3.2.3, the Contractor shall submit Claims as provided in Article 15. If the Contractor fails to perform the obligations of Sections 3.2.2 or 3.2.3, the Contractor shall pay such costs and damages to the Owner, subject to Section 15.1.7, as would have been avoided if the Contractor had performed such obligations. If the Contractor performs those obligations, the Contractor shall not be liable to the Owner or Architect for damages resulting from errors, inconsistencies or omissions in the Contract Documents, for differences between field measurements or conditions and the Contract Documents, or for nonconformities of the Contract Documents to applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities.

### **§ 3.3 Supervision and Construction Procedures**

**§ 3.3.1** The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention. The Contractor shall be solely responsible for, and have control over, construction means, methods, techniques, sequences, and procedures, and for coordinating all portions of the Work under the Contract. If the Contract Documents give specific instructions concerning construction means, methods, techniques, sequences, or procedures, the Contractor shall evaluate the jobsite safety thereof and shall be solely responsible for the jobsite safety of such means, methods, techniques, sequences, or procedures. If the Contractor determines that such means, methods, techniques, sequences or procedures may not be safe, the Contractor shall give timely notice to the Owner and Architect, and shall propose alternative means, methods, techniques, sequences, or procedures. The Architect shall evaluate the proposed alternative solely for conformance with the design intent for the completed construction. Unless the Architect objects to the Contractor's proposed alternative, the Contractor shall perform the Work using its alternative means, methods, techniques, sequences, or procedures.

**§ 3.3.2** The Contractor shall be responsible to the Owner for acts and omissions of the Contractor's employees, Subcontractors and their agents and employees, and other persons or entities performing portions of the Work for, or on behalf of, the Contractor or any of its Subcontractors.

**§ 3.3.3** The Contractor shall be responsible for inspection of portions of Work already performed to determine that such portions are in proper condition to receive subsequent Work.

### **§ 3.4 Labor and Materials**

**§ 3.4.1** Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

**§ 3.4.2** Except in the case of minor changes in the Work approved by the Architect in accordance with Section 3.12.8 or ordered by the Architect in accordance with Section 7.4, the Contractor may make substitutions only with the consent of the Owner, after evaluation by the Architect and in accordance with a Change Order or Construction Change Directive.

**§ 3.4.3** The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Work. The Contractor shall not permit employment of unfit persons or persons not properly skilled in tasks assigned to them.

**§ 3.4.4** The Contractor shall attempt to employ or use labor in connection with the Work that will minimize the likelihood of any strike, work stoppage, or other labor disturbance.

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### **§ 3.5 Warranty**

**§ 3.5.1** The Contractor warrants to the Owner and Architect that materials and equipment furnished under the Contract will be of good quality and new unless the Contract Documents require or permit otherwise. The Contractor further warrants that the Work will conform to the requirements of the Contract Documents and will be free from defects, except for those inherent in the quality of the Work the Contract Documents require or permit. Work, materials, or equipment not conforming to these requirements may be considered defective. The Contractor's warranty excludes remedy for damage or defect caused by abuse, alterations to the Work not executed by the Contractor, improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage. If required by the Architect or Owner, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

**§ 3.5.1.1** To the extent necessary, the Contractor shall assign to the Owner at the time of final completion of the Work any and all manufacturer's warranties relating to materials and labor used in the Work and further agrees to perform the Work in such manner so as to preserve any and all such manufacturer's warranties.

**§ 3.5.2** All material, equipment, or other special warranties required by the Contract Documents shall be issued in the name of the Owner, or shall be transferable to the Owner, and shall commence in accordance with Section 9.8.4. To the extent necessary, the Contractor shall assign to the Owner at the time of final completion of the Work any and all manufacturer's warranties relating to materials and labor used in the Work and further agrees to perform the Work in such manner so as to preserve any and all such manufacturer's warranties.

### **§ 3.6 Taxes**

**§ 3.6.1** The Contractor shall pay sales, consumer, use and similar taxes for the Work provided by the Contractor that are legally enacted when bids are received or negotiations concluded, whether or not yet effective or merely scheduled to go into effect.

**§ 3.6.2** Contractor acknowledges that the Project is tax exempt and Owner shall not be responsible for any sales, use or similar taxes imposed by a governmental authority that are related to the Work.

### **§ 3.7 Permits, Fees, Notices and Compliance with Laws**

**§ 3.7.1** Unless otherwise provided in the Contract Documents, the Contractor shall secure and pay for the building permit as well as for other permits, fees, licenses, and inspections by government agencies necessary for proper execution and completion of the Work that are customarily secured after execution of the Contract and legally required at the time bids are received or negotiations concluded.

**§ 3.7.2** The Contractor shall comply with and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities applicable to performance of the Work.

**§ 3.7.3** If the Contractor performs Work knowing it to be contrary to applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, the Contractor shall assume appropriate responsibility for such Work and shall bear the costs attributable to correction.

### **§ 3.7.4 Concealed or Unknown Conditions**

If the Contractor encounters conditions at the site that are (1) subsurface or otherwise concealed physical conditions that differ materially from those indicated in the Contract Documents or (2) unknown physical conditions of an unusual nature that differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents, the Contractor shall promptly provide notice to the Owner and the Architect before conditions are disturbed and in no event later than 14 days after first observance of the conditions. The Architect will promptly investigate such conditions and, if the Architect determines that they differ materially and cause an increase or decrease in the Contractor's cost of, or time required for, performance of any part of the Work, will recommend that an equitable adjustment be made in the Contract Sum or Contract Time, or both. If the Architect determines that the conditions at the site are not materially different from those indicated in the Contract Documents and that no change in the terms of the Contract is justified, the Architect shall promptly notify the Owner and Contractor, stating the reasons. If either party disputes the Architect's determination or recommendation, that party may submit a Claim as provided in Article 15.

§ 3.7.5 If, in the course of the Work, the Contractor encounters human remains or recognizes the existence of burial markers, archaeological sites or wetlands not indicated in the Contract Documents, the Contractor shall immediately suspend any operations that would affect them and shall notify the Owner and Architect. Upon receipt of such notice, the Owner shall promptly take any action necessary to obtain governmental authorization required to resume the operations. The Contractor shall continue to suspend such operations until otherwise instructed by the Owner but shall continue with all other operations that do not affect those remains or features. Requests for adjustments in the Contract Sum and Contract Time arising from the existence of such remains or features may be made as provided in Article 15.

### § 3.8 Allowances

§ 3.8.1 The Contractor shall include in the Contract Sum all allowances stated in the Contract Documents. Items covered by allowances shall be supplied for such amounts and by such persons or entities as the Owner may direct, but the Contractor shall not be required to employ persons or entities to whom the Contractor has reasonable objection.

§ 3.8.2 Unless otherwise provided in the Contract Documents,

- .1 allowances shall cover the cost to the Contractor of materials and equipment delivered at the site and all required taxes, less applicable trade discounts;
- .2 Contractor's costs for unloading and handling at the site, labor, installation costs, overhead, profit, and other expenses contemplated for stated allowance amounts shall be included in the Contract Sum but not in the allowances; and
- .3 whenever costs are more than or less than allowances, the Contract Sum shall be adjusted accordingly by Change Order. The amount of the Change Order shall reflect (1) the difference between actual costs and the allowances under Section 3.8.2.1 and (2) changes in Contractor's costs under Section 3.8.2.2.

§ 3.8.3 Materials and equipment under an allowance shall be selected by the Owner with reasonable promptness.

### § 3.9 Superintendent

§ 3.9.1 The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance at the Project site during performance of the Work. The superintendent shall represent the Contractor, and communications given to the superintendent shall be as binding as if given to the Contractor.

§ 3.9.2 The Contractor, as soon as practicable after award of the Contract, shall notify the Owner and Architect of the name and qualifications of a proposed superintendent. Within 14 days of receipt of the information, the Architect may notify the Contractor, stating whether the Owner or the Architect (1) has reasonable objection to the proposed superintendent or (2) requires additional time for review. Failure of the Architect to provide notice within the 14-day period shall constitute notice of no reasonable objection.

§ 3.9.3 The Contractor shall not employ a proposed superintendent to whom the Owner or Architect has made reasonable and timely objection. The Contractor shall not change the superintendent without the Owner's consent, which shall not unreasonably be withheld or delayed.

### § 3.10 Contractor's Construction and Submittal Schedules

§ 3.10.1 The Contractor, promptly after being awarded the Contract, but prior to commencement of the Work, shall prepare and submit for the Owner's acceptance and Architect's information a detailed and comprehensive Contractor's construction schedule for the Work based upon the Critical Path Method (CPM) in hard copy with electronic copies in a Primavera, Suretrak, or MS Project format. The schedule shall, among other things, reflect the commencement and completion date of all major activities for the Work, including procurement and construction elements and phases of the Project. It should also break down each element or phase by trade and show early and late start dates so that all "float" time will be accurately identified. The schedule shall not exceed time limits current under the Contract Documents, shall be revised monthly or at more frequent intervals where appropriate to the conditions of the Work and Project and shall be submitted to the Owner electronically and in hard copy to reflect the current forecast for each activity and in comparison with the original schedule. The updates shall be related to the entire Project, and shall provide for expeditious and practicable execution of the Work. The Contractor shall monitor the progress of the Work for the Project and shall promptly advise the Owner of any delays or potential delays. The schedule shall be updated monthly to reflect the actual conditions of the progress of the Project and, in the event of delays, shall provide the Owner with an affirmative plan designed to correct the delay. In no event shall any progress update constitute an adjustment in the Contract Time period. It is understood that Owner's acceptance is limited to Owner's

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acknowledgement that based upon Owner's limited review of the schedule, the dates for Substantial Completion and milestone dates are acceptable.

**§ 3.10.2** The Contractor, promptly after being awarded the Contract and thereafter as necessary to maintain a current submittal schedule, shall submit a submittal schedule for the Architect's approval. The Architect's approval shall not be unreasonably delayed or withheld. The submittal schedule shall (1) be coordinated with the Contractor's construction schedule, and (2) allow the Architect reasonable time to review submittals. If the Contractor fails to submit a submittal schedule, or fails to provide submittals in accordance with the approved submittal schedule, the Contractor shall not be entitled to any increase in Contract Sum or extension of Contract Time based on the time required for review of submittals.

**§ 3.10.3** The Contractor shall perform the Work in general accordance with the most recent schedules submitted to the Owner and Architect.

**§ 3.10.4** In the event that the Owner determines that the performance of the Work has not progressed or reached the level of completion required by the Contract Documents, the Owner shall have the right to order the Contractor to take corrective measures necessary to expedite the progress of construction. The Contractor shall not be entitled to an adjustment in the Contract Sum in connection with the performance of such corrective measures for delays caused by the errors or omissions of the Contractor, subcontractors or materialmen.

### **§ 3.11 Documents and Samples at the Site**

The Contractor shall make available, at the Project site, the Contract Documents, including Change Orders (together with all Subcontractor Change Orders and Subcontracts, Construction Change Directives, and other Modifications), in good order and marked currently to indicate field changes and selections made during construction, and the approved Shop Drawings, Product Data, Samples, and similar required submittals. These shall be in electronic form or paper copy, available to the Architect and Owner, and delivered to the Architect for submittal to the Owner upon completion of the Work as a record of the Work as constructed.

### **§ 3.12 Shop Drawings, Product Data and Samples**

**§ 3.12.1** Shop Drawings are drawings, diagrams, schedules, and other data specially prepared for the Work by the Contractor or a Subcontractor, Sub-subcontractor, manufacturer, supplier, or distributor to illustrate some portion of the Work.

**§ 3.12.2** Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams, and other information furnished by the Contractor to illustrate materials or equipment for some portion of the Work.

**§ 3.12.3** Samples are physical examples that illustrate materials, equipment, or workmanship, and establish standards by which the Work will be judged.

**§ 3.12.4** Shop Drawings, Product Data, Samples, and similar submittals are not Contract Documents. Their purpose is to demonstrate how the Contractor proposes to conform to the information given and the design concept expressed in the Contract Documents for those portions of the Work for which the Contract Documents require submittals. Review by the Architect is subject to the limitations of Section 4.2.7. Informational submittals upon which the Architect is not expected to take responsive action may be so identified in the Contract Documents. Submittals that are not required by the Contract Documents may be returned by the Architect without action.

**§ 3.12.5** The Contractor shall review for compliance with the Contract Documents, approve, and submit to the Architect, Shop Drawings, Product Data, Samples, and similar submittals required by the Contract Documents, in accordance with the submittal schedule approved by the Architect or, in the absence of an approved submittal schedule, with reasonable promptness and in such sequence as to cause no delay in the Work or in the activities of the Owner or of Separate Contractors.

**§ 3.12.6** By submitting Shop Drawings, Product Data, Samples, and similar submittals, the Contractor represents to the Owner and Architect that the Contractor has (1) reviewed and approved them, (2) determined and verified materials, field measurements and field construction criteria related thereto, or will do so, and (3) checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.

§ 3.12.7 The Contractor shall perform no portion of the Work for which the Contract Documents require submittal and review of Shop Drawings, Product Data, Samples, or similar submittals, until the respective submittal has been approved by the Architect. Contractor shall also provide a coordinated set of mechanical, electrical and plumbing drawings.

§ 3.12.8 The Work shall be in accordance with approved submittals except that the Contractor shall not be relieved of responsibility for deviations from the requirements of the Contract Documents by the Architect's approval of Shop Drawings, Product Data, Samples, or similar submittals, unless the Contractor has specifically notified the Architect of such deviation at the time of submittal and (1) the Architect has given written approval to the specific deviation as a minor change in the Work, or (2) a Change Order or Construction Change Directive has been issued authorizing the deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples, or similar submittals, by the Architect's approval thereof.

§ 3.12.9 The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data, Samples, or similar submittals, to revisions other than those requested by the Architect on previous submittals. In the absence of such notice, the Architect's approval of a resubmission shall not apply to such revisions.

§ 3.12.10 The Contractor shall not be required to provide professional services that constitute the practice of architecture or engineering unless such services are specifically required by the Contract Agreement for a portion of the Work or unless the Contractor needs to provide such incidental services in order to carry out the Contractor's responsibilities for construction means, methods, techniques, sequences, and procedures. The Contractor shall not be required to provide professional services in violation of applicable law.

§ 3.12.10.1 If professional design services or certifications by a design professional related to systems, materials, or equipment are specifically required of the Contractor by the Contract Agreement, the Owner and the Architect will specify all performance and design criteria that such services must satisfy. The Contractor shall be entitled to rely upon the adequacy and accuracy of the performance and design criteria provided in the Contract Documents. The Contractor shall cause such services or certifications to be provided by an appropriately licensed design professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings, and other submittals prepared by such professional. Shop Drawings, and other submittals related to the Work, designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to the Architect. The Owner and the Architect shall be entitled to rely upon the adequacy and accuracy of the services, certifications, and approvals performed or provided by such design professionals. Pursuant to this Section 3.12.10, the Architect will review and approve or take other appropriate action on submittals only for the limited purpose of checking for conformance with information given and the design concept expressed in the Contract Agreement.

§ 3.12.10.2 If the Contract Documents require the Contractor's design professional to certify that the Work has been performed in accordance with the design criteria, the Contractor shall furnish such certifications to the Architect at the time and in the form specified by the Architect.

### § 3.13 Use of Site

The Contractor shall confine operations at the site to areas permitted by applicable laws, statutes, ordinances, codes, rules and regulations, lawful orders of public authorities, and the Contract Documents and shall not unreasonably encumber the site with materials or equipment. Further, the Contractor shall use best efforts to avoid any interference with the occupancy or use of any areas or buildings adjacent to or near to the site of the Work or Project site.

### § 3.14 Cutting and Patching

§ 3.14.1 The Contractor shall be responsible for cutting, fitting, or patching required to complete the Work or to make its parts fit together properly. All areas requiring cutting, fitting, or patching shall be restored to the condition existing prior to the cutting, fitting, or patching, unless otherwise required by the Contract Documents.

§ 3.14.2 The Contractor shall not damage or endanger a portion of the Work or fully or partially completed construction of the Owner or Separate Contractors by cutting, patching, or otherwise altering such construction, or by excavation. The Contractor shall not cut or otherwise alter construction by the Owner or a Separate Contractor except with written consent of the Owner and of the Separate Contractor. Consent shall not be unreasonably withheld. The Contractor shall not unreasonably withhold, from the Owner or a Separate Contractor, its consent to cutting or otherwise altering the Work.



### **§ 3.15 Cleaning Up**

**§ 3.15.1** The Contractor shall keep the premises and surrounding area free from accumulation of waste materials and rubbish caused by operations under the Contract. At completion of the Work, the Contractor shall remove waste materials, rubbish, the Contractor's tools, construction equipment, machinery, and surplus materials from and about the Project.

**§ 3.15.2** If the Contractor fails to clean up as provided in the Contract Documents, the Owner may do so and the Owner shall be entitled to reimbursement from the Contractor.

### **§ 3.16 Access to Work**

The Contractor shall provide the Owner and Architect with access to the Work in preparation and progress wherever located.

### **§ 3.17 Royalties, Patents and Copyrights**

The Contractor shall pay all royalties and license fees. The Contractor shall defend suits or claims for infringement of copyrights and patent rights and shall hold the Owner and Architect harmless from loss on account thereof, but shall not be responsible for defense or loss when a particular design, process, or product of a particular manufacturer or manufacturers is required by the Contract Documents, or where the copyright violations are contained in Drawings, Specifications, or other documents prepared by the Owner or Architect. However, if an infringement of a copyright or patent is discovered by, or made known to, the Contractor, the Contractor shall be responsible for the loss unless the information is promptly furnished to the Architect.

### **§ 3.18 Indemnification**

**§ 3.18.1** To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the Owner, Architect and their agents and employees of any of them from and against claims, damages, losses, and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss, or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), but only to the extent caused by the negligent acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them, or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss, or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity that would otherwise exist as to a party or person described in this Section 3.18.

**§ 3.18.2** In claims against any person or entity indemnified under this Section 3.18 by an employee of the Contractor, a Subcontractor, anyone directly or indirectly employed by them, or anyone for whose acts they may be liable, the indemnification obligation under Section 3.18.1 shall not be limited by a limitation on amount or type of damages, compensation, or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefit acts, or other employee benefit acts.

## **ARTICLE 4 ARCHITECT**

### **§ 4.1 General**

**§ 4.1.1** The Architect is the person or entity retained by the Owner pursuant to Section 2.3.2 and identified as such in the Agreement.

**§ 4.1.2** Duties, responsibilities, and limitations of authority of the Architect as set forth in the Contract Documents shall not be restricted, modified, or extended without written consent of the Owner, Contractor, and Architect. Consent shall not be unreasonably withheld.

### **§ 4.2 Administration of the Contract**

**§ 4.2.1** The Architect will provide administration of the Contract as described in the Contract Documents and will be an Owner's representative during construction until the date the Architect issues the final Certificate for Payment. The Architect will have authority to act on behalf of the Owner only to the extent provided in the Contract Documents.

**§ 4.2.2** The Architect will visit the site at intervals appropriate to the stage of construction, or as otherwise agreed with the Owner, to become generally familiar with the progress and quality of the portion of the Work completed, and to determine in general if the Work observed is being performed in a manner indicating that the Work, when fully

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completed, will be in accordance with the Contract Documents. However, the Architect will not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. The Architect will not have control over, charge of, or responsibility for the construction means, methods, techniques, sequences or procedures, or for the safety precautions and programs in connection with the Work, since these are solely the Contractor's rights and responsibilities under the Contract Documents.

**§ 4.2.3** On the basis of the site visits, the Architect will keep the Owner informed about the progress and quality of the portion of the Work completed, and promptly report to the Owner (1) known deviations from the Contract Documents, (2) known deviations from the most recent construction schedule submitted by the Contractor, and (3) defects and deficiencies observed in the Work. The Architect will not be responsible for the Contractor's failure to perform the Work in accordance with the requirements of the Contract Documents. The Architect will not have control over or charge of, and will not be responsible for acts or omissions of, the Contractor, Subcontractors, or their agents or employees, or any other persons or entities performing portions of the Work.

#### **§ 4.2.4 Communications**

The Owner and Contractor shall include the Architect in all communications that relate to or affect the Architect's services or professional responsibilities. The Owner shall promptly notify the Architect of the substance of any direct communications between the Owner and the Contractor otherwise relating to the Project. Communications by and with the Architect's consultants shall be through the Architect. Communications by and with Subcontractors and suppliers shall be through the Contractor. Communications by and with Separate Contractors shall be through the Owner. The Contract Documents may specify other communication protocols.

**§ 4.2.5** Based on the Architect's evaluations of the Contractor's Applications for Payment, the Architect will review and certify the amounts due the Contractor and will issue Certificates for Payment in such amounts.

**§ 4.2.6** The Architect and the Owner will have the authority to reject Work that does not conform to the Contract Documents. Whenever the Architect considers it necessary or advisable, the Architect will have authority to require inspection or testing of the Work in accordance with Sections 13.4.2 and 13.4.3, whether or not the Work is fabricated, installed or completed.

**§ 4.2.7** The Architect will 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. The Architect's action will be taken in accordance with the submittal schedule approved by the Architect or, in the absence of an approved submittal schedule, with reasonable promptness while allowing sufficient time in the Architect's professional judgment to permit adequate review. Review of such submittals is not conducted for the purpose of determining the accuracy and completeness of other details such as dimensions and quantities, or for substantiating instructions for installation or performance of equipment or systems, all of which remain the responsibility of the Contractor as required by the Contract Documents. The Architect's review of the Contractor's submittals shall not relieve the Contractor of the obligations under Sections 3.3, 3.5, and 3.12. The Architect's review shall not constitute approval of safety precautions or of any construction means, methods, techniques, sequences, or procedures. The Architect's approval of a specific item shall not indicate approval of an assembly of which the item is a component.

**§ 4.2.8** The Architect will prepare Change Orders and Construction Change Directives, and may order minor changes in the Work as provided in Section 7.4. The Architect will investigate and make determinations and recommendations regarding concealed and unknown conditions as provided in Section 3.7.4.

**§ 4.2.9** The Architect will conduct inspections to determine the date or dates of Substantial Completion and the date of final completion; issue Certificates of Substantial Completion pursuant to Section 9.8; receive and forward to the Owner, for the Owner's review and records, written warranties and related documents required by the Contract and assembled by the Contractor pursuant to Section 9.10; and issue a final Certificate for Payment pursuant to Section 9.10.

**§ 4.2.10** If the Owner and Architect agree, the Architect will provide one or more Project representatives to assist in carrying out the Architect's responsibilities at the site. The Owner shall notify the Contractor of any change in the duties, responsibilities and limitations of authority of the Project representatives.

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

§ 4.2.12 Interpretations and decisions of the Architect will be consistent with the intent of, and reasonably inferable from, the Contract Documents and will be in writing or in the form of drawings. When making such interpretations and decisions, the Architect will endeavor to secure faithful performance by both Owner and Contractor, will not show partiality to either, and will not be liable for results of interpretations or decisions rendered in good faith.

§ 4.2.13 The Owner's decisions on matters relating to aesthetic effect will be final if consistent with the intent expressed in the Contract Documents.

§ 4.2.14 The Architect will review and respond to requests for information about the Contract Documents. The Architect's response to such requests will be made in writing within any time limits agreed upon or otherwise with reasonable promptness. If appropriate, the Architect will prepare and issue supplemental Drawings and Specifications in response to the requests for information.

## ARTICLE 5 SUBCONTRACTORS

### § 5.1 Definitions

§ 5.1.1 A Subcontractor is a person or entity who has a direct contract with the Contractor to perform a portion of the Work at the site. The term "Subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Subcontractor or an authorized representative of the Subcontractor. The term "Subcontractor" does not include a Separate Contractor or the subcontractors of a Separate Contractor.

§ 5.1.2 A Sub-subcontractor is a person or entity who has a direct or indirect contract with a Subcontractor to perform a portion of the Work at the site. The term "Sub-subcontractor" is referred to throughout the Contract Documents as if singular in number and means a Sub-subcontractor or an authorized representative of the Sub-subcontractor.

### § 5.2 Award of Subcontracts and Other Contracts for Portions of the Work

§ 5.2.1 Unless otherwise stated in the Contract Documents or the bidding requirements, the Contractor, as soon as practicable after award of the Contract, shall furnish in writing to the Owner the names of persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for each principal portion of the Work. The Owner may reply within 14 days to the Contractor in writing stating (1) whether the Owner has reasonable objection to any such proposed person or entity or (2) that the Architect requires additional time for review. Failure of the Owner to reply within the 14 day period shall constitute notice of no reasonable objection. Contractor represents that all subcontractors or materialmen furnishing materials, labor or equipment or other aspects of the Work shall actually perform such Work. Contractor agrees that such subcontractors may not enter into any contract with any other subcontractor or supplier for furnishing of materials, labor or equipment without the prior written consent obtained by Contractor from Owner.

§ 5.2.2 The Contractor shall not contract with a proposed person or entity to whom the Owner has made reasonable and timely objection. The Contractor shall not be required to contract with anyone to whom the Contractor has made reasonable objection.

§ 5.2.3 If the Owner has reasonable objection to a person or entity proposed by the Contractor, the Contractor shall propose another to whom the Owner has no reasonable objection. If the proposed but rejected Subcontractor was reasonably capable of performing the Work, the Contract Sum and Contract Time shall be increased or decreased by the difference, if any, occasioned by such change, and an appropriate Change Order shall be issued before commencement of the substitute Subcontractor's Work. However, no increase in the Contract Sum or Contract Time shall be allowed for such change unless the Contractor has acted promptly and responsively in submitting names as required.

§ 5.2.4 The Contractor shall not substitute a Subcontractor, person, or entity for one previously selected if the Owner or Architect makes reasonable objection to such substitution.

### § 5.3 Subcontractual Relations

By appropriate written agreement, the Contractor shall require each Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to the Contractor by terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities, including the responsibility for safety of the Subcontractor's Work that the Contractor, by these Contract Documents, assumes toward the Owner. Each subcontract agreement shall preserve and protect the rights of the Owner under the Contract Documents with respect to the Work to be performed by the Subcontractor so that subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the subcontract agreement, the benefit of all rights, remedies, and redress against the Contractor that the Contractor, by the Contract Documents, has against the Owner. Where appropriate, the Contractor shall require each Subcontractor to enter into similar agreements with Sub-subcontractors. The Contractor shall make available to each proposed Subcontractor, prior to the execution of the subcontract agreement, copies of the Contract Documents to which the Subcontractor will be bound, and, upon written request of the Subcontractor, identify to the Subcontractor terms and conditions of the proposed subcontract agreement that may be at variance with the Contract Documents. Subcontractors will similarly make copies of applicable portions of such documents available to their respective proposed Sub-subcontractors.

### § 5.4 Contingent Assignment of Subcontracts

§ 5.4.1 Each subcontract agreement for a portion of the Work is assigned by the Contractor to the Owner, provided that

- .1 assignment is effective only after termination of the Contract by the Owner for cause pursuant to Section 14.2 and only for those subcontract agreements that the Owner accepts by notifying the Subcontractor and Contractor; and
- .2 assignment is subject to the prior rights of the surety, if any, obligated under bond relating to the Contract.

When the Owner accepts the assignment of a subcontract agreement, the Owner assumes the Contractor's rights and obligations under the subcontract.

§ 5.4.2 Upon such assignment, if the Work has been suspended for more than 30 days, the Subcontractor's compensation shall be equitably adjusted for increases in cost resulting from the suspension.

§ 5.4.3 Upon assignment to the Owner under this Section 5.4, the Owner may further assign the subcontract to a successor contractor or other entity. If the Owner assigns the subcontract to a successor contractor or other entity, the Owner shall nevertheless remain legally responsible for all of the successor contractor's obligations under the subcontract.

## ARTICLE 6 CONSTRUCTION BY OWNER OR BY SEPARATE CONTRACTORS

### § 6.1 Owner's Right to Perform Construction and to Award Separate Contracts

§ 6.1.1 The term "Separate Contractor(s)" shall mean other contractors retained by the Owner under separate agreements. The Owner reserves the right to perform construction or operations related to the Project with the Owner's own forces, and with Separate Contractors retained under Conditions of the Contract substantially similar to those of this Contract, including those provisions of the Conditions of the Contract related to insurance and waiver of subrogation.

§ 6.1.2 When separate contracts are awarded for different portions of the Project or other construction or operations on the site, the term "Contractor" in the Contract Documents in each case shall mean the Contractor who executes each separate Owner-Contractor Agreement.

§ 6.1.3 The Owner shall provide for coordination of the activities of the Owner's own forces and of each Separate Contractor with the Work of the Contractor, who shall cooperate with them. The Contractor shall participate with any Separate Contractors and the Owner in reviewing their construction schedules. The Contractor shall make any revisions to its construction schedule deemed necessary after a joint review and mutual agreement. The construction schedules shall then constitute the schedules to be used by the Contractor, Separate Contractors, and the Owner until subsequently revised.

§ 6.1.4 Unless otherwise provided in the Contract Documents, when the Owner performs construction or operations related to the Project with the Owner's own forces or with Separate Contractors, the Owner or its Separate Contractors

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shall have the same obligations and rights that the Contractor has under the Conditions of the Contract, including, without excluding others, those stated in Article 3, this Article 6, and Articles 10, 11, and 12.

### **§ 6.2 Mutual Responsibility**

**§ 6.2.1** The Contractor shall afford the Owner and Separate Contractors reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities, and shall connect and coordinate the Contractor's construction and operations with theirs as required by the Contract Documents.

**§ 6.2.2** If part of the Contractor's Work depends for proper execution or results upon construction or operations by the Owner or a Separate Contractor, the Contractor shall, prior to proceeding with that portion of the Work, promptly notify the Architect of apparent discrepancies or defects in the construction or operations by the Owner or Separate Contractor that would render it unsuitable for proper execution and results of the Contractor's Work. Failure of the Contractor to notify the Architect of apparent discrepancies or defects prior to proceeding with the Work shall constitute an acknowledgment that the Owner's or Separate Contractor's completed or partially completed construction is fit and proper to receive the Contractor's Work. The Contractor shall not be responsible for discrepancies or defects in the construction or operations by the Owner or Separate Contractor that are not apparent.

**§ 6.2.3** The Contractor shall reimburse the Owner for costs the Owner incurs that are payable to a Separate Contractor because of the Contractor's delays, improperly timed activities or defective construction. The Owner shall be responsible to the Contractor for costs the Contractor incurs because of a Separate Contractor's delays, improperly timed activities, damage to the Work or defective construction.

**§ 6.2.4** The Contractor shall promptly remedy damage that the Contractor wrongfully causes to completed or partially completed construction or to property of the Owner or Separate Contractor as provided in Section 10.2.5.

**§ 6.2.5** The Owner and each Separate Contractor shall have the same responsibilities for cutting and patching as are described for the Contractor in Section 3.14.

### **§ 6.3 Owner's Right to Clean Up**

If a dispute arises among the Contractor, Separate Contractors, and the Owner as to the responsibility under their respective contracts for maintaining the premises and surrounding area free from waste materials and rubbish, the Owner may clean up and the Architect will allocate the cost among those responsible.

## **ARTICLE 7 CHANGES IN THE WORK**

### **§ 7.1 General**

**§ 7.1.1** Changes in the Work may be accomplished after execution of the Contract, and without invalidating the Contract, by Change Order, Construction Change Directive or order for a minor change in the Work, subject to the limitations stated in this Article 7 and elsewhere in the Contract Documents.

**§ 7.1.2** A Change Order shall be based upon agreement between the Owner and Contractor; a Construction Change Directive is a directive by the Owner and may or may not be agreed to by the Contractor. An order for a minor change in the Work may be issued by the Architect or Owner alone.

**§ 7.1.3** Changes in the Work shall be performed under applicable provisions of the Contract Documents. The Contractor shall proceed promptly with changes in the Work, unless otherwise provided in the Change Order, Construction Change Directive, or order for a minor change in the Work.

### **§ 7.2 Change Orders**

**§ 7.2.1** A Change Order is a written instrument prepared by the Contractor or Architect and signed by the Owner and Contractor, stating their agreement upon all of the following:

- .1 The change in the Work;
- .2 The amount of the adjustment, if any, in the Contract Sum; and
- .3 The extent of the adjustment, if any, in the Contract Time.

### **§ 7.3 Construction Change Directives**

**§ 7.3.1** A Construction Change Directive is a written order signed by the Owner directing a change in the Work prior to agreement on adjustment, if any, in the Contract Sum or Contract Time, or both. The Owner may by Construction

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Change Directive, without invalidating the Contract, order changes in the Work within the general scope of the Contract consisting of additions, deletions, or other revisions, the Contract Sum and Contract Time being adjusted accordingly.

**§ 7.3.2** A Construction Change Directive shall be used in the absence of total agreement on the terms of a Change Order.

**§ 7.3.3** If the Construction Change Directive provides for an adjustment to the Contract Sum, the adjustment shall be based on one of the following methods:

- .1 Mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation;
- .2 Unit prices stated in the Contract Documents or subsequently agreed upon;
- .3 Cost to be determined in a manner agreed upon by the parties and a mutually acceptable fixed or percentage fee; or
- .4 As provided in Section 7.3.4.

**§ 7.3.4** If the Contractor does not respond promptly or disagrees with the method for adjustment in the Contract Sum, the Owner shall determine the adjustment on the basis of reasonable expenditures and savings of those performing the Work attributable to the change, including, in case of an increase in the Contract Sum, an amount for overhead and profit as set forth in the Agreement, or if no such amount is set forth in the Agreement, a reasonable amount. In such case, and also under Section 7.3.3.3, the Contractor shall keep and present, in such form as the Architect may prescribe, an itemized accounting together with appropriate supporting data. Unless otherwise provided in the Contract Documents, costs for the purposes of this Section 7.3.4 shall be limited to the following:

- .1 Costs of labor, including applicable payroll taxes, fringe benefits required by agreement or custom, workers' compensation insurance, and other employee costs approved by the Architect;
- .2 Costs of materials, supplies, and equipment, including cost of transportation, whether incorporated or consumed;
- .3 Rental costs of machinery and equipment, exclusive of hand tools, whether rented from the Contractor or others;
- .4 Costs of premiums for all bonds and insurance, permit fees, and sales, use, or similar taxes, directly related to the change; and
- .5 Costs of supervision and field office personnel directly attributable to the change.

**§ 7.3.5** If the Contractor disagrees with the adjustment in the Contract Time, the Contractor may make a Claim in accordance with applicable provisions of Article 15.

**§ 7.3.6** Upon receipt of a Construction Change Directive, the Contractor shall promptly proceed with the change in the Work involved and advise the Owner of the Contractor's agreement or disagreement with the method, if any, provided in the Construction Change Directive for determining the proposed adjustment in the Contract Sum or Contract Time.

**§ 7.3.7** A Construction Change Directive signed by the Contractor indicates the Contractor's agreement therewith, including adjustment in Contract Sum and Contract Time or the method for determining them. Such agreement shall be effective immediately and shall be recorded as a Change Order.

**§ 7.3.8** The amount of credit to be allowed by the Contractor to the Owner for a deletion or change that results in a net decrease in the Contract Sum shall be actual net cost as confirmed by the Architect. When both additions and credits covering related Work or substitutions are involved in a change, the allowance for overhead and profit shall be figured on the basis of net increase, if any, with respect to that change.

**§ 7.3.9** Pending final determination of the total cost of a Construction Change Directive to the Owner, the Contractor may request payment for Work completed under the Construction Change Directive in Applications for Payment. The Architect will make an interim determination for purposes of monthly certification for payment for those costs and certify for payment the amount that the Architect determines, in the Architect's professional judgment, to be reasonably justified. The Architect's interim determination of cost shall adjust the Contract Sum on the same basis as a Change Order, subject to the right of either party to disagree and assert a Claim in accordance with Article 15.

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§ 7.3.10 When the Owner and Contractor agree concerning the adjustments in the Contract Sum and Contract Time, or otherwise reach agreement upon the adjustments, such agreement shall be effective immediately and the Architect will prepare a Change Order. Change Orders may be issued for all or any part of a Construction Change Directive.

#### § 7.4 Minor Changes in the Work

The Architect may order 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. The Architect's order for minor changes shall be in writing. If the Contractor believes that the proposed minor change in the Work will affect the Contract Sum or Contract Time, the Contractor shall notify the Architect and shall not proceed to implement the change in the Work. If the Contractor performs the Work set forth in the Architect's order for a minor change without prior notice to the Architect that such change will affect the Contract Sum or Contract Time, the Contractor waives any adjustment to the Contract Sum or extension of the Contract Time.

### ARTICLE 8 TIME

#### § 8.1 Definitions

§ 8.1.1 Unless otherwise provided, Contract Time is the period of time, including authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work.

§ 8.1.2 The date of commencement of the Work is the date established in the Agreement.

§ 8.1.3 The date of Substantial Completion is the date certified by the Architect in accordance with Section 9.8.

§ 8.1.4 The term "day" as used in the Contract Documents shall mean calendar day unless otherwise specifically defined.

#### § 8.2 Progress and Completion

§ 8.2.1 Time limits stated in the Contract Documents are of the essence of the Contract. By executing the Agreement, the Contractor confirms that the Contract Time is a reasonable period for performing the Work.

§ 8.2.2 The Contractor shall not knowingly, except by agreement or instruction of the Owner in writing, commence the Work prior to the effective date of insurance required to be furnished by the Contractor and Owner.

§ 8.2.3 The Contractor shall proceed expeditiously with adequate forces and shall achieve Substantial Completion within the Contract Time.

#### § 8.3 Delays and Extensions of Time

§ 8.3.1 If the Contractor is delayed at any time in the commencement or progress of the Work by (1) an act or neglect of the Owner or Architect, of an employee of either, or of a Separate Contractor; (2) by changes ordered in the Work; (3) by labor disputes, fire, unusual delay in deliveries, unavoidable casualties, adverse weather conditions documented in accordance with Section 15.1.6.2, or other causes beyond the Contractor's control; or (4) by delay authorized by the Owner pending mediation, then the Contract Time shall be extended for such reasonable time as appropriate under the circumstances.

§ 8.3.2 Claims relating to time shall be made in accordance with applicable provisions of Article 15.

§ 8.3.3 This Section 8.3 does not preclude recovery of damages for delay by either party under other provisions of the Contract Documents.

### ARTICLE 9 PAYMENTS AND COMPLETION

#### § 9.1 Contract Sum

§ 9.1.1 The Contract Sum is stated in the Agreement and, including authorized adjustments, is the total amount payable by the Owner to the Contractor for performance of the Work under the Contract Documents.

§ 9.1.2 If unit prices are stated in the Contract Documents or subsequently agreed upon, and if quantities originally contemplated are materially changed so that application of such unit prices to the actual quantities causes substantial inequity to the Owner or Contractor, the applicable unit prices shall be equitably adjusted.

## § 9.2 Schedule of Values

Where the Contract is based on a stipulated sum or Guaranteed Maximum Price, the Contractor shall submit a schedule of values to the Architect and Owner before the first Application for Payment, allocating the entire Contract Sum to the various portions of the Work. The schedule of values shall be prepared in the form, and supported by the data to substantiate its accuracy, required by the Architect or Owner. This schedule, unless objected to by the Architect or Owner, shall be used as a basis for reviewing the Contractor's Applications for Payment. Any changes to the schedule of values shall be submitted to the Architect and supported by such data to substantiate its accuracy as the Architect may require, and unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's subsequent Applications for Payment.

## § 9.3 Applications for Payment

§ 9.3.1 At least ten days before the date established for each progress payment, the Contractor shall submit to the Architect and Owner an itemized Application for Payment prepared in accordance with the schedule of values, if required under Section 9.2, for completed portions of the Work. The application shall be notarized, if required, and supported by all data substantiating the Contractor's right to payment that the Owner or Architect require, such as copies of requisitions, and releases and waivers of liens from Subcontractors and suppliers, and shall reflect retainage if provided for in the Contract Documents.

§ 9.3.1.1 As provided in Section 7.3.9, such applications may include requests for payment on account of changes in the Work that have been properly authorized by Construction Change Directives, or by interim determinations of the Architect, but not yet included in Change Orders.

§ 9.3.1.2 Applications for Payment shall not include requests for payment for portions of the Work for which the Contractor does not intend to pay a Subcontractor or supplier, unless such Work has been performed by others whom the Contractor intends to pay.

§ 9.3.2 Unless otherwise provided in the Contract Documents, payments shall be made on account of materials and equipment delivered and suitably stored at the site for subsequent incorporation in the Work. If approved in advance by the Owner, payment may similarly be made for materials and equipment suitably stored off the site at a location agreed upon in writing. Payment for materials and equipment stored on or off the site shall be conditioned upon compliance by the Contractor with procedures satisfactory to the Owner to establish the Owner's title to such materials and equipment or otherwise protect the Owner's interest, and shall include the costs of applicable insurance, storage, and transportation to the site, for such materials and equipment stored off the site.

§ 9.3.3 The Contractor warrants that title to all Work covered by an Application for Payment will pass to the Owner no later than the time of payment. The Contractor further warrants that upon submittal of an Application for Payment all Work for which Certificates for Payment have been previously issued and payments received from the Owner shall, to the best of the Contractor's knowledge, information, and belief, be free and clear of liens, claims, security interests, or encumbrances, in favor of the Contractor, Subcontractors, suppliers, or other persons or entities that provided labor, materials, and equipment relating to the Work. Each Application for Payment shall include, among other things, a partial lien release and waiver executed by Contractor for payment that is the subject of the present application and conditional partial lien releases and waivers executed by all subcontractors and major suppliers for payment for Work or materials that are the subject of the present Application for Payment. Further, Contractor agrees to keep the site on which Work is performed free and clear of all liens for labor and materials furnished pursuant to the Contract Documents. If any such lien is filed (for reasons not attributable to nonpayment by Owner), Contractor shall indemnify, defend and hold harmless the Owner against such lien and Contractor shall furnish satisfactory evidence that the lien has been satisfied, discharged and released of record after demand by Owner. If Contractor refuses to do so after five (5) days demand by Owner, the Owner may discharge such indebtedness and deduct the amount required therefor, together with costs, damages and attorneys' fees suffered by the Owner from any sum payable to the Contractor.

## § 9.4 Certificates for Payment

§ 9.4.1 The Architect will, within seven days after receipt of the Contractor's Application for Payment, either (1) issue to the Owner a Certificate for Payment in the full amount of the Application for Payment, with a copy to the Contractor; or (2) issue to the Owner a Certificate for Payment for such amount as the Architect determines is properly due, and notify the Contractor and Owner of the Architect's reasons for withholding certification in part as provided in

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Section 9.5.1; or (3) withhold certification of the entire Application for Payment, and notify the Contractor and Owner of the Architect's reason for withholding certification in whole as provided in Section 9.5.1.

**§ 9.4.2** The issuance of a Certificate for Payment will constitute a representation by the Architect to the Owner, based on the Architect's evaluation of the Work and the data in the Application for Payment, that, to the best of the Architect's knowledge, information, and belief, the Work has progressed to the point indicated, the quality of the Work is in accordance with the Contract Documents, and that the Contractor is entitled to payment in the amount certified. The foregoing representations are subject to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, to results of subsequent tests and inspections, to correction of minor deviations from the Contract Documents prior to completion, and to specific qualifications expressed by the Architect. However, the issuance of a Certificate for Payment will not be a representation that the Architect 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 suppliers and other data requested by the Owner to substantiate the Contractor's right to payment; or (4) made examination to ascertain how or for what purpose the Contractor has used money previously paid on account of the Contract Sum.

### **§ 9.5 Decisions to Withhold Certification**

**§ 9.5.1** The Architect may withhold a Certificate for Payment in whole or in part, to the extent reasonably necessary to protect the Owner, if in the Architect's opinion the representations to the Owner required by Section 9.4.2 cannot be made. If the Architect is unable to certify payment in the amount of the Application, the Architect will notify the Contractor and Owner as provided in Section 9.4.1. If the Contractor and Architect cannot agree on a revised amount, the Architect will promptly issue a Certificate for Payment for the amount for which the Architect is able to make such representations to the Owner. The Architect may also withhold a Certificate for Payment or, because of subsequently discovered evidence, may nullify the whole or a part of a Certificate for Payment previously issued, to such extent as may be necessary in the Architect's opinion to protect the Owner from loss for which the Contractor is responsible, including loss resulting from acts and omissions described in Section 3.3.2, because of

- .1 defective Work not remedied;
- .2 third party claims filed or reasonable evidence indicating probable filing of such claims, unless security acceptable to the Owner is provided by the Contractor;
- .3 failure of the Contractor to make payments properly to Subcontractors or suppliers for labor, materials or equipment;
- .4 reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum;
- .5 damage to the Owner or a Separate Contractor;
- .6 reasonable evidence that the Work will not be completed within the Contract Time, and that the unpaid balance would not be adequate to cover actual or liquidated damages for the anticipated delay; or
- .7 repeated failure to carry out the Work in accordance with the Contract Documents.

**§ 9.5.2** When either party disputes the Architect's decision regarding a Certificate for Payment under Section 9.5.1, in whole or in part, that party may submit a Claim in accordance with Article 15.

**§ 9.5.3** When the reasons for withholding certification are removed, certification will be made for amounts previously withheld.

**§ 9.5.4** If the Architect withholds certification for payment under Section 9.5.1.3, the Owner may, at its sole option, issue joint checks to the Contractor and to any Subcontractor or supplier to whom the Contractor failed to make payment for Work properly performed or material or equipment suitably delivered. If the Owner makes payments by joint check, the Owner shall notify the Architect and the Contractor shall reflect such payment on its next Application for Payment.

### **§ 9.6 Progress Payments**

**§ 9.6.1** After the Architect has issued a Certificate for Payment, the Owner shall make payment in the manner and within the time provided in the Contract Documents, and shall so notify the Architect.

**§ 9.6.2** The Contractor shall pay each Subcontractor, no later than seven days after receipt of payment from the Owner, the amount to which the Subcontractor is entitled, reflecting percentages actually retained from payments to the

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Contractor on account of the Subcontractor's portion of the Work. The Contractor shall, by appropriate agreement with each Subcontractor, require each Subcontractor to make payments to Sub-subcontractors in a similar manner.

**§ 9.6.3** The Architect will, on request, furnish to a Subcontractor, if practicable, information regarding percentages of completion or amounts applied for by the Contractor and action taken thereon by the Architect and Owner on account of portions of the Work done by such Subcontractor.

**§ 9.6.4** The Owner has the right to request written evidence from the Contractor that the Contractor has properly paid Subcontractors and suppliers amounts paid by the Owner to the Contractor for subcontracted Work. If the Contractor fails to furnish such evidence within seven days, the Owner shall have the right to contact Subcontractors and suppliers to ascertain whether they have been properly paid. Neither the Owner nor Architect shall have an obligation to pay, or to see to the payment of money to, a Subcontractor or supplier, except as may otherwise be required by law.

**§ 9.6.5** The Contractor's payments to suppliers shall be treated in a manner similar to that provided in Sections 9.6.2, 9.6.3 and 9.6.4.

**§ 9.6.6** A Certificate for Payment, a progress payment, or partial or entire use or occupancy of the Project by the Owner shall not constitute acceptance of Work not in accordance with the Contract Documents.

**§ 9.6.7** Unless the Contractor provides the Owner with a payment bond in the full penal sum of the Contract Sum, payments received by the Contractor for Work properly performed by Subcontractors or provided by suppliers shall be held by the Contractor for those Subcontractors or suppliers who performed Work or furnished materials, or both, under contract with the Contractor for which payment was made by the Owner. Nothing contained herein shall require money to be placed in a separate account and not commingled with money of the Contractor, create any fiduciary liability or tort liability on the part of the Contractor for breach of trust, or entitle any person or entity to an award of punitive damages against the Contractor for breach of the requirements of this provision.

**§ 9.6.8** Provided the Owner has fulfilled its payment obligations under the Contract Documents, the Contractor shall defend and indemnify the Owner from all loss, liability, damage or expense, including reasonable attorney's fees and litigation expenses, arising out of any lien claim or other claim for payment by any Subcontractor or supplier of any tier. Upon receipt of notice of a lien claim or other claim for payment, the Owner shall notify the Contractor. If approved by the applicable court, when required, the Contractor may substitute a surety bond for the property against which the lien or other claim for payment has been asserted.

### **§ 9.7 Failure of Payment**

If the Architect does not issue a Certificate for Payment, through no fault of the Contractor, within seven days after receipt of the Contractor's Application for Payment, or if the Owner does not pay the Contractor within seven days after the date established in the Contract Documents, the amount certified by the Architect, then the Contractor may, upon seven additional days' notice to the Owner and Architect, stop the Work until payment of the amount owing has been received. The Contract Time shall be extended appropriately and the Contract Sum shall be increased by the amount of the Contractor's reasonable costs of shutdown, delay and start-up, plus interest as provided for in the Contract Documents.

### **§ 9.8 Substantial Completion**

**§ 9.8.1** Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use.

**§ 9.8.2** When the Contractor considers that the Work, or a portion thereof which the Owner agrees to accept separately, is substantially complete, the Contractor shall prepare and submit to the Architect a comprehensive list of items to be completed or corrected prior to final payment. Failure to include an item on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

**§ 9.8.3** Upon receipt of the Contractor's list, the Architect will make an inspection to determine whether the Work or designated portion thereof is substantially complete. If the Architect's inspection discloses any item, whether or not included on the Contractor's list, which is not sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work or designated portion thereof for its intended use, the Contractor shall,



before issuance of the Certificate of Substantial Completion, complete or correct such item upon notification by the Architect. In such case, the Contractor shall then submit a request for another inspection by the Architect to determine Substantial Completion.

**§ 9.8.4** When the Work or designated portion thereof is substantially complete, the Architect will prepare a Certificate of Substantial Completion that shall establish the date of Substantial Completion; establish responsibilities of the Owner and Contractor for security, maintenance, heat, utilities, damage to the Work and insurance; and fix the time within which the Contractor shall finish all items on the list accompanying the Certificate. Warranties required by the Contract Documents shall commence on the issuance of the Certificate of Occupancy.

**§ 9.8.5** The Certificate of Substantial Completion shall be submitted to the Owner and Contractor for their written acceptance of responsibilities assigned to them in the Certificate. Upon such acceptance, and consent of surety if any, the Owner shall make payment of retainage applying to the Work or designated portion thereof. Such payment shall be adjusted for Work that is incomplete or not in accordance with the requirements of the Contract Documents.

#### **§ 9.9 Partial Occupancy or Use**

**§ 9.9.1** The Owner may occupy or use any completed or partially completed portion of the Work at any stage when such portion is designated by separate agreement with the Contractor, provided such occupancy or use is consented to by the insurer and authorized by public authorities having jurisdiction over the Project. Such partial occupancy or use may commence whether or not the portion is substantially complete, provided the Owner and Contractor have accepted in writing the responsibilities assigned to each of them for payments, retainage, if any, security, maintenance, heat, utilities, damage to the Work and insurance, and have agreed in writing concerning the period for correction of the Work and commencement of warranties required by the Contract Documents. When the Contractor considers a portion substantially complete, the Contractor shall prepare and submit a list to the Architect as provided under Section 9.8.2. Consent of the Contractor to partial occupancy or use shall not be unreasonably withheld. The stage of the progress of the Work shall be determined by written agreement between the Owner and Contractor or, if no agreement is reached, by decision of the Architect.

**§ 9.9.2** Immediately prior to such partial occupancy or use, the Owner, Contractor, and Architect shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

**§ 9.9.3** Unless otherwise agreed upon, partial occupancy or use of a portion or portions of the Work shall not constitute acceptance of Work not complying with the requirements of the Contract Documents.

#### **§ 9.10 Final Completion and Final Payment**

**§ 9.10.1** Upon receipt of the Contractor's notice that the Work is ready for final inspection and acceptance and upon receipt of a final Application for Payment, the Architect will promptly make such inspection. When the Architect finds the Work acceptable under the Contract Documents and the Contract fully performed, the Architect will promptly issue a final Certificate for Payment stating that to the best of the Architect's knowledge, information and belief, and on the basis of the Architect's on-site visits and inspections, the Work has been completed in accordance with the Contract Documents and that the entire balance found to be due the Contractor and noted in the final Certificate is due and payable. The Architect's final Certificate for Payment will constitute a further representation that conditions listed in Section 9.10.2 as precedent to the Contractor's being entitled to final payment have been fulfilled.

**§ 9.10.2** Neither final payment nor any remaining retained percentage shall become due until the Contractor submits to the Architect (1) an affidavit that payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which the Owner or the Owner's property might be responsible or encumbered (less amounts withheld by Owner) have been paid or otherwise satisfied, (2) a certificate evidencing that insurance required by the Contract Documents to remain in force after final payment is currently in effect, (3) a written statement that the Contractor knows of no reason that the insurance will not be renewable to cover the period required by the Contract Documents, (4) consent of surety, if any, to final payment, (5) documentation of any special warranties, such as manufacturers' warranties or specific Subcontractor warranties, and (6) if required by the Owner, other data establishing payment or satisfaction of obligations, such as receipts and releases and waivers of liens, claims, security interests, or encumbrances arising out of the Contract, to the extent and in such form as may be designated by the Owner. If a Subcontractor refuses to furnish a release or waiver required by the Owner, the Contractor may furnish a bond satisfactory to the Owner to indemnify the Owner against such lien, claim, security interest, or encumbrance. If a lien, claim, security interest, or encumbrance remains unsatisfied after payments are made, the Contractor shall refund to

the Owner all money that the Owner may be compelled to pay in discharging the lien, claim, security interest, or encumbrance, including all costs and reasonable attorneys' fees.

**§ 9.10.3** If, after Substantial Completion of the Work, final completion thereof is materially delayed through no fault of the Contractor or by issuance of Change Orders affecting final completion, and the Architect so confirms, the Owner shall, upon application by the Contractor and certification by the Architect, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed, corrected, and accepted. If the remaining balance for Work not fully completed or corrected is less than retainage stipulated in the Contract Documents, and if bonds have been furnished, the written consent of the surety to payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by the Contractor to the Architect prior to certification of such payment. Such payment shall be made under terms and conditions governing final payment, except that it shall not constitute a waiver of Claims.

**§ 9.10.4**

*(Paragraphs deleted)*

**[INTENTIONALLY OMITTED]**

**§ 9.10.5** Acceptance of final payment by the Contractor, a Subcontractor, or a supplier, shall constitute a waiver of claims by that payee except those previously made in writing and identified by that payee as unsettled at the time of final Application for Payment.

**ARTICLE 10 PROTECTION OF PERSONS AND PROPERTY**

**§ 10.1 Safety Precautions and Programs**

The Contractor shall be responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the performance of the Contract.

**§ 10.2 Safety of Persons and Property**

**§ 10.2.1** The Contractor shall take reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury, or loss to

- .1 employees on the Work and other persons who may be affected thereby;
- .2 the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody, or control of the Contractor, a Subcontractor, or a Sub-subcontractor; and
- .3 other property at the site or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures, and utilities not designated for removal, relocation, or replacement in the course of construction.

**§ 10.2.2** The Contractor shall comply with, and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities, bearing on safety of persons or property or their protection from damage, injury, or loss.

**§ 10.2.3** The Contractor shall implement, erect, and maintain, as required by existing conditions and performance of the Contract, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards; promulgating safety regulations; and notifying the owners and users of adjacent sites and utilities of the safeguards.

**§ 10.2.4** When use or storage of explosives or other hazardous materials or equipment, or unusual methods are necessary for execution of the Work, the Contractor shall exercise utmost care and carry on such activities under supervision of properly qualified personnel.

**§ 10.2.5** The Contractor shall promptly remedy damage and loss (other than damage or loss to be insured under property insurance required by the Contract Documents or any other insurance maintained by the Owner) to property referred to in Sections 10.2.1.2 and 10.2.1.3 caused in whole or in part by the Contractor, a Subcontractor, a Sub-subcontractor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts they may be liable and for which the Contractor is responsible under Sections 10.2.1.2 and 10.2.1.3. The Contractor may make a Claim for the cost to remedy the damage or loss to the extent such damage or loss is attributable to acts or omissions of the Owner or Architect or anyone directly or indirectly employed by either of them, or by anyone for whose acts either

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of them may be liable, and not attributable to the fault or negligence of the Contractor. The foregoing obligations of the Contractor are in addition to the Contractor's obligations under Section 3.18.

**§ 10.2.6** The Contractor shall designate a responsible member of the Contractor's organization at the site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated by the Contractor in writing to the Owner and Architect.

**§ 10.2.7** The Contractor shall not permit any part of the construction or site to be loaded so as to cause damage or create an unsafe condition.

**§ 10.2.8 Injury or Damage to Person or Property**

If either party suffers injury or damage to person or property because of an act or omission of the other party, or of others for whose acts such party is legally responsible, notice of the injury or damage, whether or not insured, shall be given to the other party within a reasonable time not exceeding 21 days after discovery. The notice shall provide sufficient detail to enable the other party to investigate the matter.

**§ 10.3 Hazardous Materials and Substances**

**§ 10.3.1** The Contractor is responsible for compliance with any requirements included in the Contract Documents regarding hazardous materials or substances. If the Contractor encounters a hazardous material or substance, the presence or management of which is regulated by applicable law, not addressed in the Contract Documents and if reasonable precautions will be inadequate to prevent foreseeable bodily injury or death to persons resulting from a material or substance, including but not limited to asbestos or polychlorinated biphenyl (PCB), encountered on the site by the Contractor, the Contractor shall, upon recognizing the condition, immediately stop Work in the affected area and notify the Owner and Architect of the condition.

**§ 10.3.2** Upon receipt of the Contractor's notice, the Owner shall obtain the services of a licensed laboratory to verify the presence or absence of the material or substance reported by the Contractor and, in the event such material or substance is found to be present, to cause it to be rendered harmless. Unless otherwise required by the Contract Documents, the Owner shall furnish in writing to the Contractor and Architect the names and qualifications of persons or entities who are to perform tests verifying the presence or absence of the material or substance or who are to perform the task of removal or safe containment of the material or substance. The Contractor and the Architect will promptly reply to the Owner in writing stating whether or not either has reasonable objection to the persons or entities proposed by the Owner. If either the Contractor or Architect has an objection to a person or entity proposed by the Owner, the Owner shall propose another to whom the Contractor and the Architect have no reasonable objection. When the material or substance has been rendered harmless, Work in the affected area shall resume upon written agreement of the Owner and Contractor. By Change Order, the Contract Time shall be extended appropriately and the Contract Sum shall be increased by the amount of the Contractor's reasonable additional costs of shutdown, delay, and start-up.

**§ 10.3.3** To the fullest extent permitted by law, the Owner shall indemnify and hold harmless the Contractor, Subcontractors, Architect, Architect's consultants, and agents and employees of any of them from and against claims, damages, losses, and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work in the affected area if in fact the material or substance presents the risk of bodily injury or death as described in Section 10.3.1 and has not been rendered harmless, provided that such claim, damage, loss, or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), except to the extent that such damage, loss, or expense is due to the fault or negligence of the party seeking indemnity.

**§ 10.3.4** The Owner shall not be responsible under this Section 10.3 for hazardous materials or substances the Contractor brings to the site unless such materials or substances are required by the Contract Documents. The Owner shall be responsible for hazardous materials or substances required by the Contract Documents, except to the extent of the Contractor's fault or negligence in the use and handling of such materials or substances.

**§ 10.3.5** The Contractor shall reimburse the Owner for the cost and expense the Owner incurs (1) for remediation of hazardous materials or substances the Contractor brings to the site and negligently handles, or (2) where the Contractor fails to perform its obligations under Section 10.3.1, except to the extent that the cost and expense are due to the Owner's fault or negligence.

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§ 10.3.6 If, without negligence on the part of the Contractor, the Contractor is held liable by a government agency for the cost of remediation of a hazardous material or substance solely by reason of performing Work as required by the Contract Documents, the Owner shall reimburse the Contractor for all cost and expense thereby incurred.

#### § 10.4 Emergencies

In an emergency affecting safety of persons or property, the Contractor shall act, at the Contractor's discretion, to prevent threatened damage, injury, or loss. Additional compensation or extension of time claimed by the Contractor on account of an emergency shall be determined as provided in Article 15 and Article 7.

### ARTICLE 11 INSURANCE AND BONDS

#### § 11.1 Contractor's Insurance and Bonds

§ 11.1.1 The Contractor shall purchase and maintain insurance of the types and limits of liability, containing the endorsements, and subject to the terms and conditions, as described in the Agreement or elsewhere in the Contract Documents. The Contractor shall purchase and maintain the required insurance from an insurance company or insurance companies lawfully authorized to issue insurance in the jurisdiction where the Project is located. The Owner, Architect, and Architect's consultants shall be named as additional insureds under the Contractor's commercial general liability policy or as otherwise described in the Contract Documents.

§ 11.1.2 The Contractor shall provide surety bonds of the types, for such penal sums, and subject to such terms and conditions as required by the Contract Documents. The Contractor shall purchase and maintain the required bonds from a company or companies lawfully authorized to issue surety bonds in the jurisdiction where the Project is located.

§ 11.1.3 Upon the request of any person or entity appearing to be a potential beneficiary of bonds covering payment of obligations arising under the Contract, the Contractor shall promptly furnish a copy of the bonds or shall authorize a copy to be furnished.

§ 11.1.4 **Notice of Cancellation or Expiration of Contractor's Required Insurance.** Within three (3) business days of the date the Contractor becomes aware of an impending or actual cancellation or expiration of any insurance required by the Contract Documents, the Contractor shall provide notice to the Owner of such impending or actual cancellation or expiration. Upon receipt of notice from the Contractor, the Owner shall, unless the lapse in coverage arises from an act or omission of the Owner, have the right to stop the Work until the lapse in coverage has been cured by the procurement of replacement coverage by the Contractor. The furnishing of notice by the Contractor shall not relieve the Contractor of any contractual obligation to provide any required coverage.

#### § 11.2 Owner's Insurance

§ 11.2.1 The Owner shall purchase and maintain insurance of the types and limits of liability, containing the endorsements, and subject to the terms and conditions, as described in the Agreement or elsewhere in the Contract Documents. The Owner shall purchase and maintain the required insurance from an insurance company or insurance companies lawfully authorized to issue insurance in the jurisdiction where the Project is located.

§ 11.2.2 **Failure to Purchase Required Property Insurance.** If the Owner fails to purchase and maintain the required property insurance, with all of the coverages and in the amounts described in the Agreement or elsewhere in the Contract Documents, the Owner shall inform the Contractor in writing prior to commencement of the Work. Upon receipt of notice from the Owner, the Contractor may delay commencement of the Work and may obtain insurance that will protect the interests of the Contractor, Subcontractors, and Sub-Subcontractors in the Work. When the failure to provide coverage has been cured or resolved, the Contract Sum and Contract Time shall be equitably adjusted. In the event the Owner fails to procure coverage, the Owner waives all rights against the Contractor, Subcontractors, and Sub-subcontractors to the extent the loss to the Owner would have been covered by the insurance to have been procured by the Owner. The cost of the insurance shall be charged to the Owner by a Change Order. If the Owner does not provide written notice, and the Contractor is damaged by the failure or neglect of the Owner to purchase or maintain the required insurance, the Owner shall reimburse the Contractor for all reasonable costs and damages attributable thereto.

§ 11.2.3 **Notice of Cancellation or Expiration of Owner's Required Property Insurance.** Within three (3) business days of the date the Owner becomes aware of an impending or actual cancellation or expiration of any property insurance

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required by the Contract Documents, the Owner shall provide notice to the Contractor of such impending or actual cancellation or expiration. Unless the lapse in coverage arises from an act or omission of the Contractor: (1) the Contractor, upon receipt of notice from the Owner, shall have the right to stop the Work until the lapse in coverage has been cured by the procurement of replacement coverage by either the Owner or the Contractor; (2) the Contract Time and Contract Sum shall be equitably adjusted; and (3) the Owner waives all rights against the Contractor, Subcontractors, and Sub-subcontractors to the extent any loss to the Owner would have been covered by the insurance had it not expired or been cancelled. If the Contractor purchases replacement coverage, the cost of the insurance shall be charged to the Owner by an appropriate Change Order. The furnishing of notice by the Owner shall not relieve the Owner of any contractual obligation to provide required insurance.

### **§ 11.3 Waivers of Subrogation**

**§ 11.3.1** The Owner and Contractor waive all rights against (1) each other and any of their subcontractors, sub-subcontractors, agents, and employees, each of the other; and (2) the Separate Contractors, if any, and any of their subcontractors, sub-subcontractors, agents, and employees, for damages caused by fire, or other causes of loss, to the extent those losses are covered by property insurance required by the Agreement or other property insurance applicable to the Project, except such rights as they have to proceeds of such insurance. The Owner or Contractor, as appropriate, shall require similar written waivers in favor of the individuals and entities identified above from the Separate Contractors, subcontractors, and sub-subcontractors. The policies of insurance purchased and maintained by each person or entity agreeing to waive claims pursuant to this section 11.3.1 shall not prohibit this waiver of subrogation. This waiver of subrogation shall be effective as to a person or entity (1) even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, (2) even though that person or entity did not pay the insurance premium directly or indirectly, or (3) whether or not the person or entity had an insurable interest in the damaged property.

**§ 11.3.2** If during the Project construction period the Owner insures properties, real or personal or both, at or adjacent to the site by property insurance under policies separate from those insuring the Project, or if after final payment property insurance is to be provided on the completed Project through a policy or policies other than those insuring the Project during the construction period, to the extent permissible by such policies, the Owner waives all rights in accordance with the terms of Section 11.3.1 for damages caused by fire or other causes of loss covered by this separate property insurance.

### **§ 11.4 Loss of Use, Business Interruption, and Delay in Completion Insurance**

The Owner, at the Owner's option, may purchase and maintain insurance that will protect the Owner against loss of use of the Owner's property, or the inability to conduct normal operations, due to fire or other causes of loss. The Owner waives all rights of action against the Contractor and Architect for loss of use of the Owner's property, due to fire or other hazards however caused.

### **§ 11.5 Adjustment and Settlement of Insured Loss**

**§ 11.5.1** A loss insured under the property insurance required by the Agreement shall be adjusted by the Owner as fiduciary and made payable to the Owner as fiduciary for the insureds, as their interests may appear, subject to requirements of any applicable mortgagee clause and of Section 11.5.2. The Owner shall pay the Architect and Contractor their just shares of insurance proceeds received by the Owner, and by appropriate agreements the Architect and Contractor shall make payments to their consultants and Subcontractors in similar manner.

**§ 11.5.2** Prior to settlement of an insured loss, the Owner shall notify the Contractor of the terms of the proposed settlement as well as the proposed allocation of the insurance proceeds. The Contractor shall have 14 days from receipt of notice to object to the proposed settlement or allocation of the proceeds. If the Contractor does not object, the Owner shall settle the loss and the Contractor shall be bound by the settlement and allocation. Upon receipt, the Owner shall deposit the insurance proceeds in a separate account and make the appropriate distributions. Thereafter, if no other agreement is made or the Owner does not terminate the Contract for convenience, the Owner and Contractor shall execute a Change Order for reconstruction of the damaged or destroyed Work in the amount allocated for that purpose. If the Contractor timely objects to either the terms of the proposed settlement or the allocation of the proceeds, the Owner may proceed to settle the insured loss, and any dispute between the Owner and Contractor arising out of the settlement or allocation of the proceeds shall be resolved pursuant to Article 15. Pending resolution of any dispute, the Owner may issue a Construction Change Directive for the reconstruction of the damaged or destroyed Work.

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## **ARTICLE 12 UNCOVERING AND CORRECTION OF WORK**

### **§ 12.1 Uncovering of Work**

**§ 12.1.1** If a portion of the Work is covered contrary to the Architect's request or to requirements specifically expressed in the Contract Documents, it must, if requested in writing by the Architect, be uncovered for the Architect's examination and be replaced at the Contractor's expense without change in the Contract Time.

**§ 12.1.2** If a portion of the Work has been covered that the Architect or Owner has not specifically requested to examine prior to its being covered, the Architect or Owner may request to see such Work and it shall be uncovered by the Contractor. If such Work is in accordance with the Contract Documents, the Contractor shall be entitled to an equitable adjustment to the Contract Sum and Contract Time as may be appropriate. If such Work is not in accordance with the Contract Documents, the costs of uncovering the Work, and the cost of correction, shall be at the Contractor's expense.

### **§ 12.2 Correction of Work**

#### **§ 12.2.1 Before Substantial Completion**

The Contractor shall promptly correct Work rejected by the Architect or failing to conform to the requirements of the Contract Documents, discovered before Substantial Completion and whether or not fabricated, installed or completed. Costs of correcting such rejected Work, including additional testing and inspections, the cost of uncovering and replacement, and compensation for the Architect's services and expenses made necessary thereby, shall be at the Contractor's expense.

#### **§ 12.2.2 After Substantial Completion**

**§ 12.2.2.1** In addition to the Contractor's obligations under Section 3.5, if, within one year after the date of Substantial Completion of the Work or designated portion thereof or after the date for commencement of warranties established under Section 9.9.1, or by terms of any applicable special warranty required by the Contract Documents, any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of notice from the Owner to do so, unless the Owner has previously given the Contractor a written acceptance of such condition. The Owner shall give such notice of any discovered deficiencies promptly after discovery of the condition. If the Contractor fails to correct nonconforming Work within a reasonable time during that period after receipt of notice from the Owner or Architect, the Owner may correct it in accordance with Section 2.5.

**§ 12.2.2.2** The one-year period for correction of Work shall be extended with respect to portions of Work first performed after Substantial Completion by the period of time between Substantial Completion and the actual completion of that portion of the Work.

**§ 12.2.2.3** The one-year period for correction of Work shall not be extended by corrective Work performed by the Contractor pursuant to this Section 12.2.

**§ 12.2.3** The Contractor shall remove from the site portions of the Work that are not in accordance with the requirements of the Contract Documents and are neither corrected by the Contractor nor accepted by the Owner.

**§ 12.2.4** The Contractor shall bear the cost of correcting destroyed or damaged construction of the Owner or Separate Contractors, whether completed or partially completed, caused by the Contractor's correction or removal of Work that is not in accordance with the requirements of the Contract Documents.

**§ 12.2.5** Nothing contained in this Section 12.2 shall be construed to establish a period of limitation with respect to other obligations the Contractor has under the Contract Documents. Establishment of the one-year period for correction of Work as described in Section 12.2.2 relates only to the specific obligation of the Contractor to correct the Work, and has no relationship to the time within which the obligation to comply with the Contract Documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to the Contractor's obligations other than specifically to correct the Work.

### **§ 12.3 Acceptance of Nonconforming Work**

If the Owner prefers to accept Work that is not in accordance with the requirements of the Contract Documents, the Owner may do so instead of requiring its removal and correction, in which case the Contract Sum will be reduced as appropriate and equitable. Such adjustment shall be effected whether or not final payment has been made.

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## ARTICLE 13 MISCELLANEOUS PROVISIONS

### § 13.1 Governing Law

The Contract shall be governed by the law of the place where the Project is located, excluding that jurisdiction's choice of law rules. If the parties have selected arbitration as the method of binding dispute resolution, the Federal Arbitration Act shall govern Section 15.4.

### § 13.2 Successors and Assigns

§ 13.2.1 The Owner and Contractor respectively bind themselves, their partners, successors, assigns, and legal representatives to covenants, agreements, and obligations contained in the Contract Documents. Except as provided in Section 13.2.2, neither party to the Contract shall assign the Contract as a whole without written consent of the other. If either party attempts to make an assignment without such consent, that party shall nevertheless remain legally responsible for all obligations under the Contract.

§ 13.2.2 The Owner may, with consent of the Contractor, which shall not be unreasonable withheld, assign the Contract to a lender providing construction financing for the Project, if the lender assumes the Owner's rights and obligations under the Contract Documents. The Contractor shall execute all consents reasonably required to facilitate the assignment.

### § 13.3 Rights and Remedies

§ 13.3.1 Duties and obligations imposed by the Contract Documents and rights and remedies available thereunder shall be in addition to and not a limitation of duties, obligations, rights, and remedies otherwise imposed or available by law.

§ 13.3.2 No action or failure to act by the Owner, Architect, or Contractor shall constitute a waiver of a right or duty afforded them under the Contract, nor shall such action or failure to act constitute approval of or acquiescence in a breach thereunder, except as may be specifically agreed upon in writing.

### § 13.4 Tests and Inspections

§ 13.4.1 Tests, inspections, and approvals of portions of the Work shall be made as required by the Contract Documents and by applicable laws, statutes, ordinances, codes, rules, and regulations or lawful orders of public authorities. Unless otherwise provided, the Contractor shall make arrangements for such tests, inspections, and approvals with an independent testing laboratory or entity acceptable to the Owner, or with the appropriate public authority, and shall bear all related costs of tests, inspections, and approvals. The Contractor shall give the Architect timely notice of when and where tests and inspections are to be made so that the Architect may be present for such procedures. The Owner shall bear costs of tests, inspections, or approvals that do not become requirements until after bids are received or negotiations concluded. The Owner shall directly arrange and pay for tests, inspections, or approvals where building codes or applicable laws or regulations so require.

§ 13.4.2 If the Architect, Owner, or public authorities having jurisdiction determine that portions of the Work require additional testing, inspection, or approval not included under Section 13.4.1, the Architect will, upon written authorization from the Owner, instruct the Contractor to make arrangements for such additional testing, inspection, or approval, by an entity acceptable to the Owner, and the Contractor shall give timely notice to the Architect of when and where tests and inspections are to be made so that the Architect may be present for such procedures. Such costs, except as provided in Section 13.4.3, shall be at the Owner's expense.

§ 13.4.3 If procedures for testing, inspection, or approval under Sections 13.4.1 and 13.4.2 reveal failure of the portions of the Work to comply with requirements established by the Contract Documents, all costs made necessary by such failure, including those of repeated procedures and compensation for the Architect's services and expenses, shall be at the Contractor's expense.

§ 13.4.4 Required certificates of testing, inspection, or approval shall, unless otherwise required by the Contract Documents, be secured by the Contractor and promptly delivered to the Architect.

§ 13.4.5 If the Architect is to observe tests, inspections, or approvals required by the Contract Documents, the Architect will do so promptly and, where practicable, at the normal place of testing.

§ 13.4.6 Tests or inspections conducted pursuant to the Contract Documents shall be made promptly to avoid unreasonable delay in the Work.

#### § 13.5 Interest

Payments due and unpaid under the Contract Documents shall bear interest from the date payment is due at the rate the parties agree upon in writing or, in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.

#### § 13.6 STANDARD OF CARE

§ 13.6.1 The Contractor shall perform all work and other obligations to be performed hereunder with the highest degree of care and skill, consistent with the degree of care and skill exercised by the finest qualified contractor in the construction industry and further consistent with the desire of Owner to construct first-class facilities. The Contractor further agrees to immediately advise Owner of any change or other impediment which might affect the Contractor's ability to perform the work within the time periods required to achieve the efficient construction of the Project.

#### § 13.7 CONTRACT RELATIONS

§ 13.7.1 Nothing contained herein or in any purchase order or subcontract entered into by Contractor shall create any contractual relation between the Owner or Architect and any subcontractor or supplier performing work on or supplying materials for any project undertaken under this Agreement.

### ARTICLE 14 TERMINATION OR SUSPENSION OF THE CONTRACT

#### § 14.1 Termination by the Contractor

§ 14.1.1 The Contractor may terminate the Contract if the Work is stopped for a period of 30 consecutive days through no act or fault of the Contractor, a Subcontractor, a Sub-subcontractor, their agents or employees, or any other persons or entities performing portions of the Work, for any of the following reasons:

- .1 Issuance of an order of a court or other public authority having jurisdiction that requires all Work to be stopped;
- .2 An act of government, such as a declaration of national emergency, that requires all Work to be stopped;
- .3 Because the Architect has not issued a Certificate for Payment and has not notified the Contractor of the reason for withholding certification as provided in Section 9.4.1, or because the Owner has not made payment on a Certificate for Payment within the time stated in the Contract Documents; or
- .4 The Owner has failed to furnish to the Contractor reasonable evidence as required by Section 2.2.

§ 14.1.2 The Contractor may terminate the Contract if, through no act or fault of the Contractor, a Subcontractor, a Sub-subcontractor, their agents or employees, or any other persons or entities performing portions of the Work, repeated suspensions, delays, or interruptions of the entire Work by the Owner as described in Section 14.3, constitute in the aggregate more than 100 percent of the total number of days scheduled for completion, or 120 days in any 365-day period, whichever is less.

§ 14.1.3 If one of the reasons described in Section 14.1.1 or 14.1.2 exists, the Contractor may, upon seven days' notice to the Owner and Architect, terminate the Contract and recover from the Owner payment for Work executed, as well as reasonable overhead and profit on Work not executed, and costs incurred by reason of such termination. However, Contractor shall not be entitled to recover anticipatory profit related to Work not performed.

§ 14.1.4 If the Work is stopped for a period of 60 consecutive days through no act or fault of the Contractor, a Subcontractor, a Sub-subcontractor, or their agents or employees or any other persons or entities performing portions of the Work because the Owner has repeatedly failed to fulfill the Owner's obligations under the Contract Documents with respect to matters important to the progress of the Work, the Contractor may, upon seven additional days' notice to the Owner and the Architect, terminate the Contract and recover from the Owner as provided in Section 14.1.3.

#### § 14.2 Termination by the Owner for Cause

§ 14.2.1 The Owner may terminate the Contract if the Contractor

- .1 repeatedly refuses or fails to supply enough properly skilled workers or proper materials;
- .2 fails to make payment to Subcontractors or suppliers in accordance with the respective agreements between the Contractor and the Subcontractors or suppliers;

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- .3 repeatedly disregards applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of a public authority; or
- .4 otherwise is guilty of substantial breach of a provision of the Contract Documents.

§ 14.2.2 When any of the reasons described in Section 14.2.1 exist, and upon certification by the Architect that sufficient cause exists to justify such action, the Owner may, without prejudice to any other rights or remedies of the Owner and after giving the Contractor and the Contractor's surety, if any, seven days' notice, terminate employment of the Contractor and may, subject to any prior rights of the surety:

- .1 Exclude the Contractor from the site and take possession of all materials, equipment, tools, and construction equipment and machinery thereon owned by the Contractor;
- .2 Accept assignment of subcontracts pursuant to Section 5.4; and
- .3 Finish the Work by whatever reasonable method the Owner may deem expedient. Upon written request of the Contractor, the Owner shall furnish to the Contractor a detailed accounting of the costs incurred by the Owner in finishing the Work.

§ 14.2.3 When the Owner terminates the Contract for one of the reasons stated in Section 14.2.1, the Contractor shall not be entitled to receive further payment until the Work is finished.

§ 14.2.4 If the unpaid balance of the Contract Sum exceeds costs of finishing the Work and other damages incurred by the Owner and not expressly waived, such excess shall be paid to the Contractor, but only to the extent of Contractor's incurred costs and earned fee, and Contractor's share of any savings generated from the initial project buyout. If such costs and damages exceed the unpaid balance, the Contractor shall pay the difference to the Owner.

#### § 14.3 Suspension by the Owner for Convenience

§ 14.3.1 The Owner may, without cause, order the Contractor in writing to suspend, delay or interrupt the Work, in whole or in part for such period of time as the Owner may determine.

§ 14.3.2 The Contract Sum and Contract Time shall be adjusted for increases in the cost and time caused by suspension, delay, or interruption under Section 14.3.1. Adjustment of the Contract Sum shall include profit. No adjustment shall be made to the extent

- .1 that performance is, was, or would have been, so suspended, delayed, or interrupted, by another cause for which the Contractor is responsible; or
- .2 that an equitable adjustment is made or denied under another provision of the Contract.

#### § 14.4 Termination by the Owner for Convenience

§ 14.4.1 The Owner may, at any time, terminate the Contract for the Owner's convenience and without cause.

§ 14.4.2 Upon receipt of notice from the Owner of such termination for the Owner's convenience, the Contractor shall

- .1 cease operations as directed by the Owner in the notice;
- .2 take actions necessary, or that the Owner may direct, for the protection and preservation of the Work; and
- .3 except for Work directed to be performed prior to the effective date of termination stated in the notice, terminate all existing subcontracts and purchase orders and enter into no further subcontracts and purchase orders.

§ 14.4.3 In case of such termination for the Owner's convenience, the Owner shall pay the Contractor for Work properly executed; and costs incurred by reason of the termination, including committed costs for which the Contractor cannot reasonably cancel such commitment.

### ARTICLE 15 CLAIMS AND DISPUTES

#### § 15.1 Claims

##### § 15.1.1 Definition

A Claim is a demand or assertion by one of the parties seeking, as a matter of right, payment of money, a change in the Contract Time, or other relief with respect to the terms of the Contract. The term "Claim" also includes other disputes and matters in question between the Owner and Contractor arising out of or relating to the Contract. The responsibility to substantiate Claims shall rest with the party making the Claim. This Section 15.1.1 does not require the Owner to file a Claim in order to impose liquidated damages in accordance with the Contract Documents.

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### **§ 15.1.2 Time Limits on Claims**

The Owner and Contractor shall commence all Claims and causes of action against the other and arising out of or related to the Contract, whether in contract, tort, breach of warranty or otherwise, in accordance with the requirements of the binding dispute resolution method selected in the Agreement and within the period specified by applicable law.

### **§ 15.1.3 Notice of Claims**

#### **§ 15.1.3.1**

Claims by the Contractor must be initiated by written notice to the Owner. Claims by Contractor must be initiated within fourteen (14) days after the Contractor first recognizes the condition giving rise to the Claim, whichever is later.

**§ 15.1.3.2** Claims by either the Owner or Contractor, where the condition giving rise to the Claim is first discovered after expiration of the period for correction of the Work set forth in Section 12.2.2, shall be initiated by notice to the other party. In such event, no decision by the Initial Decision Maker is required.

### **§ 15.1.4 Continuing Contract Performance**

**§ 15.1.4.1** Pending final resolution of a Claim, except as otherwise agreed in writing or as provided in Section 9.7 and Article 14, the Contractor shall proceed diligently with performance of the Contract and the Owner shall continue to make payments in accordance with the Contract Documents for all non-disputed Work.

**§ 15.1.4.2** The Contract Sum and Contract Time shall be adjusted in accordance with the Initial Decision Maker's decision, subject to the right of either party to proceed in accordance with this Article 15. The Architect will issue Certificates for Payment in accordance with the decision of the Initial Decision Maker.

### **§ 15.1.5 Claims for Additional Cost**

If the Contractor wishes to make a Claim for an increase in the Contract Sum, notice as provided in Section 15.1.3 shall be given before proceeding to execute the portion of the Work that is the subject of the Claim. Prior notice is not required for Claims relating to an emergency endangering life or property arising under Section 10.4. No alteration or change or extra or additional work shall be performed by Contractor except upon the written order of Owner. If no additional money or time (under 15.1.4) is requested by Contractor within fourteen (14) days following notice of any proposed change or extra work or additional work, then no additional money or time shall be due Contractor.

### **§ 15.1.6 Claims for Additional Time**

**§ 15.1.6.1** If the Contractor wishes to make a Claim for an increase in the Contract Time, notice as provided in Section 15.1.3 shall be given. The Contractor's Claim shall include an estimate of cost and of probable effect of delay on progress of the Work. In the case of a continuing delay, only one Claim is necessary.

**§ 15.1.6.2** If adverse weather conditions are the basis for a Claim for additional time, such Claim shall be documented by data substantiating that weather conditions were abnormal for the period of time, could not have been reasonably anticipated, and had an adverse effect on the scheduled construction.

*(Paragraphs deleted)*

### **§ 15.1.7 Limited Waiver of Claims for Consequential Damages**

The Owner agrees to limit Claims against the Contractor for consequential damages arising out of or relating to this Contract. In no event shall the amount of aggregate claims by Owner and Contractor for consequential damages exceed 2.45% of the Cost of the Work (or equal to the Contractor's Construction Phase Fee). This limitation applies to damages incurred by the Owner for rental expenses, for losses of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or of the services of such persons.

### **§ 15.2 Initial Decision**

**§ 15.2.1** Claims, excluding those where the condition giving rise to the Claim is first discovered after expiration of the period for correction of the Work set forth in Section 12.2.2 or arising under Sections 10.3, 10.4, and 11.5, shall be referred to the Initial Decision Maker for initial decision. The Architect will serve as the Initial Decision Maker, unless otherwise indicated in the Agreement. Except for those Claims excluded by this Section 15.2.1, an initial decision shall be required as a condition precedent to mediation of any Claim. If an initial decision has not been rendered within 30 days after the Claim has been referred to the Initial Decision Maker, the party asserting the Claim may demand mediation and binding dispute resolution without a decision having been rendered. Unless the Initial Decision Maker

and all affected parties agree, the Initial Decision Maker will not decide disputes between the Contractor and persons or entities other than the Owner.

**§ 15.2.2** The Initial Decision Maker will review Claims and within ten days of the receipt of a Claim take one or more of the following actions: (1) request additional supporting data from the claimant or a response with supporting data from the other party, (2) reject the Claim in whole or in part, (3) approve the Claim, (4) suggest a compromise, or (5) advise the parties that the Initial Decision Maker is unable to resolve the Claim if the Initial Decision Maker lacks sufficient information to evaluate the merits of the Claim or if the Initial Decision Maker concludes that, in the Initial Decision Maker's sole discretion, it would be inappropriate for the Initial Decision Maker to resolve the Claim.

**§ 15.2.3** In evaluating Claims, the Initial Decision Maker may, but shall not be obligated to, consult with or seek information from either party or from persons with special knowledge or expertise who may assist the Initial Decision Maker in rendering a decision. The Initial Decision Maker may request the Owner to authorize retention of such persons at the Owner's expense.

**§ 15.2.4** If the Initial Decision Maker requests a party to provide a response to a Claim or to furnish additional supporting data, such party shall respond, within ten days after receipt of the request, and shall either (1) provide a response on the requested supporting data, (2) advise the Initial Decision Maker when the response or supporting data will be furnished, or (3) advise the Initial Decision Maker that no supporting data will be furnished. Upon receipt of the response or supporting data, if any, the Initial Decision Maker will either reject or approve the Claim in whole or in part.

**§ 15.2.5** The Initial Decision Maker will render an initial decision approving or rejecting the Claim, or indicating that the Initial Decision Maker is unable to resolve the Claim. This initial decision shall (1) be in writing; (2) state the reasons therefor; and (3) notify the parties and the Architect, if the Architect is not serving as the Initial Decision Maker, of any change in the Contract Sum or Contract Time or both. The initial decision shall be final and binding on the parties but subject to mediation and, if the parties fail to resolve their dispute through mediation, to binding dispute resolution.

**§ 15.2.6** Either party may file for mediation of an initial decision at any time, subject to the terms of Section 15.2.6.1.

**§ 15.2.6.1** Either party may, within 30 days from the date of receipt of an initial decision, demand in writing that the other party file for mediation. If such a demand is made and the party receiving the demand fails to file for mediation within 30 days after receipt thereof, then both parties waive their rights to mediate or pursue binding dispute resolution proceedings with respect to the initial decision.

**§ 15.2.7** In the event of a Claim against the Contractor, the Owner may, but is not obligated to, notify the surety, if any, of the nature and amount of the Claim. If the Claim relates to a possibility of a Contractor's default, the Owner may, but is not obligated to, notify the surety and request the surety's assistance in resolving the controversy.

**§ 15.2.8** If a Claim relates to or is the subject of a mechanic's lien, the party asserting such Claim may proceed in accordance with applicable law to comply with the lien notice or filing deadlines.

### **§ 15.3 Mediation**

**§ 15.3.1** Claims, disputes, or other matters in controversy arising out of or related to the Contract, except those waived as provided for in Sections 9.10.4, 9.10.5, and 15.1.7, shall be subject to mediation as a condition precedent to binding dispute resolution.

**§ 15.3.2** The parties shall endeavor to resolve their Claims by mediation which, unless the parties mutually agree otherwise, shall be administered by the American Arbitration Association in accordance with its Construction Industry Mediation Procedures in effect on the date of the Agreement. A request for mediation shall be made in writing, delivered to the other party to the Contract, and filed with the person or entity administering the mediation. The request may be made concurrently with the filing of binding dispute resolution proceedings but, in such event, mediation shall proceed in advance of binding dispute resolution proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order.

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§ 15.3.3 Either party may, within 30 days from the date that mediation has been concluded without resolution of the dispute or 60 days after mediation has been demanded without resolution of the dispute, demand in writing that the other party file for binding dispute resolution. If such a demand is made and the party receiving the demand fails to file for binding dispute resolution within 60 days after receipt thereof, then both parties waive their rights to binding dispute resolution proceedings with respect to the initial decision.

§ 15.3.4 The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

*(Paragraphs deleted)*

EXHIBIT B

**City of Lawrence Police Facility**

PRE AWARD CLARIFICATION DOCUMENT

Prepared By: Turner Construction

November 7<sup>th</sup>, 2018

## EXHIBIT B

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# EXHIBIT B

## SECTION 1 – MILESTONE SCHEDULE

- A high level project schedule identifying major milestones, deliverables, and client actions (i.e. no more than 15-25 items – this schedule should fit on one page)

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	2019				2020				2021	
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	
<b>Lawrence Police Department</b>															
<b>Lawrence Police Department</b>															
<b>Milestones</b>															
A4130	GMP ESTABLISHED	0	0		29-Jul-19										
A4140	PERMIT OBTAINED	0	0		06-Aug-19										
A4150	BUILDING DRY IN	0	0		13-Mar-20										
A4160	SUBSTANTIAL COMPLETION	0	0		28-Jul-20										
A4170	BUILDING GO-LIVE	0	0		11-Aug-20										
<b>Preconstruction</b>															
A4100	SCHEMATIC DESIGN	40	40	12-Nov-18*	11-Jan-19										
A4180	DESIGN DEVELOPMENT	35	35	14-Jan-19	01-Mar-19										
A4190	CITY PROGRESS	62	62	21-Jan-19	16-Apr-19										
A4200	50% CONSTRUCTION DOCUMENTS	35	35	04-Mar-19	19-Apr-19										
A4210	90% CONSTRUCTION DOCUMENTS	34	34	22-Apr-19	07-Jun-19										
A4220	100% CONSTRUCTION DOCUMENTS	15	15	10-Jun-19	28-Jun-19										
A4230	PERMIT PROCESS	26	26	01-Jul-19	06-Aug-19										
<b>Purchasing</b>															
A4240	50% CD PACKAGES	15	15	22-Apr-19	10-May-19										
A4250	ENVELOPE PACKAGES	10	10	10-Jun-19	21-Jun-19										
A4260	INTERIOR & MEP PACKAGES	22	22	01-Jul-19	31-Jul-19										
<b>Construction</b>															
<b>Grading &amp; Site Utilities</b>															
A4270	CLEAR & GRUB	15	15	07-Aug-19	27-Aug-19										
A4280	SITE BALANCE	14	14	28-Aug-19	17-Sep-19										
A4290	STORM & SANITARY UTILITIES	14	14	18-Sep-19	07-Oct-19										
A4300	BUILDING PAD CONSTRUCTION	4	4	18-Sep-19	23-Sep-19										
<b>Structure</b>															
A4310	FOUNDATIONS	12	12	08-Oct-19	23-Oct-19										
A4320	UNDERSLAB ROUGH IN	10	10	24-Oct-19	06-Nov-19										
A4330	SLAB ON GRADE	13	13	07-Nov-19	27-Nov-19										
A4340	STRUCTURAL STEEL	29	29	28-Nov-19	10-Jan-20										
<b>Building Envelope</b>															
A4350	EXTERIOR FRAMING & CLADDING	25	25	13-Jan-20	14-Feb-20										
A4360	ROOFING	10	10	17-Feb-20	28-Feb-20										
A4370	GLASS & GLAZING	20	20	17-Feb-20	13-Mar-20										
<b>Tenant Improvements</b>															
A4380	OVERHEAD ROUGH IN	35	35	17-Feb-20	03-Apr-20										
A4390	INTERIOR FRAMING & WALL ROUGH	32	32	02-Mar-20	14-Apr-20										
A4400	DRYWALL	25	25	15-Apr-20	19-May-20										
A4410	WALL FINISHES	14	14	20-May-20	09-Jun-20										
A4420	CEILING FINISHES	15	15	10-Jun-20	30-Jun-20										
A4430	FLOOR FINISHES	20	20	01-Jul-20	28-Jul-20										
<b>Site Improvements</b>															
A4440	FINAL GRADING	5	5	16-Mar-20	20-Mar-20										

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	2019				2020				2021	
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	
A4450	SITE ELECTRICAL	10	10	23-Mar-20	03-Apr-20										
A4460	HARDSCAPES & PAVING	20	20	06-Apr-20	01-May-20										
A4470	LANDSCAPING	15	15	04-May-20	22-May-20										
<b>Turnover</b>															
A4480	COMMISSIONING	20	20	01-Jul-20	28-Jul-20										
A4490	PUNCHLIST	10	10	29-Jul-20	11-Aug-20										

Thru city commission site plan approval in April.  
 Lawrence is creating Land Disturbance Permit.  
 City is okay with 90% GMP established. Avoid change orders.  
 City Council approval on change orders required on anything over \$50,000, with change on each after that \$50,000.  
 Total City contingency is \$500,000.  
 City wants to know schedule timeframe for Alternate Park grading. – Price as an alternate in the project. No added GC's as long as work happens during construction of the PD facility.

## EXHIBIT B

### SECTION 2 – EXECUTION METHODOLOGY

During Pre-Award Clarification, the intent is to expand upon the Execution Methodology section of the proposal to describe the major project phases, activities, and deliverables (along with anticipated timelines and sequencing).

Our Execution Methodology for the Lawrence Police Department consists of four primary activities:

1. Preconstruction (December 18-July 19)
2. Purchasing/Bidding (June - July 19)
3. Establish GMP (June-July 19)
4. Construction (August 19-August 20) Preconstruction:

#### **Target Value Design Budget:**

Develop tailored design solutions while working with HWA, keeping the proposed budget at the top-of-our mind. Cost Models will be developed with these design concept options, thus allowing the City to make informed decisions.

We plan to accomplish this thru the following methods:

- Break the project down into major components of the job
- Work together to establish the best design, constructability, material selection, and coordination of each of the major components of the project. The major change to traditional preconstruction is that the focus is on discussing solutions before they show up on drawings rather than resolving them afterwards.
- The budget associated with each component is tracked and graphed

#### **Continuous Cost Estimates & Budget Control:**

During Preconstruction, we are continuously working on estimates, and managing the budget by using a Budget Control Report that tracks any deviations in design that have a cost impact, including value-engineering initiatives. We understand the importance of establishing base line cost estimates that the team will be able to rely on through the life of the project. We plan to accomplish this thru the following methods:

- Regular validation of the budget with the Design, ensuring that budget deviations are promptly identified, and solutions created.
- Total Project budget updates at each Design Milestone, with more frequent special studies to insure best value of each design decision
- Monthly Updates including budget reviews, early bid package awards, and other pertinent financial and progress information.

#### **Purchasing / Bidding**

1. During Preconstruction, our team is continuously developing scopes of work for the project for use at bidding time. We do not just send out HWA's drawings hoping the subcontractors bid it correctly; we tailor the trade packages for this Police Facility to ensure we are covering all of the details of the project. We plan to accomplish this thru the following methods:

- Engage subcontractors during the estimating phase for accuracy, and to generate bidding interest in the local market
- Develop scopes of work at the 50% drawing stage
- Phase the packages in order of priority, starting with Excavation, Utilities, Foundations, Structural Steel with the remaining packages to follow

Clarification Question: When & how cost estimates will occur during preconstruction? How will Turner & their Preconstruction manager provide real-time input during design meetings?

- During interviews, the PM stated something similar to the proposal and the Precon Manager talked about not having much info until the subs are contacted at 50% CD. Turner will be getting

## EXHIBIT B

subcontractor input thru the process, along with using our historical pricing of previous similar projects to validate the estimates. We constantly compare our initial estimate, and validate with subcontractor and market input.

### 2. Purchasing

- Release early bid packages as necessary with the owner's approval
- Collect a minimum of three bids for each scope of work
- Once bids are compared and leveled, we will review with the Police Department/City, and propose our selected subcontractor for the City's approval
- **Turner open book policy.**

### 3. Subcontractor Selection Process

- Publish this project in the community, and hold a pre-bid conference discussing the project, while engaging local subcontractors for this project.
- We use a pre-qualification process for subcontractors to be able to bid this project, and review their financials, workload, manpower, safety record, and history.

### **GMP (Guaranteed Maximum Price):**

- We plan to establish the GMP once we receive the 90% set of drawings, from the 90% to 100% drawings there should not be added scope, but just more detail. This process should take approximately three to four weeks
- Once completed, the GMP will be reviewed with the project team for accuracy and approval. Once approved, construction can commence.
- **City reviewing savings participation as part of this GMP contract at Turner's suggestion. "Best steward of project budget". City has used savings participation in the past.**

### **Construction**

1. For the 12-month construction phase, we have developed a project logistics plan. Execution of this plan will lay the foundation for a safe project.
  - Limits of construction will be maintained with perimeter fencing. We propose to establish two gates along Overland Drive and stay off Wakarusa Drive.
  - We want to limit the burden of our construction activity on our neighbors so deliveries will be scheduled around Free State School start and dismissal times.
2. Implement a proactive quality control plan. We plan to do this thru the following methods:
  - Pre-installation meetings with trade partners, inspectors, HWA, and their consultants
  - Submittals, RFI's, and project documents will be reviewed thoroughly for accuracy and coordination
  - We will perform inspections of deliveries and completed work throughout this project

We have created a milestone schedule for the project. Here are the six major milestones, which are key to the successful completion of this Police Station.

- Grading and Site Utilities - Important to "get out of the ground" and get past the risk of unforeseen subsurface conditions.
- Structure – Long lead steel is complete, and reduces risk of major changes. This releases building envelope trades to begin work.
- Building Envelope – We have achieved dry-in from weather. This reduces the overall safety risks. Allow drywall and mechanical work to commence. We can now establish permanent power.
- Building Interiors – Startup of HVAC systems can commence.
- Site Work – We can complete the final asphalt course of parking lot and reduce stormwater management risks.
- Commissioning and Inspections – Final step in completion of a successful project.



## EXHIBIT B

### **SECTION 3 – SCOPE CLARIFICATION & PROPOSAL ASSUMPTIONS**

During Pre-Award Clarification, the intent is to have a clear understanding of all assumptions contained within the Contractor's proposal. The Client requests a transparent review of major assumptions and description of items that Contractor considers to be "in vs. out" of the scope.

1. We reserve the right to negotiate mutually agreeable contract terms.
2. We assume the cost for Subcontractor Insurances is part of the "Direct Cost" of the work, and have not included this in our General Conditions.
3. Dumpsters, temporary toilets, drinking water, and electricity are included in our General Conditions for the CM staff and jobsite office trailer only.
4. Crane erection/rental will be bid competitively with the Subcontractor bid packages, based upon the final drawings and structural design. We have not included this in our General Conditions.
5. Our General Conditions proposal includes secured chain-link fence along Overland Drive and Wakarusa Drive (South and East boundaries), and orange snow fencing along the North and West site perimeter. We would like to meet with you to discuss and confirm or adjust this plan to meet the needs of the City and Police Department.
6. Our proposal assumes an accelerated schedule, with an early release package for sitework/foundations and steel structure in order to avoid winter weather delays/costs.

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### SECTION 4 – RISK MANAGEMENT PLAN

#### **Risk 1:** Safety during construction

**Why is it a Risk?:** Without proper safety measures, a construction tradesperson, project team member, or member of the public can be injured.

**Solution:** Put together a project specific safety plan identifying hazards, and providing a detailed plan for all members of the project to follow. This will keep people in the neighborhood adjacent, at Freestate, and other public safe.

This will be done through the following:

- Project specific safety plan detailing the major risks and how to address them
- Implement 100% compliance for personal protective equipment on site
- Safety orientation onsite for all employees working on the project
- Proper safety signage to keep workers and public safe at all times
- Secured fencing to keep the public out of work zones
- Onsite safety manager to help guide the team and be an asset to the subcontractors
- A comprehensive safety culture which establishes openness, communication, and coaching. A culture of “Be your brother’s keeper” and look out for safety hazards for one another.
- Encouraging safe behaviors through positive reinforcement

#### **Risk 2:** Neighborhood Impact

**Why is it a Risk?** Construction will have an impact on the surrounding community including Walmart, Freestate Highschool, and the neighborhoods to the West and North. If not managed properly, this impact could become burdensome and negatively affect the perception of the project and its major stakeholders.

**Owner Clarification :** We will need to set time restraints on when large deliveries will be made related to Free State school start and end of day. 0805 & 1505 most days and 0900 & 215 (we think) on Wednesdays. Turner can accommodate this, and will study traffic to determine best delivery routes. Also consider major loud excavation start at 8am to not disturb the neighborhoods at recommendation of the city.

**Solution:** Implement a detailed project logistics plan with input from the City, Police Department, neighborhood and adjacent businesses. Visually communicate this plan to all parties involved. The plan should be specific about truck routes for construction, periods that are allowed/disallowed for deliveries, important rules and guidelines, and contact information for the responsible individuals on the Construction Management team. This document will become a part of every Subcontract and will be strictly adhered to throughout the duration of the project.

#### **Risk 3:** At Completion of design, project bids come in over budget.

**Why is it a Risk?:** Potential re-design effort, need for additional funds, delay the project start.

**Solution:** Select a Construction Management team that has prior and recent experience with this type of facility, has knowledge and relationships in this market, and an experienced and sophisticated preconstruction staff. Utilizing our high quality team, we would recommend a formal project estimate update at each of the following milestones:

## EXHIBIT B

- Initial estimate at early Concept Design
- Schematic Design Estimate
- Design Development Estimate
- 50% Drawings Estimate
- 90% drawings GMP
- Subcontractor input on major packages should start around 50% documents or sooner.

These milestones are in addition to full engagement with CMAR and HWA on a daily basis, including special studies to help determine best value on a micro-level (such as selecting an exterior wall finish).

### **Risk 4:** Quality Issues

**Why is it a Risk?:** Absent of a stringent and robust quality control program, projects are at risk for defective work, water leaks, and general poor quality.

**Solution:** Implement a proactive (in lieu of reactive) quality control program, to include the following.

- Subcontractor prequalification to ensure only high quality firms are working on the project
- Thorough pre-construction meetings with each Subcontractor to review approved drawings, material submittals/specifications, installation procedures and site-specific requirements. This meeting should include HWA and their applicable consultants.
- Inspect material deliveries when they arrive at the jobsite to confirm they match the specifications and approved samples.
- Perform a “first work” inspection for the first major installation of each subcontractor. This will catch issues very early in the process and avoid major re-work or tear out if deficiencies are identified.
- Regular inspections as the work continues.
- Third party building envelope consultant to insure a water-tight and efficient building envelope.

### **Risk 5:** Project Schedule Over-run

**Why is it a Risk?:** Not meeting the project schedule delays the opening of the new Police Facility and affects project and operational costs for the City and team.

**Solution:** Implement the following strategies to deliver the project on time.

- Establish all critical milestones very early in the process. Include the entire project team in this process. Design deliverables, permit milestones, estimates, construction milestones, City decisions, inspection dates, commissioning, and moving dates are some of the major items which must be included.
- Collaboratively schedule the project while working backwards from each of these important milestones.
- Utilize pull-plan scheduling sessions with the City, CMAR, and HWA to map out the path to achieving a timely completion. Identify all constraints and their solutions during the course these meetings.
- Turner to provide continuous project schedule updates

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### **Non Controllable Risks:**

#### **Risk 1: Weather**

**Why is it a Risk?** Weather can play a major factor during construction, and affect construction duration and cost. Adverse weather can delay site work, concrete work, etc. causing delays in the schedule.

**Solution:** When the schedule is delayed by adverse weather, our team will work quickly to implement contingency and recovery plans. The plans will include a process for first minimizing the impact to critical path activities, and then working quickly to recover lost time. The most important part to minimizing this risk is establishing the plan before it happens. Our team will have a plan to address dewatering of excavations, storm water runoff, high winds, heavy snow, ice, and extreme heat. When adverse weather occurs, these plans will be quickly implemented by the full team to reduce the strain on the job. After the weather event, strategies to overcome the impact to the schedule will be implemented. This could include re-sequencing of work activities to maintain progress, overtime or shift-work, and increases to the labor force.

#### **Risk 2: Unforeseen Subsurface Conditions**

**Why is it a Risk?** Finding unsuitable soils, rock, underground springs, or foreign materials on the project site causes schedule delays and increase cost.

**Solution:** Perform a thorough Phase 1 environmental assessment, and an adequate amount of soil borings. The phase 1 study will tell you the history of the property, and help predict subsurface conditions. Soil borings provide a sampling of soil at boring locations and confirm/deny presence of unsuitable soils, rock, etc. It is important to make sure the borings are performed at strategic locations underneath the building pad and parking lot. If any unsuitable materials are discovered, we would develop a detailed plan to remediate the issue. Costs associated with this remediation will be planned and budgeted for early in the process, to avoid overages or unplanned expenditures.

#### **Risk 3: Competition for Labor Resources**

**Why is it a Risk?:** Current market conditions in the Kansas City Metro indicate a strained construction workforce. To make matters worse, the schedule for this project aligns with the start of the KCI Airport Project.

**Solution:** We will take the following steps to ensure the Subcontractors we select can properly staff the project to meet the schedule.

- Prequalify our subcontractors with financial and safety metrics
- Evaluate Subcontractor "Back-Log" and Commitments

## EXHIBIT B

- Utilize the local subcontracting market early in the preconstruction phase to garner interest in the project and to get this project on the “radar” of local trades
- Analyze the quantity and quality of each subcontractor’s work force, and make this metric a part of the bidding and awarding process

### **Risk 4:** Trade Tariffs/Market Fluctuation

**Why is it a Risk?** Sharp and sudden material cost fluctuations can negatively impact the budget of the project.

**Solution:** Our purchasing department will identify potential market shifts related to trade tariffs and other industry trends. This will allow us to be proactive in lieu of reactive with purchasing procedures for the Lawrence Police Facility. A recent example is a local hospital project in Kansas City we are constructing. The project was in early pre-construction at the time steel tariffs were being considered. Our team identified this early, and was able to work with the client and design team to pre-purchase structural steel prior to tariffs formally being implemented. This strategy saved the project money, and kept the schedule on track.

### **Risk 5:** Delays Associated with Utility Services

**Why is it a Risk?:** This project will require new utilities to be supplied such as electric from Westar Energy, gas from Black Hills Energy, sewer, and telephone/data. This step in the project is often overlooked or not coordinated early enough, and can lead to delays in construction activities.

**Solution:** Start coordinating as early as possible with utility companies. We would recommend a kickoff meeting with the project team, and all the utility companies involved to discuss timeframes, requirements, utility company scope versus contractor scope, and establish a plan and schedule. This will help to mitigate the risk of delays. As the Construction Manager, we will act as the city’s advocate and liaison to coordinate the utilities and right-of-ways for this Project.

### **Risk 6:** Project Permitting

**Why is it a Risk?:** Obtaining a construction permit and an approved set of construction drawings can take months for a project this size, and will often include multiple reviews. Typically, the design team will need to respond to questions about code requirements. This can sometimes result in delays and drawing changes.

**Solution:** This risk is minimized in part by the heavy involvement from the City in this project. However, there is still an important review process which must be performed. We would recommend an initial review by the city at 75% CD’s to evaluate for any code issues. Also we would recommend an early site work & foundations permit so that construction can begin while the rest of the building is being reviewed. This would allow work to start, and avoid delays due to the construction/building permit. **Planning review throughout design with preliminary submittals is recommended. Building permit fees will be waived. City can provide utilities at no cost to Turner.**

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### SECTION 5 – VALUE ASSESSMENT OPTIONS

The Client is interested to explore the Value Assessment items in more detail.

**Option 1:** Construction Supervision & Coordination for Future Park

**Description:** Our team suggests expediting the design for clearing, grading, and site work associated with the future park. If this work can be performed while our team is on site for the Police Facility, we offer to oversee and coordinate this work at no additional staff cost for field supervision. Doing this will save the City tens of thousands of dollars. In addition, if we are able to bid and award this site work with the site package for the Police Facility, the City will realize considerable savings on the subcontracted work. Grouping these together will provide cost benefits from economy of scale and enhanced efficiencies. It would also benefit the City by reducing the period with which construction traffic will be entering and exiting the area (by eliminating the “future” work, and completing within the duration of the Police project).

**Cost Impact:** Significant Savings      **Schedule Impact:** 0

**Option 2:** Total Cost of Ownership Studies

**Description:** Our team offers “Total Cost of Ownership” studies during the preconstruction process. For select systems, these studies will give the City a clear picture of the cost to purchase, install, operate, maintain and replace (life cycle costs). This helps make informed decisions regarding best long-term value, not just first-cost. This is especially valuable when analyzing HVAC systems for City owned assets, such as the Police Facility.

**Cost Impact:** Long-term savings.      **Schedule Impact:** 0  
No cost for the study.

**Option 3:** Direct Purchase of Critical Equipment and Material

**Description:** As a means to expediting schedule and managing risk associated with market shifts, our team offers direct purchase of major equipment from manufacturers. This will allow the project to purchase long lead-time items early, before drawings, specifications, and subcontractor bid packages are complete.

As a hypothetical example:

- Complete HVAC drawings and specs will be ready in 10 weeks
- Bidding and Award takes 4 weeks
- Shops drawings and submittals take 4 weeks
- Lead-time for a rooftop air-handling unit is 12 weeks
- We could be currently 7.5 months from having an Air Handling Unit on site

Alternatively:

- Work with HWA and ME Group to develop Air Handling Unit performance requirements in 2 weeks
- Bid and Award Air Handling Unit only in 2 weeks



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- Simplified Shop Drawing / Submittal Process 1 week
  - Lead-time still 12 weeks
  - We could have an air handling unit on site in 4 months – half the time!

This also gives the City more input and options for material selection, extended warranties, and total cost of ownership.

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<b>Cost Impact:</b>	Same cost as bidding with the trades packages (no impact)	<b>Schedule Impact:</b>	Reduces schedule by impacting critical path items
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**Option 4:**  
**Description:** Constructability Reviews for Drawings at Each Design Milestone

Our team offers “Constructability” reviews of the design drawings at each major milestone in the design process. As a part of these reviews, we look through the drawings and details to identify questions, conflicts, gaps, and to make recommendations for best value. We provide this service as a matter of best practice and as a second set of eyes for HWA and their consultants. It helps to minimize scope gaps, conflicts, RFI’s and Subcontractor Change Orders during construction.

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<b>Cost Impact:</b>	\$0 cost of service, Savings to the overall job	<b>Schedule Impact:</b>	Reduces schedule by minimizing RFI’s and field conflicts
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Clarification Question: The superintendent said that he was on another project until 2nd quarter of 2019. Will he be available for constructability reviews during the pre-construction phase? If the design schedule can be accelerated will he be available when this project is ready to start construction? Yes, Chris Sprecker is available as necessary. Turner to review details during design with HWA for QA and constructability.

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**Option 5:**  
**Description:** Assist with “The Big Move”

Our team offers the benefit of assisting with coordination of the move and transition, after turnover of your building. We know you have a large undertaking in front of you to consolidate and relocate equipment, people, and resources. We will keep a person on-site, at least half time, for thirty days to assist with making the transition into the new building as easy as possible. Of course, we will be on call for any questions or needs beyond that time frame. This will help quickly answer questions about how the building functions, systems, controls, operations, maintenance, etc. and allow you to focus on higher priority tasks such as keeping our City safe.

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<b>Cost Impact:</b>	\$0	<b>Schedule Impact:</b>	0
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## EXHIBIT B

### **SECTION 6 – REQUESTED CLIENT ACTIONS DURING PRE AWARD CLARIFICATION**

The Contractor must provide a list of Client Action Items requested during Pre Award Clarification.

- Requests may include Client decisions, site access, needed information, documentation to be provided, specific meetings that are needed, critical decision points, or other requested action items.
- Under “Responsible Party,” the Client intends to identify an individual person’s name who is responsible for the Action Item. That person should approve the Action Item & Agreed to Date no later than at the Summary Meeting at the end of Pre Award Clarification (before contract award)

#### **Requested Client Actions *DURING PRE-AWARD CLARIFICATION***

No	Activity / Task / Decision	Responsible Party	Agreed Upon Date
1	Contract to Turner	Melinda	11/16/18
2	E-Builder Setup.	Melinda	Post contract
3	OFOI/OFCI Items – Procedures, in vs out, JB to start list	Melinda/Anthony/Jason	Continuous
4	Setup of Roadblock Report, and Weekly Calls?	Melinda/Anthony/John/Jason	Post Thanksgiving/Contract
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### **SECTION 7 – REQUESTED CLIENT ACTION ITEMS DURING THE PROJECT**

- The Contractor must provide a checklist of any support needed from the Client during the project (i.e. deliverables, action items, information, access, or decisions).
- Requests may include Client decisions, site access, needed information, documentation to be provided, specific meetings that are needed, critical decision points, or other requested action items.
- Under “Responsible Party,” the Client intends to identify an individual person’s name who is responsible for the Action Item. That person should approve the Action Item & Agreed to Date no later than at the Summary Meeting at the end of Pre Award Clarification (before contract award)

#### **Client Action Item Checklist**

No	Action Item	Responsible Party	Agreed Upon Date
1	Grading Permit/Land Disturbance Permit	Melinda	April/May 2019
2	List of Preferred Subs, and any Subcontractors that cannot work on the project	Melinda/Anthony	February 2019
3	Early release packages, Site, foundations, Steel	Melinda/Anthony	Spring 2019
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SECTION 8 – FINANCIAL SUMMARY

**PROPOSAL FORM 9 – COST PROPOSAL**

**Construction Manager shall submit a cost proposal below for the anticipated scope of work listed in Section 2.**

**Construction Manager shall submit a completed Allowable General Conditions Worksheet.**

The successful Construction Manager will be required to enter into an agreement with the City where the basis of payment is the Cost of the Work plus a Fee with a GMP. The fees/costs below shall be based on a total construction budget of \$16 million.

1. Preconstruction Fee: To include personnel expenses, project estimates, preliminary project schedules, value engineering, constructability reviews, pre-planning, overhead and profit, and other preconstruction phase services identified in Section 2 of this RFP.

\$ 35,000

2. Construction Phase Services Fee: Identify a Construction Phase Services Fee as a percentage of the construction budget for all home office expenses and any other expenses not included in the Allowable General Conditions Worksheet, including all overhead and profit.

% 2.45%

3. Not-to-Exceed General Conditions Costs: Identify General Conditions Cost using allowable General Conditions in the worksheet on the following page.

\$ 999,967

Use the following assumptions when completing the Allowable General Conditions Worksheet:

1. Payment and Performance Bonds: Each bond shall be in an amount equal to 100% of the estimated construction cost (assume \$16 million).
2. Maintenance/Warranty Bond: Bond shall be in the amount of 100% of the contract sum (assume \$16 million for cost proposal) covering defect of material and workmanship for one (1) calendar year following the City's approval and acceptance of the construction.
3. Project Duration: Reference the project milestones listed in Section 1.

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Allowable General Conditions Worksheet

Below is a list of Allowable General Conditions for the construction of the City of Lawrence Police Facility Phase 1. List all project management, bonds, insurance, and field office costs for the Project below and enter the total as the 'Not-To-Exceed General Conditions Costs' as No. 3 on the Proposal Form.

<b>General Conditions</b>					
	<b>Description</b>	<b>QTY</b>	<b>Unit</b>	<b>Cost (\$/Unit) including all burden, insurance, etc.</b>	<b>Total</b>
	<b>On Site Project Management</b>				
	Project Executive	15.0	MO	3,640	54,595
	Project Manager	15.0	MO	15,770	236,544
	Superintendent(s)	15.0	MO	16,632	249,480
	Assistant Superintendent(s)	15.0	MO	-	-
	Project Engineer(s)	15.0	MO	1,373	20,592
	Project Scheduler	15.0	MO	-	-
	Project Support Staff	15.0	MO	4,048	60,720
	Cost Estimator	15.0	MO	-	in precon
	<b>Bonds and Insurance</b>				
	All Insurance including Builder's Risk	1	LS	137,518	137,518
	Payment, Performance and Maintenance Bonds	1	LS	136,040	136,040
	<b>Temporary Project Construction and Utilities for CM Staff</b>				
	Dumpsters for CM Staff	15	MO	160	2,400
	Monthly Internet & Telephone Service	15	MO	688	10,320
	Project Water	15	MO	96	1,440
	Temporary Toilets	15	MO	100	1,500
	Electricity	15	MO	280	4,200
	<b>Field Equipment</b>				
	Mobilization for Office Trailers	1	LS	2,370	2,370
	Jobsite Trailer(s) incl. Job Office FF&E	15	MO	900	13,500
	Job Photos and Videos	15	MO	40	600
	Project Signage	1	LS	500	500
	Postage and Deliveries	15	MO	67	1,000
	Storage Trailers	15	MO	80	1,200
	Crane Erection and Rental	0	MO	-	n/a - bid competitively w/direct work
	Vehicles, including Fuel, Maintenance, and Insurance	0	MO	-	n/a
	Safety Equipment and First Aid Supplies	15	MO	67	1,000
	Job Office and Janitorial Supplies	15	MO	80	1,200
	Project Fencing	15	MO	670	10,050
	Security Personnel/Equipment	15	MO	60	900
	Communications Equipment	15	MO	2,700	40,498
	Misc Materials and Small Tools	1	LS	11,800	11,800
	<b>TOTAL GENERAL CONDITIONS</b>				<b>\$999,967</b>