

**PROPOSAL DOCUMENTS MANUAL FOR:**  
**CONSTRUCTION MANAGER AS CONSTRUCTOR**  
**General Site-Energy Innovation Center**  
**New Building**

**PROJECT NO.: CP253091**

**AT:**  
**UNIVERSITY OF MISSOURI – COLUMBIA**  
**COLUMBIA, MISSOURI**

**FOR:**  
**THE CURATORS OF THE**  
**UNIVERSITY OF MISSOURI**

**PREPARED BY:**



**PLANNING**  
**DESIGN &**  
**CONSTRUCTION**

**CAMPUS FACILITIES**  
**UNIVERSITY OF MISSOURI**

**ISSUED FOR PROPOSALS: August 12, 2025**

PROJECT MANUAL FOR: **General Site-Energy Innovation Center New Building**

PROJECT NUMBER: **CP253091**

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## REQUEST FOR PROPOSAL

### CONSTRUCTION MANAGER AS CONSTRUCTOR

Project #: CP253091

Project Name: General Site-Energy Innovation Center New Building

The Curators of the University of Missouri (the "Owner") has received your response to its Request for Qualifications and your organization is hereby requested to submit a proposal for the Work as more fully described in the Agreement between Owner and Construction Manager as Constructor for the Project entitled "General Site-Energy Innovation Center New Building", project number CP253091. Proposals will be received by the Owner at 900 East Stadium, Room L100 Columbia, Missouri 65211, until 1:30 on August 19, 2025. Proposals duly received will be opened by the campus contract manager and all fees and costs will be tabulated. The apparent successful proposer will be announced within seven (7) days, or the proposal tabulation sheet will be provided.

All Proposals must be in accordance with the Proposal Documents contained in this Proposal Documents Manual, which Proposal Documents are incorporated herein by reference and form a part of this Request for Proposal.

Proposals will be received on the basis set forth in the Proposal Documents.

Each Proposal shall be accompanied by a Bid Bond, using the bid bond form included herein, issued by a surety licensed to do business in the State of Missouri in the amount of **Three Million Six Hundred Twenty Five Thousand Dollars (\$3,625,000)**.

No Proposer may withdraw its Proposal within one hundred twenty (120) days after the actual date of the opening of the Proposals. Owner reserves the right to reject any or all Proposal, and it waives any informalities or irregularities therein.

## **INSTRUCTIONS TO PROPOSERS**

### **CONSTRUCTION MANAGER AS CONSTRUCTOR**

Project #: CP253091

Project Name: General Site-Energy Innovation Center New Building

## **ARTICLE 1. DEFINED TERMS**

1.1 Terms used in these Instructions to Proposers which are defined in the University of Missouri General Conditions of the Contract for Construction (Current Edition) ("General Conditions") or the Agreement defined below have the meanings assigned to them in the General Conditions or Agreement. Other terms used in the Proposal Requirements and not defined elsewhere have the following meanings which are applicable to both the singular and plural thereof:

- A. "Agreement" – The form of Agreement Between Owner and Construction Manager as Constructor and Provisions of the Agreement included in the Proposal Documents Manual ("Proposal Documents Manual").
- B. "Amendment" – The form of Amendment Between Owner and Construction Manager as Constructor modifying the "Agreement" for Preconstruction services, or establishing the Guaranteed Maximum Price for work described in the GMP Documents.
- C. "Architect" – When the term "Architect" is used herein, it shall refer to the Architect or the Engineer specified and defined in the Proposal Documents or its duly authorized representative.
- D. "Owner" – The Curators of the University of Missouri. The Owner may act through its Board of Curators or any duly authorized committee or representative thereof.
- E. "Proposal" – The offer of a Proposer submitted on the prescribed form contained in the Proposal Documents Manual setting forth the sums for the items set forth on the Proposal Form.
- F. "Proposal Documents" – The Proposal Requirements and the other documents included in the Proposal Documents Manual.
- G. "Proposal Requirements" – The Request for Proposals, these Instructions to Proposers and the Proposal Form and required attachments as set forth herein.
- H. "Proposal Security" – Bid Bond or Certified Check furnished by the Proposer and made payable to the Curators of the University of Missouri for the amount set forth in the Request for Proposal.
- I. "Proposer" – The entity who submits a Proposal for the Work described herein.
- J. "Successful Proposer" – The Proposer submitting the lowest responsive aggregate amounts for the fees and costs described herein.

## **ARTICLE 2. GENERAL**

The Project scope and budget is set forth in The Project Description attached hereto as Exhibit A. The Owner seeks proposals on the following basis: (a) a lump sum Preconstruction Fee (b) a lump sum bid for the General Conditions Amount described in the Agreement; (c) a percentage of the Cost of the Work bid for the Construction Phase Fee described in the Agreement; (d) cost of performance and payment bond; and (e) cost of insurance required by Article 11 of the General Conditions of the Contract for Construction.

- 2.01 When GMP Design Documents are completed by Architect, the Construction Manager shall submit the GMP Documents, described in the Agreement. The Contract Sum for the Construction Phase Services and Work shall be the sum of the Cost of the Work, the General Conditions Amount and the Construction Phase Fee as described in the Agreement, subject to the Guaranteed Maximum Price

described in the Agreement. The parties shall execute the Amendment to establish the Guaranteed Maximum Price upon acceptance and approval of the GMP Documents by the Owner.

- 2.02 The Construction Manager shall publicly advertise for competitive bids or proposals for the performance of all major elements of the Work other than minor Work that may be included in the General Conditions Amount. The Construction Manager shall utilize the owner's designated reproduction company to advertise, post, and reproduce bidding documents, if required.
- 2.03 The Construction Manager or any related party may submit a bid or proposal for portions of the Work in the same manner as all other Bidders for such Work. If the Construction Manager intends to bid on a portion of the Work, the Construction Manager shall notify the Owner of such intent at least thirty days prior to the planned advertisement date for the applicable bid package.
- 2.04 The Construction Manager shall utilize the Owner's Unity Construct software to receive subcontractor bids in a secure manner. The bids shall not be opened or viewed until the closing time for receipt of bids. At such time the bids will be opened by the Owner and Construction Manager together and the names of the bidders and their respective bid amounts will be read aloud. The Construction Manager shall include appropriate information in the bid solicitations informing the bidding market of the bid submission process to be followed. The contents of the bids or proposals received by the Construction Manager for any major element of the Work shall not be disclosed to a person not employed by the Construction Manager, the Owner or the Architect, except as set forth herein. The contents of any bid or proposal for any major elements of the Work shall be made public only after the award of the self-perform Work or the Subcontract for such Work.
- 2.05 If a person or entity that is awarded a Subcontract fails to execute a Subcontract after being selected in accordance with the required procedures, or a Subcontractor defaults in the performance of a Subcontract, the Construction Manager itself may, without advertising, select a replacement Subcontractor to fulfill the requirements of the Contract Documents for such Work. Such action requires the written approval of the Owner.

### **ARTICLE 3. SELECTION CRITERIA**

- 3.01 The Owner is utilizing a two (2) step process in selecting a Construction Manager. In Step One, the Owner received qualifications in response to a Request for Qualifications and assigned points to the responding organizations in accordance with the process set forth in the Step One Request for Qualifications.
- 3.02 The Proposers, based upon the process set forth in the Step One Request for Qualifications, are selected to submit a Proposal in accordance with the Proposal Documents.
- 3.03 The selection of the Construction Manager will be based upon a 25,000 point system. 12,500 points are established to evaluate and rank the responses to the qualifications criteria set forth in the Request for Qualifications. The responses to the Owner's Request for Qualifications will be reviewed by the Owner's evaluation committee and assigned points based on the content of the response. Three hundred (300) bonus points will be awarded to a SDVE proposer. The 300 bonus points will be added to the SDVE's qualifications score as established by the Owner's evaluation committee. The 300 bonus points are available only to an SDVE firm submitting a proposal directly to the Owner.
- 3.04 A 12,500 point system has been established to evaluate the aggregate amount of (a) the Preconstruction Phase fee, (b) the General Conditions Amount; (c) an estimate of the Construction Phase Fee determined by applying the percentage amount for the Construction Phase Fee contained in the Proposal to the Construction Budget given in **Exhibit A**; (d) cost of Performance Bond and Payment Bond determined by applying a percentage amount for the bonds to the Construction Budget given in Exhibit A; and (e) cost of insurance required by Article 11 of the General Conditions, or as modified by the Special Conditions of these Contract Documents. The Construction Phase Fee to be paid to the Construction Manager shall be determined in accordance with the Contract Documents and shall not be

affected by the estimate determined herein. The Proposer submitting the lowest aggregate amounts for the fees and costs described herein shall receive 12,500 points and the other proposers shall be awarded a portion of the 12,500 total points by applying the percentage resulting by dividing the lowest aggregate Proposal by the aggregate amount of the applicable Proposal, to the 12,500 points. Accordingly, fifty percent (50%) of the evaluation shall be based upon the qualifications of the Proposers and fifty percent (50%) of the evaluation is based upon the aggregate amounts of costs and fees described herein.

- 3.05 The organization with the highest point total will be the Proposer that offers the best value to the Owner and will be the apparent Successful Proposer.

#### **ARTICLE 4. COPIES OF PROPOSAL DOCUMENTS**

- 4.01 Complete sets of Proposal Documents must be used in preparing Proposals; neither the Owner nor Architect assumes any responsibility for errors or misrepresentations resulting from the use of incomplete sets of Proposal Documents.
- 4.02 The Owner and Architect, in making copies of Proposal Documents available on the above terms, do so only for the purpose of obtaining Proposals on the Work and do not confer a license or grant for any other use. All Proposal Documents are the property of Owner.

#### **ARTICLE 5. EXAMINATION OF PROPOSAL DOCUMENTS AND SITE**

- 5.01 It is the responsibility of each Proposer, before submitting a Proposal, to (a) thoroughly examine the Proposal Documents, (b) visit the site to become familiar with local conditions that may affect cost, progress, performance, or furnishing of the Services or Work, (c) consider federal, state, and local Laws and Regulations that may affect cost, progress, performance, or furnishing of the Services or Work; and (d) notify the Owner of all conflicts, errors, or discrepancies discovered by Proposer in the Proposal Documents.
- 5.02 On reasonable notice, the Owner will provide each Proposer access to the site to conduct such examinations, inspections and studies as each Proposer deems necessary for submission of a Proposal. Each Proposer wishing to inspect the site and any existing facilities shall contact:

Derick Laubert  
The University of Missouri - Columbia  
Campus Facilities  
Planning Design and Construction  
573-405-0083

- 5.03 The submission of a Proposal will constitute an incontrovertible representation by Proposer that Proposer has complied with the provisions of Section 5 of the Instructions to Proposers.

#### **ARTICLE 6. INTERPRETATIONS**

- 6.01 All questions about the meaning or intent of the Proposal Documents are to be directed to the Owner. Questions concerning the Proposal Documents may be directed to:

Jim Heckemeyer  
The University of Missouri - Columbia  
Campus Facilities  
Planning Design and Construction  
573-289-7103

#### **ARTICLE 7. PROPOSAL SECURITY**

- 7.01 Each Proposal shall be accompanied by a Proposal security, in the form of a Bid Bond acceptable to and payable without condition to The Curators of the University of Missouri, in the amount as set forth

in the Request for Proposal. The Bid Bond shall be executed by the Proposer and a responsible surety licensed in the State of Missouri with a Best's rating of no less than A-/XI. Bid Bonds shall be executed on the form included in the Proposal Documents.

- 7.02 The Proposal Security of the Successful Proposer will be retained until such Proposer has satisfied the following requirements: (a) executed the Agreement within ten (10) days after receipt of the unsigned agreements; (b) provided the Owner with the certificate of insurance required by Construction Manager during the Preconstruction Phase as required by Article 10 of the Agreement within ten (10) days after receipt of the unsigned agreements; (c) executed Amendment establishing the GMP as required by the Contract Documents; (d) provided Owner with the Performance Bond and Payment Bond for the execution of an Early Release Order or the GMP Amendment in accordance with the requirements of the Contract Documents; and (e) provided the Owner with the evidence that it has procured the required insurance for the Construction Phase in accordance with the requirements of the Contract Documents. If the Successful Proposer fails to satisfy any of the requirements set forth herein the Proposal Security shall be forfeited.

#### **ARTICLE 8. CONTRACT TIME**

- 8.01 The Contract Time concerning the dates the Work shall be completed is defined in Article 4 of the Provisions of the Agreement.

#### **ARTICLE 9. SUPPLIER DIVERSITY**

- 9.01 The successful Proposer shall be obligated to comply with the Supplier Diversity participation goals for this Project. At the time of Proposer's submission of the Proposal to the Owner, the Proposer shall comply with this Article 9 for all diverse subcontractors that are applicable to the submission of the price proposal and represent a percentage of Supplier Diversity participation in said Proposal.
- 9.02 In accordance with the Supplier Diversity provisions below, each Proposer shall submit the information and documents required by such provisions.
- 9.03 Supplier Diversity Percent Goal Computation
- A. The total dollar value of the work granted to a diverse firm by the successful Proposer is counted towards the applicable goal of the entire Work covered by the Guaranteed Maximum Price ("GMP") and the applicable goal of each of the following: (i) the Work covered by each bid or proposal awarded under Section 2.9 of the CMR Provisions, (ii) the Work, services and other items comprising the General Conditions Amount. For purposes of this Section 9.03, the term "Proposer" shall include, with respect to each bid and proposal identified above that is separately subject to the Supplier Diversity goal, the contractor or other entity which is awarded such bid or proposal under Section 2.9 of the CMR Provisions.
  - B. The Proposer may count toward the Supplier Diversity goal only expenditures to diverse firms that perform a commercially useful function in the work of a contract. A diverse firm is considered to perform a commercially useful function when it is responsible for executing a distinct element of the work and carrying out its responsibilities by actually performing, managing and supervising the work involved. A Proposer that is a certified diverse firm may count as 100% of the contract towards the Supplier Diversity goal. For projects with separate Supplier Diversity goals, a MBE firm bidding as the prime Proposer is expected to obtain the required WBE/Veteran/Service Disabled Veteran/DBE participation and a WBE or Veteran or Service Disabled Veteran or DBE firm bidding as the prime Proposer is expected to obtain the required MBE participation.
  - C. The Proposer may count toward its Supplier Diversity goal expenditures for materials and supplies obtained from diverse suppliers and manufacturers, provided the diverse firm assumes the actual and contractual responsibility for the provision of the materials and supplies.
  - D. The Proposer may count its entire expenditure to a diverse manufacturer. A manufacturer shall be defined as an individual or firm that produces goods from raw materials or substantially alters them before resale.



- E. The Proposer may count its entire expenditure to diverse suppliers that are not manufacturers provided the diverse supplier performs a commercially useful function as defined above in the supply process.
- F. The Proposer may count 25% of its entire expenditures to diverse firms that do not meet the definition of a subcontractor, a manufacturer, nor a supplier. Such diverse firms may arrange for, expedite, or procure portions of the work but are not actively engaged in the business of performing, manufacturing, or supplying that work.
- G. The Proposer may count toward the Supplier Diversity goal that portion of the total dollar value of the work awarded to a certified joint venture equal to the percentage of the ownership and control of the diverse partner in the joint venture.
- H. On projects with separate Supplier Diversity goals, the Owner may allow MBE participation provided in excess of the MBE goal to be counted towards the WBE/Veteran/Serviced Disabled Veteran/DBE goal.

#### 9.04 Certification by Proposer of Diverse firms

- A. The Proposer shall submit with its Proposal the information requested in the "Supplier Diversity Compliance Evaluation Form" for every diverse firm the Proposer intends to award a portion of the Work, services and other items comprising the Preconstruction Phase Fee, General Conditions Amount, or the Construction Phase Fee. Additionally, the Proposer shall require, as a condition to bidding for any part of the Work under Section 2.9 of the CMR Provisions that all bidders or proposers submit the information requested in the "Supplier Diversity Compliance Evaluation Form" for every diverse firm that such bidder or proposer intends to award a portion of such Work.
- B. Diverse firms are defined in Article 1 of the General Conditions of the Contract for Construction included in the contract documents, and as those businesses certified as disadvantaged by an approved agency. The Proposer is responsible for obtaining information regarding the certification status of a firm. A list of certified firms may be obtained by contacting the agencies listed in the proposal form document "Supplier Diversity Certifying Agencies". Any firm listed as disadvantaged by any of the identified agencies will be classified as a diverse firm by the Owner.
- C. Proposers are urged to encourage their prospective diverse contractors, subcontractors, joint venture participants, team partners, and suppliers who are not currently certified to obtain certification from one of the approved agencies.

#### 9.05 Supplier Diversity Good Faith Effort

The Proposer is required to make a good faith effort to locate and contract with diverse firms as indicated in Paragraph 8 of the Proposal Form and promote the inclusion of sub-subcontractor participation among non-diverse subcontractors. Following contract award and during the preconstruction phase, the successful proposer shall submit their proposed Good Faith Effort plan for the Owner's approval. The Good Faith Effort plan shall apply and be implemented on all bid and proposal packages. At a minimum, the plan shall include the following strategies:

- A. Outreach meetings scheduled and conducted by the successful proposer to inform potential subcontractors, sub-subcontractors, suppliers and diverse firms of contracting and subcontracting opportunities and responsibilities associated with Supplier Diversity participation. A summary of The Proposer's efforts to notify diverse and non-diverse firms of Outreach meetings. Diverse firms attending Outreach meetings shall be asked to provide company contact information and the scope of Work they are interested in for inclusion in future notices.
- B. The Proposer's emphasis on potential subcontractor's good faith effort strategies during the pre-qualification of subcontractors (if applicable).
- C. The Proposer's strategies to ensure potential subcontractors are actively seeking diversity during the advertisement phase for each bid package.

- D. The Proposer's advertisements in general circulation trade association, and diverse (minority) focused media concerning subcontracting opportunities with each bid package advertised for public bid.
- E. The Proposer's written notice to specific diverse firms that their services were being solicited in sufficient time to allow for their effective participation. Such written notice shall include The Proposer's contact person with contact information and a summary of the anticipated bid packages and their anticipated advertisement dates. The written notice shall direct interested diverse firms to provide their contact information and the scope of Work they are interested in for inclusion in future notices.
- F. A written summary of the proposer's efforts to provide potential, non-diverse subcontractors with a list of interested diverse firms, their area of interest and their contact information with each bid package.
- G. A written summary of the Proposer's follow-up attempts to the initial solicitation(s) to determine with certainty whether diverse firms were interested.
- H. The Proposer's efforts to divide the work into packages suitable for subcontracting to diverse firms.
- I. The Proposer's efforts to provide interested diverse firms with sufficiently detailed information about the drawings, specific actions and requirements of the contract, and clear scopes of work.
- J. The Proposer's efforts to solicit for specific sub-Proposals from diverse firms in good faith. Documentation should include names, addresses, and telephone numbers of firms contacted, a description of all information provided to the diverse firms, and an explanation as to why agreements were not reached.
- K. The Proposer's efforts to locate diverse firms not on the directory list and assist diverse firms in becoming certified as such.
- L. Other Proposer's initiatives to encourage and develop participation by diverse firms.
- M. The Proposer's strategies in requiring potential subcontractors to make a Good Faith Effort in securing diversity participation.

## **ARTICLE 10. PREFERENCE FOR MISSOURI PRODUCTS**

- 10.01 The Curators of the University of Missouri have adopted a policy which is binding upon all employees and departments of the University of Missouri, and which by contract, shall be binding upon independent contractors and subcontractors with the University of Missouri whereby all other things being equal, and when the same can be secured without additional cost over foreign products, or products of other states, a preference shall be granted in all construction, repair and purchase contracts, to all products, commodities, materials, supplies and articles mined, grown, produced and manufactured in marketable quantity and quality in the State of Missouri, and to all firms, corporations or individuals doing business in Missouri as Missouri firms, corporations or individuals. Each Proposer submitting a Proposal agrees to comply with and be bound by the foregoing policy.

## **ARTICLE 11. PROPOSAL FORM**

- 11.01 The Proposal Form is included in the Proposal Documents. Proposal Forms must be completed in ink or typewritten and include all required attachments.
- 11.02 Proposals by corporations must be executed in the corporate name by the president or vice-president (or other corporate officer accompanied by evidence of authority to sign), and the corporate seal shall be affixed and attested by the secretary or an assistant secretary. The state of incorporation shall be shown below the corporate name. Proposals by partnerships must be executed in the partnership name and signed by a partner (accompanied by evidence of authority to sign) and the official address of the partnership must be shown below the signature. Proposals by joint ventures shall be signed by each participant in the joint venture or by an authorized agent of each participant. Proposals by limited liability companies shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature. All names shall be typed or printed in ink below the signatures. The address and telephone number for communications regarding the Proposal shall be shown.

- 11.03 All blank spaces in the Proposal Form shall be filled. A Proposal price shall be indicated for each item listed therein. Proposals received without all such items completed will be considered nonresponsive. No alterations in Proposals, or in the printed forms thereof, by erasures, interpolations, or otherwise will be acceptable.

#### **ARTICLE 12. BASIS OF PROPOSAL.**

- 12.01 Proposers shall submit a Proposal on the basis set forth in the Proposal Form. The Proposal shall include all federal sales, excise, and similar taxes, which may be lawfully assessed in connection with their performance of work and purchase of materials to be incorporated in the work. City & State taxes shall not be included as defined within Article 3.16 of the General Conditions for Construction Contract included in the contract documents.

#### **ARTICLE 13. SUBMISSION OF PROPOSALS.**

- 13.01 Proposals shall be submitted at the time and place indicated in the Request for Proposals. Proposals shall be enclosed in an opaque sealed envelope or wrapping addressed to the Owner as indicated in the Request for Proposals.
- 13.02 Proposals shall be marked with the name and address of the Proposer and shall be accompanied by the Bid Security, Proposer's Affidavit, and other required documents. If the Proposal is sent through the mail or other delivery system, the sealed envelope shall be enclosed in a separate envelope with the notation "BID ENCLOSED" on the face of it.
- 13.03 The Proposer's Affidavit shall be properly completed and enclosed in the envelope. A proposal may not be considered unless accompanied by a properly executed and notarized Proposer's Affidavit. Each Proposal envelope shall be identified on the outside with the words "Proposal" and the Project identified. Proposals received after the time and date for receipt of Proposals will be returned unopened.
- 13.04 Proposer shall assume full responsibility for the timely delivery at the location designated for receipt of Proposals. Oral, telephone, telegraph, or facsimile Proposals are invalid and will not receive consideration. No Proposer may submit more than one (1) Proposal. Multiple Proposals under different names will not be accepted from one (1) firm or association.
- 13.05 Proposer shall submit the Supplier Diversity Compliance Form for any firm providing services as a subcontractor or supplier as part of the Proposers pricing proposal in accordance with Article 9 of these Instructions.

#### **ARTICLE 14. MODIFICATION AND WITHDRAWAL OF PROPOSALS**

- 14.01 The Proposer may withdraw their Proposal at any time before the scheduled closing time for receipt of Proposals, but no Proposer may withdraw their Proposal after the scheduled closing time for receipt of Proposals. Only telegrams, letters and other written requests for modifications or correction of previously submitted Proposals, contained in a sealed envelope which is plainly marked "Modification of Proposal on (name of project on cover sheet)," which are addressed in the same manner as Proposals, and are received by Owner before the scheduled closing time for receipt of Proposals will be accepted and Proposals corrected in accordance with such written requests.

#### **ARTICLE 15. OPENING OF PROPOSALS**

- 15.01 The Owner shall receive, open the sealed proposals, and record the fees and costs listed for each proposal deemed responsive. Only the names of the firms will be read aloud. The content of the sealed proposals shall not be made public until a successful proposer is identified.

**ARTICLE 16. PROPOSALS TO REMAIN SUBJECT TO ACCEPTANCE**

- 16.01 All Proposals will remain subject to acceptance for one hundred twenty (120) days after the day of opening of the Proposals, but the Owner may, in its sole discretion, release any Proposal and return the Proposal Security prior to that date.

**ARTICLE 17. AWARD OF AGREEMENT**

- 17.01 The Owner reserves the right to reject any and all Proposals, including, without limitation, the right to reject any or all Proposals which in the Owner's discretion are nonconforming, nonresponsive, unbalanced, or conditional Proposals.
- 17.02 The Owner also reserves the right to waive all informalities.
- 17.03 In evaluating Proposals, the Owner may conduct such investigations, including but not limited to interviews, as the Owner deems necessary to assist in the evaluation of any Proposer and to establish the responsibility, qualifications, personnel availability, and financial ability of Proposers, and other persons and organizations to perform and furnish the Preconstruction Phase Services and Work in accordance with the Agreement to the Owner' satisfaction within the prescribed time. As requested by the Owner, each Proposer shall provide the Owner with a detailed breakdown of its Proposal, including the amount of the General Conditions in the form requested by the Owner.
- 17.04 If the Agreement is to be awarded, it will be awarded to a responsible Proposer submitting the Proposal that the best value as described herein as determined by the Owner.
- 17.05 By submitting a Proposal, Proposer agrees that any protest, controversy, dispute or claim arising from the Owner's Request for Proposals, the Proposer's submission of a Proposal, the Owner's rejection of any Proposal and/or the Owner's award of an Agreement on the Project identified above shall be subject to the same dispute resolution requirements as are set forth in the Agreement, which are incorporated herein by reference.

**ARTICLE 18. CONTRACT SECURITY**

- 18.01 The Contract Documents (General Conditions – Article 11) set forth the Owner's requirements as to Performance Bonds and Payment Bonds. Prior to the Construction Phase executed by an Early Release Order or the GMP Amendment, the Construction Manager must provide the required Performance Bond and Payment Bond as set forth in the Contract Documents.

**ARTICLE 19. EXECUTION OF AGREEMENT.**

- 19.01 The Owner will prepare two unsigned originals of the agreement between Owner and Construction Manager as Constructor for execution by the successful Proposer. The successful Proposer shall execute both originals and return them to the Owner for the Owner's execution. The Owner will execute both originals and return one executed original to the Construction Manager.

**PROPOSAL FORM**

CONSTRUCTION MANAGER AS CONSTRUCTOR

Project #: CP253091  
General Site-Energy Innovation Center New Building

**THIS PROPOSAL IS SUBMITTED TO:**

**The Curators of the University of Missouri**

**By**

FIRM OF \_\_\_\_\_  
(hereinafter called "Proposer") a corporation\* organized and existing under laws of the State of \_\_\_\_\_,  
a partnership\* consisting of \_\_\_\_\_,  
an individual\* trading as \_\_\_\_\_,  
a joint venture\* consisting of \_\_\_\_\_.

1. The undersigned Proposer proposes and agrees, if this Proposal is accepted, to enter into the Agreement Between Owner and Construction Manager as Constructor (the "Agreement") with the Owner in the form included in the Proposal Documents to perform and furnish all Preconstruction Phase Services and all Work as specified or indicated in the Agreement within the specified time, and for the amount indicated in this Proposal and in accordance with the other terms and conditions of the Agreement and the Contract Documents.
2. Proposer accepts all of the terms and conditions of the Request for Proposals and Instructions to Proposers, including, without limitation, those dealing with the disposition of Bid Security. This Proposal will remain subject to acceptance and cannot be withdrawn or revoked for one hundred twenty (120) days after the day of Proposal opening. Proposer will sign and deliver the required number of counterparts of the Agreement and other documents required by the Proposal Documents within ten (10) days after receipt of the unsigned Agreement between Owner and Construction Manager as Constructor.
3. In submitting this Proposal, Proposer represents that:
  - a. Proposer has examined copies of all the Proposal Documents, including the Addenda.
  - b. Proposer acknowledges receipt of the following Addenda:  
  
Addendum No. \_\_\_\_\_, Dated: \_\_\_\_\_;  
Addendum No. \_\_\_\_\_, Dated: \_\_\_\_\_;  
Addendum No. \_\_\_\_\_, Dated: \_\_\_\_\_;  
Addendum No. \_\_\_\_\_, Dated: \_\_\_\_\_.
  - c. Proposer has visited the site and become familiar with and satisfied itself as to the general, local, and site conditions that may affect cost, progress, performance, and furnishing of the Preconstruction Phase services and the Work required by the Contract Documents.
  - d. Proposer is familiar with and has satisfied itself as to all federal, state, and local Laws and Regulations that may affect cost, progress, performance, and furnishing of the Preconstruction Phase services and the Work.

- e. Proposer has correlated the information known to Proposer, information and observations obtained from visits to the site with the requirements of the Proposal Documents and the Contract Documents.
  - f. This Proposal is genuine and not made in the interest of or on behalf of any undisclosed person, firm, or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation; Proposer has not directly or indirectly induced or solicited any other Proposer to submit a false or sham Proposal; Proposer has not solicited or induced any person, firm, or corporation to refrain from submitting a Proposal; and Proposer has not sought by collusion to obtain for itself any advantage over any other Proposer or over the Owner.
  - g. By submitting a Proposal, Proposer agrees that any protest, controversy, dispute or claim arising from the Owner's Request for Proposal, the Proposer's submission of a Proposal, the Owner rejection of any Proposal and/or the Owner award of a contract on the Project identified above shall be subject to the same dispute resolution requirements as are set forth in the Contract Documents.
  - h. Proposer and all agents, employees and representatives of Proposer have not engaged in the conduct described in the Proposer's Affidavit.
  - i. Proposer has reviewed those provisions of the Instructions to Proposers, the Agreement, the CMR Provisions and the General Conditions of the Contract pertaining to sales and use tax exemptions and taken those provisions into consideration in the preparation of this Proposal. Proposer will not seek any additional sums based in whole or in part on the Proposer's failure to consider the impact of, or failure to obtain any, sales or use tax exemption referred to in those provisions.
  - j. Proposer has had an opportunity to examine the site of the Work and has carefully studied the Proposal Documents and Contract Documents, and Proposer has carefully prepared the Proposal upon such basis. Proposer has carefully examined and checked this Proposal and the costs for all materials, equipment and labor required by the Contract Documents and the amount or amounts set forth in this Proposal is, or are, correct and no mistake or error has occurred in this Proposal or in the Proposer's computations upon which this Proposal is based. Proposer shall make no claim for reformation, modification, rescission or correction of this Proposal after the scheduled time for receipt of Proposal.
4. Proposer submits the following proposal for the following items defined in the Agreement and the CMR Provisions:
- a. Pre-Construction Fee Amount: \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) (lump sum).  
*(Attach a completed Schedule of Values that makeup the Construction Manager's Pre-Construction Fee)*
  - b. General Conditions Amount: \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) (lump sum). *(Attach a completed Breakdown of Cost Components that makeup the Construction Manager's General Conditions)*
  - c. Construction Phase Fee: \_\_\_\_\_ percent (\_\_\_\_%) of the Cost of the Work as defined in the Agreement

- d. Lump Sum Cost of Performance Bond and Payment Bond:  
\_\_\_\_\_ Dollars (\$) based on the  
construction budget listed in Exhibit A.  
*(Attach documentation from surety or broker evidencing rate upon which the cost is based)*
- e. Lump Sum Cost of Insurance required by Article 11 of the General Conditions of  
the Contract for Construction, or as modified by the Special Conditions:  
\_\_\_\_\_ Dollars (\$\_\_\_\_\_)  
*(Attach documentation from the insurance companies or brokers evidencing the  
rates upon which the cost is based and attach documentation concerning how any  
insurance costs were allocated to this Project)*
5. Communications concerning this Proposal shall be sent to Proposer at the following address:
- Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone No. \_\_\_\_\_  
Facsimile No.: \_\_\_\_\_  
E-mail address: \_\_\_\_\_
6. The terms used but not defined in this Proposal shall have the meanings indicated in the Agreement or the General Conditions.
7. The undersigned Proposer has completed and attached the following to this Proposal: Preconstruction Schedule of Values; Breakdown of Components Comprising the General Conditions Amount; Proposer's Affidavit; Supplier Diversity Compliance Evaluation Form as set forth in Paragraph 8 below; Bond information as set forth in Paragraph 4.d above; Insurance information as set forth in Paragraph 4.e above; and Proposal Security.
8. Supplier Diversity Participation
- a. Supplier Diversity participation goals for the entire Work covered by the Guaranteed Maximum Price (GMP) are as follows:
- Minority Business Enterprise (MBE) of ten (10%); Women Business Enterprise (WBE) of 10%; and with Service-Disabled Veteran Owned Business (SDVE) of three percent (3%) of the GMP.
- b. These participation goals shall also apply separately to the following: (i) The Work covered by each bid or proposal awarded under Section 2.9 of the CMR Provisions, and (ii) the Work, services and other items comprising the Preconstruction Services, General Conditions Amount, and Construction Phase Fee. The undersigned Proposer shall submit with the Proposal the documents and information required by the Supplier Diversity provisions set forth in Article 9 of the Instructions to Proposers for diversity participation related to the Preconstruction Phase Fee, the General Conditions Amount and the Construction Phase Fee, if applicable. If there is no diversity participation within these three categories, diversity documents are not required to be submitted with the Proposal. All diversity requirements and associated documentation with regard to Work awarded under Section 2.9 of the CMR Provisions remains in effect.
9. The undersigned Proposer hereby certifies that neither this Proposal nor the computations on which it is based include any amount of money, estimates, or allowance representing

wages, moneys, or expenses, however designated, proposed to be paid to persons who are not to be required to furnish materials or actually perform services upon or as a part of the proposed Project.

- 1) Breakdown of Components Comprising the General Conditions Amount;
- 2) Proposer's Affidavit;
  - a. Supplier Diversity Compliance Evaluation Form as set forth in Paragraph 8 of the Proposal Form; if applicable.
- 3) Supplier Diversity Compliance Evaluation Form as set forth in Paragraph 8 of the Proposal Form;
- 4) Bond Information set forth in Paragraph 4.d of the Proposal Form;
- 5) Insurance Information set forth in Paragraph 4.e of the Proposal Form; and
- 6) Proposal Security.

SUBMITTED on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Federal Employer Identification Number \_\_\_\_\_

If an Individual

\_\_\_\_\_  
(signature of individual)

doing business as \_\_\_\_\_

Business address: \_\_\_\_\_

\_\_\_\_\_  
Phone No.: \_\_\_\_\_

If a Partnership or Joint Venture

\_\_\_\_\_  
(Partnership or Joint Venture Name)

\_\_\_\_\_  
(signature of all general partners or joint venturers)

doing business as \_\_\_\_\_

Business address: \_\_\_\_\_

\_\_\_\_\_  
Phone No.: \_\_\_\_\_

If a Corporation

\_\_\_\_\_  
(corporation name)



\_\_\_\_\_  
(state of incorporation)

By \_\_\_\_\_  
(signature of authorized person)

\_\_\_\_\_  
(title)

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

If a Limited Liability Company

\_\_\_\_\_  
(limited liability company name)

\_\_\_\_\_  
(state of incorporation)

By \_\_\_\_\_  
(signature of authorized person)

\_\_\_\_\_  
(title)

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_

**BID BOND**

Any singular reference to Bidder, Surety, Owner or other party shall be considered plural where applicable.

**PROPOSER** (Name & Address):

**SURETY** (Name & Address of Principal Place of Business):

**OWNER**

The Curators of the University of Missouri

**PROJECT DESCRIPTION**

Project Name:

Project Number:

**BOND**

Date:

Amount:

Surety and Proposer, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent or representative.

PROPOSER AS PRINCIPAL  
COMPANY: \_\_\_\_\_

(Corp. Seal)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

SURETY  
COMPANY: \_\_\_\_\_

(Corp. Seal)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

(Attach certified Power of Attorney)

**NOW THEREFORE**, Bidder and Surety jointly and severally agree to bind themselves, their heirs, executors, administrators, successors and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of the Bond and subject to the following terms and conditions:

1. Default of Proposer shall occur upon any of the following occurrences: (a) the failure of Proposer to deliver within the time required by the Proposal Documents the executed Agreement required by the Proposal Documents and any other documents required by the Proposal Documents, including the required insurance certificate; (b) the failure of Proposer to execute the Amendment to establish the GMP as required by the Contract Documents; (c) the failure of the Proposer to deliver the Performance Bond and the Payment Bond and other required documents for the Construction Phase; (d) the failure of Proposer to provide evidence that it has procured the insurance required for the Construction Phase as required by the Contract Documents.
2. This obligation shall be null and void if:
  - a. Owner accepts Proposer's Proposal and Proposer delivers within the time required by the Proposal Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Proposal Documents and any other documents required by the Proposal Documents; Proposer executes the GMP Amendment in accordance with the Contract Documents and delivers the Performance Bond and Payment Bond; and Proposer delivers evidence that it has procured the insurance required for the Construction Phase as required by the Contract Documents
  - b. All Proposals are rejected by Owner, or
  - c. Owner fails to issue an Agreement to Bidder within the time specified in the Proposal Documents (or any extension thereof agreed to in writing by Bidder).
3. Payment under this Bond will be due and payable upon default of Proposer and within ten (10) calendar days after receipt by Proposer and Surety of written notice of default from Owner.
4. Notice required hereunder shall be in writing and sent via U.S. Mail or hand delivered to both Proposer and Surety at their respective addresses shown on the face of this Bond and shall be deemed to be effective upon receipt by the party concerned.
5. Surety waives notice of and any and all defenses based on or arising out of any time extension to issue the Agreement agreed to in writing by Owner and Proposer.
6. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent or representative who executed this Bond on behalf of Surety to execute, seal and deliver such Bond and bind the Surety thereby.
7. This Bond is intended to conform to all applicable laws. Any applicable requirement of any applicable law that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of the Bond conflicts with any applicable provision of any applicable law, then the provisions of said laws shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.

Address of Owner:  
The Curators of the University of Missouri

Address of Proposer:

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Address of Surety:

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DRAFT

**ADDITIONAL PAYMENT AFFIDAVIT**

CONSTRUCTION MANAGER AS CONSTRUCTOR

Project #:CP253091

Project Name: General Site-Energy Innovation Center New Building

**APPLICATION FOR PAYMENT NO.** \_\_\_\_\_

In addition to all other representations and warranties provided by Construction Manager in submitting the Application for Payment identified above, the Construction Manager represents and warrants to the Owner:

1. No amount set forth in the Application for Payment identified above which is to be paid to a Subcontractor is for any item covered by the General Conditions Amount that results in a duplication of payment for any items covered by the General Conditions Amount ("Duplication of Payment").
2. Construction Manager has not and will not include in the Scope of Work of any Subcontractor any item covered by the General Conditions Amount that would result in a Duplication of Payment.
3. In the event of any Duplication of Payment, the Construction Manager shall immediately pay the Owner the amount of any Duplication of Payment.

The undersigned represents and warrants that he or she has the authority to execute this Affidavit on behalf of the Construction Manager.

\_\_\_\_\_  
Construction Manager

BY: \_\_\_\_\_  
(authorized signature)

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS

The undersigned personally appeared before me, is personally known to me to be the \_\_\_\_\_ of the above-named Construction Manager, and after being duly sworn, stated that: he/she was and is duly authorized by the above-named Construction Manager to make the statements, undertakings, warranties, and representations contained in the above and foregoing Additional Payment Affidavit; the statements made therein are true and correct; and, he/she executed the same for the purposes and consideration therein expressed.

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

DRAFT

## **CHANGE DIRECTIVE**

No. \_\_\_\_\_

Date of Issuance: \_\_\_\_\_

Project No. \_\_\_\_\_

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

Architect: \_\_\_\_\_

To Construction Manager: \_\_\_\_\_

OWNER:

The Curators of the University of Missouri

You are hereby directed to make the following change(s) in the Agreement Between Owner and Construction Manager as Constructor and the Contract Documents described therein for the Project:

Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Attachments: \_\_\_\_\_

\_\_\_\_\_

### **PROPOSED ADJUSTMENTS**

1. The proposed basis of adjustment to the Contract Sum is:
  - a. Lump Sum (increase) (decrease) of \$ \_\_\_\_\_
  - b. Unit Price of \$ \_\_\_\_\_ per \_\_\_\_\_
  - c. As provided in Section 6.4.7 of the Agreement
  - d. As follows: \_\_\_\_\_
2. The Contract Time is proposed to (be adjusted) (remain unchanged). The proposed adjustment, if any, is an (increase) (decrease) as follows:
  - a. Substantial Completion: \_\_\_\_\_ days
  - b. Final Completion: \_\_\_\_\_ days

When signed by Owner and received by the Construction Manager, this document becomes effective IMMEDIATELY as a Construction Change Directive and the Construction Manager shall proceed with the change(s) described above.

AUTHORIZED BY:

OWNER

The Curators of the University of Missouri

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

Signature by the Construction Manager indicated the Construction Manager's agreement with the proposed adjustments in Contract Sum and Contract Time set forth in this Construction Change Directive.  
CONSTRUCTION MANAGER

\_\_\_\_\_  
Name

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

\_\_\_\_\_  
City, State, Zip Code

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

DRAFT



### **SUPPLIER DIVERSITY COMPLIANCE EVALUATION FORM**

This form shall be completed by Bidders and submitted with the Bidder's Statement of Qualifications form for each diverse firm who will function as a subcontractor on the contract.

The undersigned submits the following data with respect to this firm's assurance to meet the goal for Supplier Diversity participation.

1. Project: \_\_\_\_\_
2. Name of General Contractor: \_\_\_\_\_
3. Name of Diverse Firm:  
Address: \_\_\_\_\_  
Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_  
Status (check one) MBE \_\_\_\_\_ WBE \_\_\_\_\_ Veteran \_\_\_\_\_ Service-Disabled Veteran \_\_\_\_\_ DBE \_\_\_\_\_
4. Describe the subcontract work to be performed. (List Base Bid work and any Alternate work separately):  
Base Bid: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Dollar amount of contract to be subcontracted to the Diverse firm:  
Base Bid: \_\_\_\_\_  
Alternate(s), (Identify separately): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. Is the proposed subcontractor listed in the Directory of M/W/DBE Vendors, Directory of Serviced Disabled Veterans and/or the Directory of Veterans maintained by the State of Missouri?  
Yes \_\_\_\_\_ No \_\_\_\_\_  
  
Is the proposed subcontractor certified as a diverse supplier by any of the following: federal government agencies, state agencies, State of Missouri city or county government agencies, Minority and/or WBE certifying agencies?  
Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes, please provide details and attach a copy of the certification.  
  
Does the proposed subcontractor have a signed document from their attorney certifying the Supplier as a Diverse and meeting the 51% owned and committed requirement?  
Yes \_\_\_\_\_ No \_\_\_\_\_ If yes, please attach letter.

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

### **APPLICATION FOR WAIVER**

This form shall be completed and submitted with the Bidder's Statement of Qualifications. Firms wishing to be considered for award are required to demonstrate that a good faith effort has been made to include diverse suppliers. This form will be used to evaluate the extent to which a good faith effort has been made. The undersigned submits the following data with respect to the firm's efforts to meet the goal for Supplier Diversity Participation.

1. List pre-bid conferences your firm attended where Supplier Diversity requirements were discussed.

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2. Identify advertising efforts undertaken by your firm which were intended to recruit potential diverse subcontractors for various aspects of this project. Provide names of newspapers, dates of advertisements and copies of ads that were run.

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3. Note specific efforts to contact in writing those diverse suppliers capable of and likely to participate as subcontractors for this project.

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4. Describe steps taken by your firm to divide work into areas in which diverse suppliers/contractors would be capable of performing.

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5. What efforts were taken to negotiate with prospective diverse suppliers/contractors for specific sub-bids? Include the names, addresses, and telephone numbers of diverse suppliers/contractors contacted, a description of the information given to diverse suppliers/contractors regarding plans and specifications for the assigned work, and a statement as to why additional agreements were not made with diverse suppliers/contractors.

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6. List reasons for rejecting a diverse supplier/contractor which has been contacted.

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7. Describe the follow-up contacts with diverse suppliers/contractors made by your firm after the initial solicitation.

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8. Describe the efforts made by your firm to provide interested diverse suppliers/contractors with sufficiently detailed information about the plans, specifications and requirements of the contract.

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9. Describe your firm's efforts to locate diverse suppliers/contractors.

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Based on the above stated good faith efforts made to include supplier diversity, the bidder hereby requests that the original supplier diversity percentage goal be waived and that the percentage goal for this project be set at \_\_\_\_\_ percent.

The undersigned hereby certifies, having read the answers contained in the foregoing Application for Waiver, that they are true and correct to the best of his/her knowledge, information and belief.

Signature\_\_\_\_\_

Name\_\_\_\_\_

Title\_\_\_\_\_

Company\_\_\_\_\_

Date\_\_\_\_\_

**AFFIDAVIT**

"The undersigned swears that the foregoing statements are true and correct and include all material information necessary to identify and explain the operation of \_\_\_\_\_ (name of firm) as well as the ownership thereof. Further, the undersigned agrees to provide through the prime contractor or directly to the Contracting Officer current, complete and accurate information regarding actual work performed on the project, the payment therefore and any proposed changes, if any, of the project, the foregoing arrangements and to permit the audit and examination of books, records and files of the named firm. Any material misrepresentation will be grounds for terminating any contract which may be awarded and for initiating action under federal or state laws concerning false statements."

Note - If, after filing this information and before the work of this firm is completed on the contract covered by this regulation, there is any significant change in the information submitted, you must inform the Director of Facilities Planning and Development of the change either through the prime contractor or directly.

Signature \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Corporate Seal (where appropriate)

Date \_\_\_\_\_

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,

before me appeared (name) \_\_\_\_\_ to me personally known,  
who, being duly sworn, did execute the foregoing affidavit, and did state that he or she was properly  
authorized by (name of firm) \_\_\_\_\_ to execute the affidavit  
and did so as his or her own free act and deed.

(Seal)

Notary Public \_\_\_\_\_

Commission expires \_\_\_\_\_

**AFFIDAVIT FOR AFFIRMATIVE ACTION**

State of Missouri )

County of )

ss.

\_\_\_\_\_ first being duly sworn on  
his/her oath states: that he/she is the (sole proprietor, partner, or officer) of \_\_\_\_\_  
\_\_\_\_\_ a (sole proprietorship, partnership, corporation), and as such (sole  
proprietor, partner, or officer) is duly authorized to make this affidavit on behalf of said (sole  
proprietorship, partnership, corporation); that under the contract known as "\_\_\_\_\_  
Project No. \_\_\_\_\_ less than 50 persons in the aggregate will be employed and therefore, the  
applicable Affirmative Action requirements as set forth in the "Nondiscrimination in Employment Equal  
Opportunity," Supplemental Special Conditions, and Article 13 in the General Conditions do not apply.

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My commission expires \_\_\_\_\_, 20\_\_\_\_.

## **CERTIFYING SUPPLIER DIVERSITY AGENCIES**

Diverse firms are defined in General Conditions Articles 1.1.7 and those businesses must be certified as disadvantaged by an approved agency. The Bidder is responsible for obtaining information regarding the certification status of a firm. A list of certified firms may be obtained by contacting the agencies listed below. Any firm listed as disadvantaged by any of the following agencies will be classified as a diverse firm by the Owner.

St. Louis Development Corporation 1520 Market St.,  
Ste. 2000  
St. Louis, MO 63103 P:  
314.982.1400  
W: [www.stlouis-mo.gov/sldc/](http://www.stlouis-mo.gov/sldc/)

Bi-State Development  
211 N. Broadway, Ste. 700 St. Louis, MO  
63102  
P: 314.982.1400  
W: [www.metrostlouis.dbesystem.com](http://www.metrostlouis.dbesystem.com)

St. Louis Minority Business Council  
211 N. Broadway, Ste. 1300  
St. Louis, MO 63102 P:  
314.231.5555  
W: [www.slmhc.org](http://www.slmhc.org)

U.S. Small Business Administration - St. Louis, MO 8(a)  
Contractors, Minority Small Business  
1222 Spruce Street, Suite 10.103 St. Louis, MO  
63101  
P: 314.539.6600  
W: [www.sba.gov](http://www.sba.gov)

U.S. Small Business Administration - Kansas City,  
MO 8(a) Contractors, Minority Small Business  
1000 Walnut, Suite  
500 Kansas City,  
MO 64106 P:  
816.426.4900  
W: [kcmohrd.mwdbe.com/?TN=kcmohrd](http://kcmohrd.mwdbe.com/?TN=kcmohrd)

Missouri Department of Transportation  
Division of Construction  
1617 Missouri Blvd.  
P.O. Box 270  
Jefferson City, MO  
65102 P:  
573.526.2978  
W: [www.modot.org/mrcc-directory](http://www.modot.org/mrcc-directory)

Illinois Department of  
Transportation MBE/WBE  
Certification Section 2300  
Dirksen Parkway  
Springfield, IL 62764  
217/782-5490; 217/785-1524 (Fax)  
W: [webapps.dot.illinois.gov/UCP/ExternalSearch](http://webapps.dot.illinois.gov/UCP/ExternalSearch)

State of Missouri OA  
Office of Equal Opportunity  
301 W. High St. HSC Rm 870-B  
Jefferson City, MO  
65101 P:  
877.259.2963  
W:  
[oa.mo.gov/sites/default/files/sdvelisting.pdf](http://oa.mo.gov/sites/default/files/sdvelisting.pdf)  
W: [oeo.mo.gov/](http://oeo.mo.gov/)

Lambert St. Louis International Airport Business  
Diversity Development Office 11495 Navaid  
Bridgeton, MO 63044  
P: 314-426-8111  
W: [www.flystl.com/business/business-diversity-development-1/directories](http://www.flystl.com/business/business-diversity-development-1/directories)

Mid-States Minority Supplier Development Council 505 N.  
7<sup>th</sup> Street, Ste. 1820  
St. Louis, MO 63101 P:  
314.278.5616  
W: [midstatesdc.org](http://midstatesdc.org)

City of Kansas City, Missouri  
Human Relations Department, MBE/WBE Division 4th Floor, City  
Hall  
414 E. 12<sup>th</sup> Street Kansas City, MO  
64106 P: 816.513.1836  
W: [kcmohrd.mwdbe.com/?TN=kcmohrd](http://kcmohrd.mwdbe.com/?TN=kcmohrd)

## **MINORITY NEWSPAPERS**

Dos Mundos Bilingual Newspaper  
902A Southwest Blvd.  
Kansas City, MO  
64108 816-221-  
4747  
[www.dosmundos.com](http://www.dosmundos.com)

Kansas City Hispanic  
News 2918  
Southwest Blvd.  
Kansas City, MO  
64108 816/472-  
5246  
[www.kchispanicnews.com](http://www.kchispanicnews.com)

The Kansas City  
Globe 615 E.  
29th Street  
Kansas City, MO  
64109 816-531-  
5253  
[www.thekcglobe.com/about\\_us.php](http://www.thekcglobe.com/about_us.php)

St. Louis American  
4144 Lindell  
St. Louis, MO  
63108 314-533-  
8000  
[www.stlamerican.com](http://www.stlamerican.com)

St. Louis Chinese American  
News 1766 Burns Ave,  
Suite 201 St. Louis, MO  
63132  
314-432-3858  
[www.scannews.com](http://www.scannews.com)

St. Louis Business  
Journal 815 Olive  
St., Suite 100 St.

Louis, MO 63101  
314-421-6200  
[www.bizjournal.com/stlouis](http://www.bizjournal.com/stlouis)

Kansas City Business  
Journal 1100 Main  
Street, Suite 210  
Kansas City, MO  
64105 816-421-5900  
[www.bizjournals.com/kansascity](http://www.bizjournals.com/kansascity)

### **AFFIDAVIT OF SUPPLIER DIVERSITY PARTICIPATION**

The apparent low Bidder shall complete and submit this form within 48 hours of bid opening for each Diverse firm that will participate on the contract.

1. Diverse Firm: \_\_\_\_\_  
Contact Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone No.: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Status (check one) MBE ☐ WBE ☐ Veteran ☐ Service-Disabled Veteran ☐ DBE ☐  
If MBE, Certified as (circle one): 1) Black American 2) Hispanic American 3) Native American 4) Asian American

2. Is the proposed diverse firm certified by an approved agency [see IFB article 15]? Yes ☐ No ☐  
Agency: \_\_\_\_\_ [attach copy of certification authorization from agency]  
Certification Number: \_\_\_\_\_

3. Diverse firm scope work and bid/contract dollar amount of participation (List Base Bid and Alternate work separately). The final Dollar amount will be determined at substantial completion:

	Scope of Work	Bid/Contract Amount	Final Dollar Amount
Base Bid			
Alternate #1			
Alternate #2			
Alternate #3			
Alternate #4			
Alternate #5			
Alternate #6			

The undersigned certifies that the information contained herein (i.e. Scope of Work and Bid/Contract Amount) is true and correct to the best of their knowledge, information and belief.

General Contractor: _____	Diverse Firm: _____
Signature: _____	Signature: _____
Name: _____	Name: _____
Title: _____	Title: _____



Date: \_\_\_\_\_

Date: \_\_\_\_\_

The undersigned certifies that the information contained herein (i.e. Scope of Work and Final Dollar Amount) is true and correct to the best of their knowledge, information and belief. If the Final Dollar Amount is different than the Bid/Contract Amount, then attach justification for the difference.

Contractor: \_\_\_\_\_

Diverse Firm: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

END OF SUPPLIER DIVERSITY COMPLIANCE FORMS

## **PROPOSER'S AFFIDAVIT**

### **CONSTRUCTION MANAGER AS CONSTRUCTOR**

Project #: CP253091

Project Name: General Site-Energy Innovation Center New Building

Each Proposer submitting a Proposal on this Project shall complete the Affidavit and submit it with the Proposal Form.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss:

I, \_\_\_\_\_, representing \_\_\_\_\_, (hereinafter the "Proposer"), upon oath depose and state that the Proposer nor anyone in its employment has employed any person to solicit or procure the Agreement Between Owner and Construction Manager as Constructor (the "Agreement") nor will it make any payment or agreement for payment of any compensation in connection with the procurement of the Agreement.

I further depose and state that no part of the Preconstruction Phase Fee or the Construction Phase Fee will be paid to any person, corporation, firm, association, or other organization for soliciting the Agreement, other than the payment of their normal compensation to persons regularly employed by the Proposer whose services in connection with the construction of the public building or project were in the regular course of their duties for the Proposer.

I further depose and state that such Proposal is genuine and not collusive or sham; that said Proposer has not colluded, conspired, connived, or agreed, directly or indirectly, with any proposer or person, to put in a sham bid or to refrain from submitting a proposal, and has not in any manner, directly or indirectly, sought by agreement, or collusion, or communication, or conference with any person to fix the proposal price of affiant or of any other proposer, and that all statements in said Proposal are true.

I further depose and state that Proposer will comply with the Supplier Diversity provisions for the Project.

I further depose and state that Proposer is in compliance with the provisions of RS Mo. §292.675 relating to OSHA construction safety training of its employees, and Proposer will comply with the provisions of RS Mo. §292.675.

I further depose and state that Proposer is enrolled and participates in a federal work authorization program for all employees providing the type of services and work set forth in the Agreement. I further depose and state that Proposer does not knowingly employ any person who is an unauthorized alien in connection with the type of services and Work set forth in the Agreement. Proof of Proposer's participation in a federal work authorization program is attached hereto. I further depose and state that all Subcontractors shall affirmatively state by affidavit and in each Subcontract that the Subcontractor is not in violation of the provisions of RS Mo. §285.530 and shall not be in violation of the provisions of RS Mo. §285.530.

I further depose and state that neither the Proposer, nor any person who is an agent, employee or representative of the Proposer, has offered, given or agreed to give any employee or former employee of the Owner, any compensation, guaranty, benefit or offer of employment in connection with any decision, approval, disapproval, recommendation, relating to the award of the Agreement.

The undersigned further warrants that he or she has the authority to execute this affidavit on behalf of the Proposer.

\_\_\_\_\_  
Signature

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, before me, a notary public, personally appeared

\_\_\_\_\_, to me known to be the person who executed the within Proposer's Affidavit, and acknowledged

to me that he/she executed the same for the purposes therein stated.

\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_

## AGREEMENT

### **AGREEMENT BETWEEN OWNER AND CONSTRUCTION MANAGER AS CONSTRUCTOR**

This agreement between Owner and Construction Manager as Constructor (this "Agreement") is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, by and between The Curators of the University of Missouri, a public corporation of the State of Missouri (the "Owner"), and \_\_\_\_\_, a \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_ with a business address of \_\_\_\_\_ (the "Construction Manager").

### **RECITALS**

1. **WHEREAS**, Construction Manager is an organization with extensive experience in furnishing and providing construction services necessary to successfully complete projects of the type and scope of the Project generally described throughout the Proposal Documents Manual for Project Number \_\_\_\_\_ and Projects Name. \_\_\_\_\_ (the "**Proposal Documents Manual**"), the contents of which Construction Manager has received and reviewed prior to the date of this Agreement set forth above (the "**Project**").
2. **WHEREAS**, Construction Manager is ready, willing and able to perform its obligations as set forth in this Agreement.
3. **WHEREAS**, Owner desires Construction Manager to perform the Services and the Work in accordance with the Contract Documents listed below.
4. **WHEREAS**, the term "Architect" as used in the Contract Documents shall mean \_\_\_\_\_, with a business address of \_\_\_\_\_.

**NOW, THEREFORE**, in consideration of the foregoing, the agreements, covenants and payments hereinafter set forth and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. The Construction Manager accepts the relationship of trust and confidence established with the Owner by this Agreement, and covenants with the Owner to furnish the Construction Manager's skill and judgment in furthering the interests of the Owner. The Construction Manager shall furnish construction administration, management and supervision services and use the Construction Manager's best efforts to perform and furnish the Services and the Work in an expeditious, economical, timely and safe manner consistent with the interests of the Owner in accordance with this Agreement and other Contract Documents.
2. The Contract Documents consist of:
  - a. This Agreement
  - b. The University of Missouri's CMR Provisions for Agreement between Owner and Construction Manager as Constructor (Current Edition) and all Exhibits attached thereto this Agreement which consist of:
    - i. **Exhibit A**, General Project Description
    - ii. **Exhibit B**, Initial Construction Schedule
    - iii. **Exhibit C**, Preconstruction Schedule of Values
    - iv. **Exhibit D**, Fee Matrix defining Items Included, General Conditions Amount, Construction Phase Fee and the Cost of Work.
    - v. **Form of Amendment and Exhibits**

- c. Construction Manager's Proposal for the Project submitted pursuant to the Project Documents Manual, Qualifications Submittal, and the documents that accompanied such Proposal
  - d. The University of Missouri's General Conditions of the Contract for Construction (Current Edition) (the "**General Conditions**"). The term "Contractor" as used in the General Conditions shall mean the Construction Manager. The term "Contract Documents" as used in the General Conditions shall mean the Contract Documents set forth in Section 2 of this Agreement and any executed Early Release Order in the form attached to the CMR Provisions. The term "Construction Contract" and "Contract for Construction" as used in the General Conditions shall collectively mean this Agreement, the CMR Provisions, Early Release Orders, and the executed Amendment in the form attached to the CMR Provisions. For the Preconstruction Phase, the General Conditions of the Contract for Construction shall apply only as specifically provided in the CMR Provisions
  - e. Amendment to this Agreement and the CMR Provisions executed by the Owner and Construction Manager pursuant to Section 2.8 of this Agreement and the drawings, specifications, addenda and other documents referred to there "**Amendment.**"
  - f. The Bonds and Insurance as described in Article 10, 11, 12 and 13 of the Provisions of this Agreement
  - g. Modifications issued after execution of this Agreement. A "**Modification**" is (a) a written amendment to this Agreement or the Contract Documents signed by both parties; (b) a Change Order; (c) Change Directive; or (d) written orders for minor changes in the Work issued pursuant to Section 6 of this Agreement. Modifications shall become Contract Documents upon their execution or issuance.
  - h. Approved Shop Drawings and submittals and the reports and drawings of subsurface and physical conditions are not Contract Documents. Only the items listed in this Section 2 are Contract Documents.
3. This Agreement, together with the other Contract Documents herein above mentioned, form the entire contract between the Owner and Construction Manager for the Services and the Work of the Project (the "Contract"). The terms, provisions and conditions of the Contract Documents are incorporated into, and are as fully a part of, the Contract as if attached hereto or herein repeated. Construction Manager hereby represents to Owner that it has received, read and understand all of the terms, provisions and conditions of the Contract, to the extent such terms, provisions and conditions have been established as of the date of this Agreement set forth above. If any provision of another Contract Document, other than a Modification, is inconsistent with this Agreement, this Agreement shall govern.
4. Any capitalized terms used but not defined in this Agreement shall have the meanings indicated in the CMR Provisions. If any provision of the General Conditions conflicts with or is inconsistent with the CMR Provisions, the CMR Provisions shall govern.
5. The Preconstruction Phase Fee shall be the stipulated sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_).
6. The General Conditions Amount shall be the stipulated sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_).
7. The Construction Phase Fee shall be \_\_\_\_\_ Percent \_\_\_\_\_%.

No member or officer of the Board of Curators of the University incurs or assumes any individual or personal liability by the execution of this Agreement or Amendment, or by reason of the default of the Owner in the performance of any of the terms hereof or the Contract Documents. All such liability of members or officers of the Board of Curators of the University of Missouri as such is hereby released by Contractor as a condition of and consideration for the execution of this Agreement.

This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which shall constitute one and the same Agreement.

**IN WITNESS WHEREOF**, the parties hereto have caused this Agreement to be executed pursuant to due and legal action authorizing same to be done, the date first above written.

**CURATORS OF THE UNIVERSITY OF MISSOURI**

“Owner”

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Charles D. Bouse, Jr. AIA, LEED AP, BD&C  
Executive Director  
Facilities Planning & Development

**FIRM** \_\_\_\_\_  
“Construction Manager”

By: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

## **PROVISIONS OF THE AGREEMENT**

BETWEEN THE OWNER AND CONTRCUTION MANAGER AS CONSTRUCTOR

### **ARTICLE 1** **GENERAL PROVISIONS**

- 1.01 As used in the Contract Documents, the following terms shall have the meanings indicated below which are applicable to both the singular and the plural thereof:
- 1.01.1 **"Successful Proposer"** shall mean a Proposal or bid that Owner determines is the lowest responsive proposal as described herein.
- 1.01.2 **"Qualifications Submittal"** shall mean the Successful Proposer's response to the Owner's Request for Qualifications.
- 1.01.3 **"Construction Documents"** mean drawings, specifications and other documents in which the requirements for the Work are set forth in detail.
- 1.01.4 **"Design Development Documents"** shall mean drawings, specifications and other documents which describe the size and character of the Project, including architectural, structural, mechanical and electrical systems and materials and such other elements as may be appropriate.
- 1.01.5 **"Related Party"** shall mean a parent, subsidiary, affiliate or other entity having common ownership or management with Construction Manager; any entity in which any stockholder in, or management employee of, Construction Manager owns any interest in excess of ten percent (10%) in the aggregate; or any person or entity which has the right to control the business or affairs of Construction Manager. The term **"Related Party"** includes any member of the immediate family of any person identified herein.
- 1.01.6 **"Subcontract"** shall mean a written agreement between the Construction Manager and a third party whereby a third party is to furnish or provide a portion of the Work on the Project. Subcontract shall include written agreements between Construction Manager and a Subcontractor or a manufacturer, fabricator, supplier or vendor to furnish material or equipment that is to be part of the Work or necessary for the Work.
- 1.01.7 **"Schematic Design Documents"** mean drawings and other documents which establish the general scope, conceptual design and the scale and relationship of the concepts of the Project.
- 1.02 Construction Manager shall cooperate with the Owner, Architect, and any and all other consultants engaged by the Owner performing services for the Project and shall coordinate the Preconstruction Phase Services and the Work with the Architect and such other consultants.
- 1.03 Construction Manager shall provide all management and administration services necessary or required to properly perform the Preconstruction Phase Services and to provide and furnish the Work, including consultations with the Owner, and such Services and Work shall include research, conferences, and presentations.
- 1.04 Any review of the Construction Manager's Services and Work hereunder by the Owner shall not waive, release or relieve the Construction Manager of its obligation to properly perform and provide the Services and Work hereunder.
- 1.05 Construction Manager shall be primarily responsible for coordinating the distribution and assembly of information needed to perform the Preconstruction Phase Services and provide the Work, including but not limited to the collection of any information from the Owner.

- 1.06 Construction Manager shall correct, at its own cost and expense, any errors or deficiencies in the Services performed under this Agreement. The acceptance of any Services by the Owner shall not relieve Construction Manager of the responsibility for compliance with the terms of the Contract Documents or subsequent correction of such errors or deficiencies unless, and only to the extent, the Owner has knowingly waived such correction requirements in writing.

## **ARTICLE 2**

### **CONSTRUCTION MANAGER'S RESPONSIBILITIES**

#### **2.01 General**

- 2.01.1 The Construction Manager shall perform the Preconstruction Phase Services as described herein and the Construction Manager shall perform the Work as set forth in the Contract Documents including Early Release Orders and the Amendment executed by the Owner and the Construction Manager during the Construction Phase. The Construction Manager acknowledges and agrees that the Construction Phase may commence before the Preconstruction Phase is completed, and in such case both Phases will proceed concurrently. The Services to be provided under Sections 2.2 through 2.9, inclusive, and the applicable sections of Article 1, shall constitute Preconstruction Phase Services.

#### **2.02 Program and Evaluation**

- 2.02.1 The Construction Manager shall review and comment upon the program for the Project throughout the development of the program. The Construction Manager shall visit the site with representatives of Architect and the Owner in connection with Construction Manager's review of the program for the Project.
- 2.02.2 When the Project requirements have been sufficiently identified, the Owner will provide Construction Manager a Construction Cost Budget. Any Construction Cost Budget developed before the execution of this Agreement is set forth in **Exhibit A** attached hereto. The term "**Construction Costs**" shall mean the total cost or estimated cost to the Owner of all elements of the Project designed or specified by the Architect. The Construction Costs shall include the cost of labor and materials to be furnished by the Owner, as disclosed to the Construction Manager by the Owner in writing. Construction Costs do not include the compensation to be paid to the Architect and Architects' Consultants, the cost of land, rights-of-way, financing or other similar costs which are the responsibility of the Owner.

#### **2.03 Consultation**

- 2.03.1 Throughout the development of the design of the Project, the Construction Manager with the Architect shall jointly schedule and attend regular meetings with the Owner. The Construction Manager shall consult with the Owner and Architect regarding site se and improvements and the selection of materials, building systems and equipment. The Construction Manager shall provide recommendations on construction feasibility; actions designed to minimize adverse effects of labor or material shortages; time requirements for procurement, installation and construction completion; and factors related to construction cost, including estimates of alternative designs or materials, preliminary budgets and possible economies. In the review of the drawings and specifications for the Project prepared by the Architect through their development, it is not the Construction Manager's primary responsibility to ascertain that such drawings and specifications are in accordance with any applicable federal, state or local laws, statutes, ordinances, building codes, rules, regulations or interpretations thereof ("**Laws**"). However, if the Construction Manager recognizes that portions of the drawings and specifications are at variance with Laws, the Construction Manager shall promptly notify Architect and the Owner in writing.
- 2.03.2 Based upon the Construction Cost Budget, the Construction Manager shall provide an evaluation of the program and Construction Cost Budget, each in terms of the other.

- 2.03.3 The regular meeting described in Section 2.3.1 shall serve as a forum for the exchange of information concerning the Project and review of the design progress. Construction Manager shall review minutes of these meetings prepared by Architect and shall provide comments to such minutes.
- 2.03.4 The Construction Manager shall assist in the Architect's investigation and assessment of the existing facilities and the existing conditions at the site of the Project.
- 2.03.5 The Construction Manager shall develop and manage a construction management plan so that the Work is coordinated and done in a manner so as to avoid interference with any existing facilities. The Construction Manager shall also develop safety, security and other requirements for the Project to protect the public, workers, the Owner, and the property of the Owner, from risks and hazards as a result of the continued use of the existing facilities during the construction of the Project.
- 2.03.6 The Construction Manager shall initiate meetings with the Architect to explore methods in which the environmental performance and sustainability of the Work for the Project might be improved and the environmental impact reduced. The Construction Manager shall, in conjunction with the Architect, evaluate the selection of products and materials and/or the adoption of construction or architecting methods, techniques and processes which result in or involve:
- reductions in waste;
  - reductions in energy consumption;
  - reductions in water consumption;
  - reductions in CO<sub>2</sub> emissions;
  - reductions in materials from non-renewable sources;
  - reductions in commercial vehicle movements;
  - maintenance or optimization of biodiversity;
  - maintenance or optimization of ecologically valuable habitat; and
  - improvements in whole life performance.
- The Construction Manager shall recommend those methods, products, materials, techniques and processes it believes would be beneficial for the Owner and the Project. However, such recommended methods, products, techniques and processes shall not be utilized unless approved in writing by the Owner and incorporated into the Contract Documents. The methods, products, materials, techniques and processes approved in writing by the Owner are hereinafter referred to as the "Sustainability Measures."

## 2.04 **Construction Schedule**

- 2.04.1 When Project requirements have been sufficiently identified, the Construction Manager shall prepare, and periodically update, a schedule for construction, of the Project for the Architect's and Owner's review (the "**Construction Schedule**") which shall update and refine the Initial Construction Schedule described below. The schedule shall conform to the phasing and completion dates set forth in the initial schedule attached hereto as **Exhibit B** (the "**Initial Construction Schedule**"). The Construction Manager shall coordinate and integrate the Construction Schedule with the services and activities of the Owner, Architect and Construction Manager. As design proceeds, the Initial Construction Schedule shall be updated to indicate proposed activity sequences and durations, milestone dates for receipt and approval of pertinent information, preparation and processing of shop drawings and samples, delivery of materials or equipment requiring long-lead-time procurement, dates for delivery of Owner Furnished/Contractor Installed materials or equipment, the Owner's occupancy requirements showing portions of the Project having occupancy priority, and proposed date of Substantial Completion. If the Construction Schedule updates indicate that previously approved schedules may not be met, the Construction Manager shall make appropriate recommendations to the Owner and Architect so that the Owner's occupancy requirements can be satisfied.



- 2.04.2 After GMP Design Documents as defined in Section 2.8 of this Agreement have been prepared by the Architect, the Construction Manager shall submit the GMP Documents to the Owner, including the detailed Construction Schedule. The construction schedule submitted with the GMP Documents shall be in a detailed format satisfactory to the Owner and Architect which shall also: (1) provide a graphic representation of all activities and events that will occur during performance of the Work; (2) identify each phase of construction and occupancy; and (3) set forth dates that are critical in ensuring the timely and orderly completion of the Work in accordance with the requirements of the Contract Documents (hereinafter referred to as "**Milestone Dates**"). If the Owner or Architect has a reasonable objection to the Construction Schedule submitted by Construction Manager, the construction schedule shall be promptly revised by the Construction Manager in accordance with the recommendations of the Owner and Architect and re-submitted for approval. The detailed construction schedule prepared by the Construction Manager and submitted with the GMP documents shall take precedence over the initial construction schedule included as Exhibit B following execution of the amendment.
- 2.04.3 All schedules prepared by Construction Manager, including the Construction Schedule, shall incorporate the construction management plan set forth in Section 2.3.5 of this Agreement.
- 2.05 **Phased Construction**
- 2.05.1 The Construction Manager shall make recommendations to the Owner and Architect regarding the phased issuance of Drawings and Specifications to facilitate phased construction of the Work, taking into consideration such factors as economies, time of performance, availability of labor and materials, and provisions for temporary facilities.
- 2.06 **Cost Management**
- 2.06.1 The Construction Manager shall conduct a construction market survey to provide current information regarding the general availability of local construction services, labor, material and equipment costs and the economic factors related to the construction of the Project.
- 2.06.2 When the program and Project requirements have been sufficiently identified and the Architect has prepared other basic design criteria, the Construction Manager shall prepare an estimate of Construction Costs utilizing appropriate and sound estimating techniques. The Construction Manager shall review with the Architect and the Owner any difference between the Construction Cost Budget and such estimate, identify reasons for any difference and recommend means to eliminate the difference. The Owner may have the Architect's team develop its own construction cost estimate. Estimates shall be organized by major building component or system, such as the CSI UniFormat. Prior to the preparation of the first estimate by the CM, the Owner, A/E and CM will jointly determine the appropriate estimating format to facilitate efficient comparison and reconciliation of the estimates of both parties. The application of contingency amounts, allowances, unit prices and other prospective costs will be reviewed to avoid inefficient estimate reconciliation. The project team (Owner, A/E, and CM) will resolve any significant differences among the estimates before proceeding to the next design phase. Resolving these issues may include changes in project scope as the team works to develop and refine the construction cost budget that meets or exceeds the owner's project requirements. The Construction Manager shall prepare a report describing the agreed upon means to eliminate any difference and distribute such report to the Architect and the Owner.
- 2.06.3 When Schematic Design Documents have been prepared by the Architect and approved by the Owner, the Construction Manager shall prepare a more detailed estimate with supporting data. During preparation of the Design Development Documents and other design documents, the Construction Manager shall update and refine this estimate at appropriate intervals. The Construction Manager shall review with the Architect and the Owner any difference between the Construction Cost Budget and such estimate, identify revisions for any

difference and recommend means to eliminate the difference. The Construction Manager shall prepare a report describing the agreed upon means to eliminate the difference and distribute such report to the Architect and the Owner. All such estimates shall include a line item for the anticipated contingency amount, recommended allowances and other prospective costs that may be incurred at establishment of the GMP, recognizing that these line-item numbers will be refined as the process progresses.

- 2.06.4 When GMP Design Documents have been prepared by the Architect and approved by the Owner, the Construction Manager shall submit to the Owner the GMP Documents described in Section 2.8 of this Agreement.

## 2.07 **Long-Lead Time Items**

- 2.07.1 The Construction Manager shall recommend to the Architect and the Owner a schedule for procurement of long-lead-time items which constitute part of the Work as required to meet the Owner's occupancy and schedule requirements for the Project. The Construction Manager shall identify critical material and equipment items that 1) require early procurement to meet Owner occupancy requirements, 2) are at high risk for price escalation. The Construction Manager shall assist the Owner in mitigating this risk by providing alternative strategies for procurement or recommending alternative products. If the Owner elects at its sole discretion to procure such long lead items, then, upon the Owner's acceptance of the Construction Manager's GMP Documents described in Section 2.8 of this Agreement, all contracts for such items shall be assigned by the Owner to the Construction Manager, who shall accept responsibility for such items as if procured by the Construction Manager. The Construction Manager shall expedite the delivery of long-lead-time items.

## 2.08 **GMP Documents**

- 2.08.1 Within thirty (30) days after the Owner has requested that the Construction Manager submit the GMP Documents described below, and the Owner has submitted drawings, specifications and other design documents prepared by the Architect ("**GMP Design Documents**"), the Construction Manager shall submit the following to the Owner:
  - 2.08.1.1 a proposed Guaranteed Maximum Price, which shall be the sum of the Cost of the Work defined in Article 7 of this Agreement, contingency and allowances approved by the Owner, the General Conditions Amount defined in Section 6.1 of this Agreement and the Construction Phase Fee defined in Section 6 of this Agreement. The Construction Manager shall provide an itemized statement of the Guaranteed Maximum Price organized by trade categories, general condition categories, allowances, contingencies, base bid quantities with unit prices for more or less as applicable, alternates and other items that comprise the Guaranteed Maximum Price. The Construction Manager shall include a bid tab and subcontractor recommendations for all subcontractors not previously approved through the ERO process. The recommendation letter shall include a summary of all subcontractors bid adjustments and the reasons for the adjustment(s).
  - 2.08.1.2 a Schedule of Values for all work that will be self-performed, has been subcontracted or will be subcontracted and is a portion of this Amendment allocating the entire Guaranteed Maximum Price among the various portions of the Work, except that the Construction Phase Fee may be shown as a single item. The Schedule of Values should be prepared in such form as prescribed by the Owner and supported by such data to substantiate its accuracy as the Architect and Owner may require. If the Architect or Owner has an objection to the Schedule of Values, the Construction Manager shall revise the Schedule of Values to satisfy such objection ("**Construction Schedule of Values**"). The Construction Manager shall include a spreadsheet illustrating the formulas used to establish the values included in the Schedule of values to facilitate review by the Owner.
  - 2.08.1.3 the GMP Design Documents that define the Scope of Work including Drawings, Specifications, and Other Documents (Exhibit 2).

- 2.08.1.4 the detailed Construction Schedule (Exhibit 3) developed pursuant to Section 2.4 of this Agreement. The Date of Substantial Completion shall not exceed the completion date set forth in **Exhibit B** attached hereto, without the written approval of the Owner. The Construction Schedule shall include the weather days indicated in the Special Conditions. This Construction Schedule shall include milestone dates established by the Owner and Architect and shall include required dates for the delivery of Owner provided material/equipment.
- 2.08.1.5 Supplier Diversity Participation Information: This shall include:
- 2.08.1.5.1 the current participation for any Early Release Order Work and the GMP, including documentation supporting the level of Supplier Diversity participation required by Article 9 of the Instructions to Proposers.;
- 2.08.1.5.2 the strategies to be used to make a good faith effort to locate and contract with diverse firms as described in Article 9 of the Information to Proposers. These strategies shall also include the efforts as presented in the Construction Manager's Qualifications Package.
- 2.08.1.5.3 the application for waiver (if applicable)
- (Collectively referred to as "**GMP Documents**")
- 2.08.2 Construction Manager recognizes and agrees that after Construction Manager's submission of the GMP Documents, approval and acceptance of the GMP Documents by the Owner and the Owner's execution of the Amendment, the Construction Manager shall obtain bids for the Construction Phase Work as more fully set forth below, unless the Construction Manager is authorized to obtain bids before acceptance of the GMP Documents by Owner.
- 2.08.3 The Guaranteed Maximum Price shall include Construction Manager's contingency, a sum established by Construction Manager and approved by the Owner to cover Costs of the Work, but not the basis for a Change Order (the "**Contingency**"). The Contingency shall be set forth in the Amendment. The Contingency is intended to be used to only cover certain costs for risks to the Construction Manager that could not have been reasonably quantified in the establishment of the Guaranteed Maximum Price such as gaps between the scope of Work between Subcontractors; Subcontractor default; and design omissions which a prudent Construction Manager could not have reasonably detected during the discharge of his Pre-Construction Services. **The Contingency shall not be utilized to cover costs due to the fault or negligence of Construction Manager.** The Contingency shall not be used to cover overages in subcontractor bid pricing, overtime costs unless approved by the Owner, or any work covered by the Construction Manager's General Conditions amount. Nothing contained herein shall be construed as a method or means to increase the Guaranteed Maximum Price. Construction Manager may use the contingency to cover costs consistent with this Section 2.8.3. The Construction Manager shall provide prior notice to the Owner when applying the Contingency funds. The Construction Manager shall not be entitled to use the contingency for individual expenditures over twenty-five thousand dollars (\$25,000) without the prior written approval of the Owner. Construction Manager shall not be entitled to use either the contingency or any allowance for expenses incurred directly by the Construction Manager and not on behalf of a subcontractor or material supplier without the prior written approval of the Owner. The Owner has the right to deny use of the Contingency for items not within the definition given above. will include all contingency adjustments as part of the monthly report specified in 2.08.7. The contingency amount may be reduced when the Owner and Construction Manager agree that the level of risk has been mitigated and a partial contingency reduction is acceptable. All funds remaining in the Contingency at the conclusion of the project shall revert to the Owner via change order.

2.08.3.1

The Construction Manager's Contingency shall not be used for;

- a. Payment of liquidated damages, reimbursement of additional services of the Owner's consultants due to deficient or delayed work, or similar back charges or direct damages from the Owner caused by the Construction Manager
- b. Correction of errors, omissions, conflicts or defects in the documents that would be discoverable through reasonable review and inspection of the documents during the constructability and buildability reviews required by this Contract.
- c. Any costs that are recovered by the Construction Manager from insurance, sub-contractors or suppliers, or other sources.
- d. To supplement the Construction Manager's own office or field staff, beyond the levels or commitment originally agreed to, without the prior written consent of the Owner.
- e. Repairs or replacement of damage caused by the Construction Manager or their subcontractors.

2.08.4

Buy-Out Savings is defined as the positive difference between the sum total of all self-performed work secured by the Construction Manager in accordance with article 2.9.7 and subcontract obligations between the Construction Manager and the Construction Manager's subcontractors, and the sum total of the corresponding GMP line items. Buy-Out Savings will remain in an Allowance category of the same name (Buy-Out Savings Allowance) and may be used at the discretion of the owner to procure pending alternates not included in the GMP described in Exhibit 1 of the Amendment. Acceptance of pending alternates shall be approved and authorized by the owner utilizing the same process as owner authorized use of the Construction Manager's contingency and allowances. The balance remaining in the Buy-Out Savings Allowance after acceptance of pending alternates will remain in the Buy-Out Savings Allowance line item for discretionary use by the owner. The Construction Manager shall not use these funds without the written consent of the Owner. All funds remaining in this Allowance line item shall be returned to the Owner at project closeout.

2.08.5

All allowances proposed by the Construction Manager to be included in the Guaranteed Maximum Price, shall be held by the Construction Manager and not included within a subcontractor bid package. All allowances must be approved by the Owner prior to their inclusion. All allowances shall be used only for the purpose approved by the Owner and only with the written approval of the Owner. If there are residual funds remaining following the conclusion of the work completed with allowance funds, on a line item basis, those funds shall revert to the Buy-Out Savings Allowance. Allowance funds set aside for one purpose cannot be used to supplement allowance funds allocated for any other purpose without the written approval of the Owner. In the event an allowance amount is insufficient to cover the intended scope, and with no delay in the prosecution of the Work, the Construction Manager shall notify the Owner in writing detailing the reason for the overage. If the overage is not the result of negligent acts of the Construction Manager, the Owner will determine the amount, if any, and the source of additional funding.

2.08.5.1 Escalation Allowance; the Construction Manager may include an allowance for unanticipated price escalations in estimates prior to the execution of the GMP Amendment. The amount of the allowance shall be approved by the Owner. The escalation allowance shall be used to mitigate unforeseen cost increases on Cost of Work estimates prior to the execution of the GMP Amendment. The escalation allowance shall not be applied to subcontractor Work that has already been bid. The Construction Manager shall provide documentation detailing the reason the application of escalation funds was required. At the time the GMP Amendment is executed, the balance of the escalation allowance shall go to the buyout savings line item.

2.08.5.2 Design Contingency; the Construction Manager may include a design contingency in an amount approved by the Owner, to be used to mitigate unforeseen costs resulting from the completion of the design documents. The Construction Manager shall provide documentation detailing the reason the application of design contingency was required. At the completion of the design, the remaining design contingency shall go to the buyout savings line item.

- 2.08.6 Base bid quantities with unit prices for more or less may be included in applicable bid packages with Owner approval of the types, quantities and unit price structure. Pertinent scopes include but are not limited to rock removal, including general excavation, trench rock and drilled piers, removal and replacement of unsuitable soils, removal of asbestos and placement of lean concrete. All such base bid quantities shall be itemized in the Amendment.
- 2.08.7 The Construction manager shall submit a detailed report to the Owner with each monthly pay request itemizing all contingency expenditures, allowance expenditures, allowance transfers to contingency or buy-out savings and anticipated uses of contingency foreseeable at the time.
- 2.08.8 In submitting the proposed Guaranteed Maximum Price, Construction Manager shall provide supporting documents which shall include the detailed estimate of the Cost of the Work developed pursuant to Section 2.6 of this Agreement, a breakdown of the General Conditions Amount, and the amount of the Contingency included in the Guaranteed Maximum Price as described in Section 2.8 of this Agreement.
- 2.08.9 The Construction Manager shall meet with the Owner and the Architect to review the GMP Documents and the supporting documents. If the Owner or the Architect discover any inconsistencies or inaccuracies in the information presented, they shall promptly notify the Construction Manager and the Construction Manager shall make appropriate adjustments in the GMP Documents.
- 2.08.10 Upon acceptance of the GMP Documents by the Owner, the Guaranteed Maximum Price shall be set forth in the form "Amendment" provided in the Proposal Documents Manual, which shall attach and incorporate the Construction Schedule, and Construction Manager and the Owner shall execute the Amendment.
- 2.08.11 Construction Manager recognizes and acknowledges that the GMP Documents shall be submitted before all Construction Documents are completed by the Architect. In submitting the GMP Documents, Construction Manager shall take into account the level of completeness of the GMP Design Documents and Construction Manager shall exercise its best skill and efforts to make: (i) appropriate judgments and inferences in connection with the requirements of the GMP Design Documents; and (ii) all inquiries of the Architect to clarify the GMP Design Documents as necessary to develop accurate and binding GMP Documents.
- 2.08.12 As Construction Documents are developed by the Architect for purposes of obtaining bids for the various portions of the Work, a copy shall be furnished to the Construction Manager for its review. Construction Manager shall not be permitted to claim any adjustment to the "Amendment" in connection with the completion of the Construction Documents except for Scope Changes. A "**Scope Change**" is defined as Work described in the Construction Documents that is not reasonably inferable from either the GMP Design Documents or any other previously furnished Contract Documents by a reasonably prudent and careful contractor and is: (i) materially inconsistent with the GMP Design Documents; or (ii) a material change in the quantity, quality, programmatic requirements or other substantial deviation in the GMP Design Documents. Construction Manager acknowledges and agrees that the Construction Documents are not intended to change the scope, quality, quantity, function or design intent of information set forth in the GMP Design Documents and not all differences

between the GMP Design Documents and the Construction Documents, or information first appearing in the Construction Documents, constitute Scope Changes, but rather are scope detailing. After reviewing the Construction Documents provided by the Architect, the Construction Manager shall notify the Owner in writing of any item in the Construction Documents that, in Construction Manager's opinion, represents a Scope Change, setting forth in detail, estimated cost and the reasons the Construction Manager contends that information or requirements of the Construction Documents represent a Scope Change (such a notice referred to as a "**Scope Verification Request**"). Failure of the Construction Manager to provide a Scope Verification Request within thirty (30) calendar days after the date of receipt of the Construction Documents for such portions of the Work to be bid by the Construction Manager shall mean that the Construction Documents are consistent with the GMP Design Documents; no Scope or Schedule Changes exist; and the "Amendment" shall remain unchanged.

- 2.08.13 If Construction Manager timely submits to the Owner a Scope Verification Request, then the Owner shall have the following options:
- 2.08.13.1 Within fifteen (15) calendar days after receipt of a Scope Verification Request, the Owner may direct the Architect to redesign that aspect of the Construction Documents to bring the alleged Scope Verification design into original scope compliance. The Construction Manager shall cooperate with the Owner and Architect during the redesign effort and shall make recommendations appropriate to correct such portions of the Construction Documents. The Architect shall then submit to the Construction Manager and the Owner the revised Construction Documents; or
- 2.08.13.2 If, upon review of a Scope Verification Request, the Owner believes that the portion of the Work described therein does not constitute a Scope Change, the Owner shall so advise the Contractor within fifteen (15) calendar days of receipt of such Scope Verification Request. The Owner and the Construction Manager will attempt to resolve their disagreement and identify elements of the Scope Verification Request that can be revised. If such disagreement is not resolved, the Work described in the Scope Verification Request shall be identified in a schedule (the "**Disputed Work Schedule**") to be prepared and periodically updated by the Owner. Whenever possible, the Owner and the Construction Manager shall resolve items set forth in the Disputed Work Schedule, confirming such resolution in a written memorandum signed by both parties. An appropriate Change Order, if necessary, will then be issued. All items remaining in the Disputed Work Schedule shall be performed by the Construction Manager as required by the Construction Documents. Such disputes shall be resolved in accordance with the Contract Documents. If the Owner does not respond to a Scope Verification Request, the Scope Verification Request shall be deemed disputed by the Owner. Regardless of any disputes between the Construction Manager and the Owner, the Construction Manager shall be responsible for providing all of the Work in accordance with the Construction Documents provided by the Architect and the Contract Documents.
- 2.08.13.3 If, upon review of a Scope Verification Request, the Owner agrees with the Construction Manager's request for an increase in the GMP, an appropriate Change Order will be executed. The Construction Manager shall only be allowed to include the construction phase fee, cost of insurance and cost of bonds applied to the change order amount.
- 2.08.14 Prior to the Construction Phase executed by an Early Release Order or Amendment, the Construction Manager shall procure and furnish to the Owner a performance bond and a payment bond in the form provided by the Owner that satisfy the requirements of the General Conditions (the "**Bonds**"). If an Early Release Order(ERO) is executed prior to the execution of the Amendment, the original performance and payment bonds issued at the time of the ERO execution will be increased utilizing a Rider prepared by the Owner and executed by the Construction Manager and surety. The Construction Manager shall furnish

the Owner a certificate of insurance evidencing it has procured the insurance coverages required for the Construction Phase.

- 2.08.15 Prior to proceeding with the work executed by an Early Release Order or Amendment, the Owner will execute a Notice to Proceed in accordance with Article 9 of the General Conditions. The Construction Manager is required to submit one (1) signed copy of the instruments defined in Article 9. of the General Conditions prior to the first payment.

2.09 **Bidding and Award Services**

- 2.09.1 The Construction Manager shall publicly advertise for competitive bids or proposals for the performance of all major elements of the Work other than minor Work included in the General Conditions Amount (the "**Construction Work**") in accordance with 8.250, RSMo. The Construction Manager shall provide a copy of the invitation to bid (advertisement) document for each bid package to the Owner at least 24 hours prior to the advertisement date to facilitate: 1. posting of the invitation to bid on the Owner's website; and 2. emailing the invitation to bid through the Owner's bid announcement process. Upon such notice to the Owner from the Construction Manager, the invitation to bid will be emailed to all firms that subscribe to the UM System project mailing list, published on the applicable campus website and linked to the UM System, Facilities Planning and Development website. At a minimum, the Construction Manager shall publish an invitation to bid for each bid package on their project management website, provide advertisements to appropriate plan rooms and send bid invitations to prospective subcontractors. Prior to the advertisement of the first bid package, the Construction Manager shall advertise a schedule of bid packages including anticipated advertisement dates and scopes in at least one diverse publication in both Kansas City and St. Louis. This is in addition to other Good Faith Effort strategies. All advertisements shall run for a minimum of ten calendar days. Article 5.1.1 of the General Conditions is hereby deleted, and the award of Subcontracts shall be made pursuant to Section 2.9 of this Agreement.

- 2.09.2 The Construction Manager shall develop bidding criteria, bidding schedules and bidding information for the Construction Work and shall develop bidders' interest in the Project. Upon request by the Owner, the Construction Manager shall provide a list of bidders invited to bid with a corresponding list of those indicating their intent to bid. This list shall indicate whether the bidder is a certified MBE/WBE/DBE/Veteran/Service Disabled Veteran. The Construction Manager shall develop the invitation to bid, instructions to bidders, qualification criteria, the bid form, subcontract and contract documents with Subcontractors, including any addenda issued prior to receipt of bids for the Construction Work. The Construction Manager shall only utilize bidding documents for the Construction Work approved by the Owner in writing. The Construction Manager shall include necessary provisions of the Owner's form of Instructions to Proposers, General Conditions and other applicable terms of this agreement in the bidding documents. This includes the Supplier Diversity Forms and Affidavit provided in the Proposal Documents Manual.

- 2.09.3 The Construction Manager, with the assistance of the Architect, shall conduct Prebid conferences with prospective Bidders to familiarize bidders with the project scope of work, bidding documents for the Construction Work, the Contract Documents, and any special requirements of the Contract Documents including site impact elements such as crane use, man and material hoist use, material access to the building, designated laydown areas, materials management, site logistics/ingress/egress, potential schedule impacts, requirements for applicable, special requirements for site/building and requirements for general clean-up (sub-by-sub clean up or composite crews). The Construction Manager shall obtain responses from the Architect to all questions at Prebid conferences and review Addenda prepared by the Architect to incorporate those responses. The Construction Manager shall prepare a record of the questions and answers discussed at the Prebid conferences, which shall be used by the Architect to prepare Addenda. All pre-bid records

shall be submitted to the Owner's Representative for review and record purposes. Mandatory prebid meetings are allowed with Owner approval only.

The Construction Manager shall assemble the Contract Documents into appropriate packages for the Owner's approval and shall distribute the packages to prospective bidders, the Architect, the Owner and other appropriate persons. The Construction Manager shall review any Addenda and provide a copy to each person of record holding Drawings and Specifications. The Construction Manager shall not impose any conditions, requirements or criteria in the bidding documents that requires potential bidders to be a party to any labor agreement, or to pay wages other than those required in the applicable Annual Wage Order included at the time of bid.

- 2.09.4 If the Construction Manager intends to pre-qualify subcontractors, including design assist subcontractors, the Construction Manager, during the preconstruction phase, shall review their intended prequalification process and criteria with the Owner. The Owner will either approve the process or require modifications there to. The Construction Manager shall comply with the Owner's modification requirements.
- 2.09.5 The Construction Manager shall be allowed to submit bid(s) on elements of the Work in the same manner as subcontractor bids. The Owner will determine if the Construction Manager's bid provides the best value and approve the award of the applicable self-perform Work to the Construction Manager.
- 2.09.5.1 The Construction Manager's staff included in the General Conditions and fee amounts shall not directly manage the self-performed Work. The Construction Manager shall provide separate staff to manage the self-perform Work in the same manner and subject to the same requirements as other subcontractors.
- 2.09.5.2 The Construction Manager shall not create a bid package that provides a competitive advantage for the Construction Manager in the bid process. The Construction Manager shall evaluate all competing bids in a manner that does not place additional restrictions on bidders nor unduly inhibit other bidders in their pursuit of the Work.
- 2.09.5.3 The Construction Manager shall not adjust their self-perform bid(s) after the Construction Manager's bid is submitted. In the event the Construction Manager is established as the successful bidder for applicable Work scope(s), the Construction Manager shall provide written documentation detailing the basis for the award to the Construction Manager, including a list and explanation of all adjustments made to the competing subcontractors bids during the bid review process.
- 2.09.5.4 The Owner reserves the right to terminate the self-perform process if, in the opinion of the Owner, the Construction Manager is out of compliance with self-perform requirements. The Construction Phase fee shall not apply to self-perform work. If the construction phase fee was included in the Guaranteed Maximum price on a specific scope and the Construction Manager is allowed to self-perform this scope, a credit change order will be executed for the return of the Construction Phase fee amount on the self-performed work.
- 2.09.6 The Construction Manager shall utilize the Owner's Unity Construct software or the Construction Manager's software if approved by the Owner, to receive bids in a secure manner and shall coordinate the bid opening process with representatives of the Architect and the Owner. The Owner shall reserve the location of the sealed bid opening and be present at the bid opening for transparency and audit purposes. At said time and place, all bids duly received will be publicly opened and the name of the Bidders and their bid amounts will be read aloud. Subsequent to the opening of the bids and recording/logging of the respondents by-name and categories of work at the bid opening, copies of the bids and all supporting



documents will be shared with representatives of the Construction Manager, Architect and Owner. The Construction Manager will provide a bid tabulation sheet and a proper post-bid process shall be conducted including, review of all bids received for responsiveness, qualifications and responsibility of bidders for Construction Work and deliver a written recommendation of the Construction Manager to the Owner about the award of, or rejection of, any bid or bids in accordance with applicable Law. The CMR shall clearly show the bidders level of participation and/or all supporting documentation with the Application for Waiver demonstrating their "Good Faith Effort" per Article 9 of our Information to Proposers. In making the recommendation, the Construction Manager shall recommend the award to the bidder that provides the Best Value to Owner. The contents of the bids or proposals received by Construction Manager for any element of the Work shall not be disclosed to a person not employed by the Construction Manager, the Owner or the Architect. The contents of any bid or proposal for any element of the Work shall be made public only after the award of such Work.

- 2.09.7 The Construction Work shall only be awarded to the bidder that the Owner, in its sole and absolute discretion, has approved as offering the Best Value to the Owner. The Construction Manager shall not accept any bid or proposal that the Owner, in its sole and absolute discretion, has determined does not offer the Best Value to the Owner for the Work. The award of subcontracts shall be made pursuant to this contract and section 67.050, RSMo.
- 2.09.8 All services performed or provided to and material and equipment supplied to Construction Manager by a Subcontractor or supplier will be pursuant to an appropriate Subcontract between Construction Manager and the Subcontractor or supplier which specifically binds the Subcontractor or supplier to the applicable terms and conditions of the Contract Documents for the benefit of Owner. Each Subcontract shall preserve and protect the rights of Owner under the Contract Documents with respect to the Work to be performed by each Subcontractor and supplier so that subcontracting thereof will not prejudice such rights.
- 2.09.9 In addition to all other requirements of the Contract Documents, all agreements with Subcontractors, including Subcontracts, must expressly provide that (1) the particular Subcontractor or supplier's services are in partial satisfaction of the Construction Manager's obligations to the Owner; (2) the Construction Manager is entering into the particular agreement in order to provide the Owner with the Work which is designed in accordance with the Contract Documents; (3) Subcontractors shall have the same obligations to perform the Work as does the Construction Manager; (4) the Owner shall not be liable to the Subcontractors for the payment of any amounts for services performed, materials supplied and equipment made available by the Subcontractors in the performance of any of the Work, and Subcontractors shall only be entitled to receive payment for any such services, materials and equipment from the Construction Manager; and (5) the terms and provisions of the Contract Documents are incorporated by reference. The Owner shall not be required to pay any amounts for any services, materials or equipment which are provided under any agreement Owner. with Subcontractors which does not contain provisions required under this Agreement, including but not limited to, those provisions in this Section 2.9.9. Upon the Owner's request, the Construction Manager shall provide to the Owner full and complete copies of any agreement with any Subcontractor or supplier, including Subcontracts.
- 2.09.10 Subcontracts and other agreements entered into by the Construction Manager for a portion of the Work shall conform to the applicable payment provisions and limitations of the Contract Documents and shall not be awarded on the basis of cost-plus-a-fee without the prior written consent of the Owner. If a Subcontract or other agreement is awarded on a cost-plus-a-fee basis as permitted herein, the Construction Manager shall provide in such Subcontract or other agreement for the Owner to receive the same audit rights with regard to the Subcontractor as the Owner has with regard to the Construction Manager as provided in the Contract Documents.

- 2.09.11 The Construction Manager as Constructor shall subcontract with diverse firms at values no less than the amount pledged in the subcontractor's Proposal Form and/or the amount accepted by the Owner. All supplier diversity participation documentation (i.e. Supplier Diversity Compliance Evaluation Form (s) and other forms shall be submitted for each scope of work or bid package. All of the requirements listed in Article 9 (Supplier Diversity) of the Instructions to Proposers apply to subcontractors during this phase. The Owner reserves the right to request additional information regarding Supplier Diversity participation and supporting documentation from the recommended bidder. This includes documentation of all efforts to comply with the good faith effort. The bidder shall respond in writing to the Owner within 24-hours (1 work day) of a request. The Owner reserves the right to request additional information after the bidder has responded to prior 24 hour requests. This information may include follow up and/or clarification of the information previously submitted. Payments for that scope of work or bid package will not be executed until all documents to determine Supplier Diversity participation and/or good faith effort has been provided as requested.
- 2.09.12 The Owner recognizes certain work scopes are dependent on weather and other conditions that are variable or beyond the Construction Manager's control. These scopes are to be classified as Site Services and include snow removal, dust control, road cleaning and other variable tasks. An allowance shall be established and included in the GMP to fund Work completed by the site services subcontractor. The allowance amount shall be estimated by the Construction Manager as representative of the actual effort expected. The site services allowance shall be included in the construction phase schedule of values as a line item. Fully burdened hourly rates will be bid for labor and equipment required to complete the anticipated site services scope on a time and material basis. The site services subcontractor shall be allowed to apply a maximum 15 % mark-up on invoice costs for material expended. The Construction Manager may authorize expenditures up to \$25,000 per task without Owner approval. Expenses expected to exceed \$25,000 per task require Owner approval.
- 2.09.13 Design Assist is the early procurement of major subcontractors. The design assist subcontractor shall serve in an advisory role during the preconstruction phase and shall not be required to professionally seal or assume responsibility for the design as would be required in a delegated design process. It is the intent that the design assist subcontractor progresses to the construction phase, but the Construction Manager shall maintain the right to terminate the design assist subcontractor, in which case the scope shall be publicly bid.
- 2.09.13.1 All design assist subcontractor solicitations require Owner approval prior to implementation. Solicitations for design assist subcontractors shall be publicly advertised in the manner described herein and procured using a two-step, competitive proposal process in the same manner as that used by the Owner to procure the services of the Construction Manager.
- 2.09.13.2 All design assist solicitations shall include bids for preconstruction fees, general conditions, cost of work, including insurance costs.
- 2.09.13.3 All design assist proposals shall include a written narrative describing the components comprising the cost of work, inclusions, exclusions, assumptions and clarifications included in the proposal.
- 2.09.13.4 All design assist solicitations shall include a clause providing the Construction Manager with the right to terminate the design assist subcontract in the event the subcontractor does not perform as required.
- 2.09.13.5 At the time the shortlisted firms are notified and invited to submit proposals, the names of the firms selected shall be posted on the Construction Manager's and the Owner's websites and shall include a brief description of the applicable scope of work. In the posting, companies interested in submitting bids shall be directed to submit those bids directly to the

shortlisted firms and shall include the following language: "Bids submitted directly to the Construction Manager, or the Owner will not be accepted".

**2.10 Construction Phase**

- 2.10.1 The Construction Phase shall commence on the date of the "Amendment" establishing the Guaranteed Maximum Price, or the first Early Release Order in the form attached hereto as (the "Early Release Order"). In the event Owner directs the Construction Manager in writing to proceed with certain specified Construction Work before the approval and acceptance of the GMP Documents, Construction Manager shall perform the services set forth in Section 2.9 for such specified Construction Work. Prior to advertising for bids for Work to be performed under an early release order, the construction Manager shall demonstrate that the GMP estimate is within the Owners budget.
- 2.10.2 Early Release Order (ERO) Process
- 2.10.2.1 The CM is required to create bid package(s) applicable to the ERO and publicly advertise for bids as specified in the CMR provisions.
- 2.10.2.2 Bids shall be received through the Owner's Unity Construct project management software and remain secure until the designated bid opening time, at which point they will be opened, and the name of the bidder and the amount of their bid will be read publicly.
- 2.10.2.3 The CM reviews the bids and recommends the supplier(s) and/or subcontractor(s) which provide the best value to the university. The CM's recommendation letter includes the bid tab, recommended bid(s) with a summary leveling document included. The levelling document will itemize the bids received and any adjustments to the bids received and the reason for the adjustment.
- 2.10.2.4 The owner reviews the recommended bids and either concurs with the Construction Manager's recommendation or otherwise directs the Construction Manager.
- 2.10.2.5 Following approval of the bid(s) by the Owner, the CMR submits the ERO in draft form to the Owner for review.
- 2.10.2.6 Price – include a schedule of values like that required for the GMP amendment clearly identifying the Cost of Work, General Conditions applicable to the ERO, Fee applicable to the ERO, builder's risk insurance, contingencies and allowances (if applicable) included in the ERO. Show how the fee was established (What the fee percentage was applied to).
- 2.10.2.7 Schedule – Include the date on which the ERO Work is to be complete.
- 2.10.2.8 ERO Exhibit 1 Drawings and Specifications. Include a concise description of the design documents used to procure the ERO work. This information is documented under items A., B. and C. on the ERO Exhibit 1, Drawings and Specifications form. A complete list of each drawing is not required.
- 2.10.2.9 Exhibit 1. Item D. on the ERO form is reserved for other documents that were used to establish the ERO that are considered contract documents. Note: Geotechnical reports ARE NOT contract documents.
- 2.10.2.10 Include clarifications related to the ERO.
- 2.10.3 Upon the Owner's approval of the bid or proposal for such specified Construction Work pursuant to Section 2.9 of this Agreement, the Owner shall complete the Early Release Order in the form attached hereto, and Construction Manager shall proceed with such specified

Construction Work. When the GMP Documents are approved and accepted by the Owner, the amount of all Early Release Orders shall be incorporated in the "Amendment" establishing the Guaranteed Maximum Price, and the "Amendment" shall supersede all Early Release Orders. In the event the Owner and Construction Manager cannot agree upon the terms of Amendment, the Owner may terminate all outstanding Early Release Orders in the manner set forth in Section 14.3 of the General Conditions, and the Construction Manager shall only be entitled to the amounts set forth in Section 14.3.3 of the General Conditions in the event of such termination.

- 2.10.4 It shall be a condition precedent to the Construction Manager's right to receive any amounts for any Work during the Construction Phase that the Owner has executed an Early Release Order, or that the Owner and Construction Manager have executed the GMP Amendment.
- 2.10.5 The Construction Manager shall provide and furnish the Work described in the Contract Documents in a safe, expeditious, orderly and workmanlike manner.
- 2.10.6 The Construction Manager shall schedule and conduct weekly meetings at which the Architect and the Owner and appropriate Subcontractors can discuss the status of the Work. The Construction Manager shall prepare and promptly distribute meeting minutes.
- 2.10.7 The Construction Manager shall provide monthly written reports to the Architect and the Owner on the progress of the entire Work, which shall include such information as safety reports, the Construction Manager's daily logs, Construction Schedule updates, a summary of lost weather days, a summary of contingency and allowance expenditures and a forecast of future expenditures, change order log, progress photographs, quality control reports, submittal log, Request for Information log, close-out commissioning schedule and other information reasonably requested by the Owner. The Construction Manager's daily log shall include a record of weather, Subcontractors working on the site, number of workers, Work accomplished, problems encountered and other similar relevant data. The Construction Manager shall provide periodic reports as requested by the Owner regarding the status of the implementation of the Sustainability Measures, including but not limited to quantity surveys of recycled materials utilized for the Project.
- 2.10.8 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 Architect and the Owner at regular intervals.
- 2.10.9 Construction Manager shall provide a ten (10) hour Occupational Safety and Health Administration ("OSHA") construction safety program for all employees who will be on-site during the Work. The construction safety program shall include a course in construction safety and health approved by OSHA or a similar program approved by the Missouri Department of Labor and Industrial Relations which is at least as stringent as an approved OSHA program as set forth in RS Mo. §292.675. The Construction Manager shall require all on-site employees who have not previously completed the OSHA safety program as set forth in RS Mo. §292.675 to complete the program within sixty (60) days after the commencement of the Work. The Construction Manager acknowledges and agrees that any of Construction Manager's employees found on the Project site without documentation of the successful completion of an OSHA construction safety program as set forth in RS Mo. §292.675 shall be required to produce such documentation within twenty (20) days or be subject to removal from the Project. The Construction Manager shall require all Subcontractors to comply with the requirements set forth in this Section 2.10.7 and the requirements set forth in RS Mo. §292.675. The Construction Manager acknowledges and agrees that the Construction Manager shall be subject to the penalties set forth in RS Mo. §292.675 in the event the Construction Manager or a Subcontractor fails to comply with the requirements of this Section

2.10.7. The Owner shall have the right to withhold and retain from amounts otherwise due to Construction Manager under the Contract Documents all sums due and owing as a result of any violation of the provisions of this Section 2.10.7 or RS Mo. 292.675.

- 2.10.10 At all times during the performance of any services or Work hereunder, the Construction Manager shall participate in a federal work authorization program concerning all employees providing any services or the Work. The Construction Manager shall provide proof of its participation in such federal work authorization program from time to time as requested by the Owner. The Construction Manager shall require that all Subcontractors shall affirmatively state by affidavit and in each Subcontract that the Subcontractor is not in violation of the provisions of RS Mo. §285.530 and shall not be in violation of the provisions of RS Mo. §285.530.
- 2.10.11 Construction Manager shall provide a qualified competent person or persons (within the CMR company), separate from the Superintendent Team or Project Management Team, to act as the CMR contractor's Quality Control Manager or CQM. The CQM will report to a CMR company Executive or Director. The CQM is responsible for planning, scheduling, coordinating, conducting, documenting and verifying all quality management, control and commissioning activities as required. The CQM will execute the following, but not limited to, review all project submittals and shop drawings, coordinate same between all trades, conduct pre-installation and installation meetings and organize, schedule, conduct, and distribute meeting minutes and other documentation required.
- 2.10.12 Construction Manager shall provide monthly updates detailing the status of minority participation during the construction phase.
- 2.10.13 Construction Waste Management - The Construction Manager shall have as a goal the diversion of fifty percent (50%) of construction waste from deposit in a sanitary landfill. The goal is to recycle and/or salvage 50% of non-hazardous construction and demolition. The Construction Manager shall maintain records of the actual destinations for material by type and quantity and shall provide the Owner with a written report monthly.
- 2.10.14 The Owner may, at its sole discretion, provide electronic data files of the plans and specifications to the Contractor for their convenience and use in progressing the Work and the preparation of shop drawings or other submittal requirements required for construction of the referenced project. The electronic data files shall reflect "blue line" (Construction Documents + Bid Addenda) only. If provided, these files will be transmitted subject to the following terms and conditions:
- 2.10.14.1 The Owner makes no representation as to the compatibility of these files with the Contractor's hardware or software.
- 2.10.14.2 Data contained on these electronic files shall not be used by the Contractor or anyone else for any purpose other than as a convenience in progressing the Work or in the preparation of shop drawings or other required submittals for the referenced project. Any other use or reuse by the Contractor or by others will be at their own sole risk and without liability or legal exposure to Owner. The Contractor agrees to make no claim and hereby waive, to the fullest extent permitted by law, any claim or cause of action of any nature against the Owner and its consultants, contractors, agents, employees, and representatives that may arise out of or in connection with the use of the electronic files transmitted.
- 2.10.14.3 Furthermore, the Contractor shall, to the fullest extent permitted by law, indemnify and hold harmless the Owner and its consultants, contractors, agents, employees, and representatives, against all damages, liabilities or costs, including reasonable attorney's fees and defense costs, arising out of or resulting from the use of these electronic files.

- 2.10.14.4 These electronic files are not contract documents. Differences may exist between these electronic files and corresponding hard-copy construction documents. The Owner makes no representation regarding the accuracy or completeness of the electronic files you receive. In the event that a conflict arises between the signed or sealed hard-copy construction documents prepared by the Consultant and the electronic files, the signed and sealed hard-copy construction documents shall govern. The Contractor is responsible for determining if any conflict exists. By use of these electronic files, the Contractor is not relieved of their duty to fully comply with the contract documents.
- 2.10.14.5 Because information presented on the electronic files can be modified, unintentionally or otherwise, the Owner reserves the right to remove all indications of ownership and/or involvement from each electronic display.
- 2.10.14.6 Under no circumstances shall delivery of the electronic files be deemed a sale by the Owner and no warranties are made, either expressed or implied, of merchantability and fitness for any particular purpose. In no event shall the Owner be liable for any loss of profit, or any consequential damages as a result of use or reuse of these electronic files.

### **ARTICLE 3**

#### **OWNER'S RESPONSIBILITIES**

- 3.01 The Owner will, with reasonable promptness, provide Construction Manager with available information regarding its proposed requirements for the Project.
- 3.02 The Owner shall establish and update the Construction Costs Budget for the Project during the Preconstruction Phase.
- 3.03 The Owner shall designate a representative authorized to serve as the Construction Manager's primary communication contact with the Owner.

### **ARTICLE 4**

#### **CONTRACT TIME**

- 4.01 The Construction Manager shall commence Preconstruction Phase Services promptly and shall proceed with and complete such Preconstruction Phase Services in accordance with the schedule set forth in **Exhibit C** attached hereto.
- 4.02 The Construction Manager shall commence the Construction Phase Services and Work on the date that the first Subcontract is awarded by the Construction Manager and Construction Manager shall proceed with the Work in accordance with the Construction Schedule attached to the Early Release Order or the Amendment establishing the Guaranteed Maximum Price. Construction Manager shall achieve Substantial Completion and Final Completion on or before the dates established for Substantial Completion and Final Completion in the Amendment. The contract time and schedule milestones set forth in Amendment Exhibit Three of the Amendment shall take precedence over the initial construction schedule included in the Request for Proposals Exhibit B.
- 4.03 The term "**Contract Time**" shall collectively mean the time requirements for Preconstruction Phase Services, the date Construction Manager is to achieve Substantial Completion, the date Construction Manager is to achieve Final Completion, and the interim Milestone Dates set forth in the approved Construction Schedule. The Contract Time, including all interim Milestone Dates set forth in the Construction Schedule, is of the essence of this Agreement and the Contract Documents.
- 4.04 In addition to all other documents and information required by the Contract Documents, the Construction Manager, in support of any request for an extension of the Contract Time, must

demonstrate to the satisfaction of the Owner that the critical path of the Construction Schedule was delayed as described in Article 8.2 of the General Conditions.

- 4.05 In the event that the Construction Manager is entitled to an adjustment in the Contract Sum pursuant to Section 8.2.4 of the General Conditions, the term "direct costs" shall be limited to the increase in those items set forth in **Exhibit D** attached to this Agreement that are applicable and does not include any other items. Such additional direct costs shall be supported by detailed substantiating data as the Owner may require.

## **ARTICLE 5**

### **COMPENSATION AND PAYMENTS FOR PRECONSTRUCTION PHASE SERVICES**

- 5.01 The Owner agrees to pay Construction Manager for the proper performance of Preconstruction Phase Services the sum stipulated in the Agreement (the "**Preconstruction Phase Fee**"). Any and all salaries, expenses, costs, charges, fees, overhead and profit related to Construction Manager's performance of Preconstruction Phase Services are included in the Preconstruction Phase Fee. Construction Manager shall submit invoices for Preconstruction Phase Services rendered pursuant to this Agreement on a monthly basis as required herein. The period covered by each invoice shall be for the Preconstruction Phase Services rendered pursuant to this Agreement during the previous calendar month. The Schedule of Values attached hereto as **Exhibit C** allocates the entire Preconstruction Phase Fee among the various aspects of the Services ("**Preconstruction Schedule of Values**"). The Preconstruction Schedule of Values shall be used solely as a basis of the Owner's review of Construction Manager's invoices for Preconstruction Phase Services. The amount of each monthly invoice shall represent the value of Services actually and properly performed during the prior calendar month in accordance with the Preconstruction Schedule of Values and shall be calculated as the percentage of each category of Preconstruction Phase Services reflected in the Preconstruction Schedule of Values actually and properly performed during the prior calendar month. The monthly invoices shall be in a form and in the detail acceptable to the Owner and such invoices shall be accompanied by such supporting data as may be required by the Owner. If the Preconstruction Schedule of Values which is attached hereto as **Exhibit C** is subsequently found to be improper, unbalanced or exhibits "front loading" of the value of Preconstruction Phase Services, sufficient funds shall be withheld from future invoices or Applications for Payment.
- 5.02 The Owner shall pay Construction Manager the amount of the Preconstruction Phase Fee due as reflected in a proper invoice within thirty (30) days from receipt and approval of a properly detailed and submitted invoice as required hereunder
- 5.03 The Owner may withhold monies otherwise due Construction Manager upon reasonable evidence of Construction Manager's failure to perform in accordance with the terms and conditions of this Agreement and/or to satisfy any amounts payable to the Owner by Construction Manager under the terms of this Agreement. The Owner will provide written notice to Construction Manager of the reasons therefore and shall thereafter provide Construction Manager with a reasonable opportunity to cure. When all reasons supporting the Owner's withholding have been removed to the Owner's reasonable satisfaction, the Owner agrees to pay promptly any monies withheld that are otherwise due Construction Manager.

## **ARTICLE 6**

### **COMPENSATION FOR CONSTRUCTION PHASE WORK**

- 6.01 **Contract Sum and Guaranteed Maximum Price**

- 6.01.1 The Owner agrees to pay the Construction Manager for the proper performance of the Work during the Construction Phase the Contract Sum consisting of the Cost of the Work as defined in Article 7, the General Conditions Amount and the Construction Phase Fee. Any and all direct overhead for the Work, including, but not limited to, the salaries, expenses, costs, and charges set forth in **Exhibit D**, are included in the General Conditions Amount. The parties acknowledge that Construction Manager has submitted a proposal for the Construction Phase Fee as a percentage of the Cost of the Work. Construction Manager shall not include in the scope of the Work of any Subcontractor, any items covered by the General Conditions Amount that result in a duplication of payment for any item covered by the General Conditions Amount ("Duplication of Payment") and Construction Manager shall not pay any Duplication of Payment to a Subcontractor. With each Application for Payment, Construction Manager shall provide Owner an Affidavit verifying that it has complied with its obligations hereunder. In the event of any Duplication of Payment, Construction Manager shall immediately pay the Owner the amount of any Duplication of Payment.
- 6.01.2 At the time the Amendment establishing the GMP is entered into, the Construction Phase Fee shall be converted to a stipulated sum and shall be a sum equal to the percentage amount stipulated in line 2.7 of the Agreement between the Owner and Construction Manager as Constructor applied to the estimated Cost of the Work. Any and all profit and indirect overhead for the Work, including, but not limited to, the salaries, costs, charges and items set forth in **Exhibit D** are included in the Construction Phase Fee. The Construction Phase Fee shall not be subject to change except as provided herein. For purposes of establishing the stipulated Construction Phase Fee amount, the contingency and allowances approved by the Owner and the Cost of Work described in Article 7 are subject to the Construction Phase Fee Percentage. No fee will be allowed on Cost of the Work self-performed by the Construction Manager. In the event the Construction Manager self-performs portions of the Work by submitting an acceptable bid following the execution of the amendment establishing the GMP, the Construction Phase Fee will be reduced by applying the fee percentage to the self-perform bid amount. Such reduction shall remain in the GMP as part of buy-out savings
- 6.01.3 The sum of the Cost of the Work, the General Conditions Amount and the Construction Phase Fee are guaranteed by the Construction Manager not to exceed the amount provided in the Amendment establishing the GMP, subject to additions and deductions by changes in the Work as provided in the Contract Documents, subject to the limitation set forth in Section 6.1.5 of this Agreement. Such maximum sum as adjusted by approved changes in the Work is referred to in the Contract Documents as the "**Guaranteed Maximum Price**." Costs which would cause the Guaranteed Maximum Price to be exceeded shall be paid by the Construction Manager without reimbursement by the Owner.
- 6.01.4 The positive difference as of the date of Final Completion of the entire work between (i) the total aggregate sum of the Cost of the Work, the General Conditions Cost and the Construction Phase Fee; and (ii) the Guaranteed Maximum Price upon Final Completion of the entire Work shall be returned in its entirety to the benefit of the Owner via credit change order. The credit amount shall include a reduction in the Construction Phase Fee by applying the fee percentage to the positive balance.
- 6.01.5 The Guaranteed Maximum Price is subject to adjustment for Change Orders authorized in accordance with the Contract Documents. Regardless of any contrary provision contained in the Contract Documents, there shall be no change in the Construction Phase Fee, unless and until the aggregate amount of Change Orders exceed three percent (3%) of the Guaranteed Maximum Price. This 3% fee holiday shall apply to all change orders in aggregate, including those written under Early Release Orders executed prior to establishment of the GMP and execution of the Amendment.

6.02 **Changes in the Work**



- 6.02.1 Changes in the Work may be accomplished after execution of this Agreement and GMP Amendment and without invalidating the Contract by Change Order, Change Directive, or order for a minor change in the Work, subject to the limitations stated in this Article 6 and Article 7 of the General Conditions.
- 6.02.2 A Change Order shall be based upon agreement between the Owner and Construction Manager; a Change Directive may be issued by Owner and may or may not be agreed to by Construction Manager; an order for a minor change in the Work may be issued by Owner as described below. Changes in the Work shall be performed under applicable provisions of the Contract Documents, and Construction Manager shall proceed promptly, unless otherwise provided in the Change Order, Change Directive or order for a minor change in the Work.
- 6.02.3 Minor changes in the work, clarifications and responses to questions submitted formally by the Construction Manager may be ordered using a supplemental instruction or similar document generated by the Architect or the Owner. Contractor shall carry out such work in accordance with directions included in the instruction unless there is an impact to the Contract sum or Contract time. In the event there is a cost or time impact, Contractor Manager shall immediately notify the Owner's Representative for direction. All such minor changes shall be included in the final record drawings prepared by the Construction Manager.
- 6.02.4 Construction Manager hereby acknowledges that Owner's Representative is the only person who can order changes in the Work, and Construction Manager shall not comply with requested changes from any person other than Owner's Representative. If Construction Manager receives a request for changes from any person other than Owner's Representative, Construction Manager shall report such request to Owner's Representative for resolution. Any work completed by Construction Manager not authorized by Owner's Representative in a Change Order, Change Directive or an order for minor change in the Work shall be at Construction Manager's sole cost and expense and shall be deemed a waiver of all rights Construction Manager may have for any adjustment in the Contract Sum or Contract Time.
- 6.02.5 If requested by the Owner, Subcontractor shall obtain competitive bids for changes and Subcontractor shall deliver such bids to Construction Manager and Owner, who will then determine which bids to accept, if any. If any agreement by and between a Subcontractor and a Lower-Tier Subcontractor provides that the Lower-Tier Subcontractor is to be paid on the basis of the cost of the Work plus a fee as permitted herein, the Lower-Tier Subcontractor's cost of the Work and fee shall be determined in the same manner as Subcontractor's Cost of the Work and fee as provided for herein. All Lower-Tier Subcontracts shall be subject to all other provisions of the Contract Documents insofar as applicable.
- 6.02.6 When Owner and Construction Manager agree to adjustments in the Contract Sum and Contract Time, or otherwise reach agreement upon the adjustments, such agreement shall be effective immediately and shall be recorded by preparation and execution of an appropriate Change Order.
- 6.03 **Minor Changes in the Work**
- 6.03.01 Owner will have authority to order minor changes in the Work not involving adjustment in the Contract Sum or extension of the Contract Time and not inconsistent with the intent of the Contract Documents. Such changes shall be effected by written order and shall be binding on Construction Manager. Construction Manager shall carry out such written orders promptly.
- 6.04 **Other Change Matters**

- 6.04.1 The amount of credit to be allowed by Construction Manager to Owner for any change which results in a net decrease in cost will be the amount of actual net decrease in cost. No reduction in Construction Manager's Construction Phase fee shall apply.
- 6.04.2 Overtime, when specifically authorized in connection with a change and not as an Extraordinary Measure, shall be paid for by Owner on the basis of premium payment only, plus the cost of insurance and taxes based on the premium payment period. Overhead and profit will not be paid by Owner for overtime.
- 6.04.3 Percentage mark-ups for Change Orders as specified in Article 7 of the General Conditions for both adds and deducts, do not apply directly to the Construction Manager. In the event the Construction Manager self-performs some component of the Change Order scope as authorized in advance by the Owner, the Construction Manager shall be allowed to apply the construction phase fee percentage to the self-performed component only. Subcontractors performing change order work shall be subject to the markup percentages specified in Article 7 of the General Conditions. The Construction Manager shall be allowed to add up to two percent (2%) to the value of change orders to cover the costs of bonds, insurance and associated costs.

## **ARTICLE 7**

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

- 7.01 The term “**Cost of the Work**” shall mean the costs necessarily incurred by the Construction Manager in the proper performance of the Work for only the following items:
- 7.01.1 Payments made by Construction Manager to Subcontractors in accordance with the requirements of the Subcontracts;
- 7.01.2 Premiums for providing the performance bond and payment bond required by this Agreement; and
- 7.01.3 Premiums for Construction Manager providing insurance required by Article 11 that can be directly attributable to this Agreement.
- 7.01.4 The amount of the Construction Manager's bid accepted by the Owner for Construction Work, as set forth in this contract.
- The Construction Phase Fee will be applied to the contingency amount and the allowances included in the GMP. No fee will be allowed on Cost of the Work self-performed by the Construction Manager
- 7.02 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 secured. Construction Manager shall not obtain for its own benefit any discounts, rebates or refunds in connection with the Work prior to providing Owner with ten (10) days prior written notice of the potential discount, rebate or refund and an opportunity to furnish funds necessary to obtain such discount, rebate or refund on behalf of Owner in accordance with the requirements of this Section. Amounts that accrue to Owner in accordance with the provisions of Section 7.2 of this Agreement shall be credited to Owner as a deduction from the Cost of Work.

- 7.03 Construction Manager or any affiliated person or entity which performs a portion of the Work shall keep full and detailed accounts and exercise such controls as may be necessary for proper financial management under this Agreement, and the accounting and control systems shall be satisfactory to Owner. Owner and its representatives shall be afforded access to, and shall be permitted to audit and copy, Construction Manager's records, books, correspondence, instructions, receipts, contracts, purchase orders, vouchers, memoranda and other data relating to this Agreement. All records shall be maintained in accordance with generally accepted accounting procedures, consistently applied. Subcontractors retained by Construction Manager on a "cost-plus" basis shall have the same obligations to retain records and cooperate with audits as are required by the Construction Manager under this Section 7.3 and the Contract Documents. If any inspection by the Owner of the Construction Manager's records, books, correspondence, instructions, drawings, receipts, vouchers, memoranda, and any other data relating to the Contract Documents reveals an overcharge, the Construction Manager shall pay the Owner upon demand an amount equal to one hundred twenty percent (120%) of such overcharge, as reimbursement for said overcharge and the administrative expenses incurred in determining the overcharge.

## **ARTICLE 8**

### **CONSTRUCTION PHASE PROGRESS PAYMENTS**

- 8.01 Based upon Applications for Payment submitted to the Owner by the Construction Manager, 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.
- 8.02 Each Application for Payment shall be based upon the most recent Construction Schedule of Values submitted by the Construction Manager in accordance with Article 9.3 of the General Conditions.
- 8.03 Applications for Payment shall show the percentage completion of each portion of the Work as of the end of the period covered by the Application for Payment. The percentage 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 which 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 Construction Schedule of Values.
- 8.04 Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:
- 8.04.1 Take that portion of the Guaranteed Maximum Price properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Guaranteed Maximum Price allocated to that portion of the Work in the Construction Schedule of Values less retainage of five percent (5%).
- 8.04.2 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 five percent (5%).
- 8.04.3 Add the General Conditions Amount, less retainage of five percent (5%). The General Conditions Amount shall be an amount which bears the same ratio to that fixed sum General Conditions Amount as the Cost of the Work in subsections .1 and .2 above bears to a reasonable estimate of the probable Cost of the Work.

- 8.04.4 Add the Construction Phase Fee, less retainage of five percent (5%). The Construction Phase Fee shall be an amount which bears the same ratio to that fixed-sum Construction Phase Fee as the Cost of the Work subsections .1 and .2 above bears to a reasonable estimate of the probable Cost of the Work upon its completion.
- 8.04.5 Subtract the aggregate of previous payments made by the Owner.
- 8.04.6 Subtract the shortfall, if any, indicated by the Construction Manager in the documentation required by Section 8.4 to substantiate prior Applications for Payment, or resulting from errors subsequently discovered by the Owner or its accountants in such documentation
- 8.04.7 Subtract amounts, if any, for which the Architect or the Owner have withheld or nullified a Certificate for Payment as provided in the General Conditions.
- 8.05 Except with the Owner prior written approval, payments to Subcontractors shall be subject to retention of not less than five percent (5%). The Owner and the Construction Manager shall agree upon a mutually acceptable procedure for review and approval of payments and retention for each Construction Contract.
- 8.06 Except with the Owner prior written 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.
- 8.07 In addition to all other requirements of the Contract Documents, each Application for Payment shall be accompanied by the following:
- 8.07.1 Weekly employee payrolls for the Construction Manager and all Subcontractors. Each Application for Payment shall be accompanied by a certified copy of employee payrolls, submitted on a form approved by the Owner and covering the Work performed during the time covered by the Application for Payment. No payment will be due and no Application for Payment processed by the Owner until all pertinent payroll documents have been completed and approved;
- 8.07.2 If required by the Owner, a current Construction Manager's receipt and partial release form and a sworn statement showing all Subcontractors and/or suppliers, the amount of each such subcontract, the amounts which have been paid to all Subcontractors and suppliers, the amount requested for any Subcontractor and supplier in the requested progress payment, and the amount to be paid to any Subcontractor or supplier from such progress payment, together with similar receipt and partial release forms and/or sworn statements from all such Subcontractors and suppliers; and
- 8.07.3 All information and materials required to comply with the requirements of the Contract Documents or reasonably requested by the Owner or the Architect.
- 8.08 In addition to all other requirements of the Contract Documents, the Owner shall not be obligated to make any progress payments to Construction Manager unless and until Construction Manager provides the Owner and the Architect with all certificates of insurance required herein; an executed Amendment; and the Bonds.
- 8.08.1 Retainage shall be released as provided for in Section 9.9.3 of the General Conditions. If, in the judgement of the Owner and the Architect, a subcontractor has successfully completed their work scope, and the Work is progressing satisfactorily, the Owner will reduce or eliminate retainage for that subcontractor only at the request of the Construction Manager.

## **ARTICLE 9**

## **CONSTRUCTION PHASE FINAL PAYMENT**

- 9.01 Final payment, including retainage, shall be made by the Owner to the Construction Manager when (1) the Contract has been fully performed by the Construction Manager except for the Construction Manager's responsibility to correct nonconforming Work, as provided in Section 12.2.1 of the General Conditions, and to satisfy other requirements, if any, which necessarily survive final payment; (2) a final Application for Payment and a final accounting for the Cost of the Work have been submitted by the Construction Manager and approved by the Architect and the Owner and (3) the Architect's final certification is received by the Owner.
- The Construction Manager shall refund, via credit change order, the remaining balances within the Construction Manager's GMP contingency and allowances, the amount resulting from the Construction Phase Fee percentage applied to the unused GMP contingency and allowance amounts.
- 9.02 The amount of the final payment shall be calculated as follows:
- 9.02.1 Take the sum of the Cost of the Work substantiated by the Construction Manager's final accounting and the Construction Phase Fee, but not more than the Guaranteed Maximum Price.
- 9.02.2 Subtract amounts, if any, for which the Owner and/or the Architect withhold, in whole or in part, as provided in Section 9.6 of the General Conditions or other provisions of the Contract Documents.
- 9.02.3 Subtract the aggregate of previous payments made by the Owner.  
If the aggregate of previous payments made by the Owner exceeds the amount due the Construction Manager, the Construction Manager shall reimburse the difference to the Owner.
- 9.03 The Construction Manager shall provide a full accounting of project expenditures prior to the application for final payment. The Owner will review and report in writing on the Construction Manager's final accounting within forty-five (45) days after delivery of the final accounting to the Owner and the Architect by the Construction Manager. Within seven (7) days from receipt of the Owner's report, the Architect shall certify the amount of the Final Payment as substantiated by the Owner's report, provided the other conditions of this Article 9 have been met.
- 9.04 All records shall be maintained in accordance with generally accepted accounting procedures, consistently applied. If any inspection by the Owner of the Construction Manager's records, books, correspondence, instructions, drawings, receipts, vouchers, memoranda, and any other data relating to the Contract Documents reveals an unsubstantiated charge and/or overcharge, the Construction Manager shall pay the Owner upon demand an amount equal to one hundred twenty percent (120%) of such unsubstantiated charge and/or overcharge, as reimbursement for said unsubstantiated charge and/or overcharge and the administrative expenses incurred in determining the unsubstantiated charge and/or overcharge.

## **ARTICLE 10**

### **INSURANCE REQUIRED OF CONSTRUCTION MANAGER**

### **DURING THE PRECONSTRUCTION PHASE**

- 10.01 **General**
- 10.01.1 The Construction Manager shall secure from the date of this Agreement and maintain for such periods of time set forth herein, including the Preconstruction Phase, insurance of such types and in such amounts specified in Article 11 of the General Conditions, to protect

against the risks of loss described in the General Conditions, excluding Builder's Risk Insurance described in Article 11.6 of the General Conditions.

10.02  
10.02.1

**Professional Liability**

Construction Manager shall, from the date of this Agreement and for a period of at least ten (10) years from the date of Final Completion of the entire Work, maintain insurance for claims arising out of the negligent performance of Construction Manager's Preconstruction Phase Services. The liability limits under such policy shall not be less than One Million Dollars (\$1,000,000.00) per occurrence and One Million Dollars (\$1,000,000.00) aggregate.

**ARTICLE 11**  
**INSURANCE REQUIRED OF CONSTRUCTION MANAGER**  
**DURING THE CONSTRUCTION PHASE**

11.01  
11.01.1

**General**

The Construction Manager shall secure from the commencement of the Construction Phase and for such periods of time as set forth below, insurance of such types and in such amounts specified below as set forth in the Contract Documents, including Article 11 of the General Conditions. The Construction Manager shall provide to the Owner a certificate of insurance and other documents evidencing such insurance as required by the Contract Documents prior to execution of an Early Release Order or GMP Amendment. The insurance coverage shall be as required by Article 11 of the General Conditions or as modified in the Special Conditions of the Proposal Documents Manual.

11.01.2

The Owner will not pay for subcontractor default insurance or bonding for subcontracts.

**ARTICLE 12**  
**BONDS**

12.01

Prior to the Construction Phase established by an Early Release Order or Amendment, the Construction Manager shall procure and furnish to the Owner the Bonds that satisfy the requirements of the General Conditions, including Section 11.7 of the General Conditions.

**ARTICLE 13**  
**PROPERTY INSURANCE DURING THE CONSTRUCTION PHASE**

13.01

At all times during the Construction Phase, Construction Manager shall procure and maintain builder's risk insurance as set forth in Section 11.6 of the General Conditions, or as modified in the Special Conditions of the Proposal Documents Manual.

**ARTICLE 14**  
**INDEPENDENT CONTRACTOR**

14.01

It is understood and agreed that Construction Manager is acting as an independent contractor in performance of Construction Manager's obligations hereunder. Nothing herein contained shall be construed as creating the relationship of principal and agent or employer and employee or a partnership between the Owner and Construction Manager. Neither the Construction Manager nor any of its employees is entitled to receive from the Owner any insurance coverage, pension, profit sharing, paid vacation, sick leave, disability or other benefits normally provided by the Owner to their officers, agents or employees.

**ARTICLE 15**  
**ASSIGNMENT**

- 15.01 Construction Manager shall not assign this Agreement nor the proceeds hereof without the prior written consent of the Owner. Any attempt to assign this Agreement without the prior written consent of the Owner shall be void and confer no rights on any third party.

**ARTICLE 16**  
**DISPUTE RESOLUTION**

- 16.01 Any controversy, claim or dispute arising out of or relating to the interpretation, construction, or performance of this Agreement, including, but not limited to, the Services of Contract Manager during the Preconstruction Phase shall be governed by the procedures set forth in Article 4 of the General Conditions.
- 16.02 Construction Manager shall continue with the performance of the Services hereunder during the pendency of any claim, dispute or controversy, or other proceeding to resolve such claim, dispute or controversy. The Owner shall continue to make payments of undisputed amounts to Construction Manager in accordance with the Contract Documents, but the Owner shall be under no obligation to make payments to Construction Manager of disputed amounts or for claims, disputes, or controversies during the pendency of any proceeding to resolve such claims, disputes or controversies.

**ARTICLE 17**  
**SUSPENSION DURING PRECONSTRUCTION PHASE**

- 17.01 The Owner shall have the authority to suspend the Preconstruction Phase Services, in whole or in part, for such periods and for such reasons as it may deem necessary or desirable, in its sole discretion, including, without limitation:
- 17.01.1 to resolve coordination technical or design matters;
- 17.01.2 other conditions considered unfavorable for the scheduled prosecution of the Services; and/or
- 17.01.3 other conditions considered adverse to the best interests of the Owner
- 17.02 Any such suspension shall be in writing to Construction Manager. Construction Manager shall immediately comply with such orders of the Owner and shall not resume the Services hereunder until so ordered in writing by the Owner.

**ARTICLE 18**  
**TERMINATION OF AGREEMENT DURING PRECONSTRUCTION SERVICES**

- 18.01 The Owner may, at any time and for any reason, including, without limitation, for its own convenience and at its sole discretion, cancel or terminate this Agreement in whole or in part during the Preconstruction Phase upon five (5) days written notice to Construction Manager without liability other than payment of the fees for the Preconstruction Services properly performed up to the date of termination based upon services provided. In no event shall Construction Manager be entitled to any other compensation from or recovery of any damages in connection with any termination hereunder, including, without limitation, consequential damages, lost opportunity costs, lost profits, impact damages or similar remuneration. The sole compensation that Construction Manager shall be entitled to because of any termination hereunder is limited to amounts for the value of the Preconstruction Services properly performed up to the date of termination based upon the Preconstruction Schedule of Values.
- 18.02 If the Construction Manager defaults by failing to substantially perform its obligations and responsibilities in accordance with the terms of this Agreement the Owner may give written notice to the Construction Manager (i) terminating this Agreement effective seven (7) days

from the date of such written notice, or (ii) setting forth the nature of the default and requesting the Construction Manager initiate efforts to cure such default within seven (7) days from the date of the written notice requesting such efforts to cure. If the Construction Manager fails to initiate efforts to cure such default upon such written request of the Owner and diligently cure such default, the Owner may provide written notice to the Construction Manager of immediate termination of this Agreement. If this Agreement is terminated pursuant to this Section 22.2, the Owner shall pay Construction Manager the fees for the Preconstruction Services properly performed up to the date of termination based upon the Preconstruction Schedule of Values, less all costs, expenses and damages caused by the Construction Manager's default, including, but not limited to, attorneys' fees and expert's fees.

- 18.03 Upon receipt of any notice of termination, Construction Manager shall promptly (1) discontinue all affected Services (unless the notice directs otherwise), and (2) promptly deliver to the Owner all design documents and all sepias and copies of all completed or partially completed drawings, specifications, sketches, models, reports, calculations, tapes, charts, photographs, data, estimates, summaries and such other information and materials as may have been accumulated by Construction Manager in performing this Agreement, whether completed or in process.
- 18.04 If a court determines that termination of the Construction Manager pursuant to Section 22.2 was wrongful, such termination will be deemed converted to a termination for convenience pursuant to Section 19.1 and Construction Manager's remedy for wrongful termination is limited to the recovery of the payments permitted for termination for convenience as set forth in Section 19.1.
- 18.05 The rights and remedies of the Owner under this Section are non-exclusive and are in addition to all other remedies available to the Owner under this Agreement or by Law.

#### **ARTICLE 19**

#### **TERMINATION DURING CONSTRUCTION PHASE**

- 19.01 The Owner shall have the right to terminate this Agreement during the Construction Phase as provided in Article 14 of the General Conditions.

#### **ARTICLE 20**

#### **MISCELLANEOUS**

- 20.1 The Agreement and the Contract Documents are the exclusive statement of the agreement of the parties with respect to its subject matter and this Agreement and the Contract Documents supersede and replace all prior agreements, discussions and representations, whether written or oral, relating to the subject matter hereof. No amendment or modification of this Agreement shall be effective unless the same is in writing and signed by the parties.
- 20.2 Construction Manager and Owner agree to do all acts and things and to make, execute and deliver such written instruments, as shall from time to time be reasonably required to carry out the terms and provisions of this Agreement and the Contract Documents.
- 20.03 This Agreement and the Contract Documents shall be interpreted, construed, enforced and regulated under and by the laws of the State of Missouri. Whenever possible, each provision of this Agreement and the Contract Documents shall be interpreted in a manner as to be effective and valid under applicable law. If, however, any provision of this Agreement or the Contract Documents, or a portion thereof, is prohibited by law or found invalid under any law, only such provision or portion thereof shall be ineffective, without invalidating or affecting the remaining provisions of this Agreement or the Contract Documents or valid portions of such provision, which are hereby deemed severable. Construction Manager and Owner further



agree that in the event any provision of this Agreement or the Contract Documents, or a portion thereof, is prohibited by law or found invalid under any law, this Agreement or the Contract Documents shall be reformed to replace such prohibited or invalid provision or portion thereof with a valid and enforceable provision which comes as close as possible to expressing the intention of the prohibited or invalid provision.

- 20.04 Owner total liability to Construction Manager and anyone claiming by, through, or under Construction Manager for any Claim, cost, loss, expense or damage caused in part by the fault of Owner and in part by the fault of Construction Manager or any other entity or individual shall not exceed the percentage share that Owner's fault bears to the total fault of Owner, Construction Manager and all other entities and individuals as determined on the basis of comparative fault principles
- 20.05 Construction Manager agrees that Owner shall not be liable to Construction Manager for any special, indirect, incidental, or consequential damage whatsoever, whether caused by Owner's negligence, fault, errors or omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever. Such special, indirect, incidental or consequential damages include, but are not limited to loss of profits, loss of savings or revenue, loss of anticipated profits, labor inefficiencies, idle equipment, home office overhead, and similar types of damages.
- 20.06 Nothing contained in this Contract or the Contract Documents shall create any contractual relationship with or cause of action in favor of a third party against the Owner.
- 20.07 Construction Manager's Personnel Chart, which lists by name, job category and responsibility the Construction Manager's primary employees who will work on the Project, as described in the Qualifications Submittal. The Construction Manager shall promptly inform the Owner in writing of any proposed replacements, the reasons therefore, and the names(s) and qualification(s) of proposed replacement(s). The Owner shall have the right to reject any proposed replacement.
- 20.08 The terms "hereof," "herein," and "hereunder" and words of similar import shall be construed to refer to this Contract as a whole, and not to any particular paragraph, section or provision unless expressly so stated.
- 20.09 No member or officer of the Board of Curators of the University of Missouri incurs or assumes any individual or personal liability by the execution of this Agreement or by reason of the default of the Owner in the performance of any of the terms hereof. All such liability of members or officers of the Board of Curators of the University of Missouri as such is hereby released by Construction Manager as a condition of and consideration for the execution of this Agreement.
- 20.10 This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which shall constitute one and the same Agreement.

**AGREEMENT**  
**EXHIBIT A – GENERAL PROJECT DESCRIPTION**

Project Description:

The new Energy Innovation Center (EIC) is envisioned as a state-of-the-art interdisciplinary research laboratory building to support energy research innovation for the College of Engineering, the College of Arts & Science and the College of Agriculture, Food & Natural Resources, designed to attract and retain top talent and resilient government funding including securing designation as a US DOE Regional Center of Excellence.

The EIC will be sited north of Lafferre Hall on South Sixth Street, and is planned to provide approximately 116,000 GSF on four floors plus a mechanical penthouse with the top two floors constructed as shell space. The building will house approximately 39 principal investigator teams at full build-out working in the areas of materials and energy science including energy storage technologies, renewable energy and biofuels, nuclear energy, and grid security and resilience. The building program includes a variety of flexible engineering research laboratories and lab support spaces, shared research support space, research infrastructure spaces, office space for faculty, staff, graduate students and research administration, collaborative space including team meeting and conference rooms, community space including a central atrium, café, kitchenettes and informal seating areas and general building support.

The EIC will incorporate best practices in sustainable design on the MU Columbia campus exemplifying its research mission – to advance the frontier of energy science and policy toward creating a more sustainable, secure, and prosperous world – through high performance strategies that reduce energy, water, and embodied carbon and promote occupant wellness. Key project goals include a sustainability focus on optimizing energy use, reducing embodied and operational carbon, and investigating design strategies that would move toward a net-zero facility. The project will pursue LEED Gold certification.

Conceptual Scope & Project Parameters Data:

Gross Building Area: ~116,000 GSF, 4 stories

Assignable Area: ~65,000 ASF

Site Development: ~85,000 SF, storm water management options pending design

Site Utilities Extensions: Steam, Chilled Water, Telecom, Power, Water

The construction budget for the project is \$72,500,000, which includes the Preconstruction Fee.

**AGREEMENT**  
**EXHIBIT B – INITIAL CONSTRUCTION SCHEDULE**

Pre-Kickoff Planning Meeting (UM/Designer/CMR Team)	September, 2025
Programming & Concept Design Complete	September, 2025
Schematic Design Complete	December, 2025
Design Development Complete (Early Site & Utilities, Long Lead)	April, 2026
ERO 1 could include: Early Site work, Long Lead material/equipment purchases	
50% Construction Documents Complete (Foundations & Structure)	July, 2026
ERO 2 could include: Foundations and Structure	
75% Construction Documents – Basis for GMP	September, 2026
100% Construction Documents Complete	November, 2026
Construction Substantially Complete	April 15, 2028

**AGREEMENT**  
**EXHIBIT C – PRECONSTRUCTION SCHEDULE OF VALVES**

(To be provided on this form or reference contractor's form as an attachment)

DRAFT

**AGREEMENT**  
**EXHIBIT D – FEE MATRIX**

<b>PRE-CONSTRUCTION SERVICES</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Create and Implement Construction Management Plan	X				
Coordinate Document Flow Process/Communications with Project Team	X				
Prepare and Update Project Schedules for each Phase of Design	X				
Prepare Initial Cost Opinion and Control Estimates for each Design Phase	X				
Create Quality Management/Commissioning Program and Submit for Approval at Final Design	X				
Create and Implement Safety & Health Program	X				
Recording, Archiving, Distribution of Meeting Minutes & Comments	X				
Posting of Meeting Minutes & Comments to MU IT/Web Locations	X				
Constructability Analysis of Design & Construction Documents	X				
Cost Analysis Control of Design & Construction Documents	X				
Fully Integrate CM Services into Design Coordination Meetings	X				
Value Engineering of the Design Process & Project Documents	X				
Site & Material Logistics Planning	X				
Existing Conditions Investigation & Planning	X				
Coordinate Equipment Planning with Design Phase	X				
Prepare Life Cycle Analysis and contract cash flow schedule updated monthly	X				
Home Office Travel, Expenses, Per Diem, Subsistence, Insurance	X				
<b>CONSTRUCTION SERVICES</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Prepare Bid Package Documents in Construction			X		
Project Superintendent/Project Management Safety Manager			X		
Quality Control Manager			X		
Project Management			X		
Third party project management software and licensing			X		
Any additional staffing necessary to supplement the project as necessary to manage claims, non-performing subcontractors and issues within responsibility of the CM			X		
Corporate Office Executive, Management & Support Services		X			
Corporate Executive & Legal Services		X			
Accounting/Purchasing		X			
Scheduling/Phasing/Expeditor			X		
Project Commissioning Coordination			X		
Support Owner Commissioning Engineer					X
Estimating/Cost Engineer, Drafting Detailer/Drawing Review			X		
Implement Approved Quality Management Plan			X		

Administrative Assistant Support			X		
MEP & FP Coordination			X		
BIM Modeling			X		
BIM Model Creation and Editing					X
Management of BIM model			X		
Coordinate Testing and Inspections for Project			X		
EEO Officer/MBE/WBE/DBE/Veteran Coordination			X		
Coordinate Owner Furnished and/or Owner Installed Items for Project			X		
Coordinate Owner Furnished and/or Contractor Installed Items for Project			X		
Subcontractor bonding/SDI costs		X			
Coordinate Owner Occupancy and Move In Requirements			X		
<b>TRAVEL &amp; LODGING</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Off-Site Staff Travel Cost/Transportation			X		
On-Site Management Transportation			X		
On-Site Superintendents Transportation			X		
On-Site Project Staff: Moving Expenses/Subsistence Allowance			X		
<b>QUALITY CONTROL</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Field Inspector (as stated in Quality Management Plan) & Office			X		
Special Inspection Consultants				X	
Concrete Testing				X	
Masonry Testing				X	
Window Testing				X	
Building Enclosure Consultant					X
MEP & FP Inspections Coordinator				X	
Test & Balancing				X	
Special Testing & Inspections (as prescribed in Technical specifications)				X	
Compaction Testing				X	
Welding Testing				X	
Soils Investigation				X	
Supplies & Materials for Field Office			X		
Project Photographs			X		
Warranty Inspections Coordination		X			
<b>TEMPORARY FACILITIES</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Field Office or Trailer Rental			X		
Storage Trailer Rental			X		
Safety Equipment Hard Hats, Glasses, Harness, Nets, Barricades			X		
First Aid Supplies			X		
Hot Work Permits, Fire Extinguishers, Fire Watch			X		
Security Guard/Watchman Service					X
Safety Handrails, Cables, Toe Boards					X
Temporary Stairs, Fencing, Enclosures					X
Temporary Partitions & Covered Walkways (include quantity takeoff)					X
Temporary Protection of Installed Equipment/ Assemblies					X
Project Signage					X

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<b>ON-SITE UTILITIES &amp; SERVICES</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Telephone Service Installation			X		
Telephone Fax Internet Service & Expense			X		
Cellular Phone Service & Expense			X		
Cellular Phone Telephone Fax PC Equipment			X		
Teleconferencing Equipment Installation & Utilities			X		
Temporary Electrical Utility installations					X
Temporary Electrical Utility Consumption for the project per Special Conditions rates				X	
Temporary chilled water, steam, gas, and other utility consumption for the project per Special Conditions rates					X
Temporary chilled water, steam, gas, and other utility consumption and installations for temporary offices or structures per Special Conditions rates			X		
Temporary Water Service & Expenses					X
Field Ice & Water Service & Expense					X
Temporary Sewer Service & Expense			X		
Temporary Toilets					X
Temporary Wiring/Lighting					X
Daily CleanUp, Debris Removal of Construction Site, Staging & Office Areas, and adjacent spaces to Construction Site, Staging & Office Spaces					X
Dump Permits & Fees					X
Debris Hauling & Removal					X
Trash Chute & Hoppers					X
Traffic Control & Flagging					X
Temporary Roads					X
Roadway/Sidewalk Cleaning, Maintenance & Dust Control					X
<b>WEATHER PROTECTION</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Snow & Ice Removal Labor & Equipment					X
De-Watering Labor & Material					X
Weather Protection Enclosures Temporary Protection					X
Temporary Heating & Cooling Installation					X
Temporary Heating & Cooling Equipment					X
Temporary Heating & Cooling Service & Expense					X
Use of Permanent HVAC System (Warranty Extension)					X
Filter Change					X
Cleaning Cost					X
Maintenance Cost					X
Extended Warranty					X
<b>REPRODUCTION, PRINTING &amp; POSTAGE</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Feasibility & Cost Study Documents				X	
MEP & FP System Study Documents				X	
Design Documents				X	
Construction Documents Printing					X
Construction Documents & Issues					X
Bid Package Documents/Bidding Instructions				X	
Shop Drawing Copying & Printing					X
As-Built Documentation Submission Hard Copy, Autocad			X		
Final As-Built Documents Issue Drafting & Printing			X		



Preparation & Distribution of Operations & Maintenance Manuals			X		
Postage & UPS/Fed Ex Costs			X		
Courier Expense			X		
Field Office Copier Equipment Purchase/Rental & Expense			X		
Special Forms			X		
<b>PERMITS SERVICES &amp; FEES</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Layout					X
Surveying & Staking					X
<b>INSURANCE TAXES &amp; BONDS</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Builders Risk Insurance					X
Performance & Payment Bonds					X
Errors & Omissions	X				
Auto Insurance					X
General Liability					X
Complete Operations Liability					X
Excess (Umbrella) Liability Coverage					X
Workman's Compensation					X
On-Site Staff FICA, Fed & State Unemployment Coverage			X		
<b>OTHER COSTS</b>	<b>PRE CON</b>	<b>FEE</b>	<b>GEN COND</b>	<b>OWNER</b>	<b>COST OF WORK</b>
Land Costs				X	
Title Development Cost				X	
Financing Interest Cost				X	
Project Taxes (As Required)					X
Preliminary Soils Investigation				X	
Owner Change Contingency				X	
Building Operation After Commissioning				X	
Building Maintenance After Commissioning				X	
User Group Moving Coordination and Moving Costs				X	
Design & Engineering Costs & Expenses				X	
CM General Overhead Cost		X			
Post Construction Warranty Administration for 1 Year			X		

**AGREEMENT**  
**INSTRUCTIONS FOR PREPARATION OF AMENDMENT**

The Construction Manager shall prepare and submit the Amendment documents in accordance with the instructions enumerated below and, in the format, described. The Owner will review the documents and either execute the Amendment or request additional information from the Construction Manager. The Construction Manager shall provide the Owner with a minimum of two weeks to review the Amendment documents and two additional weeks for execution. Additional review time may be required if the Owner has questions regarding the content of the Amendment. If the Construction Manager has clarifications related to the Amendment, they must be submitted for Owner consideration at least two weeks prior to the formal submission of the Amendment. If the clarifications are approved by the Owner, they will be included in the Amendment under Tab 11, Exhibit 8, CMR Clarifications. No exceptions or exclusions to the contract documents will be considered. Failure of the Construction Manager to submit the documents in the proper form does not constitute an Owner delay. The Construction Manager shall submit the amendment and supporting documents in draft form for Owner review prior to the formal submission and as early in the process as possible to facilitate efficient processing of the formal amendment.

1. **Format – Use forms provided.** Separate documents with labeled tabbed sections between each document type.
  - a. Tab 1 – Amendment recitals and pricing (guaranteed maximum price, construction phase fee, contingency)
  - b. Tab 2 - Exhibit 1. Summary of allowances including allowance name/type, bid package, amount and total of all allowances.
  - c. Tab 3 - Exhibit 1. Accepted alternates included in GMP description and amount.
  - d. Tab 4 - Exhibit 1. Pending alternates not included in GMP description and amount. Include expiration date of pricing for pending alternates.
  - e. Tab 5 – Exhibit 2. GMP design documents
  - f. Tab 6 – Exhibit 3. Construction schedule
  - g. Tab 7 – Exhibit 4. Reports and Tests
  - h. Tab 8 – Exhibit 5. Construction Schedule of Values depicted as itemized summary of cost of work items including general conditions, fee, early releases, bid packages, bonds, insurance and any other applicable cost components previously approved by the Owner. (Do not include detailed estimate)
  - i. Tab 9 - Exhibit 6. Schedule of bid packages by scope title and anticipated advertisement dates. (include in Construction Schedule)
  - j. Tab 10 - Exhibit 7. Design assist scopes to be performed by Construction Manager.
  - k. Tab 11 - Exhibit 8. CMR Clarifications (if applicable)

2. **Allowances, Accepted Alternates, Pending Alternates, Unit Prices**

The Exhibit 1. allowance summary shall include the information described in the Exhibit for all allowances, whether held by the Construction Manager or included in a subcontract, including subcontractor contingencies as applicable. The inclusion of allowances in the GMP must be approved in advance by the Owner, prior to submission of the GMP. Unit prices shall be associated with a specific base bid quantity included in a bid package and apply for more or less of the specified quantity actually used.

3. **Construction Schedule**

The construction schedule shall be in Critical Path Method form and shall depict all activities and significant milestones, whether performed by the Construction

Manager, the Owner or the Owner's agent. The schedule shall include all testing, adjusting and balancing activities, life safety and functional testing and commissioning, anticipated weather days and other activities required to achieve substantial completion and Owner occupancy. The construction schedule shall not include a narrative.

4. **Construction Schedule of Values**

The Construction Manager shall include a Schedule of Values depicting the Cost of Work in itemized summary form including the information listed below. Show the general conditions and fee amount as a separate line item. If general conditions and fee have already been apportioned in a previously issued ERO include those amounts under the GC ERO heading. Do not include the detailed estimate.

5. **General Requirements/Site Services:**

The Owner recognizes certain work scopes are dependent on weather and other conditions that are variable or beyond the Construction Manager's control. These scopes are to be classified as Site Services and included in a "General Works" or similar bid package. Hourly rates will be bid for respective tasks and they will be completed on a time and material basis as required. The Construction Manager may authorize expenditures up to \$5,000 per task without Owner approval. Expenses expected to exceed \$5,000 per task require Owner approval. They are not to be performed by the Construction manager directly without Owner approval. The Construction Manager shall include allowances in the GMP approved by the Owner to cover the anticipated costs of these work scopes. If expenses actually incurred are less than the allowances, the Construction Manager will refund that value to the Owner. The allowance amounts shall be approximated by the Construction Manager as representative of the actual effort expected. The Owner will consider additional scopes to be included as allowances if a request is submitted by the Construction Manager prior to the submission of the Amendment. The site services shall be included as a line item per work task in the GMP

## AMENDMENT

AMENDMENT # \_\_\_\_\_

THIS AMENDMENT to Agreement Between Owner and Construction Manager as Constructor (this "Amendment") is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ by and between the Curators of the University of Missouri, a public corporation organized and existing under the laws of the State of Missouri, (the "Owner"), and \_\_\_\_\_, a \_\_\_\_\_

Organized and existing under the laws of the State of \_\_\_\_\_, with a business address of \_\_\_\_\_ ("Construction Manager").

### **RECITALS**

1. WHEREAS, the Owner and Construction Manager entered into that certain Agreement Between Owner and Construction Manager as Constructor dated \_\_\_\_\_ (the "Agreement") whereby Construction Manager agreed to provide Preconstruction Phase Services and provide the Work for (project Number and name) at (campus)
2. WHEREAS, pursuant to Section 2.8 of the Agreement, Construction Manager has submitted GMP Documents and any applicable revisions thereto;
3. WHEREAS, Construction Manager and the Owner desire to enter into this Amendment to incorporate the approved GMP Documents into the Agreement.

NOW, THEREFORE, in consideration of the mutual covenants hereunder set forth and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Owner and Construction Manager, intending to be bound, do hereby agree as follows

1. Construction Phase Fee. The Owner and Construction Manager agree that the Construction Phase Fee defined and determined as set forth in Section 5.1 of the Agreement is the lump sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_).
2. Guaranteed Maximum Price. The Owner and Construction Manager agree that the Guaranteed Maximum Price as defined in Section 6.1 of the Agreement is the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_).
3. Contingency. The Guaranteed Maximum Price includes the Contingency as defined in Section 2.8.3 of the Agreement in the amount of \_\_\_\_\_ Dollars (\$\_\_\_\_\_).
4. Allowances. The Guaranteed Maximum Price includes the allowances, if any, set forth in Exhibit 1 attached hereto (the "Allowances"). Construction Manager agrees that:
  - a. The Allowances include the cost to Construction Manager (less any trade discounts) of materials and equipment required by the Allowances to be delivered to the site of the Work, and all applicable taxes; and
  - b. Construction Manager's costs for unloading and handling on the site of the Project, labor, installation costs, overhead, profit, and other expenses contemplated for the Allowances have been included in the Contract Sum and not in the Allowances, and no demand for additional payment on account of any of the foregoing will be valid.

5. Alternates. The Guaranteed Maximum Price includes the alternates, if any, set forth on Exhibit 1 ("Accepted Alternates") which are more fully described in the Contract Documents. The Guaranteed Maximum Price is not based upon the alternates if any, set forth on Exhibit 1 designated as pending alternates ("Pending Alternates") which are more fully described in the Contract Documents. The Pending Alternates may later be accepted by Owner in writing; provided, however, that the Construction Manager shall furnish Owner with no less than twenty (20) days prior written notice of the date upon which any of the Pending Alternates which are not included in the Contract Sum as set forth in Exhibit 1 must be accepted by Owner in order for Construction Manager to perform Work covered by such Pending Alternates for the price set forth in Exhibit 1 and without adjustment to the Contract Time.
6. Construction Schedule of Values. The Construction Schedule of Values (if applicable) as defined in Paragraph 2.8.1.2 is attached hereto.
7. GMP Design Documents. The GMP Design Documents as described in Section 2.8 of the Agreement is listed on Exhibit 2 attached hereto.
8. Construction Schedule. The Construction Schedule described and developed pursuant to Section 2.4 of the Agreement is attached hereto as Exhibit 3. Construction Manager shall comply with such Construction Schedule and shall achieve Substantial Completion and Final Completion in accordance with the Construction Schedule. Those completion dates and Milestone Dates set forth in the Construction Schedule are part of the Contract Time as defined in Section 4.3 of the Agreement.
9. Unit Prices for Changes. In the event of changes involving any class of Work or items covered in Exhibit 1 attached hereto, if any, Construction Manager agrees to accept the amount of the established unit prices set forth in Exhibit 1 attached hereto. Such unit prices set forth in Exhibit 1 are considered complete and include: (a) all labor, fringe benefits, materials, tools, equipment, supplies, samples, shop drawings, layout, delivery, handling, storage, hoisting, distribution, protection, transportation, supervision, contributions, coordination, installation, compliance with all the requirements of any applicable governmental agency, overhead and profit; and (b) any other costs or expenses in connection with, or incidental to, the performance of the change to which said unit prices apply.
10. Reports and Tests. During the Preconstruction Phase of the Project, Construction Manager has been provided and has carefully studied the reports of explorations and tests of subsurface structures at or contiguous to the site of the Project, and any drawings and surveys of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site of the Project, and reports and drawings of Hazardous Materials listed on Exhibit 4 attached hereto. These reports and tests are not Contract Documents.
11. Representations of Construction Manager. In order to induce the Owner to enter into this Amendment, Construction Manager makes the following representations:
  - a. Construction Manager has examined and carefully studied the Contract Documents.
  - b. Construction Manager has made numerous visits to the site and the Project during the Preconstruction Phase and has become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress and performance of the Work.
  - c. Construction Manager has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning surface, subsurface and underground facilities at or contiguous to the site which may affect cost, progress or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of

construction to be employed by Construction Manager and safety precautions and programs incident thereto.

- d. Construction Manager does not consider that any further examinations, investigations, explorations, tests, studies or data are necessary for the performance of the Work at the Contract Sum, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents.
  - e. Construction Manager is aware of the general nature of the Work to be performed by the Owner and others at the site of the Project that relates to the Work indicated in the Contract Documents.
  - f. Construction Manager has correlated the information known to Construction Manager, information and observations obtained from visits to the site of the Project, reports and drawings listed in **Exhibit 4** hereto, and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.
  - g. Construction Manager has given Design Professional written notice of all conflicts, errors, ambiguities or discrepancies that Construction Manager has knowledge of in the Contract Documents, and the written resolution thereof by Architect is acceptable to Construction Manager.
  - h. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
12. Terms. Terms used in this Amendment defined in the Agreement or General Conditions shall have the meanings indicated in the Agreement or General Conditions, as applicable.
13. Remaining Terms Unaffected. Except as specifically amended herein, all remaining terms, conditions, covenants and agreements contained in the Agreement and Contract Documents remain in full force and effect, and the parties remain obligation to perform the same.

**IN WITNESS WHEREOF**, the parties have caused this Amendment to be executed pursuant to due and legal action authorizing the same to be done, the date first written above.

**CURATORS OF THE UNIVERSITY  
OF MISSOURI**

"Owner"

By: \_\_\_\_\_

Charles D. Bouse, Jr. AIA, LEED AP, BD&C  
Executive Director  
Facilities Planning & Development

Date: \_\_\_\_\_

\_\_\_\_\_

"Construction Manager"

By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

## **AMENDMENT**

### **EXHIBIT 1 – ALLOWANCES, ACCEPTED AND PENDING ALTERNATES OR UNIT PRICES**

1. The Allowances, if any, included in the Guaranteed Maximum Price described in Section 4 of the Amendment to the Agreement are as follows:

**OR**

a. None

b. [List accepted allowances included in the Guaranteed Maximum Price]

2. The Accepted Alternates, if any, included in the Guaranteed Maximum Price described in Section 5 of the Amendment to the Agreement are as follows:

**OR**

a. None

b. [List Accepted Alternates included in the Guaranteed Maximum Price]

3. The Pending Alternates, if any, are as follows:

**OR**

a. None

b. [List Accepted Pending Alternates not included in the Guaranteed Maximum Price]

4. The Accepted Unit Prices, if any, included in the Guaranteed Maximum Price described in Section 9 of the Amendment to the Agreement are as follows:

**OR**

a. None

b. [List Accepted Unit Prices not included in the Guaranteed Maximum Price]

5. The Pending Unit Prices, if any, included in the Guaranteed Maximum Price described in Section 9 of the Amendment to the Agreement are as follows:

**OR**

a. None

b. [List Pending Unit Prices not included in the Guaranteed Maximum Price]

## AMENDMENT

### **EXHIBIT 2 – GMP DESIGN DOCUMENTS**

1. Drawings. The Drawings which are part of the Contract Documents are as follows:

Number	Title	Last Revision Date

2. Specifications. The Specifications which are part of the Contract Documents are as follows:

Number	Title	Last Revision Date

3. Addenda. The Addenda, if any, which are part of the Contract Documents are as follows:

Addenda #	Date	Pages

4. Other Documents. Other documents, if any, which are part of the Contract Document are as follows:

Number	Title	Last Revision Date



**AMENDMENT**

**EXHIBIT 3 - CONSTRUCTION SCHEDULE**

DRAFT

## AMENDMENT

### **EXHIBIT 4 – TECHNICAL REPORTS AND OTHER DOCUMENTS WHICH ARE NOT CONTRACT DOCUMENTS**

The following technical reports and other documents, if any, are not Contract Documents:

Author	Title	Date

**AMENDMENT**

**EXHIBIT 5 – CONSTRUCTION SCHEDULE OF VALUES**  
**(INCLUDE ERO'S, ACCEPTED ALTERNATES AND SITE SERVICES ALLOWANCES)**

Cost Category

Description  
Amount

ERO's by No.

Cost of Work Estimates

General Conditions Total Less GC's in ERO's

CMR's Construction Contingency

Allowances

Design Contingency (requires prior Owner approval)  
Insurance

Bond

Sub Total

Construction Managers Fee Less Fee in ERO's

Grand Total GMP

**AMENDMENT**

**EXHIBIT 6 – SCHEDULE OF BID PACKAGES WITH ADVERTISEMENT DATES**

DRAFT

**AMENDMENT**

**EXHIBIT 7 – CLARIFICATIONS**

DRAFT

**EARLY RELEASE ORDER NO.**

FROM: Curators of the University of Missouri

TO: \_\_\_\_\_

\_\_\_\_\_  
"Construction Manager"

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

1. **ORDER.** Pursuant to Section 2.10.1 of the Agreement Between Owner and Construction Manager as Constructor and its Provisions (the "Agreement"), Owner hereby directs Construction Manager to proceed with the Construction Work set forth in the Drawings, Specifications and other documents identified on **Exhibit 1** attached hereto prior to the approval and acceptance of the GMP Documents ("Early Release Order Work"). The documents identified in ERO **Exhibit 1** attached hereto and the Contract Documents described in the Agreement are incorporated herein by this reference.
2. **PRICE.** Construction Manager shall be paid the sum of \_\_\_\_\_ Dollars (\$\_\_\_\_\_) for the performance of the Early Release Order Work. Owner shall make monthly progress payments on account of the price set forth herein based upon the percentage of completion of the Early Release Order Work in the prior month. Such progress payment shall be in the amount of the percentage of completion of the Early Release Order Work in the prior month applied against the price herein less five percent (5%) for retainage. Construction Manager shall submit Applications for Payment on account of the price as provided for herein in accordance with the requirements of the General Conditions including but not limited to Article 9 of the General Conditions.
3. **SCHEDULE.** Construction Manager shall substantially complete the Early Release Order work by \_\_\_\_\_. Time is of the essence to Construction Manager's obligations to complete the Early Release Order Work within the time required herein.
4. **TERMS.** The terms used herein which are defined in the Agreement or General Conditions shall have the meanings as set forth therein.
5. **TERMINATION.** In the event the Owner terminates this Early Release Order as set forth in Section 2.10.1 of the Agreement, the Construction Manager shall only be entitled to the amounts set forth in Section 2.10.1 of the Agreement.

**CURATORS OF THE UNIVERSITY  
OF MISSOURI**  
"Owner"

By: \_\_\_\_\_  
{University signing authority}  
{job title}

Date: \_\_\_\_\_

**[TYPE IN FIRM NAME]**  
"Construction Manager"

By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Corporate Seal

## EARLY RELEASE ORDER

### ERO EXHIBIT 1 – DRAWINGS AND SPECIFICATIONS

1. Drawings. The Drawings which are part of the Contract Documents are as follows:

Number	Title	Last Revision Date

2. Specifications. The Specifications which are part of the Contract Documents are as follows:

Number	Title	Last Revision Date

3. Addenda. The Addenda, if any, which are part of the Contract Documents are as follows:

Addenda #	Date	Pages

4. Other Documents. Other documents, if any, which are part of the Contract Document are as follows:

Number	Title	Last Revision Date

## SPECIAL CONDITIONS

## 1. MODIFICATIONS TO GENERAL CONDITIONS

Delete in the first sentence of 11.2.1: “\$2,000,000 per occurrence, \$5,000,000 in general aggregate, \$5,000,000 products and completed operations aggregate and \$1,000,000 personal injury and advertising injury” and insert: “\$2,000,000 per occurrence, \$20,000,000 in general aggregate, \$20,000,000 products and completed operations aggregate and \$1,000,000 personal injury and advertising injury.

## 2. CONTRACTOR/OWNER OFFICE SPACE

Contractor offices shall be located in the location shown below:



### 3. PRECONSTRUCTION SERVICES CLARIFICATION



The Construction Manager shall directly purchase, schedule critical, long lead equipment as approved by the Owner. This may include equipment specified within multiple CSI Divisions. Immediately following award of the CMR contract, and at the onset of the preconstruction phase, the Construction Manager shall consult with the Owner and the design team to identify schedule critical, long lead equipment for expedited procurement. The Owner recognizes that there are design considerations that must be finalized prior to the procurement of equipment but seeks enhanced CMR involvement to facilitate early procurement. The Construction Manager shall assume an integral role in advising the design team on lead times and equipment options for the identified long lead equipment with the expected outcome being expedited delivery. The Construction Manager shall develop, and upon Owner approval, implement procurement strategies designed to mitigate the impacts of long lead items on the construction schedule. As part of the early procurement process the Construction Manager shall identify equipment with “design to” potential. “Design to” is defined as manufacturer’s equipment in standard sizes, configurations, etc. that is available in shorter lead times, around which the design team can develop their design. In this overall process, the Construction Manager does not assume any design responsibility.

#### **4. PERMITS**

Before commencement of Boilers, Water Heaters or Pressure Vessels the Contractor must obtain an installation permit from the State of Missouri, Division of Fire Safety, Boiler and Pressure Unit as required by 11 CSR 40-2.010 through 11 CSR 40-2.065. The permit applications are available at <http://www.dfs.dps.mo.gov/programs/bpv/>.

#### **5. USE OF PREMISES**

- a. Parking: Contractor shall be issued parking permits for ten (10) service vehicles to park in location directed by the Owner’s Representative. Employee parking shall be on public streets or where directed by the Owner’s Representative. The contractor parking lot (if available) may also be utilized for employee parking.
- b. Parking:
  - (1) The Owner will issue Contractor ten (10) service vehicle parking permits for use in University Parking lot to be determined. The permits will be issued at no cost to the contractor up to the contract completion date. After the contract completion date, the permits will be re-issued on an as available basis at the contractors expense. These permits are to be used for general contractor or subcontractor owned and labeled vehicles only. Personal vehicles are prohibited from use of these permits. Violation of this requirement may result in ticketing and/or towing at the vehicle owner’s expense and suspension of progress payments.
  - (2) Parking of personal vehicles within project access/lay down/staging areas is prohibited. Violation of this requirement may result in ticketing and/or towing at the vehicle owner’s expense and suspension of progress payments.
  - (3) Parking or driving on sidewalks, landscaped areas, within fire and service lanes or generally in areas not designated for vehicular traffic is prohibited except as allowed in the contract documents. Violation of this requirement may result in ticketing and/or towing at the vehicle owner’s expense and suspension of progress payments.
  - (4) Sidewalk(s) and Hardscape – Parking/driving on hardscapes is strictly prohibited unless specifically directed by the Owner’s Representative through the MU sidewalk permitting process. Restricted use permits will be limited to activities that are constrained by an absolute need to access from a sidewalk. Such activities shall be considered the exception and not the norm. Adequate signage, fencing and alternate routes must be provided in the immediate and adjacent areas.

- (5) Free parking for contractor employees is available in the Ashland Road Contractor lot on an as available basis. This space is for use by contractor employees for parking their personal vehicles only and is not to be used for staging or storage.
- (6) Vendor Permits may be purchased by contractor management personnel on an as available basis by contacting the Parking and Transportation office in the General Services Building. These permits will allow contractor management personnel to park in various University lots while conducting business on University construction projects.
- (7) Temporary University parking permits may be purchased by contractor employees for use with their personal vehicles on an as available basis by contacting the Parking and Transportation office in the General Services Building.
- c. Storage of materials: The Contractor shall store all materials within project limits. The Contractor shall confine apparatus, materials, and operation of workers to location established by the Owner's Representative. The Contractor shall not unreasonably encumber premises with materials. **In addition, storage trailer locations may be available within 1-1/2 miles of project site as directed by the Owner's Representative.** Storage trailer locations shall be subject to approval by the Owner's Representative and are available to the Contractor without cost.
- d. Utilities: Steam, water, sewer, and electricity can be obtained from existing utilities at locations designated by the Owner's Representative at the following rates:

**Campus Facilities  
Energy Management  
Fiscal Year 2025 Utility Rates**

**ELECTRIC\***

Demand Rate (Greater than 50 kW Demand):	
Demand Rate Per Max Summer kW (June - September)	\$16.60
Energy Rate Per kWh	\$0.070
Non-Demand Rate (Less than 50 kW Demand):	
Energy Rate Per kWh	\$0.11

**STEAM\***

For each kLb (1,000 lbs) of steam	\$22.00
For klb (1,000 lbs) of un-retuned condensate	\$2.10

**CHILLED WATER\***

For each Ton-hour (12,000 Btu/ton) up to 3,000 full load hours.	\$0.37
For each Ton-hour (12,000 Btu/ton) over 3,000 full load hours.	\$0.11
<i>Full Load Hours = Ton Hrs. Used / Peak Tons</i>	

*\*Steam, Electric & Chilled Water rates are adjusted monthly (up or down) to reflect fuel and purchased utilities market fluctuations.*

**WATER -**

For each (1,000 Gallons)	\$4.75
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**SANITARY SEWER**

For each kGal	\$7.40
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*Sanitary Sewer charges for payment to City of Columbia are calculated using actual water use for September 2023 through August 2024. The new volume calculation will begin with the October 2024 utility bill.*

**STORM SEWER**

For each 100 square feet of impervious surface area	\$0.305
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*FY25 Storm sewer charges for payment to City of Columbia are based on impervious surface as of January 2024.*

Provisions for obtaining power, including temporary extensions, shall be furnished and maintained by the Contractor. Upon completion of the work, such extensions shall be removed, and any damage caused by use of such extensions shall be repaired to the satisfaction of the Owner's Representative, at no cost to the Owner.

- e. Restroom: The Contractor shall provide and maintain, in a sanitary condition, chemical type portable toilet facilities at work site for use by his personnel. Toilets and toilet location shall be subject to approval by the Owner's Representative.
- f. Smoking is prohibited at the University of Missouri and all properties owned, operated, leased or controlled by the University of Missouri. Violation of the policy is defined as smoking any tobacco products, including e-cigarettes.
- g. Landfill: The Contractor shall not use the Owner's landfill. Dumping or disposal of excavated or demolition materials on Owner's property shall not be permitted. The Contractor shall remove and legally dispose of excavated or demolished materials off the Owner's property.
- h. Care of Project Work Site: The contractor shall be responsible for maintaining the construction site in a reasonably neat and orderly condition by regular cleaning and mowing of the premises as determined by the Owner's Representative.
- i. Discharge to Sewer Request: The University of Missouri's MS4 permit and NPDES Storm Water Discharge Permits along with the City of Columbia's POTW Operating Permit as well as local ordinances, and state and federal environmental regulations prohibit hazardous materials from being disposed into either the storm water or sanitary sewer systems. Unless specifically approved, all chemical products such as paints, dyes, lawn care products, maintenance products, and oil ~~is~~ are prohibited from drain disposal. Any product, including contaminated water, being discarded into the storm water or sanitary sewer systems requires written approval from the Owner through a formal "Discharge to Sewer Request" form obtained at [Discharge to Sewer Request Form](#). The contractor should submit the form to the Owner's Representative, not to the Department of Environmental Health and Safety as the form indicates.
- j. All concrete waste material including washout water shall be totally contained and removed from the Owner's property.
- k. Artifacts Found During Construction: Contractor shall immediately notify the Owner's Representative when artifacts are uncovered or found during the demolition or construction process. Artifacts include, but are not limited to, tools, drawings (construction or other), photographs, books and other objects/devices which may hold historical importance/significance. Do not remove or disturb the object(s) in question. Artifacts are not considered part of demolished materials and shall remain the property of the University of Missouri.

l. **"Permit Required Confined Space" Entry Communication and Coordination**

(See OSHA 1926 subpart aa – Construction Confined Space for the definition of "permit required confined spaces" - Note: OSHA does not apply to the University. However, the University will provide a list of all known "permit required confined spaces")

There are no known "permit required confined spaces" within the project limits. Each contractor shall conduct a survey to confirm whether or not any confined spaces exist within the project limits. It is incumbent upon each contractor to list all "permit required spaces".

The Contractor shall notify the Owner's Representative if 1) conditions change resulting in a non-permit required confined space being reclassified to a "permit required confined space" after evaluation of the space by a competent person; 2) a space previously thought to be non-permit required space is classified as a "permit required confined space"; or 3) during the course of construction a "permit required confined space" is created after evaluation by a competent person.

The Contractor shall submit to the Owner's Representative a copy of the cancelled confined space entry permit and a written report summarizing the permit space program followed and all hazards confronted or created during entry operations. This information shall be submitted within one week of cancelling the permit.

## **7. PROTECTION OF OWNER'S PROPERTY**

- a. The Contractor shall be responsible for repair of damage to building exterior and interior, drives, curbs, streets, walks, grass, shrubbery and trees, which was caused by workmen or equipment employed during progress of work. All such repairs shall be made to the satisfaction of the Owner's Representative, at no cost to the Owner, or reimburse the Owner if the Owner elects to make repairs. For landscape damage, the Owner shall make such repairs. Compensation for these repairs shall be determined by the Owner's Representative using the "Valuation of Landscape Trees, Shrubs, and other Plants" as published by the International Society of Arboriculture, as last revised.
- b. Construction Project Fencing:
  - (1) Fencing requirements, as indicated on Drawings, shall be constructed of 9 or 11-gauge chain link not less than six (6) feet in height and not more than 2-inch mesh with posts spaced not more than ten (10) feet apart and all corner and gate posts imbedded in concrete. All other posts shall be sufficiently secured in ground to maintain proper and adequate support of fence. Fenced in area shall have at least two (2) access gates and all gates shall be lockable.
  - (2) Fence screening fabric shall be used on all perimeter fencing. Fabric shall be black in color, full height of the project fence, securely attached and properly maintained throughout the duration of the project.
  - (3) Using existing landmarks, lamp posts, trees or other Owner property for support of fencing is strictly prohibited unless a written waiver is obtained from Owner's Representative.
  - (4) Use of ribbon, snow fence, chicken wire, rope, and wooden barricades as fencing is prohibited.
  - (5) Fencing shall be maintained in an "as-installed" condition throughout the life of the project.
  - (6) The Contractor may use used fencing provided it is in good condition and is satisfactory to the Owner's Representative.

## **6. BUILDING SYSTEM COMMISSIONING**

Construction Manager and all subcontractors shall fully cooperate and support the third-party commissioning agent. All MU commissioning forms shall be utilized for commissioning activities and can be found at: <https://operations.missouri.edu/facilities/commissioning-forms>.

## **7. SPEND DOWN ESTIMATES**

Contractor shall submit anticipated monthly spend downs with each pay application which are estimates of all future monthly billings for the remainder of the project.

## **8. HOT WORK PERMITTING AND GENERAL REQUIREMENTS**

- a. Hot work Requirements: The contractor shall comply with the following hot work requirements and the requirements of the International Fire Code and NFPA 51B.
  - (1) Hot work shall be defined as any work involving burning, welding, grinding, cutting, or similar operations that are capable of producing sparks, initiating fires or explosions.
  - (2) The Contractor shall utilize the hot work permit decision tree and procedures as outlined in NFPA 51B for all Hot Work operations.
  - (3) A University of Missouri Hot Work Permit (see Appendix 1.I) shall be used on all hot work

performed outside a designated hot work area. The University of Missouri hot work permit shall be posted and clearly visible within proximity of the hot work area. The hot work permit authorizing individual (PAI) shall be as designated by the Contractor.

- (4) Notify the Owner's Representative 24 hours prior to starting hot work in buildings with operational fire alarm or fire suppression systems. The Owner's Representative will coordinate the appropriate system outage with Campus Maintenance personnel.
- (5) Unless otherwise instructed by the Owner's Representative, the Contractor shall post a copy of each completed hot work permit to the Owner's project management file system the following business day.
- (6) Hot Work personnel shall consist of the following three roles: the Permit Authorizing Individual (PAI), the Hot Work Operator (person doing the work), and the Fire Watch personnel. Hot Work Operators shall not be utilized to perform Fire Watch duties. Fire watch and monitoring duration shall be as required on the University of Missouri hot work permit.

## **9. GENERAL REQUIREMENTS FOR CRANE AND HOISTING OPERATIONS**

All crane and hoisting operations shall be performed in compliance with OSHA 29 CFR 1926. All Operators, riggers, and signal persons must have the proper qualifications and training necessary to perform the intended hoisting activities for this project.

- a. Only fully certified and evaluated Operators shall perform equipment operations. Operators in an "Operator in Training" status shall not be used.
- b. Submittal requirements:
  1. Submit copies of Operator certifications, licenses, and evaluations to the Construction Manager.
  2. Submit Rigger and Signal Person qualifications to the Construction Manager.
  3. Unless otherwise directed by the Construction Manager or the Owners Representative, submit a lift plan and conduct a lift coordination meeting for hoisting or crane operations for any lift greater than 2,000 pounds, or for any multi pick lift. Include protective measures for existing underground utilities, occupied buildings, pedestrian and vehicle pathways, adjacent buildings and overhead power lines. If the lift is to occur over an occupied building, provide a registered structural engineer's review and verification that the building can resist the impact of a dropped load for the intended lift. If evacuation of an occupied building is necessary to conduct the lift, the decision for building evacuation or scheduling the lift for off-hours will be determined by the Owner.

## **11. CONSTRUCTION WASTE MANAGEMENT**

The goal of Construction Waste Management is to divert waste from the sanitary landfill per article 2.10.11 of the Provisions of the Agreement. This shall be accomplished through reuse, recycling and/or salvage of non-hazardous construction and demolition debris to the greatest extent practical. Track and report all efforts related to reuse, recycling and/or salvage materials from the project (including clean fill material). Report all material types and weights, where material was diverted, type of diversion, documentation of diversion (eg: waste or recycling tickets), and applicable dates. In order to calculate the diversion percentage, total weights of all non-hazardous landfill material must be reported. This information shall be updated monthly utilizing the [Construction Waste Management Worksheet](#). Copies of all applicable receipts, tickets and tracking logs shall be uploaded to the Owner's information sharing website or reported as required by the Construction Project Manager.

(A summary worksheet is required prior to substantial completion).

## **12. WARRANTY WALKTHROUGH**

Contractor shall attend a walk-thru with the Owner at 11 months after acceptance to review and document any warranty items to be addressed as part of the 12-month warranty stated in article 3.1 of the General Conditions.

## **13. ROOF WARRANTY REQUIREMENT**

The Contractor shall submit, before the first progress payment, a copy of University of Missouri Roof System Manufacturer's Certification, which shall be manually signed by an authorized representative of Manufacturer of each proposed roofing system. Certification shall have original signature.

- a. Following final inspection and acceptance of the roofing system(s) by the Owner and the roofing system manufacturer(s), the Contractor shall submit a manually signed standard warranty agreement provided and executed by the roofing system manufacturer for each roofing system provided. Standard warranty agreement(s) shall be of the duration specified in Division 7.
- b. University of Missouri three (3) year Contractor's Roofing/Flashing/ Sheetmetal Guarantee shall be signed by the roofing contractor after final inspection and acceptance of each roofing system by Manufacturer and by Owner.
- c. The Roofing contractor or subcontractor shall provide the Owner with an Application for a Roof Warranty.

## **14. TARIFF ALLOWANCE**

The Construction Manager shall create a "Tariff Allowance" within the GMP for any taxes or tariffs on any equipment, components, supplies and/or materials required under the Contract (herein "materials") that are imposed, increased, or modified by the United States government after the date of the GMP Amendment or Early Release Order in a manner that directly impacts the cost of such materials.

The Construction Manager may request that the Tariff Allowance be utilized to cover the actual increased cost of such materials due to tax or tariff changes. The Construction Manager shall provide the Owner with a written request to utilize the Tariff Allowance prior to purchasing the material along with adequate supporting documentation, including: (a) official government notices or publications detailing the tax or tariff changes; and (b) invoices for the materials; and/or (c) calculations demonstrating the impact of the tax or tariff changes on the cost of the materials. The request to use the Tariff Allowance shall be provided to the Owner no later than fourteen (14) calendar days before the tariff is due.

The Tariff Allowance shall not be used for cost increases other than the actual value of the tax or tariff increases imposed by the United States government. The Tariff Allowance shall not be used to fund general market escalation, commodity price volatility, or supply chain premiums unrelated to tariff or tax changes. In no event shall the Tariff Allowance be used for nor shall the Owner be responsible for payment of any costs (including additional general conditions) as a result of any delay in the delivery of materials due to tax or tariff changes. An extension of time shall be the only remedy for delays to the critical path because of supply chain disruptions resulting from the imposition of tariffs. The Construction Manager shall not receive the Construction Phase Fee, and subcontractors and material suppliers shall not receive overhead and profit applied to the tariff amount(s). Any utilization of the Tariff Allowance will be subject to the "fee holiday" identified. the Provisions of the Agreement Between the Owner and Construction Manager as Constructor. The Construction Manager shall be entitled to the cost of performance and payment bonds and insurance costs.

Notwithstanding anything herein or in the Contract Documents to the contrary, if the Tariff Allowance is insufficient to cover eligible tax or tariff increases, the Tariff Allowance shall be increased in accordance with the Provisions of the Agreement Between the Owner and Construction Manager as Constructor. No other funds within the GMP may be used for this purpose. Any unused balance in the Tariff Allowance at

project closeout shall revert to the Owner. A portion of the unused Tariff Allowance balance may revert to the Owner, prior to project closeout if agreed to by both parties.

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UNIVERSITY OF MISSOURI  
ROOF SYSTEM MANUFACTURERS CERTIFICATION  
(Revised 12/94)

TO: \_\_\_\_\_ Title \_\_\_\_\_  
Project No. \_\_\_\_\_  
Location \_\_\_\_\_

Our technical staff has examined the Architect/Engineer's Drawings, Specifications and required warranty for the roofing work on this project. We do not wholly endorse the building design or any materials or services not part of our advertised roofing system.

CERTIFICATION

We hereby certify that:

1. All materials we will furnish and deliver to the project shall be of good merchantable quality, shall meet or exceed the Specifications required and shall, if properly applied by one of our approved roofing applicator firms in accord with our instructions, provide a sound weather/watertight roofing system.
2. Upon completion of the installation in accord with the Drawings and specifications and our recommended installation procedures, we shall issue a total system warranty specified in the project Specifications.
3. The Drawings and Specifications follow the recommendations of our roofing manual for this type of roofing system with:

No exceptions.

The following exceptions: (The roofing system will be approved for this project if the following changes are made to the Contract Documents. The bid provided with this Document includes the required changes).

NOTE: Exceptions may cause Owner to reject bid.  
Exceptions are as follows:

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4. The Warranty will be issued for the following proposed roofing system:

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ROOFING SYSTEM MANUFACTURER: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date \_\_\_\_\_

Telephone Number: ( ) \_\_\_\_\_

Fax Number: ( ) \_\_\_\_\_

UNIVERSITY OF MISSOURI  
CONTRACTORS ROOFING/FLASHING/SHEET METAL GUARANTEE  
(Revised 12/94)

WHEREAS (NAME AND ADDRESS OF COMPANY)

herein referred to as Roofing Contractor, certify that they have furnished and installed all roofing, flashing, sheet metal and related components in accordance with the Contract Documents and as required by the Roofing System Manufacturer's installation instructions on the facility described below:

Facility: \_\_\_\_\_

Owner: University of Missouri-(CAMPUS)  
(CAMPUS ADDRESS)

Date of Full Completion: \_\_\_\_\_

Approximate Area of Roof: \_\_\_\_\_

Type of Roofing Material: \_\_\_\_\_

Manufacturer's Specification Number: \_\_\_\_\_

Thickness and Type of Roof Insulation: \_\_\_\_\_

NOW, THEREFORE, Roofing Contractor guaranties to the Owner, subject only to the exclusions stated hereinafter, that all roofing, flashing and sheetmetal work is fully and integrally watertight and is free from faults and defects in material or workmanship, and is guaranteed for a period of three (3) years from date of full completion of work.

EXCLUSIONS: This guarantee does not cover, and Roofing Contractor shall not be liable for the following:

1. Damage to the roofing system caused by fire, lightning, tornado, hurricane or hailstorm.
2. Damage to roofing system caused by significant settlement, distortion or failure of roof deck, walls, or foundations of building, excepting normal building expansion and contraction is not a part of this exclusion.
3. Abuse by the Owner and/or third parties.

REPAIRS: Owner shall promptly notify Roofing Contractor, in writing, of the need for repair of roofing, flashing, or sheet metal:

1. Roofing Contractor, within eight (8) hours after receipt of such notice, shall make emergency repairs at its expense, as required to render the facility watertight.
2. Within five (5) days after receipt of such notice, Roofing Contractor shall at its expense correct any faults or defects in material or workmanship.
3. Should needed repairs not be covered by this guarantee, Roofing Contractor, after having obtained Owner's written consent, shall make such repairs at Owner's expense. Following said repairs, this guarantee shall thereafter remain in effect for the unexpired portion of the original term. If Owner does not so consent or repairs are made by others than the Roofing Contractor, this guarantee shall terminate for those parts of the roof affected by the repair.
4. In the event that Owner has notified the Roofing Contractor of the need for repairs and (i) Roofing Contractor does not immediately make repairs, or (ii) Roofing Contractor disclaims responsibility for the repairs and Owner disagrees, or (iii) Owner considers Roofing Contractor's quoted cost for repairs not covered by this

guarantee to be unreasonable and, an emergency condition exists which requires prompt repair to avoid substantial damage or loss to Owner, then, Owner may make such temporary repairs as he finds necessary and such action shall not be a breach of the provisions of this guarantee.

ANNUAL INSPECTIONS: Roofing Contractor shall inspect roof installation prior to each of the three anniversary dates from date of full completion of the work.

1. Inspection team to include Roofing Contractor, Roof Manufacturer, and Owner=s Representative.
2. Inspection of total roof system will be included in the annual inspections.
3. All defects in total roof system will be corrected by the Roofing Contractor within 30 days of inspection.
4. Roof manufacturer will certify by a written report that roof inspection has been completed, defects are acknowledged, and will warrant any repairs.
5. All corrective work completed by Roofing Contractor shall be warranted as approved by the Roofing Manufacturer.

ROOF MODIFICATION: Should Owner require work to be done on roof of said facility including modifications, alternations, extensions or additions to roof and including installation of vents, platforms, equipment, bracings or fastenings, Owner shall notify Roofing Contractor and give Roofing Contractor an opportunity to make recommendations as to methods necessary to safeguard against damage to roofing covered by this guarantee. Failure of Owner to give Roofing Contractor such opportunity or failure to follow methods recommended by Roofing Contractor shall render this guarantee null and void to the extent such failure should result in damage to roofing covered by this guarantee.

NOTICES: Notification of Roofing Contractor by Owner, shall be fulfilled by sending notice to Roofing Contractor.

IN WITNESS WHEREOF, we set our hands this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

By: \_\_\_\_\_

Title: \_\_\_\_\_

For Roofing Contractor

Name: \_\_\_\_\_

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

Phone: \_\_\_\_\_

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## **ADDITIONAL CONSTRUCTION SCHEDULE REQUIREMENTS**

### **1. GENERAL**

- a. Time is of the essence for this contract.

The time frames spelled out in this contract are essential to the success of this project. The University understands that effective schedule management, in accordance with the General Conditions and these Special Conditions is necessary to insure to that the critical milestone and end dates spelled out in the contract are achieved.

- b. Related Documents

Drawings and general provisions of the Contract, including General Conditions' Article 3.17 shall apply to this Section.

- c. Stakeholders

A Stakeholder is anyone with a stake in the outcome of the Project, including the University, the University Department utilizing the facility, the Design Professionals, the Contractor and subcontractors.

- d. Weather

- (1) Contractor acknowledges that there will be days in which work on the critical path of the project cannot be completed due to the weather, and that a certain number of these lost days are to be expected under normal weather conditions in Missouri.
- (2) Rather than speculate as to what comprises "normal" weather at the location of the project, Contractor agrees that it will assume a total of 44 lost days due to weather over the course of a calendar year, and include same in its as planned schedule. For projects of less than a calendar year, lost weather days should be prorated for the months of construction in accordance with the following schedule.
- (3) Anticipated weather days for allocation/proration only. For projects lasting 12 months or longer, the 44 days per year plus whatever additional months are included will constitute normal weather.

Jan – 5 days	Feb – 5 days	Mar – 4 days	Apr – 4 days
May – 3 days	Jun – 3 days	Jul – 2 days	Aug – 2 days
Sep – 3 days	Oct – 4 days	Nov – 4 days	Dec – 5 days

### **2. SCHEDULING PROCESS**

- a. The intent of this section is to ensure that a well-conceived plan, that addresses the milestone and completion dates spelled out in these documents, is developed with input from all stakeholders in the project. Input is limited to all reasonable requests that are consistent with the requirements of the contract documents, and do not prejudice the Construction Manager's ability to perform its work consistent with the contract documents. Further, the plan must be documented in an understandable format that allows for each stakeholder in the project to understand the plan for the construction and/or renovation contained in the Project.

- b. **Project Controlled Scheduling**  
The content (Activity Descriptions, Durations, Predecessors and Successors) of the Project Schedule will be the responsibility of the Construction Manager. However, the University will provide the services of a Third-Party Scheduling Consultant (TPSC), at the University's expense, to analyze and review the CPM schedule program for the duration of the project. The Construction Manager shall provide the Owner and the TPSC the "live" data file of the CPM schedule in Primavera Project Planner (P3) Oracle P6, Phoenix Project Manager, or other industry standard CPM scheduling program approved by the University prior to Construction Manager's submission of the response to the RFP. Construction Manager will cooperate with the TPSC to agree to a minimum set of activity codes to be utilized for sorting and grouping the schedule.
- c. **Scheduling Personnel**  
The University believes that a capable, experienced construction CPM scheduling professional is critical to the success of the Project scheduling program. Construction Manager shall submit the resume of its proposed scheduling professional that will be responsible for the scheduling product on this Project, along with its plan for how much time this professional will commit to this Project on an ongoing basis. Because of the size and complexity of this Project, the scheduling professional must be an additional member of the Project team, not an additional duty of the superintendent, project manager or project engineer.

### 3. SCHEDULE DEVELOPMENT

- a. Construction Manager shall include the TPSC in initial planning and scheduling meetings within its organization, to develop the initial schedule for obtaining subcontractor input.
- b. Construction Manager shall develop its initial schedule, (herein after the GMP schedule) concurrent with its GMP estimate, utilizing any subcontractors involved in the development of the GMP as input for their respective portions of the GMP schedule. For aspects of the Project which no subcontractor is participating in the development of the GMP, the Construction Manager shall insert activities for all work necessary to construct the Project, based on its experience in constructing this type of project. This GMP schedule shall comply with all aspects of the RFP and the Agreement between the Construction Manager and the University. The GMP schedule shall include sufficient detail to identify the work required to construct the project and activities shall be coded to identify 1) phase of work, 2) area of work, 3) floor, 4) subcontractor and 5) type of work by craft (i.e. erect framing, hang drywall, tape drywall, etc.). The schedule should be broken down into definable areas as the Construction Manager intends to construct the Project, floor by floor at a minimum. The schedule should identify all major equipment procurement and installation as the Construction Manager anticipates constructing the Project at the time of the GMP submittal.
- c. After acceptance of the GMP and associated GMP schedule, Construction Manager shall distribute the GMP schedule to all major subcontractors for their review, prior to meeting with each subcontractor to obtain its input and CONCURRENCE with the project schedule.
- d. Upon all stakeholder's concurrence with the adjusted GMP project schedule, the Construction Manager shall issue it as a BASELINE Schedule, to be updated as the project progresses. The baseline schedule shall be issued within 60 days of the issuance of 100% construction documents.

### 4. SCHEDULE UPDATES

- a. The Construction Manager shall provide to the Owner and the TPSC schedule updates once a month, at a minimum. Actual Start and Finish dates should be recorded regularly during the month. Percent Complete, or Remaining Duration shall be updated as of the

data date. This update shall be provided to the TPSC in electronic format, capable of being converted into Primavera P3.

- b. In addition to inputting actual start and finish dates and remaining durations the update shall include:

- (1) Correction of out of sequence progress, making adjustments as necessary and
- (2) The addition of any fragments necessary to describe changes or other impacts to the project schedule.

## 5. SCHEDULE NARRATIVE

- a. The Construction Manager shall prepare a Narrative that describes progress for the month, describing all out of sequence progress and inserted fragments explaining impacts to the schedule. If the Construction Manager believes that it is entitled to a time extension, the narrative shall include a detailed description of the impacts, what activities were affected and what steps were taken to mitigate the overall impact.

## 6. PROGRESS MEETINGS

- a. The Construction Manager shall review a four week look ahead schedule at each monthly progress meeting. Payments to the Contractor may be suspended if the progress schedule is not adequately updated to reflect actual conditions.
- b. Submit progress schedules to subcontractors to permit coordinating their progress schedules to the general construction work. Include 4 week look ahead schedules to allow subs to focus on critical upcoming work.

## 7. CRITICAL PATH METHOD (CPM)

- a. This Section includes administrative and procedural requirements for the critical path method (CPM) of scheduling and reporting progress of the Work.
- b. Refer to the General and Special Conditions and the Agreement for definitions and specific dates of Contract Time.
- c. Critical Path Method (CPM): A method of planning and scheduling a construction project where activities are arranged based on activity relationships and network calculations determine when activities can be performed and the critical path of the Project.
- d. Critical Path: The longest continuous chain of activities through the network schedule that establishes the minimum overall project duration.
- e. Network Diagram: A graphic diagram of a network schedule, showing the activities and activity relationships.
- f. Activity: A discrete part of a project that can be identified for planning, scheduling, monitoring, and controlling, the construction project. Activities included in a construction schedule consume time and resources.
- g. Critical activities are activities on the critical path.
- h. Predecessor activity is an activity that must be completed before a given activity (successor activity) can be started.
- i. Milestone: A key or critical point in time for reference or measurement.

- j. Weather: Adverse weather that is normal for the area must be taken into account in the Contractor's Project Schedule. See 1.d.3, above.
- k. Force Majeure Event: Any event that delays the project but is beyond the control and/or contractual responsibility of either party.
- l. Schedule shall include the following, in addition to Contractor's work:
  - (1) Phasing: Provide notations on the schedule to show how the sequence of the Work is affected by the following:
    - (a) Requirements for phased completion and milestone dates.
    - (b) Work by separate contractors.
    - (c) Work by the Owner.
    - (d) Coordination with existing construction.
    - (e) Limitations of continued occupancies.
    - (f) Uninterruptible services.
    - (g) Partial occupancy prior to Substantial Completion.
    - (h) Area Separations: Use Activity Codes to identify each major area of construction for each major portion of the Work. For the purposes of this Article, a "major area" is a story of construction, a separate building, or a similar significant construction element.
  - (2) Subcontractor: Use Activity Codes to identify the type of work, or craft that will execute each activity.
  - (3) Type Work or Craft: Use Activity Codes to identify the type of work, or craft that will execute each activity.

## 8. TIME EXTENSION REQUEST

- a. Refer to General Conditions of the Contract for Construction, Article 4.7 Claims for Additional Time.
- b. Changes or Other Impacts to the Contractor's Work Plan  
The Owner will consider and evaluate requests for time extensions due to changes or other events beyond the control of the Contractor on a monthly basis only, with the submission of the Contractor's updated schedule, in conjunction with the monthly application for payment. The Update must include:
  - (1) An activity depicting the event(s) impacting the Contractors work plan shall be added to the CPM schedule, using the actual start date of the impact, along with actually required predecessors and successors.
  - (2) After the addition of the impact activity(ies), the Contractor shall work with the TPSC to identify subsequent activities on the critical path, with finish to start relationships that can be realistically adjusted to overlap using good, standard construction practice.
- c. If the adjustments above result in the completion date being brought back within the contract time period, no adjustment will be made in the contract time.
- d. If the adjustments above still result in a completion date beyond the contract completion date, the delay shall be deemed excusable, and the contract completion date shall be extended by the number of days indicated by the analysis.



- e. Contractor agrees to continue to utilize its best efforts to make up the time caused by the delays. However, the Contractor is not expected to expend costs not contemplated in its contract, in making those efforts.
- f. Questions of compensability of any delays shall be held until the actual completion of the project. If the actual substantial completion date of the project based on excusable delays, excluding weather delays, exceeds the original contract completion date, AND there are no delays that are the responsibility of the contractor to consider, the delays days shall be considered compensable. The actual costs, if any, of the Contractor's time sensitive jobsite supervision and general conditions costs, shall be quantified and a change order issued for these costs.

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**PREVALING WAGE ORDER**

DRAFT

# Missouri

## Division of Labor Standards

### WAGE AND HOUR SECTION



MIKE KEHOE, Governor

## Annual Wage Order No. 32

Section 010  
**BOONE COUNTY**

In accordance with Section 290.262 RSMo 2000, within thirty (30) days after a certified copy of this Annual Wage Order has been filed with the Secretary of State as indicated below, any person who may be affected by this Annual Wage Order may object by filing an objection in triplicate with the Labor and Industrial Relations Commission, P.O. Box 599, Jefferson City, MO 65102-0599. Such objections must set forth in writing the specific grounds of objection. Each objection shall certify that a copy has been furnished to the Division of Labor Standards, P.O. Box 449, Jefferson City, MO 65102-0449 pursuant to 8 CSR 20-5.010(1). A certified copy of the Annual Wage Order has been filed with the Secretary of State of Missouri.

Original Signed by

Logan Hobbs, Director  
Division of Labor Standards

Filed With Secretary of State: March 10, 2025

Last Date Objections May Be Filed: April 9, 2025

Prepared by Missouri Department of Labor and Industrial Relations

OCCUPATIONAL TITLE	**Prevailing Hourly Rate
Asbestos Worker	\$61.64
Boilermaker	\$34.21*
Bricklayer-Stone Mason	\$57.33
Carpenter	\$54.00
Lather	
Linoleum Layer	
Millwright	
Pile Driver	
Cement Mason	\$47.94
Plasterer	
Communication Technician	\$60.91
Electrician (Inside Wireman)	\$60.73
Electrician Outside Lineman	\$63.75
Lineman Operator	
Lineman - Tree Trimmer	
Groundman	
Groundman - Tree Trimmer	
Elevator Constructor	\$34.21*
Glazier	\$57.72
<b>Ironworker</b>	<b>\$72.58</b>
Laborer	\$45.36
General Laborer	
First Semi-Skilled	
Second Semi-Skilled	
Mason	\$63.31
Marble Mason	
Marble Finisher	
Terrazzo Worker	
Terrazzo Finisher	
Tile Setter	
Tile Finisher	
Operating Engineer	\$67.29
Group I	
Group II	
Group III	
Group III-A	
Group IV	
Group V	
Painter	\$43.55
Plumber	\$72.49
Pipe Fitter	
Roofer	\$56.44
Sheet Metal Worker	\$58.82
Sprinkler Fitter	\$69.16
Truck Driver	\$34.21*
Truck Control Service Driver	
Group I	
Group II	
Group III	
Group IV	

\*The Division of Labor Standards received fewer than 1,000 reportable hours for this occupational title. The public works contracting minimum wage is established for this occupational title using data provided by Missouri Economic Research and Information Center.

\*\*The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title as defined in RSMo Section 290.210.

Heavy Construction Rates for  
BOONE County

Section 010

OCCUPATIONAL TITLE	**Prevailing Hourly Rate
Carpenter	\$67.38
Millwright	
Pile Driver	
Electrician (Outside Lineman)	\$83.75
Lineman Operator	
Lineman - Tree Trimmer	
Groundman	
Groundman - Tree Trimmer	
Laborer	\$53.59
General Laborer	
Skilled Laborer	
Operating Engineer	\$69.61
Group I	
Group II	
Group III	
Group IV	
Truck Driver	\$34.21*
Truck Control Service Driver	
Group I	
Group II	
Group III	
Group IV	

Use Heavy Construction Rates on Highway and Heavy construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(3).

Use Building Construction Rates on Building construction in accordance with the classifications of construction work established in 8 CSR 30-3.040(2).

If a worker is performing work on a heavy construction project within an occupational title that is not listed on the Heavy Construction Rate Sheet, use the rate for that occupational title as shown on the Building Construction Rate Sheet.

\*The Division of Labor Standards received fewer than 1,000 reportable hours for this occupational title. Public works contracting minimum wage is established for this occupational title using data provided by Missouri Economic Research and Information Center.

\*\*The Prevailing Hourly Rate includes any applicable fringe benefit amounts for each occupational title.

ANNUAL WAGE ORDER NO. 32

3/25

## OVERTIME and HOLIDAYS

### OVERTIME

For all work performed on a Sunday or a holiday, not less than twice (2x) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work.

For all overtime work performed, not less than one and one-half (1½) the prevailing hourly rate of wages for work of a similar character in the locality in which the work is performed or the public works contracting minimum wage, whichever is applicable, shall be paid to all workers employed by or on behalf of any public body engaged in the construction of public works, exclusive of maintenance work or contractual obligation. For purposes of this subdivision, "**overtime work**" shall include work that exceeds ten hours in one day and work in excess of forty hours in one calendar week; and

A thirty-minute lunch period on each calendar day shall be allowed for each worker on a public works project, provided that such time shall not be considered as time worked.

### HOLIDAYS

January first;  
The last Monday in May;  
July fourth;  
The first Monday in September;  
November eleventh;  
The fourth Thursday in November; and  
December twenty-fifth;

If any holiday falls on a Sunday, the following Monday shall be considered a holiday.

## **GENERAL CONDITIONS**

Insert current edition of General Conditions.

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