ADDENDUM #02

DATE: MARCH 2, 2020

TO CONTRACT DOCUMENTS ENTITLED:

UNIVERSITY OF MISSOURI – ELLIS LIBRARY
WINDOW REPLACEMENT AND MASONRY RESTORATION

PROJECT NUMBER: CP201091

ADVERTISEMENT DATE: FEBRUARY 10, 2020

PREPARED FOR: The Curators of the University of Missouri

CONSULTANT: International Architects Atelier, Inc.
912 Broadway Suite 300
Kansas City, Missouri 64105
Telephone: (816) 471-6522

Specifications and Drawings for the above noted project and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

SPECIFICATION CHANGES & CLARIFICATIONS

1. 1.A BID FOR LUMP SUM CONTRACT

DELETE: 1.A Bid for Lump Sum Contract

ADD: 1.A Bid for Lump Sum Contract

2. 085113 – ALUMINUM WINDOWS, PART 2 – PRODUCTS, 2.1 MANUFACTURERS

PARAGRAPH A.

ADD: Acceptable Manufacturer: EFCO Corporation Windows Series 450G and 550G, with condition to provide matching custom profiles and pans as shown on the Bid Documents. Cost of engineering and fabrication of custom profiles and pans shall be included in the base bid. No change order requests for engineering and fabrication of any custom profiles or pans after bid opening will be accepted. Engineering and fabrication of all custom profiles and pans shall not be grounds for requests for a time extension during construction.

3. 085113 – ALUMINUM WINDOWS, PARAGRAPH 3.3 FIELD QUALITY CONTROL

CLARIFICATION: Some window types may not allow for three window testing. Windows will be tested per Architect’s directions. Contractor shall assist Owner’s
testing agency with window testing.

**DRAWING CHANGES & CLARIFICATIONS**

1. **DRAWING SHEET: G001 GENERAL INFORMATION**
   **CLARIFICATION:** Detail S8 General Notes / General Note Number 17
   Contractor shall include in their base bid filling voids up to two inches beyond the minimum one-inch tuckpointing. Regular mortar mix can be used for infilling voids. Historic mortar pointing shall be used for the last one inch of pointing.

   **REVISION:** Detail B8 Site Access and Staging Plan
   After further consideration, the University of Missouri – Columbia has agreed to increase the limit of construction, which includes the limit of all scaffolding, from 5'- 0" to 7'- 0".

2. **DRAWING SHEET: A201 MASONRY RESTORATION ELEVATIONS DETAIL H1, KEYNOTES, NOTE 22**
   **ADD:** Refer to Detail A1 Bike Rack Detail / AD-01

3. **DRAWING SHEET: A220, A221, A222, A223, A224 – WINDOW RESTORATION ELEVATIONS**
   **CLARIFICATION:** Detail L1, Keynotes, General Window Restoration Notes Note Number 5
   Contractor to remove only exterior glazing putty at all restored windows and replace with new exterior glazing putty.

**ATTACHMENTS:**

1. 1.A BID FOR LUMP SUM CONTRACT, AD-01

**END OF ADDENDUM # 2**
SECTION 1.A

BID FOR LUMP SUM CONTRACT

Date:____________________________

BID OF
(hereinafter called "Bidder") a corporation* organized and existing under laws of the State of ____________

a partnership* consisting of ___________________________,
an individual* trading as ___________________________,
a joint venture* consisting of ___________________________.

*Insert Corporation(s), partnership or individual, as applicable.

TO: Curators of the University of Missouri
c/o Associate Vice Chancellor - Facilities
Room L100, General Services Building
University of Missouri
Columbia, MO 65211

1. Bidder, in compliance with invitation for bids for construction work in accordance with
Drawings and Specifications prepared by INTERNATIONAL ARCHITECTS ATELIER, entitled
"ELLIS LIBRARY WINDOW REPLACEMENT & MASONRY RESTORATION", project number
CP201091, dated February 10, 2020 having examined Contract Documents and site of proposed
work, and being familiar with all conditions pertaining to construction of proposed project, including
availability of materials and labor, hereby proposes to furnish all labor, materials and supplies to
construct project in accordance with Contract Documents, within time set forth herein at prices
stated below. Prices shall cover all expenses, including taxes not covered by the University of
Missouri’s tax exemption status, incurred in performing work required under Contract documents, of
which this Bid is a part.

Bidder acknowledges receipt of following addenda:

Addendum No. ___________________________ Dated ____________
Addendum No. ___________________________ Dated ____________
Addendum No. ___________________________ Dated ____________
Addendum No. ___________________________ Dated ____________

2. In following Bid(s), amount(s) shall be written in both words and figures. In case of
discrepancy between words and figures, words shall govern.

3. BID PRICING
a. Base Bid:
The Bidder agrees to furnish all labor, materials, tools, and equipment required to replace
existing windows and restore masonry at Ellis Library; all as indicated on the Drawings and
described in these Specifications for sum of:

_____________________________________________ DOLLARS ($ ________________).

b. Additive Alternate Bids:

Above Base Bid may be changed in accordance with following Alternate Bids as Owner
may elect. Alternates are as described in Section 1.H of Project Manual. Alternates are
written in a priority order, but Owner is not required to accept or reject in order listed. This is
a one (1) contract project, therefore, Alternates shall be studied by each Bidder to
determine effect on Bids of Contractor and each Subcontractor and/or Material supplier.

(1) **Additive Alternate No. 1:** This alternate includes installation of the new
aluminum casted ornamental trims for Windows 201, 202, 203, 204, 205, 206, 207,
208, 209, 212, 224 and as indicated on the Drawings. Contractor shall include
expenses related to mobilization, equipment and installation of the ornamental
trims in this alternate.
All for sum of:

DOLLARS ($__________).

(2) **Additive Alternate No. 2:** This alternate includes cost associated with
restoration and finishes of windows at first floor, including Windows 100, 101, 102,
119, 120, 121, 122, 123 and 124.
All for sum of:

DOLLARS ($__________).

(3) **Additive Alternate No. 3:** This alternate includes cost associated with
restoration and finishes of existing windows at G200 level, including Windows 001,
002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012. Only exterior of Windows
013, 014, 015, 016, and 017 shall be restored and painted under this alternate.
All for sum of:

DOLLARS ($__________).

(4) **Additive Alternate No. 4:** This alternate includes cost of adding muntins for
all aluminum windows in between glass lites to match exterior and interior muntins.
All for sum of:

DOLLARS ($__________).

c. Unit Prices:

(1) For changing specified quantities of work from those indicated by Contract
Drawings and Specifications, upon written instructions of Owner, the following Unit
Prices shall prevail in accordance with General Conditions.

(2) The following Unit Prices include all labor, overhead and profit, materials,
equipment, appliances, bailing, shoring, shoring removal, etc., to cover all work.

(3) The following Unit Prices are required where applicable to particular Base
Bid and/or Alternate being submitted.

(4) Only a single Unit Price shall be given and it shall apply for either MORE or
LESS work than that indicated on Drawings and called for in Specifications as
indicated to be included in Base Bid and/or Alternates. In the event that more or
less units than so indicated is actually furnished, Change Orders will be issued for
increased or decreased amounts as approved by the Owner.

(5) Bidder understands that the Owner will not be liable for any Unit Price or
any amount in excess of Base Bid and any Alternate(s) accepted at time of award
of Contract, except as expressed in written Change Orders duly executed and
delivered by Owner's Representative.
FILL IN ONLY ONE PRICE PER LINE

(6) Cut stone to min. 6” depth. Provide a min. 1-1/2” expansion joint. Infill the joint with pre-compressed expansion joint filler as shown in Detail B7 / A520.
   Base Bid quantity = _______ 120 ______ if. $_______ if.

(7) All fractures or cracks that are less than or equal to 1/8” shall be injected with dispersed hydrated lime (DHL). If a cavity is too deep to be filled using DHL, an application of NHL shall be used to top over the opening. DHL shall be custom matched to limestone. Refer to photo B29/A210
   Base Bid quantity = _______ 40 ______ if. $_______ if.

(8) Prepare spalling stone per detail B17/A520. Patch with historic patching material to match existing stone and profile.
   Base Bid quantity = _______ 21 ______ ea. $_______ ea.

(9) Use micro pins for locations of detached stone where the thickness of the spall is less than or equal to 2”. Use 4 mm stainless steel or titanium surgical bone screws inserted by hand using a hex key. All pins shall have a minimum embedment depth of 2” into the parent stone. Screw heads shall have a 1/4” countersunk depth. Pins shall be spaced a minimum distance of 6” apart. Provide a minimum distance of 3” from the edge of the stone unit.
   Base Bid quantity = _______ 7 ______ if. $_______ if.

(10) Any fractures or cracks that coincide with an area to be pinned, or as indicated in the drawings, shall be injected with masonry adhesive grout. Pre-drill 3/16” ports along the crack and inject using a plastic syringe with a 12 gauge stainless steel needle.
     Base Bid quantity = _______ 15 ______ if. $_______ if.

(11) Any skyward facing, open veins with a capacity to hold water shall be treated with natural hydraulic lime (NHL). Allow the DHL to set until it is thumbprint-hard, then apply the NHL on top using the standard application process. For any unexposed DHL, standard color could be used.
     Base Bid quantity = _______ 4 ______ if. $_______ if.

(12) For locations of detached stone where the thickness of the spall is greater than 2”, 1/8” all threaded rod shall be used. Anchor threaded rods into pilot holes using masonry adhesive grout. All pins shall have a minimum embedment depth of 2” into the parent stone. Threaded rods shall have a 1/4” countersunk depth. Pins shall be spaced a minimum distance of 6” apart. Provide a minimum distance of 3” from the edge of the stone unit. Refer to detail L27/A520
     Base Bid quantity = _______ 4 ______ ea. $_______ ea.

(13) For locations of delaminated stone where the thickness of the spall is greater than 2”, 3/8” all threaded rod shall be used. Anchor threaded rods into pilot holes using masonry adhesive grout. All pins shall have a minimum embedment depth of 2” into the parent stone. Threaded rods shall have a 1/4” countersunk depth. Pins shall be spaced a minimum distance of 6” apart. Provide a minimum distance of 3” from the edge of the stone unit. Refer L27/A520
     Base Bid quantity = _______ 3 ______ ea. $_______ ea.
(14) Rake all horizontal mortar joints to min 1-1/2" depth. Fill entire joint cavity with mortar to min. 1" from the surface of stone. Place backer rod and sealant.  
Base Bid quantity = 1500 lf. $ __________ lf.

(15) Remove Entire Existing Sealant Joint/Tar and Replace with new sealant joint. 
Base Bid quantity = 35 lf. $ __________ lf.

(16) Cut and prepare stone to receive Dutchman repair. Refer detail L7/A520 
Base Bid quantity = 3 ea. $ __________ ea.

(17) Position drain scupper in correct position and fully mortar around scupper to secure in place. Reference typical photo B14/A211 
Base Bid quantity = 10 ea. $ __________ ea.

(18) Remove lead covered joint and rake and tuck point to min. 1" depth. Mortar joint below. Reset Lead covered joint and caulk joints. 
Base Bid quantity = 4 ea. $ __________ ea.

(19) Remove all sealant joints around metal flashings. Repair prior to installing new sealant joints at existing metal flashings. 
Base Bid quantity = 48 lf. $ __________ lf.

(20) Prepare damaged stone per detail V7/A520 insert 1/8" stainless steel dowel and patch the damaged stone with custom matched patching mortar. 
Base Bid quantity = 1 ea. $ __________ ea.

(21) Remove entire sealant and mortar joint above column capitals. Infill joint with mortar to 1" from surface of masonry. Place backer rod and sealant along entire joint. 
Base Bid quantity = 10 lf. $ __________ lf.

(22) Prepare damaged stone per detail V17/A520 
Base Bid quantity = 2 ea. $ __________ ea.

(23) Provide missing wood window pulls as specified in 080352 
Base Bid quantity = 10 ea. $ __________ ea.

(24) Provide missing wood window sash locks as specified in 080352 
Base Bid quantity = 5 ea. $ __________ ea.

4. PROJECT COMPLETION

a. Contract Period – Contract period begins on the day the Contractor receives unsigned Contract, Performance Bond, Payment Bond, and "Instructions for Execution for Contract, Bonds, and Insurance Certificates." Bidder agrees to complete project on or before October 1, 2020. Refer to Special Conditions paragraph 2 for on-site construction start and other special scheduling requirements.

b. Commencement - Contractor agrees to commence work on this project after the "Notice to Proceed" is issued by the Owner. "Notice to Proceed" will be issued within seven (7) calendar days after Owner receives properly prepared and executed Contract documents listed in paragraph 4.a. above. Notice to Proceed is anticipated by March 19, 2020.

c. Special scheduling requirements: Refer to Special Conditions for all Special Scheduling
5. SUBCONTRACTOR LIST:

Bidder hereby certifies that the following subcontractors will be used in performance of Work:

NOTE: Failure to list subcontractors for each category of work identified on this form or listing more than one subcontractor for any category of work without designating the portion of work performed by each shall be grounds for rejection of bid. List name, city, and state of designated subcontractor, for each category of work listed in Bid For Lump Sum Contract. If work within a category will be performed by more than one subcontractor, Bidder shall provide name, city, and state of each subcontractor and specify exact portion of work to be performed by each. If acceptance/non-acceptance of Alternates will affect designation of a subcontractor, Bidder shall provide information, for each affected category, with this bid form. If Bidder intends to perform any designated subcontract work by using Bidder's own employees, then Bidder shall list their own name, city, and state. The bidder may petition the Owner to change a listed subcontractor only within 48 hours of the bid opening. See Information For Bidders Section 16 List of Subcontractors for requirements.

<table>
<thead>
<tr>
<th>Work to be performed</th>
<th>Subcontractor Name, City, State</th>
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<tbody>
<tr>
<td>Mason Contractor</td>
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<tr>
<td>New Window Installer</td>
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<tr>
<td>Wood Window Restoration</td>
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<tr>
<td>Scaffolding Contractor</td>
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<tr>
<td>Painting Contractor</td>
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6. SUPPLIER DIVERSITY PARTICIPATION GOALS

a. The Contractor shall have as a goal, subcontracting with Minority Business Enterprise (MBE) of 10%, with Service Disabled Veteran Owned Business (SDVE) of three percent (3%), and with Women Business Enterprise (WBE), Disadvantage Business Enterprise (DBE), and/or Veteran Owned Business of (10%) ten percent of awarded contract price for work to be performed.

b. Requests for waiver of this goal shall be submitted on the attached Application For Waiver form. A determination by the Director of Facilities Planning & Development, UM, that a good faith effort has not been made by Contractor to achieve above stated goal may result in rejection of bid.

c. The Undersigned proposes to perform work with following Supplier Diversity participation level:

MBE PERCENTAGE PARTICIPATION: ___________ percent (___ %)
SDVE PERCENTAGE PARTICIPATION: ___________ percent (___ %)
WBE, DBE and/or VETERAN PERCENTAGE PARTICIPATION: ___________ percent (___ %)

d. A Supplier Diversity Compliance Evaluation form shall be submitted with this bid for each diverse subcontractor to be used on this project.
7. **BIDDER'S ACKNOWLEDGMENTS**

a. Bidder declares that he has had an opportunity to examine the site of the work and he has examined Contract Documents therefore; that he has carefully prepared his bid upon the basis thereof; that he has carefully examined and checked bid, materials, equipment and labor required thereunder, cost thereof, and his figures therefore. Bidder hereby states that amount, or amounts, set forth in bid is, or are, correct and that no mistake or error has occurred in bid or in Bidder's computations upon which this bid is based. Bidder agrees that he will make no claim for reformation, modifications, revisions or correction of bid after scheduled closing time for receipt of bids.

b. Bidder agrees that bid shall not be withdrawn for a period of 60 days after scheduled closing time for receipt of bids.

c. Bidder understands that Owner reserves right to reject any or all bids and to waive any informalities in bidding.

d. Accompanying the bid is a bid bond, or a certified check, or an irrevocable letter of credit, or a cashier's check payable without condition to "The Curators of the University of Missouri" which is an amount at least equal to five percent (5%) of amount of largest possible total bid herein submitted, including consideration of Alternates.

e. Accompanying the bid is a Bidder's Statement of Qualifications. Failure of Bidder to submit the Bidder's Statement of Qualifications with the bid may cause the bid to be rejected. Owner does not maintain Bidder's Statements of Qualifications on file.

f. It is understood and agreed that bid security of two (2) lowest and responsive Bidders will be retained until Contract has been executed and an acceptable Performance Bond and Payment Bond has been furnished. It is understood and agreed that if the bid is accepted and the undersigned fails to execute the Contract and furnish acceptable Performance/Payment Bond as required by Contract Documents, accompanying bid security will be realized upon or retained by Owner. Otherwise, the bid security will be returned to the undersigned.

8. **BIDDER'S CERTIFICATE**

Bidder hereby certifies:

a. His bid is genuine and is not made in 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 or corporation.

b. He has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid.

c. He has not solicited or induced any person, firm or corporation to refrain from bidding.

d. He has not sought by collusion or otherwise to obtain for himself any advantage over any other Bidder or over Owner.

e. He will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin in connection with performance of work.
f. By virtue of policy of the Board of Curators, and by virtue of statutory authority, a preference will be given to materials, products, supplies, provisions and all other articles produced, manufactured, mined or grown within the State of Missouri. By virtue of policy of the Board of Curators, preference will also be given to all Missouri firms, corporations, or individuals, all as more fully set forth in "Information For Bidders."
9. **BIDDER'S SIGNATURE**

Note: All signatures shall be original; not copies, photocopies, stamped, etc.

<table>
<thead>
<tr>
<th>Authorized Signature</th>
<th>Date</th>
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<tbody>
<tr>
<td>Printed Name</td>
<td>Title</td>
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<td>Company Name</td>
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<td>Mailing Address</td>
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<td>City, State, Zip</td>
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<tr>
<td>Phone No.</td>
<td>Federal Employer ID No.</td>
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<tr>
<td>Fax No.</td>
<td>E-Mail Address</td>
</tr>
<tr>
<td>Circle one:</td>
<td>Individual     Partnership   Corporation   Joint Venture</td>
</tr>
<tr>
<td>If a corporation, incorporated under the laws of the State of _________</td>
<td></td>
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<tr>
<td>Licensed to do business in the State of Missouri? _____yes _____no</td>
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</table>

(Each Bidder shall complete bid form by manually signing on the proper signature line above and supplying required information called for in connection with the signature. Information is necessary for proper preparation of the Contract, Performance Bond and Payment Bond. Each Bidder shall supply information called for in accompanying "Bidder's Statement of Qualifications.")

**END OF SECTION**
NOTE:

1. CUT EXISTING BASE OF BIKE RACK AND FULLY WELD TO NEW 6" X 6" X 1/2" GALVANIZED PLATE. COLD GALVANIZE THE CONNECTION OF THE BIKE RACKS TO THE PLATE.

2. DRILL WEEP HOLES AT THE BASE OF THE BIKE RACKS TO ALLOW FOR DRAINAGE.

3. TYPICAL MOUNTING DETAIL FOR ALL BIKE RACKS.