

TO CONTRACT DOCUMENTS ENTITLED:

PROJECT MANUAL FOR: **Mizzou Student Athletic Training Facility Complex –
Football Practice Field 1 & 2 Field Lights**

PROJECT NUMBER: **CP222681**

ADVERTISEMENT DATE: 2022.10.11

PREPARED FOR: The Curators of the University of Missouri

PREPARED BY: Henderson Engineers, Inc.
Attn: Logan VanSandt
1801 Main St, Suite 300
Kansas City, MO 64108
Phone: (816) 663-8700

Drawings and Specifications 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.

GENERAL:

- Drawing cover sheet and all subsequent sheet title blocks shall be revised to correct the project name to: Mizzou Student Athletic Training Facility Complex – Football Practice Field 1 & 2 Field Lights.
- Design professional certification sheets are reissued to include professional seals. Refer to Attachments.
- Bid Form (pages 1.A-1 through 1.A-5) is reissued to include revised unit pricing. Refer to Attachments.
- Refer to Project Manual Special Conditions. Revise paragraph 13.b Irrigation System, relabeled as 13.c and revised as follows to include work around existing sprinkler heads:

Irrigation System: Modification(s) and or repair(s) to existing systems is to match the existing equipment and materials. The Owner will provide to the contractor the product information on the existing irrigation systems so the correct changes and/or repairs can be made.

(1) Contact Jerry Cummings (573) 884-0095 to assist in locating existing sprinkler heads. Existing sprinkler heads shall be flagged prior to any work on the field grass.

- Refer to Project Manual Special Conditions. Replace paragraph 13.a Specialties as follows. Paragraphs 13.a(1), (2) and (3) remain unchanged:
 - a. *Repair of existing Bermuda Grass Sod: Contractor shall protect all grass areas from damage due to construction traffic or activities. Ruts due to construction traffic or activities within the allowed access areas on Sheet C2.01 on the west and north sides of Field #2 shall be repaired and graded smooth to match existing slopes and elevations by the Contractor and approved by the Owner prior to placement of topsoil. Owner shall provide and install replacement sod at Contractor Cost.*

Owner furnished topsoil: The contractor shall place Owner provided topsoil and grade to the finish elevation as defined in the contract. The contractor will load and haul topsoil from the Owner's stockpile located within two (2) miles of the project site. The contractor is required to notify the Owner a minimum of five (5) working days in advance of the needed topsoil Topsoil shall be placed with rubber tracked equipment to minimize compaction. Placement shall be sequenced to minimize compaction and damage to the topsoil. Topsoil or subsoil damaged, contaminated, or compacted during topsoil placement shall be repaired or replaced as directed by the Owner's Representative. Hand work shall be required next to adjacent structures and around utilities. Erosion control measures shall be maintained throughout and after topsoil placement.

SPECIFICATION CHANGES:

NONE

DRAWING CHANGES:

NONE

QUESTIONS:

1. Is it acceptable to bypass MSB2 and provide a new service directly from the 480V service transformer?

RESPONSE: Contractor shall bid the project as indicated on the drawings. After the bid is awarded, the contractor may propose an alternate design. The alternate design will be reviewed by the design team and revised drawings shall be issued to include all required work, including a new service ground and main service disconnect.

2. Will the sports lighting be purchased by the University or the contractor?

RESPONSE: Sports lighting shall be purchased by the contractor. The only owner provided equipment is the Daktronics scoreboards. The Daktronics scoreboards will be mounted to the light poles by the Owner. Power for the scoreboards shall be provided by the Contractor, sports lighting pole shall be designed to accommodate the installation of the scoreboard.

3. What is the mounting height for the sports lights?

RESPONSE: The basis of design is 90'-0" AFG. The lights may be higher or lower if the fields are illuminated as specified and designed and maintain all cutoff requirements from the same 6 pole locations as shown on the drawings.

4. What is the adopted building code as it relates to wind speed requirements on the poles?

RESPONSE: The University has adopted the 2021 version of the International Building Code as indicated on sheet G0. Additional codes include the 2021 version of the International Existing Building Code, 2020 version of the National Electrical Code, and the 2019 version of ASHRAE 90.1 Energy Code.

ATTACHMENTS:

- Replace cover page and engineer's seal sheets.
- Replace entire bid form.

END OF ADDENDUM #1

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PROJECT MANUAL FOR: MIZZOU STUDENT ATHLETIC TRAINING FACILITY
COMPLEX – FOOTBALL PRACTICE FIELD 1 & 2 FIELD LIGHTS

PROJECT NUMBER: CP222681

AT
UNIVERSITY OF MISSOURI - COLUMBIA
COLUMBIA, MISSOURI

FOR:

THE CURATORS OF THE UNIVERSITY OF MISSOURI

PREPARED BY:
HENDERSON ENGINEERS, INC
1801 Main St, Suite 300
Kansas City, Missouri 64108

DATE: OCTOBER 6, 2022

CIVIL ENGINEER OF RECORD

Benjamin Ross
Engineering Survey & Services
1113 Fay Street
Columbia, MO 65201

The drawings intended to be authenticated by my seal are limited to:

- C0.01 COVER
- V1.01 BOUDARY AND TOPOGRAPHICAL SURVEY
- V1.02 BOUDARY AND TOPOGRAPHICAL SURVEY
- V1.03 BOUDARY AND TOPOGRAPHICAL SURVEY
- V1.04 BOUDARY AND TOPOGRAPHICAL SURVEY
- V1.05 BOUDARY AND TOPOGRAPHICAL SURVEY
- C1.01 SITE PLAN
- C1.02 SITE PLAN
- C2.01 SITE ACCESS
- C3.01 DETAILS

The specification sections intended to be authenticated by my seal are limited to:

- 31 10 00 SITE CLEARING
- 31 20 10 EARTH MOVING
- 32 12 16 ASPHALT PAVING
- 32 13 13 CONCRETE PAVING



I hereby certify that these Drawings and/or Specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these Drawings and/or Specifications are as required by and in compliance with Building Codes of the University of Missouri.

Signature: Benjamin A Ross 10/6/2022
Benjamin A. Ross, P.E. Date
Missouri Engineer E-30054
Civil Engineer of Record

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
Columbia, MO 65211

1. Bidder, in compliance with invitation for bids for construction work in accordance with Drawings and Specifications prepared by Henderson Engineers, Inc., entitled "MIZZOU STUDENT ATHLETIC TRAINING FACILITY COMPLEX – FOOTBALL PRACTICE FIELD 1 & 2 FIELD LIGHTS", project number CP222681, dated October 6, 2022, 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 install new practice field sports and pedestrian lighting; all as indicated on the Drawings and described in these Specifications for sum of:

_____ DOLLARS (\$ _____).

b. Additive Alternate Bids: Not Used.

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.

(6) Drilled pier foundation excavation in rock (includes temporary casing, dewatering, and tremie concrete placement as required). Basis of design pier is 16' deep x 30" diameter.
Base Bid quantity = 3.3 cy \$_____/cy

(7) Drilled pier foundation excavation in soil (includes temporary casing, dewatering, and tremie concrete placement as required). Basis of design pier is 16' deep x 30" diameter.
Base Bid quantity = 15.3 cy \$_____/cy

(8) Site restoration, subgrade preparation and top soil installation per Special Conditions paragraph 13, for Owner provided and installed sod replacement, all at no cost to Owner.
Base Bid quantity = 2,435 cy \$_____/cy

d. Allowance: Not Used

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 of Contract, Bonds, and Insurance Certificates." Bidder agrees to complete project by May 26, 2023

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.

c. Special scheduling requirements: Contractor shall perform all work in the designated areas between April 10, 2023 and May 26, 2023. Refer to Special Scheduling requirements

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.

	Work to be performed	Subcontractor Name,	City, State
Electrical Contractor	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
Field Lighting Contractor	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

6. SUPPLIER DIVERSITY PARTICIPATION GOALS

a. The Contractor shall have as a goal, subcontracting with Minority Business Enterprise (MBE) of Ten (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 Ten (10) 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 ninety (90) 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 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.

Authorized Signature	Date
Printed Name	Title
Company Name	
Mailing Address	
City, State, Zip	
Phone No.	Federal Employer ID No.
Fax No.	E-Mail Address
Circle one: Individual Partnership Corporation Joint Venture	
If a corporation, incorporated under the laws of the State of _____	
Licensed to do business in the State of Missouri? ____yes ____no	

(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