



**THIS IS NOT
AN ORDER**

REQUEST FOR BIDS/PROPOSALS COVERSHEET
THE UNIVERSITY OF SOUTHERN MISSISSIPPI
Procurement and Contract Services
118 College Drive #5003, Hattiesburg, Mississippi 39406-0001

Date: September 24, 2021

RFP No. 22-12

THE UNIVERSITY OF SOUTHERN MISSISSIPPI is considering the purchase of the following item(s). We ask that you submit your bid and retain one copy for your files. Right is reserved to accept or reject any part of your bid. Your quotation will be given consideration if received in Bond Hall, Room 214 on or before:

2:00 p.m. CST

October 26, 2021

Buyer: Deidre Edwards

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

TERMS - Bidder should state terms of sale. Our terms are 2% ten days, net 45 days.

These terms will apply per Mississippi law.

AWARDING CONTRACT - Cash terms will not be used as a basis for awarding contracts; however, the University will accept cash discounts when earned.

NOTE: If you cannot quote on the exact material shown, please indicate any exception giving brand name and complete specifications of any alternate. If additional space is required, use a separate sheet or letter of transmittal.

ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL NET PRICE
		RFP 22-12 JOHNSON SCIENCE TOWER AND BOBBY CHAIN TECH ELEVATOR MODERNIZATIONS		
		PROPOSAL MUST BE RETURNED TO THE UNIVERSITY IN ACCORDANCE WITH THE SPECIFICATIONS. RFP NUMBER AND DATE OF BID OPENING MUST BE SHOWN ON THE OUTSIDE OF THE ENVELOPE IF USING THAT METHOD.		

We quote you as above-F.O.B. The University of Southern Mississippi. Shipment can be made in _____ days from receipt of order. DATE _____ TERMS _____

Return quotation to Procurement Services at above address.

Signature Required _____

THE UNIVERSITY OF SOUTHERN MISSISSIPPI
McCarty Hall Elevator Modernization
Request for Proposals (RFP) 22-12

ISSUE DATE: September 24, 2021

ISSUING AGENCY: Procurement and Contract Services
The University of Southern Mississippi
214 Bond Hall
118 College Drive #5003
Hattiesburg, MS 39406

INTRODUCTION

The University of Southern Mississippi is seeking bid responses on the modernization of the elevator system in Johnson Science Tower and Bobby Chain Tech.

SUBMISSION INFORMATION

Sealed Proposals, subject to the conditions made a part hereof, will be opened **October 26, 2021, at 2:00 PM** in the USM Procurement and Contract Services office, as indicated in the General Terms, Conditions, and Instructions to Bidders (**Appendix B**) for furnishing services described herein.

IMPORTANT NOTE: Indicate firm name and RFP number on the front of each SEALED proposal envelope or package.

Respondent's proposal should mirror the format of this RFP to ensure that each requirement, specification, or condition is responded to with either an answer, explanation, or an indication of its ability to comply with the requirement.

QUESTIONS AND/OR CLARIFICATIONS

Care has been taken to develop this Request for Proposals (RFP) accurately and present it clearly, but in the event any specification or condition appears ambiguous or in error, proposers have a duty to seek clarification of ambiguities or corrections to errors. The RFP procedures provide a time frame for questions and answers. It is important to remember that if a respondent or interested party protests, but had opportunities to seek clarification and failed to do so, then its interpretation will not be considered reasonable and the specification will not be considered ambiguous. Prospective respondents should make written inquiries concerning this RFP to obtain clarification of any requirements as desired. Responses to these inquiries may be by addendum to the BID, or individually, depending on whether the answer affects only that proposer or all proposers. The deadline for inquiries shall be Friday, November 9, 2018, with an estimated date of Wednesday, November 14, 2018, to have responses completed. Please direct all inquiries about this RFP in writing via electronic mail as follows:

Questions of a Technical Nature

Clint Atkins
Physical Plant
clint.atkins@usm.edu
601-266-4414

Questions Related to Submission Procedures

Deidre Edwards
Procurement Services
deidre.edwards@usm.edu
601-266-4132

All inquiries' subject line should read "URGENT INQUIRY. USM RFP #22-12"

ADDENDUM OR SUPPLEMENT TO BID

In the event it becomes necessary to revise any part of this RFP, an addendum to this RFP will be provided to each respondent who received the original RFP. Respondents shall not rely on any other interpretations, changes or corrections.

BID TIMELINE

The following dates are for planning purposes only unless otherwise stated in this RFP. Progress towards their completion is at the sole discretion of the University.

RFP Posted	September 24, 2021
Site Visit	October 12, 2021
Prospective Respondents Written Inquiries Deadline	October 15, 2021
Responses to Inquiries Deadline (Estimated)	October 19, 2021
Proposal Submission Deadline – 2:00 p.m. CDT	October 26, 2021

Note 1: A pre-proposal tour and/or meeting will take place October 6, 2021. Contact Clint Atkins at clint.atkins@usm.edu or 601-266-4414 for scheduling and location. While this visit is not mandatory it is strongly encouraged to assist with proposal preparation and clarification.

Note 2: It is the respondent's responsibility to assure that all addenda have been reviewed and, if applicable, signed and returned.

Note 2: The terms "University," "USM," "University of Southern Mississippi," and "Owner" shall refer to the receiver, or buyer, of the services. The terms "Proposer," "Bidder," "Respondent," and "Contractor," shall refer to the provider, or seller, of the services.

BID SUBMISSION

Proposals shall be submitted in sealed packages (envelopes or boxes) including three (3) hard copies and one (1) electronic copy. Please make sure that the BID number is clearly visible on

the outside of the package.

The proposal package must be received on or before **October 26, at 2:00 PM**. It is the responsibility of the respondent to ensure that the proposal package arrives in the Procurement and Contract Services Office. The proposal package should be delivered or sent by mail to:

Procurement and Contract Services
The University of Southern Mississippi
214 Bond Hall
118 College Drive #5003
Hattiesburg, MS 39406

Your response must include the signature page included in this RFP (**Appendix A**) and contain the signature of an authorized representative of the respondent's organization.

USM reserves the right to reject any and all proposals and to waive informalities and minor irregularities in proposals received and to accept any portion of a proposal or all items bid if deemed in the best interest of the University to do so.

All bids submitted in excess of \$50,000.00 by a prime or subcontractor to do any erection, building, construction, repair, maintenance or related work, must comply with Section 31 3 21, Mississippi Code of 1972, by having a current Certificate of Responsibility from the State Board of Public Contractors. The current Certificate of Responsibility Number shall be indicated on the exterior of the sealed bid envelope before it can be opened.

All bidding contractors must be registered with The Mississippi Secretary of State within their Business Services Division and must be in "Good Standing" with them at time of bid opening.

In the letting of public contracts in the State of Mississippi, preference shall be given to resident contractors, and a non-resident bidder domiciled in a state having laws granting preference to local contractors shall be awarded Mississippi public contracts only on the same basis as the non-resident bidder's state awards contracts to Mississippi contractors bidding under similar circumstances; and resident contractors actually domiciled in Mississippi, be they corporate, individuals, or partnerships, are to be granted preference over non-residents in awarding of contracts in the same manner and to the same extent as provided by the laws of the state of domicile of the non-resident. When a non-resident contractor submits a bid for a public project, he shall attach thereto a copy of his resident state's current law pertaining to such state's treatment of non-resident contractors.

No bid may be withdrawn after the scheduled closing time for a period of sixty (60) days. The University of Southern Mississippi reserves the right to reject any or all bids on any or all projects and to waive informalities.

Proposals received after the stated due date and time will not be opened or considered.

BOND REQUIREMENTS

Bid Bond: A bid guarantee from each bidder equivalent to five (5) percent of the bid price as assurance that the bidder will, upon acceptance of their bid, execute such contractual documents as may be required within the time specified.

Performance Bond: A performance bond on the part of the contractor for 100 percent of the contract price. A “performance bond” is one executed in connection with a contract to secure fulfillment of all the contractor’s obligations under such contract.

Payment Bond: A payment bond on the part of the contractor for 100 percent of the contract price. A payment bond is one executed in connection with a contract to assure payment, as required by law, of all persons supplying labor and materials in the execution of the work provided for in the contract.

INSURANCE REQUIREMENTS

Contractor, upon award, but prior to any work commencing, shall provide the Owner with certificates of insurance coverage as outlined below.

Contractor, as an independent contractor, shall provide proof of Comprehensive General Liability insurance, Workers’ Compensation insurance and Commercial Auto Liability insurance. The Contractor shall provide a Certificate of Coverage mailed to the Board of Trustees of State Institutions of Higher Learning, Office of Insurance & Risk Management, 3825 Ridgewood Road, Suite 429, Jackson, MS, 39211 and USM, Steve Ballew, 118 College Dr., #5003, Hattiesburg, MS 39406 ten (10) working days prior to start of services. The Certificate of Coverage should, at a minimum, contain the name of the carrier, effective and expiration dates of coverage, a description of the covered perils, and amount of coverage by peril, the name and mailing address of the insurance company, and the name and mailing address of the insurance agent. The Certificate of Coverage must name the Board of Trustees of State Institutions of Higher Learning and USM as an additional insured. The additional insured requirement shall be by endorsement form CG 20 37 0413, or an equivalent or broader form, or by blanket additional insured endorsement, and the general liability coverage shall be primary and noncontributory in respect to insurance maintained by USM or IHL. Further, Contractor agrees to waive any rights of subrogation against IHL or USM. The Comprehensive General Liability coverage and the Commercial Auto Liability coverage shall be a minimum amount of Five Million Dollars (\$5,000,000) per occurrence and Five Million Dollars (\$5,000,000) annual aggregate through an insurance company with a Best rating of A- or higher and a financial size Class X or higher approved by the Mississippi Department of Insurance. No material change in coverages may occur for USM or IHL without 30 days advanced notice.

Worker's Compensation and Employer's Liability: Standard limits as required by applicable

Worker's Compensation Laws.

Comprehensive General Liability:

- General Aggregate - \$5,000,000
- Personal & Adv Injury - \$5,000,000
- Each Occurrence - \$5,000,000
- Fire Damage (any one fire) - \$1,000,000
- Medical Expense (any one person) - \$5,000
- Automobile Bodily Injury and Property Damage Liability - \$1,000,000 Combined Single Limit

Certificates of insurance, coverage described above shall be furnished by the Contractor prior to the commencement of services under this agreement and such certificates shall provide that the coverages will not be canceled or reduced in amount prior to 30 days after notice of such cancellation has been mailed to the Purchaser. Certificates shall be endorsed to include a waiver of subrogation in favor of the University of Southern Mississippi and that Contractor hereby waives all rights of recourse, including any right to which another may be subrogated, against the University of Southern Mississippi for personal injury, including death, and property damage.

QUALIFICATIONS FOR AWARD

Award of this contract will give consideration to initial price and performance. The award, if any, shall be made to the lowest priced responsive and responsible bidder.

The bidder must be a person, firm or corporation that:

- Has the necessary facilities, financial resources, personnel and equipment to complete the contract in a satisfactory manner within the required time.
- Has adequate service personnel to satisfy any service problems that may arise during the warranty period.
- USM reserves the right to make such investigations as it may deem necessary to establish the competency and financial ability of any Bidder to perform the work.
- If, after the investigation, the evidence of competency and financial ability is not satisfactory, USM reserves the right to reject the Bid.

USM reserves the right to award this contract in whole or in part depending on what is in the best interest of USM with USM being the sole judge thereof.

TERM OF CONTRACT

USM reserves the right to terminate this agreement with thirty (30) days-notice, by the Director of Procurement and Contract Services via certified mail to the address listed on the signature page of this RFP (**Appendix A**) if any of the terms of the proposal and/or contract are violated.

In the event the contractor fails to carry out and comply with any of the conditions and agreements to be performed under the specifications, USM will notify the contractor, in writing, of such failure or default. In the event the necessary corrective action has not been completed within a ten (10) day period, the contractor must submit, in writing, why such corrective action has not been performed. The University reserves the right to determine whether or not such noncompliance may be construed as a failure of performance of the contractor.

Termination of contract by contractor without cause can only occur with at least one-hundred and twenty (120) days-notice prior to the proposed termination of the contract.

In the event USM employs attorneys or incurs other expenses it considers necessary to protect or enforce its rights under this contract, the contractor agrees to pay the attorney's fees and expenses so incurred by USM.

ACCEPTANCE TIME

Proposal shall be valid for one-hundred and eighty (180) days following the proposal due date.

BID CANCELLATION

This RFP in no manner obligates USM to the eventual purchase of any services described, implied or which may be proposed until confirmed by a written contract. Progress towards this end is solely at the discretion of USM and may be terminated without penalty or obligations at any time prior to the signing of a contract. USM reserves the right to cancel this RFP at any time, for any reason, and to reject any or all proposals or any parts thereof.

INDEPENDENT CONTRACTOR CLAUSE

The contractor shall acknowledge that an independent contractor relationship is established and that the employees of the contractor are not, nor shall they be deemed employees of USM and that employees of USM are not, nor shall they be deemed employees of the contractor.

OTHER CONTRACT REQUIREMENTS

Award Terms: This contract shall be awarded based on the lowest cost bid from a responsive and responsible contractor capable of performing the specified work. Acceptance shall be confirmed by the issuance of a contract from the University.

Standard Contract: The awarded contractor(s) will be expected to enter into a contract that is in substantial compliance with USM's standard contract (**Appendix C**). Proposal should include

any desired changes to the standard contract. Significant changes to the standard contract may be cause for rejection of a proposal.

The awarded contractor will be responsible for collecting and paying the State of Mississippi MPC tax, if any.

TECHNICAL SPECIFICATIONS

The solution proposed should comprise design, manufacturing, supply and installation of following units as well as highlight the key inclusions mentioned below. The provided elevator must also have the required infrastructure in place, should the University, in the future, want to add video cameras inside each elevator cab. Upon completion, the provided and installed elevator must be able to pass the inspection of the State of Mississippi Elevator Inspector's Office.

ELECTRIC TRACTION ELEVATORS - JOHNSON SCIENCE TOWER

PART 1 GENERAL

1.01 SUMMARY

- A. Section Includes: Electric Traction Elevators.
- B. Products Supplied But Not Installed Under this Section:
 - 1. Hoist Beam
 - 2. Pit Ladder
 - 3. Inserts mounted in block walls for rail attachments
- C. Work Supplied Under Other Sections
 - 1. Temporary lighting, including temporary lighting in hoistway for machine space with switch located in hoistway on the strike jamb side of top landing door.
 - 2. Main line disconnects for each elevator.
 - a. One fused three phase permanent power in Elevator Control Space
 - 3. Hoistway ventilation shall be in accordance with local and national building code requirements.
 - 4. Guide Rail Support shall be structurally adequate to extend from pit floor to top of hoistway, with spans in accordance with requirements of authority having jurisdiction and final layouts.

5. Removable barricades at all hoistway openings, in compliance with OSHA 29 CFR 1926.502 in addition to any local code requirements.
 6. Lifeline attachments capable of withstanding 5000 lb load in accordance with OSHA 29 CFR 1926.502. Provide a minimum of 2 at the top, front of each hoistway.
 7. Pit lighting: Fixture with switch and guards. Provide illumination level equal to or greater than that required by ASME A17.1/CSA B44 2000, or applicable version.
 8. Control space lighting with switch. Coordinate switch with lighting for machine space as allowable by code.
 9. Access Doors: As required for access to governor. Access door shall be self-closing, self-locking if necessary and operable from the inside without a key.
- D. Related sections:
1. Section 015000 - Temporary Facilities and Controls
 2. Section 033000 - Cast-in-Place Concrete:
 3. Section 042000 - Unit Masonry
 4. Section 055000 - Metal Fabrications
 5. Section 071600 - Cementitious Waterproofing
 6. Section 230000 - Heating, Ventilating, and Air Conditioning
 7. Section 260000 - Electrical
 8. Section 263000 - Electric Power Generating and Storing Equipment
 9. Section 273000 - Voice Communications
 10. Section 283100 - Fire Detection and Alarm
 11. Section 310000 - Earthwork
- E. Industry and government standards:
1. ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities
 2. ADAAG - Accessibility Guidelines for Buildings and Facilities
 3. ANSI/NFPA 70, National Electrical Code
 4. ANSI/NFPA 80, Standard for Fire Doors and Fire Windows
 5. ASME/ANSI A17.1, Safety Code for Elevators and Escalators.

1.02 DESCRIPTION OF ELEVATOR

- A. Elevator Equipment: MonoSpace® 500 gearless traction elevator
- B. Equipment Control: KCM831 (Non-Proprietary Controls Required)
- C. Drive: Non-Regenerative
- D. Quantity of Elevators: 3
- E. Landings: 10
- F. Openings: 10 Front Openings, 0 Back Openings
- G. Travel: Approximately 114'
- H. New Capacity: Elevators #1-2 3500 lb, Elevator #3 4500 lb
- I. Rated Speed: 350 fpm
- J. Clear Inside Dimensions: Elevators #1-2 (W x D): 1980 mm x 1420 mm. Elevator #3 (W x D): 1730 mm x 2470 mm Custom to fit existing hoistway
- K. Cab Height: 9' 0"
- L. Clear height under suspended ceiling: 108"
- M. Entrance Width and Type: Elevator #1-2 - 3' 6" Center Opening Elevator #3 - 4' 2 Speed Left Hand
- N. Entrance Height: 7' 0"
- O. Main Power Supply: 480 Volts + 5%, three-phase
- P. Operation: Duplex & Simplex
- Q. Machine Location: Inside the hoistway mounted on car guide rail
- R. Control Space Location: Integrated in the top landing entrance frame – **no equipment room or space to be used**
- S. Elevator Equipment shall conform to the requirements of seismic zone: non-seismic
- T. Maintenance Service Period: 0 months – rolls onto the existing service agreement

1.03 PERFORMANCE REQUIREMENTS

- A. Car Performance
 - 1. Car Speed \pm 5% of contract speed under any loading condition or direction of travel.
 - 2. Car Capacity: Safely lower, stop and hold (per code) up to 125% of rated load.
- B. System Performance

1. Vertical Vibration (maximum): 15 mg ISO187338/ISO 8041 system pk -pk
2. Horizontal Vibration (maximum): 12 mg ISO187338/ISO 8041 system pk -pk
3. Jerk Rate (maximum): 3.3 ft/sec³
4. Acceleration (maximum) 1.3 ft/sec²
5. In Car Noise: = 55 dB(A)
6. Leveling Accuracy: ±0.2 inches
7. Starts per hour (maximum): 180

1.04 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Product Data: Submit manufacturer's product literature for each proposed system.
 1. Cab design, dimensions and layout.
 2. Layout, finishes, and accessories and available options.
 3. Controls, signals and operating system.
 4. Color selection charts for cab and entrances.
- C. Shop Drawings:
 1. Clearances and travel of car.
 2. Clear inside hoistway and pit dimensions.
 3. Location and layout of equipment and signals.
 4. Car, guide rails, buffers and other components in hoistway.
 5. Maximum rail bracket spacing.
 6. Maximum loads imposed on building structure.
 7. Hoist beam requirements.
 8. Location and sizes of access doors.
 9. Location and details of hoistway door and frames.
 10. Electrical characteristics and connection requirements.
- D. Operation and maintenance data:
 1. Provide manufacturer's standard maintenance and operation manual.
- E. Diagnostic Tools

1. Prior to seeking final acceptance for the completed project as specified by the Contract Documents, the Elevator Contractor shall deliver to the Owner any specialized tool(s) that may be required to perform diagnostic evaluations, adjustments, and/or parametric software changes and/or test and inspections on any piece of control or monitoring equipment installed. This shall include any specialized tool(s) required for monitoring, inspection and/or maintenance where the means of suspension other than conventional wire ropes are furnished and installed by the Elevator Contractor. Any and all such tool(s) shall become property of the Owner. Any diagnostic tool provided to the Owner by the Elevator Contractor shall be configured to perform all levels of diagnostics, systems adjustment and parametric software changes which are available to the Elevator Contractor. In those cases where diagnostic tools provided to the Owner require periodic recalibration/or re-initiation, the Elevator Contractor shall perform such tasks at no additional cost to the Owner for a period equal to the term of the maintenance agreement from the date of final acceptance of the completed project. During those intervals in which the Owner might find it necessary to surrender a diagnostic tool for re-calibration, re-initiation, or repair, the Elevator Contractor shall provide a temporary replacement for the tool at no additional cost to the Owner. The Elevator Contractor shall deliver to the Owner, printed instructions for the proper use of any tool that may be necessary to perform diagnostic evaluations, system adjustment, and/or parametric software changes on any unit of microprocessor-based elevator control equipment and means of suspension other than standard elevator steel cables furnished and install by the Elevator Contractor. Accompanying the printed instructions shall be any and all access codes, password, or other proprietary information that is necessary to interface with the microprocessor-control equipment.

1.05 QUALITY ASSURANCE

- A. Manufacturer: Minimum of fifteen years experience in the fabrication, installation and service of elevators of the type and performance of the specified. The manufacturer shall have a documented quality assurance program.
- B. Installer: The equipment manufacturer shall install the elevator.
- C. Inspection and Testing: In accordance with requirements of local jurisdiction, obtain required permits, inspections and tests.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Elevator Contractor shall be responsible to provide a safe, dry, and easily accessible storage area on the premises
- B. Delivered elevator materials shall be stored in a protected environment in accordance with manufacturer recommendations. A minimum storage area of 10 feet by 20 feet is required adjacent to the hoistway.
- C. Elevator Contractor shall be responsible to remove and dispose of all trash and old elevator components removed from the site

1.07 WARRANTY

- A. Provide manufacturer warranty for a period of one year. The warranty period is to begin upon Substantial Completion of the Contract. Warranty covers defects in materials and workmanship. Damage due to ordinary use, vandalism, improper or insufficient maintenance, misuse, or neglect do not constitute defective material or workmanship.

1.08 MAINTENANCE SERVICE

- A. Not applicable – to roll onto the existing service agreement upon completion

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. Provide AC gearless machine room-less elevator systems subject to compliance with the design and performance requirements of this specification. Elevator manufacturers may include but are not limited to one of the following:
 - 1. Basis of Design: MonoSpace® 500 traction elevators by KONE, Inc. (www.kone.com).
 - 2. Other acceptable machine room-less products: manufacturer with minimum 25 years' experience in manufacturing, installing, and servicing elevators of the type required for the project.

2.02 EQUIPMENT: CONTROL COMPONENTS AND CONTROL SPACE

- A. Controller: Provide microcomputer based control system to perform all of the functions.

1. All high voltage (110V or above) contact points inside the controller cabinet shall be protected from accidental contact in a situation where the controller doors are open.
 2. Controller shall be separated into two distinct halves; Motor Drive side and Control side. High voltage motor power conductors shall be routed and physically segregated from the rest of the controller.
 3. Provide a serial cardrack and main CPU board containing a non-erasable EPROM and operating system firmware.
 4. Variable field parameters and adjustments shall be contained in a non-volatile memory module.
- B. Drive: Provide Variable Voltage Variable Frequency AC drive system to develop high starting torque with low starting current.
- C. Controller Location: Controller{s} shall be located the existing elevator hoistway. No machine room or space is to be reused or utilized

2.03 EQUIPMENT: HOISTWAY COMPONENTS

- A. Machine: AC gearless machine, with permanent magnet synchronous motor, direct current electro-mechanical disc brakes and integral traction drive sheave, mounted to the car guide rail at the top of the hoistway.
- B. Governor: Friction type over-speed governor rated for the duty of the elevator specified.
- C. Buffers, Car and Counterweight: Polyurethane buffer.
- D. Hoistway Operating Devices:
 1. Emergency stop switch in the pit
 2. Terminal stopping switches.
 3. Emergency stop switch on the machine
- E. Positioning System: System consisting of magnets and proximity switches.
- F. Guide Rails and Attachments: Steel rails with brackets and fasteners.

2.04 EQUIPMENT: HOISTWAY ENTRANCES

- A. Hoistway Entrances – Top Landing – New-Complete, all other hoistway entrance to be retained

1. Sills: Retained
2. Doors: New at ALL Landings - Hollow metal construction with vertical internal channel reinforcements.
3. Fire Rating: Entrance and doors shall be UL fire-rated for 1-1/2 hour.
4. Entrance Markings Jamb Plates: Provide standard entrance jamb tactile markings on both jambs, at all floors. Plate Mounting: Refer to manufacturer drawings.

2.05 EQUIPMENT: CAR COMPONENTS

- A. Car Frame: Provide car frame with adequate bracing to support the platform and car enclosure.
- B. Platform: Platform shall be all steel construction.
- C. Car Guides: Provide guide-shoes mounted to top and bottom of both car and counterweight frame. Each guide-shoe assembly shall be arranged to maintain constant contact on the rail surfaces. Provide retainers in areas with Seismic design requirements.
- D. Steel Cab Scottish Quad – Vandal Resistant Stainless Steel
- E. Car Wall Finish:
 1. Rear Wall: Scottish Quat Textured Stainless Steel Scratch Resistant
 2. Side Walls: Scottish Quat Textured Stainless Steel Scratch Resistant
- F. Cab Wall Protection Pads to be included.
- G. Car Skirting Finish: Brushed Stainless Steel
- H. Car Front Finish: Brushed Stainless Steel
- I. Car Door Finish: Brushed Stainless Steel
- J. Ceiling: Rectangular LED light panel, Brushed Stainless Steel
- K. Handrail: Rectangular Tube, straight ends, Brushed Stainless Steel
 1. Rails to be located on Side & Rear Walls of car enclosure.
- L. Threshold: Aluminum
- M. Flooring: By others. (Not to exceed 3lb/sqft and 1/2" finished depth.)
- N. Emergency Car Signals
 1. Emergency Siren: Siren mounted on top of cab that is activated when the alarm button in the car operating panel is engaged. Siren shall have rated sound pressure level of 80 dB(A) at a distance of three feet from device. Siren

shall respond with a delay of not more than one second after activation of alarm button.

2. Emergency Car Lighting: Provide emergency power unit employing a 12-volt sealed rechargeable battery and totally static circuits shall illuminate the elevator car and provide current to the alarm bell in the event of building power failure.
3. Emergency Exit Contact: An electrical contact shall be provided on the car-top exit.

O. Ventilation: Fan

2.06 EQUIPMENT: SIGNAL DEVICES AND FIXTURES

A. Car Operating Panel: Provide car operating panel with all push buttons, key switches, and message indicators for elevator operation. Fixture finish to be: Brushed Stainless Steel

1. Main Flush mounted car operating panel shall contain a bank of round, mechanical, illuminated buttons marked to correspond to landings served, emergency call button, door open button, door close button, and key switches for lights, inspection, and exhaust fan. Buttons have White illumination (halo). All buttons to have raised text and Braille marking on left hand side. The car operating display panel shall be White DOT-matrix. All texts, when illuminated, shall be White. The car operating panel shall have a Brushed Stainless Steel finish.
2. Additional features of car operating panel shall include:
 - a. 10.1" vertical media screen. Capable of complying with the new 2018 IBC Code required 3-way communication. Must include remote display for campus police to monitor this feature.
 - b. Car Position Indicator within operating panel (White).
 - c. Elevator Data Plate marked with elevator capacity and car number on car top.
 - d. Help buttons with raised markings.
 - e. In car stop switch per local code.
 - f. Call Cancel Button.

B. Hall Fixtures: Wall mounted hall fixtures shall be provided with necessary push buttons and key switches for elevator operation. Wall mounted hall fixtures shall have a Brushed Stainless Steel with illuminated Vandal Resistant Buttons.

1. Hall fixtures shall feature round, mechanical, vandal resistant buttons in applied mount face frame. Hall fixtures shall correspond to options available from that landing. Buttons shall be in a vertically mounted fixture. Hall fixtures shall not be jambmounted. Hall fixtures shall include Integrated "In Case of Fire" Signage at ALL Landings
- C. Combination Hall Position Indicator and Hall Lantern located at ALL landings. Hall lanterns and hall indicators shall feature White illumination, all numbers will be White display.

2.07 EQUIPMENT: ELEVATOR OPERATION AND CONTROLLER

- A. Elevator Operation
1. Duplex Collective Operation (two cars): Using a microprocessor-based controller, the operation shall be automatic by means of the car and hall buttons. In the absence of system activity, one car can be made to park at the pre-selected main landing. The other car shall remain at the last landing served. Only one car shall respond to a hall call. If either car is removed from service, the other car shall immediately answer all hall calls, as well as its own car calls.
 2. Zoned Car Parking.
 3. Relative System Response Dispatching.
- B. Standard Operating Features to include:
1. Full Collective Operation
 2. Fan and Light Control.
 3. Load Weighing Bypass.
 4. Ascending Car Uncontrolled Movement Protection
 5. Top of Car Inspection Station.
- C. Additional Operating Features to include:
1. Generator power features
 2. Independent Service
 3. Hoistway Access Bottom Landing
 4. Hoistway Access Top Landing
 5. Provision for Card Reader in Car (Card Reader provided and Installed by others).

6. Provide provisions for coaxial cable for CCTV. CCTV by others.
- D. Elevator Control System for Inspections and Emergency
1. Provide devices within controller to run the elevator in inspection operation.
 2. Provide devices on car top to run the elevator in inspection operation.
 3. Provide within controller an emergency stop switch to disconnect power from the brake and prevents motor from running.
 4. Provide the means from the controller to mechanically lift and control the elevator brake to safely bring car to nearest available landing when power is interrupted.
 5. Provide the means from the controller to reset the governor over speed switch and also trip the governor.
 6. Provide the means from the controller to reset the emergency brake when set because of an unintended car movement or ascending car over speed.

2.08 EQUIPMENT: DOOR OPERATOR AND CONTROL

- A. Door Operator: A closed loop permanent magnet VVVF high-performance door operator shall be provided to open and close the car and hoistway doors simultaneously. Door movement shall be cushioned at both limits of travel. Electro-mechanical interlock shall be provided at each hoistway entrance to prevent operation of the elevator unless all doors are closed and locked. An electric contact shall be provided on the car at each car entrance to prevent the operation of the elevator unless the car door is closed.
- B. The door operator shall be arranged so that, in case of interruption or failure of electric power, the doors can be readily opened by hand from within the car, in accordance with applicable code. Emergency devices and keys for opening doors from the landing shall be provided as required by local code.
- C. Doors shall open automatically when the car has arrived at or is leveling at the respective landings. Doors shall close after a predetermined time interval or immediately upon pressing of a car button. A door open button shall be provided in the car. Momentary pressing of this button shall reopen the doors and reset the time interval.
- D. Door hangers and tracks shall be provided for each car and hoistway door. Tracks shall be contoured to match the hanger sheaves. The hangers shall be designed for power operation with provisions for vertical and lateral adjustment. Hanger sheaves shall have polyurethane tires and pre-lubricated sealed-for-life bearings.
- E. Electronic Door Safety Device. The elevator car shall be equipped with an electronic protective device extending the full height of the car. When activated,

this sensor shall prevent the doors from closing or cause them to stop and reopen if they are in the process of closing. The doors shall remain open as long as the flow of traffic continues and shall close shortly after the last person passes through the door opening.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Field measure and examine substrates, supports, and other conditions under which elevator work is to be performed.
- B. Do not proceed with work until unsatisfactory conditions are corrected.
- C. Prior to start of Work, verify hoistway is in accordance with shop drawings. Dimensional tolerance of hoistway from shop drawings: -0 inches +2 inches. Do not begin work of this section until dimensions are within tolerances.
- D. Prior to start of Work, verify projections greater than 2 inches (4 inches if ASME A17.1/CSA B44 2000 applies) must be beveled not less than 75 degrees from horizontal.
- E. Prior to start of Work, verify landings have been prepared for entrance sill installation. Traditional sill angle or concrete sill support shall not be required.
- F. Prior to start of Work, verify elevator pit has been constructed in accordance with requirements, is dry and reinforced to sustain vertical forces, as indicated in approved submittal. Verify that sumps or sump pumps located within pit will not interfere with installed elevator equipment.
- G. Prior to start of Work, verify control space has been constructed in accordance with requirements, with access coordinated with elevator shop drawings, including Sleeves and penetrations.
- H. Verify installation of GFCI protected 20-amp in pit and adjacent to each signal control cabinet in control space.

3.02 PREPARATION

- A. Coordinate installation of anchors, bearing plates, brackets and other related accessories.

3.03 INSTALLATION

- A. Install equipment, guides, controls, car and accessories in accordance with manufacturer installation methods and recommended practices.
- B. Properly locate guide rails and related supports at locations in accordance with manufacturer's recommendations and approved shop drawings. Anchor to building structure using isolation system to minimize transmission of vibration to structure.
- C. All hoistway frames shall be securely fastened to fixing angles mounted in the hoistway. Coordinate installation of sills and frames with other trades.
- D. Lubricate operating system components in accordance with manufacturer recommendations.
- E. Perform final adjustments, and necessary service prior to substantial completion.

3.04 CONSTRUCTION

- A. Interface with Other Work:
 - 1. Guide rail brackets attached to steel shall be installed prior to application of fireproofing.
 - a. Coordinate interface of elevators and fire alarm system.
 - b. Coordinate interface of dedicated telephone line.

3.05 TESTING AND INSPECTIONS

- A. Perform recommended and required testing in accordance with authority having jurisdiction.
- B. Obtain required permits and provide originals to Owner's Representative.

3.06 DEMONSTRATION

- A. Prior to substantial completion, instruct Owner's Representative on the proper function and required daily maintenance of elevators. Instruct personnel on emergency procedures.

3.07 ADDITIONAL ITEMS INCLUDED BY ELEVATOR CONTRACTOR

- A. Demo and disposal of existing elevator to be included by the elevator contractor. USM has the right retain removed components upon request for salvage purposes.
- B. Dumpster service and secure storage for elevator components.
- C. Code compliant pit ladders
- D. Project must be installed and pass final inspection prior to June 30, 2022

ELECTRIC TRACTION ELEVATORS - BOBBY CHAIN TECH

PART 4 GENERAL

4.01 SUMMARY

- A. Section Includes: Electric Traction Elevators.
- B. Products Supplied But Not Installed Under this Section:
 - 1. Hoist Beam
 - 2. Pit Ladder
 - 3. Inserts mounted in block walls for rail attachments
- C. Work Supplied Under Other Sections
 - 1. Temporary lighting, including temporary lighting in hoistway for machine space with switch located in hoistway on the strike jamb side of top landing door.
 - 2. Main line disconnects for each elevator.
 - a. One fused three phase permanent power in Elevator Control Space
 - 3. Hoistway ventilation shall be in accordance with local and national building code requirements.
 - 4. Guide Rail Support shall be structurally adequate to extend from pit floor to top of hoistway, with spans in accordance with requirements of authority having jurisdiction and final layouts.
 - 5. Removable barricades at all hoistway openings, in compliance with OSHA 29 CFR 1926.502 in addition to any local code requirements.
 - 6. Lifeline attachments capable of withstanding 5000 lb load in accordance with OSHA 29 CFR 1926.502. Provide a minimum of 2 at the top, front of each hoistway.

7. Pit lighting: Fixture with switch and guards. Provide illumination level equal to or greater than that required by ASME A17.1/CSA B44 2000, or applicable version.
 8. Control space lighting with switch. Coordinate switch with lighting for machine space as allowable by code.
 9. Access Doors: As required for access to governor. Access door shall be self-closing, self-locking if necessary and operable from the inside without a key.
- D. Related sections:
1. Section 015000 - Temporary Facilities and Controls
 2. Section 033000 - Cast-in-Place Concrete:
 3. Section 042000 - Unit Masonry
 4. Section 055000 - Metal Fabrications
 5. Section 071600 - Cementitious Waterproofing
 6. Section 230000 - Heating, Ventilating, and Air Conditioning
 7. Section 260000 - Electrical
 8. Section 263000 - Electric Power Generating and Storing Equipment
 9. Section 273000 - Voice Communications
 10. Section 283100 - Fire Detection and Alarm
 11. Section 310000 - Earthwork
- E. Industry and government standards:
1. ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities
 2. ADAAG - Accessibility Guidelines for Buildings and Facilities
 3. ANSI/NFPA 70, National Electrical Code
 4. ANSI/NFPA 80, Standard for Fire Doors and Fire Windows
 5. ASME/ANSI A17.1, Safety Code for Elevators and Escalators.

4.02 DESCRIPTION OF ELEVATOR

- A. Elevator Equipment: MonoSpace® 500 gearless traction elevator
- B. Equipment Control: KCM831 (Non-Proprietary Controls Required)
- C. Drive: Non-Regenerative
- D. Quantity of Elevators: 2
- E. Landings: 4/5

- F. Openings: Elevator 1 - 4 Front Openings, 0 Back Openings
Elevator 2 - 5 Front Openings, 0 Back Openings
- G. Travel: Approximately 15' 8.3125" / 62' 6"
- H. New Capacity: Elevator #1 - 3500 lb, Elevator #2 - 5200 lb
- I. Rated Speed: 150 fpm
- J. Clear Inside Dimensions: Elevators #1 (W x D): 1980 mm x 1680 mm. Elevator #2 (W x D): 1980 mm x 2510 mm Custom to fit existing hoistway
- K. Cab Height: 8' 0"
- L. Clear height under suspended ceiling: 96"
- M. Entrance Width and Type: Elevator #1/2 - 3' 6" Center Opening
- N. Entrance Height: 7' 0"
- O. Main Power Supply: 480 Volts + 5%, three-phase
- P. Operation: Duplex
- Q. Machine Location: Inside the hoistway mounted on car guide rail
- R. Control Space Location: Integrated in the top landing entrance frame – no equipment room or space to be used**
- S. Elevator Equipment shall conform to the requirements of seismic zone: non-Seismic
- T. Maintenance Service Period: 0 months – rolls onto the existing service agreement

4.03 PERFORMANCE REQUIREMENTS

- A. Car Performance
 - 1. Car Speed $\pm 5\%$ of contract speed under any loading condition or direction of travel.
 - 2. Car Capacity: Safely lower, stop and hold (per code) up to 125% of rated load.
- B. System Performance
 - 1. Vertical Vibration (maximum): 15 mg ISO187338/ISO 8041 system pk -pk
 - 2. Horizontal Vibration (maximum): 12 mg ISO187338/ISO 8041 system pk -pk
 - 3. Jerk Rate (maximum): 3.3 ft/sec³
 - 4. Acceleration (maximum) 1.3 ft/sec²
 - 5. In Car Noise: = 55 dB(A)

6. Leveling Accuracy: ± 0.2 inches
7. Starts per hour (maximum): 180

4.04 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Product Data: Submit manufacturer's product literature for each proposed system.
 1. Cab design, dimensions and layout.
 2. Layout, finishes, and accessories and available options.
 3. Controls, signals and operating system.
 4. Color selection charts for cab and entrances.
- C. Shop Drawings:
 1. Clearances and travel of car.
 2. Clear inside hoistway and pit dimensions.
 3. Location and layout of equipment and signals.
 4. Car, guide rails, buffers and other components in hoistway.
 5. Maximum rail bracket spacing.
 6. Maximum loads imposed on building structure.
 7. Hoist beam requirements.
 8. Location and sizes of access doors.
 9. Location and details of hoistway door and frames.
 10. Electrical characteristics and connection requirements.
- D. Operation and maintenance data:
 1. Provide manufacturer's standard maintenance and operation manual.
- E. Diagnostic Tools
 1. Prior to seeking final acceptance for the completed project as specified by the Contract Documents, the Elevator Contractor shall deliver to the Owner any specialized tool(s) that may be required to perform diagnostic evaluations, adjustments, and/or parametric software changes and/or test and inspections on any piece of control or monitoring equipment installed. This shall include any specialized tool(s) required for monitoring, inspection

and/or maintenance where the means of suspension other than conventional wire ropes are furnished and installed by the Elevator Contractor. Any and all such tool(s) shall become property of the Owner. Any diagnostic tool provided to the Owner by the Elevator Contractor shall be configured to perform all levels of diagnostics, systems adjustment and parametric software changes which are available to the Elevator Contractor. In those cases where diagnostic tools provided to the Owner require periodic recalibration/or re-initiation, the Elevator Contractor shall perform such tasks at no additional cost to the Owner for a period equal to the term of the maintenance agreement from the date of final acceptance of the completed project. During those intervals in which the Owner might find it necessary to surrender a diagnostic tool for re-calibration, re-initiation, or repair, the Elevator Contractor shall provide a temporary replacement for the tool at no additional cost to the Owner. The Elevator Contractor shall deliver to the Owner, printed instructions for the proper use of any tool that may be necessary to perform diagnostic evaluations, system adjustment, and/or parametric software changes on any unit of microprocessor-based elevator control equipment and means of suspension other than standard elevator steel cables furnished and install by the Elevator Contractor. Accompanying the printed instructions shall be any and all access codes, password, or other proprietary information that is necessary to interface with the microprocessor-control equipment.

4.05 QUALITY ASSURANCE

- A. Manufacturer: Minimum of fifteen years experience in the fabrication, installation and service of elevators of the type and performance of the specified. The manufacturer shall have a documented quality assurance program.
- B. Installer: The equipment manufacturer shall install the elevator.
- C. Inspection and Testing: In accordance with requirements of local jurisdiction, obtain required permits, inspections and tests.

4.06 DELIVERY, STORAGE AND HANDLING

- A. Elevator Contractor shall be responsible to provide a safe, dry, and easily accessible storage area on the premises
- B. Delivered elevator materials shall be stored in a protected environment in accordance with manufacturer recommendations. A minimum storage area of 10 feet by 20 feet is required adjacent to the hoistway.

- C. Elevator Contractor shall be responsible to remove and dispose of all trash and old elevator components removed from the site

4.07 WARRANTY

- A. Provide manufacturer warranty for a period of one year. The warranty period is to begin upon Substantial Completion of the Contract. Warranty covers defects in materials and workmanship. Damage due to ordinary use, vandalism, improper or insufficient maintenance, misuse, or neglect do not constitute defective material or workmanship.

4.08 MAINTENANCE SERVICE

- A. Not applicable – to roll onto the existing service agreement upon completion

PART 5 PRODUCTS

5.01 MANUFACTURER

- A. Provide AC gearless machine room-less elevator systems subject to compliance with the design and performance requirements of this specification. Elevator manufacturers may include but are not limited to one of the following:
 1. Basis of Design: MonoSpace® 500 traction elevators by KONE, Inc. (www.kone.com).
 2. Other acceptable machine room-less products: manufacturer with minimum 25 years' experience in manufacturing, installing, and servicing elevators of the type required for the project.

5.02 EQUIPMENT: CONTROL COMPONENTS AND CONTROL SPACE

- A. Controller: Provide microcomputer based control system to perform all of the functions.
 1. All high voltage (110V or above) contact points inside the controller cabinet shall be protected from accidental contact in a situation where the controller doors are open.

2. Controller shall be separated into two distinct halves; Motor Drive side and Control side. High voltage motor power conductors shall be routed and physically segregated from the rest of the controller.
 3. Provide a serial cardrack and main CPU board containing a non-erasable EPROM and operating system firmware.
 4. Variable field parameters and adjustments shall be contained in a non-volatile memory module.
- B. Drive: Provide Variable Voltage Variable Frequency AC drive system to develop high starting torque with low starting current.
- C. Controller Location: Controller{s} shall be located the existing elevator hoistway. No machine room or space is to be reused or utilized

5.03 EQUIPMENT: HOISTWAY COMPONENTS

- A. Machine: AC gearless machine, with permanent magnet synchronous motor, direct current electro-mechanical disc brakes and integral traction drive sheave, mounted to the car guide rail at the top of the hoistway.
- B. Governor: Friction type over-speed governor rated for the duty of the elevator specified.
- C. Buffers, Car and Counterweight: Polyurethane buffer.
- D. Hoistway Operating Devices:
1. Emergency stop switch in the pit
 2. Terminal stopping switches.
 3. Emergency stop switch on the machine
- E. Positioning System: System consisting of magnets and proximity switches.
- F. Guide Rails and Attachments: Steel rails with brackets and fasteners.

5.04 EQUIPMENT: HOISTWAY ENTRANCES

- A. Hoistway Entrances – Top Landing – New - complete, all other hoistway entrance to be retained
1. Sills: Retained
 2. Doors: New at ALL Landings - Hollow metal construction with vertical internal channel reinforcements.

3. Fire Rating: Entrance and doors shall be UL fire-rated for 1-1/2 hour.
4. Entrance Markings Jamb Plates: Provide standard entrance jamb tactile markings on both jambs, at all floors. Plate Mounting: Refer to manufacturer drawings.

5.05 EQUIPMENT: CAR COMPONENTS

- A. Car Frame: Provide car frame with adequate bracing to support the platform and car enclosure.
- B. Platform: Platform shall be all steel construction.
- C. Car Guides: Provide guide-shoes mounted to top and bottom of both car and counterweight frame. Each guide-shoe assembly shall be arranged to maintain constant contact on the rail surfaces. Provide retainers in areas with Seismic design requirements.
- D. Steel Cab Scottish Quad – Vandal Resistant Stainless Steel
- E. Car Wall Finish:
 1. Rear Wall: Scottish Quad – Vandal Resistant Stainless Steel
 2. Side Walls: Scottish Quad – Vandal Resistant Stainless Steel
- F. Cab Wall Protection Pads to be included.
- G. Car Skirting Finish: Brushed Stainless Steel
- H. Car Front Finish: Brushed Stainless Steel
- I. Car Door Finish: Brushed Stainless Steel
- J. Ceiling: Rectangular LED light panel, Brushed Stainless Steel
- K. Handrail: Rectangular Tube, straight ends, Brushed Stainless Steel
 1. Rails to be located on Side & Rear Walls of car enclosure.
- L. Threshold: Aluminum
- M. Flooring: By others. (Not to exceed 3lb/sqft and 1/2" finished depth.)
- N. Emergency Car Signals
 1. Emergency Siren: Siren mounted on top of cab that is activated when the alarm button in the car operating panel is engaged. Siren shall have rated sound pressure level of 80 dB(A) at a distance of three feet from device. Siren shall respond with a delay of not more than one second after activation of alarm button.
 2. Emergency Car Lighting: Provide emergency power unit employing a 12-volt sealed rechargeable battery and totally static circuits shall illuminate the

elevator car and provide current to the alarm bell in the event of building power failure.

3. Emergency Exit Contact: An electrical contact shall be provided on the car-top exit.

O. Ventilation: Fan

5.06 EQUIPMENT: SIGNAL DEVICES AND FIXTURES

A. Car Operating Panel: Provide car operating panel with all push buttons, key switches, and message indicators for elevator operation. Fixture finish to be: Brushed Stainless Steel

1. Main Flush mounted car operating panel shall contain a bank of round, mechanical, illuminated buttons marked to correspond to landings served, emergency call button, door open button, door close button, and key switches for lights, inspection, and exhaust fan. Buttons have White illumination (halo). All buttons to have raised text and Braille marking on left hand side. The car operating display panel shall be White DOT-matrix. All texts, when illuminated, shall be White. The car operating panel shall have a Brushed Stainless Steel finish.
2. Additional features of car operating panel shall include:
 - a. 10.1" vertical media screen. Capable of complying with the new 2018 IBC Code required 3 way communication.
 - b. Car Position Indicator within operating panel (White).
 - c. Elevator Data Plate marked with elevator capacity and car number on car top.
 - d. Help buttons with raised markings.
 - e. In car stop switch per local code.
 - f. Call Cancel Button.

B. Hall Fixtures: Wall mounted hall fixtures shall be provided with necessary push buttons and key switches for elevator operation. Wall mounted hall fixtures shall have a Brushed Stainless Steel with illuminated Vandal Resistant Buttons.

1. Hall fixtures shall feature round, mechanical, vandal resistant buttons in applied mount face frame. Hall fixtures shall correspond to options available from that landing. Buttons shall be in a vertically mounted fixture. Hall fixtures shall not be jambmounted. Hall fixtures shall include Integrated "In Case of Fire" Signage at ALL Landings

- C. Combination Hall Position Indicator and Hall Lantern located at ALL landings. Hall lanterns and hall indicators shall feature White illumination, all numbers will be White display.

5.07 EQUIPMENT: ELEVATOR OPERATION AND CONTROLLER

- A. Elevator Operation
 - 1. Duplex Collective Operation (two cars): Using a microprocessor-based controller, the operation shall be automatic by means of the car and hall buttons. In the absence of system activity, one car can be made to park at the pre-selected main landing. The other car shall remain at the last landing served. Only one car shall respond to a hall call. If either car is removed from service, the other car shall immediately answer all hall calls, as well as its own car calls.
 - 2. Zoned Car Parking.
 - 3. Relative System Response Dispatching.
- B. Standard Operating Features to include:
 - 1. Full Collective Operation
 - 2. Fan and Light Control.
 - 3. Load Weighing Bypass.
 - 4. Ascending Car Uncontrolled Movement Protection
 - 5. Top of Car Inspection Station.
- C. Additional Operating Features to include:
 - 1. Generator power features
 - 2. Independent Service
 - 3. Hoistway Access Bottom Landing
 - 4. Hoistway Access Top Landing
 - 5. Provision for Card Reader in Car (Card Reader provided and Installed by others).
 - 6. Provide provisions for coaxial cable for CCTV. CCTV by others.
- D. Elevator Control System for Inspections and Emergency
 - 1. Provide devices within controller to run the elevator in inspection operation.
 - 2. Provide devices on car top to run the elevator in inspection operation.

3. Provide within controller an emergency stop switch to disconnect power from the brake and prevents motor from running.
4. Provide the means from the controller to mechanically lift and control the elevator brake to safely bring car to nearest available landing when power is interrupted.
5. Provide the means from the controller to reset the governor over speed switch and also trip the governor.
6. Provide the means from the controller to reset the emergency brake when set because of an unintended car movement or ascending car over speed.

5.08 EQUIPMENT: DOOR OPERATOR AND CONTROL

- A. Door Operator: A closed loop permanent magnet VVVF high-performance door operator shall be provided to open and close the car and hoistway doors simultaneously. Door movement shall be cushioned at both limits of travel. Electro-mechanical interlock shall be provided at each hoistway entrance to prevent operation of the elevator unless all doors are closed and locked. An electric contact shall be provided on the car at each car entrance to prevent the operation of the elevator unless the car door is closed.
- B. The door operator shall be arranged so that, in case of interruption or failure of electric power, the doors can be readily opened by hand from within the car, in accordance with applicable code. Emergency devices and keys for opening doors from the landing shall be provided as required by local code.
- C. Doors shall open automatically when the car has arrived at or is leveling at the respective landings. Doors shall close after a predetermined time interval or immediately upon pressing of a car button. A door open button shall be provided in the car. Momentary pressing of this button shall reopen the doors and reset the time interval.
- D. Door hangers and tracks shall be provided for each car and hoistway door. Tracks shall be contoured to match the hanger sheaves. The hangers shall be designed for power operation with provisions for vertical and lateral adjustment. Hanger sheaves shall have polyurethane tires and pre-lubricated sealed-for-life bearings.
- E. Electronic Door Safety Device. The elevator car shall be equipped with an electronic protective device extending the full height of the car. When activated, this sensor shall prevent the doors from closing or cause them to stop and reopen if they are in the process of closing. The doors shall remain open as long as the flow of traffic continues and shall close shortly after the last person passes through the door opening.

PART 6 EXECUTION

6.01 EXAMINATION

- A. Field measure and examine substrates, supports, and other conditions under which elevator work is to be performed.
- B. Do not proceed with work until unsatisfactory conditions are corrected.
- C. Prior to start of Work, verify hoistway is in accordance with shop drawings. Dimensional tolerance of hoistway from shop drawings: -0 inches +2 inches. Do not begin work of this section until dimensions are within tolerances.
- D. Prior to start of Work, verify projections greater than 2 inches (4 inches if ASME A17.1/CSA B44 2000 applies) must be beveled not less than 75 degrees from horizontal.
- E. Prior to start of Work, verify landings have been prepared for entrance sill installation. Traditional sill angle or concrete sill support shall not be required.
- F. Prior to start of Work, verify elevator pit has been constructed in accordance with requirements, is dry and reinforced to sustain vertical forces, as indicated in approved submittal. Verify that sumps or sump pumps located within pit will not interfere with installed elevator equipment.
- G. Prior to start of Work, verify control space has been constructed in accordance with requirements, with access coordinated with elevator shop drawings, including Sleeves and penetrations.
- H. Verify installation of GFCI protected 20-amp in pit and adjacent to each signal control cabinet in control space.

6.02 PREPARATION

- A. Coordinate installation of anchors, bearing plates, brackets and other related accessories.

6.03 INSTALLATION

- A. Install equipment, guides, controls, car and accessories in accordance with manufacturer installation methods and recommended practices.
- B. Properly locate guide rails and related supports at locations in accordance with manufacturer's recommendations and approved shop drawings. Anchor to

building structure using isolation system to minimize transmission of vibration to structure.

- C. All hoistway frames shall be securely fastened to fixing angles mounted in the hoistway. Coordinate installation of sills and frames with other trades.
- D. Lubricate operating system components in accordance with manufacturer recommendations.
- E. Perform final adjustments, and necessary service prior to substantial completion.

6.04 CONSTRUCTION

- A. Interface with Other Work:
 - 1. Guide rail brackets attached to steel shall be installed prior to application of fireproofing.
 - a. Coordinate interface of elevators and fire alarm system.
 - b. Coordinate interface of dedicated telephone line.

6.05 TESTING AND INSPECTIONS

- A. Perform recommended and required testing in accordance with authority having jurisdiction.
- B. Obtain required permits and provide originals to Owner's Representative.

6.06 DEMONSTRATION

- A. Prior to substantial completion, instruct Owner's Representative on the proper function and required daily maintenance of elevators. Instruct personnel on emergency procedures.

6.07 ADDITIONAL ITEMS INCLUDED BY ELEVATOR CONTRACTOR

- A. Demo and disposal of existing elevator to be included by the elevator contractor. USM has the right retain removed components upon request for salvage purposes.
- B. Dumpster service and secure storage for elevator components.
- C. Code compliant pit ladders

D. Project must be installed and pass final inspection prior to June 30, 2022

Appendix A

**THE UNIVERSITY OF SOUTHERN MISSISSIPPI
McCarty Hall Elevator Modernization
Request for Bid (RFB) #19-11
Signature Page**

Provide information requested, affix signature, and return this page with your proposal:

NAME OF FIRM: _____

COMPLETE ADDRESS: _____

TELEPHONE NUMBER: _____

AREA CODE/NUMBER

FACSIMILE NUMBER: _____

AREA CODE/NUMBER

E-MAIL ADDRESS: _____

AUTHORIZED
SIGNATURE: _____

PRINTED NAME: _____

TITLE: _____

Appendix B

**THE UNIVERSITY OF SOUTHERN MISSISSIPPI
PROCUREMENT SERVICES
118 COLLEGE DRIVE #5003
HATTIESBURG, MS 39406-0001**

GENERAL TERMS, CONDITIONS AND INSTRUCTIONS FOR BIDS/PROPOSALS

- 1.) Failure to examine any drawings, specifications, and instructions will be at bidder's risk.
- 2.) Samples of items when called for must be furnished free of expense and if not destroyed in testing, will, upon request, be returned at the bidder's expense. Request for the return of samples must be made within ten (10) days following opening bids. Each individual sample must be labeled with bidder's name and manufacturer's brand name and number.
- 3.) Bids must be signed and sealed with bidder's name and address on the outside of the envelope, and the time and date of the bid opening and the bid file number shown in the lower-left corner of the packages; envelopes, express mailing labels, boxes, etc.
- 4.) In order for your bid to be considered, it must be received and time stamped in our office by 2:00 P.M. of the bid opening date. It is the responsibility of the vendor to ensure their bid is received within the appointed time. If your bid package is not received in Bond Hall, Room 214, by 2:00 P.M. of the bid opening date, it will not be considered.

If you are delivering your bid, you need to hand carry the bid package to:

The University of Southern Mississippi
Procurement Services
Bond Hall, Room 214
Hattiesburg, Mississippi

If you are mailing your bid package via U.S. Postal Service, mail to:

The University of Southern Mississippi
Procurement Services
118 College Drive #5003
Hattiesburg, MS 39406-0001

If you are express mailing your bid package via Federal Express or UPS, or any other delivery service which requires the use of a physical address, deliver to:

The University of Southern Mississippi
Receiving Department
2609 West 4th Street
Hattiesburg, MS 39401

- 5.) Bids or proposals shall not be modified, corrected, altered, or amended after the specified closing time and the opening of such bids, unless otherwise noted in the request for bids or proposals.
- 6.) The University of Southern Mississippi reserves the right to reject any and all bids, to waive any informality in bids, and unless otherwise specified by the bidders, to accept any items on the bid. If the bidder fails to state the time within which bids must be accepted, it is understood and agreed that The University of Southern Mississippi shall have 60 days to accept. The University of Southern Mississippi reserves the right to make an award to this bid on an all or none basis, or on a line by line basis, whichever serves the best interest of The University of Southern Mississippi.
- 7.) Contracts and purchases will be made or entered into with the lowest, responsible bidder meeting specifications.
- 8.) A written purchase order or contract award mailed or otherwise furnished to the successful bidder within the time of acceptance specified in the Invitation for Bid results in a binding contract without further action by either party. The contract shall not be assignable by the vendor in whole or in part without the written consent of The University of Southern Mississippi.
- 9.) Bid files may be examined during normal working hours by bid participants. Non-participants will be prohibited from obtaining any information relative to the bid until the official award has been made.
- 10.) If purchase orders or contracts are canceled because of the awarded vendor's failure to perform or request for price increase, that vendor shall be removed from our bidders' list for a period of 24 months.
- 11.) No addendum will be issued within a period of two (2) working days prior to the time and date set for the bid opening. Should it become necessary to issue an addendum within the two-day period prior to the bid opening, the bid date will be reset giving bidders ample time to answer the addendum.
- 12.) Alternate bids, unless specifically requested or allowed, will not be considered.
- 13.) Bid openings will be conducted open to the public. However, they will serve only to open the bids. No discussion will be entered into with any vendor as to the quality or provisions of the specifications, and no award will be made either stated or implied at

the bid opening. After the close of the bid opening meeting, the bids will be considered to be in the evaluation process and will not be available for review by bidders. Proposal openings are not required to be open to the public; however, the resulting award is open for public inspection.

- 14.) Prices quoted shall be firm for the term of the contract or for the stated time of acceptance.
- 15.) The bidder understands that The University of Southern Mississippi is an equal opportunity employer and, therefore, maintains a policy which prohibits unlawful discrimination based on race, color, creed, sex, age, national origin, physical handicap, disability, or any other such discrimination; and the bidder, by signing this bid, agrees during the term of agreement that the bidder will strictly adhere to this policy in its employment practices and provision of products or services.
- 16.) Bidders must upon request of The University of Southern Mississippi furnish satisfactory evidence of their ability to furnish products or services in accordance with the terms and conditions of these specifications. The University of Southern Mississippi reserves the right to make the final determination as to the bidder's ability.
- 17.) Questions or problems arising from bid procedures should be directed to the Buyer listed on the solicitation at:

The University of Southern Mississippi
118 College Drive #5003
Hattiesburg, MS 39406-0001
Phone: (601) 266-4131

- 18.) All items must equal or exceed the specifications listed. The absence of detail specifications or the omission of detail description shall be recognized as meaning that only the best commercial practices are to prevail and that only first quality materials and workmanship are to be used.
- 19.) It is the intent of the specifications to obtain a product that will adequately meet the needs of the user while promoting the greatest extent of competition that is practicable. It is the responsibility of the prospective bidder to review the entire Invitation to Bid packet and to notify The University of Southern Mississippi if the Specifications, Instructions, General, or Special Conditions are formulated in a manner which would unnecessarily restrict competition.
- 20.) It shall be incumbent upon the bidders to understand the specifications. Any requests for clarifications shall be in writing and shall be submitted to our Procurement Services office at least five (5) days prior to the time and date set for the bid opening, unless otherwise noted in the bid or proposal specifications.

- 21.) The minimum specifications are used to set a standard and in no case are used with the intention to discriminate against any manufacturer. Bidders should note the name and the manufacturer and model number of the product they propose to furnish and submit descriptive literature.
- 22.) Trade names, brand names, and/or manufacturer's information used in these specifications are for the purpose of establishing quality, unless otherwise noted. Bids on products of other qualified manufacturers are acceptable, provided they are demonstrated as equal to those specified in construction, design and suitability. Each bidder shall submit with his bid a complete brochure with pictures on each item and shall point out specifically any deviations from the specified items. Failure to do so may disqualify any bid. Please bid as specified or an approved equal.
- 23.) A copy of the manufacturer's standard guarantee/warranty shall accompany and become a part of this bid.
- 24.) There are no federal or state laws that prohibit bidders from submitting a bid lower than a price or bid given to the U.S. Government. Bidders may bid lower than U.S. Government contract price without any liability as The University of Southern Mississippi is exempt from the provisions of the Robinson-Patman Act and other related laws. In addition, the U.S. Government has no provisions in any of its purchasing arrangements with bidders whereby a lower price to The University of Southern Mississippi must automatically be given to the U.S. Government.
- 25.) All invoices, unless noted otherwise, are to be billed to:
- The University of Southern Mississippi
Accounts Payable
118 College Drive #5104
Hattiesburg, MS 39406-0001
- 26.) All equipment bid shall be of current production and of the latest design and construction.
- 27.) Where all, or part(s), of the bid is requested on a unit price basis, both the unit prices and the extension of the unit prices constitute a basis of determining the lowest responsible and responsive bidder. In cases of error in the extension of price, the unit price will govern.
- 28.) Should the University of Southern Mississippi close due to inclement weather conditions, or any other unforeseen events on the bid opening date, sealed bids will open the following business day at the same time and location.

- 29.) As an alternative to traditional sealed bids in envelopes, the University of Southern Mississippi is capable of receiving electronic bid responses. While this option is available, it is not required and we ask that all potential respondents keep in mind that with any electronic system there could be delays or glitches with the submission process; therefore the University highly encourages traditional sealed bids which are either mailed or submitted in person. Should a vendor choose to submit their response electronically, please follow the instructions below using the following website: https://www.ms.gov/dfa/contract_bid_search/Home/Sell. On this site you will find helpful links to procurement opportunities, as well as a link to supplier registration. If not already registered in this system, potential bidders will first need to click on 'Supplier Registration' and follow the steps outlined (a one-time process). Once registered, they can return to the original website and click on 'Procurement Opportunities' where they can either search by keyword for the bid they desire to respond to or leave the search box blank and click 'Search' for a listing of all current bids and proposals for the various State of Mississippi offices.

With regard to electronically submitted construction bids, there is one additional step required during the bid submission process. Along with the bid response and other attachments, contractors will also need to attach their Certificate of Responsibility (COR), or a statement that the bid enclosed does not exceed Fifty Thousand Dollars (\$ 50,000.00). If their COR or such statement is not attached, the bid will be invalid and not considered.

AA/EOE/ADA

APPENDIX C

SAMPLE CONTRACT FOR THE UNIVERSITY OF SOUTHERN MISSISSIPPI TO OBTAIN SERVICES

PART A

This Agreement is between _____, hereinafter referred to as "Contractor", a corporation organized and existing under the laws of the State of _____ with its corporate address being _____, _____, _____, and the University of Southern Mississippi, a governmental entity of the State of Mississippi, hereinafter referred to as "USM", with its address at P.O. Box _____, Hattiesburg, Mississippi 39406 for and on behalf of its _____ (hereinafter _____). Contractor and USM are collectively referred to as the "parties."

WHEREAS, Contractor desires to provide certain, specific services to USM,

WHEREAS, USM is willing to pay for those services, and

WHEREAS, this Agreement was negotiated, made, and entered into by the parties hereto pursuant to a Request For Proposals procedure conducted by University pursuant to relevant Mississippi state law, all as more fully described in University's RFP #18-23 dated xxxx, and its associated Addenda, and Contractor's proposal dated xxxx.

This agreement shall not be effective unless and until both parties have executed this agreement and the effective date of this agreement shall be the date this agreement is executed by whichever party executes the agreement last. The term of this agreement shall be for ___ (# of years) ___ from the effective date of this agreement at which time this agreement shall automatically expire. However, upon mutual written agreement of both parties, if a renewal agreement is executed by both parties at least 60 days prior to the termination of this agreement, then this agreement may be renewed under terms mutually agreeable to both parties at that time.

Therefore, the parties hereby agree as follows:

A. Both parties agree to all terms and conditions set forth in **Part B**, the University of Southern Mississippi Standard Terms and Conditions, with the exception of any exceptions, additions, alterations or revisions set forth in **Part C**, Exceptions to the University of Southern Mississippi Standard Terms and Conditions, which must be signed by both parties to be in force.

B. Contractor shall:

Provide the following services:

a. *(the scope of services should be clearly defined)*

b. _____

C. _____
Refrain from using USM's name, work mark, or other university identifier. Refrain from using the name or title of any USM official. Refrain from projecting their product, or the work entailed therewith, as being approved by or otherwise endorsed by USM, its entities or officials.

C. For the services set forth herein, USM will pay Contractor as follows:
a. *(the amount of payment should be clearly defined) The timing of payment is set forth in Part B, Section A.*

D. Notices
All notices required or permitted to be given under this agreement must be in writing and personally delivered or sent by certified U.S. Mail, postage prepaid, return receipt requested, to the persons at the address shown below. The parties agree to notify the other in writing of any change of address.

For Contractor:	For USM:
_____	_____
_____	_____
_____	P.O. Box _____
_____	Hattiesburg, MS 39406

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AGREEMENT ON THE DATES SHOWN BELOW.

(Insert contractor name _____)

BY: _____ / _____
Date

UNIVERSITY OF SOUTHERN MISSISSIPPI

BY: _____ / _____
Date

CONTRACT FOR THE UNIVERSITY OF SOUTHERN MISSISSIPPI

[Title of Service]

PART B

UNIVERSITY OF SOUTHERN MISSISSIPPI
STANDARD TERMS AND CONDITIONS

A. Payment

USM shall pay Contractor within 45 days of receipt of each invoice received from Contractor upon review and confirmation by USM that such payments and all portions thereof are due, justified and warranted based on services received by USM in accordance with §31-7-305(2), Mississippi Code of 1972.

B. Availability of Funds

It is expressly understood and agreed that the obligation of USM to proceed under this agreement is conditioned upon the availability and receipt of funds by USM to specifically perform the obligations set forth for USM under this agreement.

C. Representation Regarding Contingent Fees and Gratuities

Contractor represents that it has not retained a person to solicit or secure a state contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee. Further, Contractor represents that it has not violated, is not violating, and promises that it will not violate the prohibition against gratuities set forth in state law.

D. Equal Employment Opportunity

Contractor represents and understands that USM is an equal opportunity employer and therefore maintains a policy that prohibits unlawful discrimination. Contractor agrees that during the term of this agreement that Contractor will strictly adhere to this policy in its employment practices and the provisions of its services.

E. Assignment Prohibition

Contractor agrees that it shall not attempt to nor shall it assign this agreement to any party and that any attempt to do so shall be void.

F. Authority to Contract

Contractor warrants (a) that it is a validly organized business with valid authority to enter into this agreement; (b) that it is qualified to do business and is in good standing in the State of Mississippi; (c) that entry into and performance under this agreement is not restricted or prohibited by any loan, security, financing, contractual, or other agreement of any kind, and (d) notwithstanding any other provisions of this agreement to the contrary, that there are no existing legal proceedings or prospective legal proceedings, either voluntary or otherwise, which may adversely affect its ability to perform its obligations under this agreement.

G. Failure to Enforce

The failure by USM at any time to enforce the provisions of this agreement shall not be construed as a waiver of any such provision. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right for USM to enforce the provisions at any time in accordance with the terms.

H. Contractor-Independent Contractor

Contractor shall at all times be regarded as and shall be legally considered an independent contractor and neither Contractor nor its employees shall, under any circumstances, be considered servants, agents or employees of USM, and USM shall at no time be legally

responsible for any negligence or other wrongdoing by Contractor, its partners, principals, officers, agents, employees or representatives. USM shall not be responsible for any federal and state unemployment tax, federal or state income taxes, Social Security taxes, or any other amounts for the benefit of Contractor or any of its partners, principals, officers, agents, employees or representatives. USM shall not provide to Contractor, its partners, principals, officers, agents, employees or representatives any insurance coverage or other benefits, including, but not limited to, Worker's Compensation, which are normally provided by USM to its employees. Contractor's personnel shall not be deemed in any way, directly, indirectly, expressly or by implication, to be employees of USM. Nothing contained in this agreement or otherwise shall be deemed or construed as creating the relationship of principal and agent, partners, joint venturers, or any similar relationship between USM and the Contractor. At no time shall Contractor be authorized to do so and at no time shall Contractor act as an agent for or of USM.

I. Indemnification and Insurance

Contractor and its officers shall indemnify, defend, save and hold harmless, protect, and exonerate the State of Mississippi, the Board of Trustees of State Institutions of Higher Learning, USM, and each of their officers, agents, employees, and representatives, both in their official and in their individual capacities, from and against all claims, demands, liabilities, suits, actions, damages, losses and costs of every kind and nature whatsoever, including, without limitation, court costs, investigative fees and expenses and attorney's fees, arising out of or caused by Contractor and its' partners, principals, officers, agents, employees or representatives related to actions or inactions of Contractor, its partners, principals, officers, agents, employees and representatives. In USM's sole discretion, Contractor may be allowed to control the defense of any such claim, suit, etc., but in such event, Contractor shall use legal counsel acceptable to USM. Contractor shall be solely responsible for all costs and/or expenses associated with such defense and USM shall be entitled to participate in said defense.

Contractor shall not settle any claim, suits, etc., without USM's written concurrence, which concurrence USM shall not unreasonably withhold.

Contractor, at its expense, agrees to procure and maintain during the term a policy of comprehensive general liability insurance in an amount of not less than five million dollars (\$5,000,000), single limit, against claims for bodily injury, death and not less than five million dollars (\$5,000,000) for property damage occurring in connection with this agreement. This insurance must name the Board of Trustees of the State Institutions of Higher Learning of Mississippi and USM as additional insureds as to acts or omissions of Contractor and its officers, employees, and agents. The additional insured requirement shall be by endorsement form CG 20 37 0413, or an equivalent or broader form, or by blanket additional insured endorsement, and the general liability coverage shall be primary and noncontributory in respect to insurance maintained by USM or IHL. Further, Contractor agrees to waive any rights of subrogation against IHL or USM. No material change in coverages may occur for USM or IHL without 30 days advanced notice. Contractor must provide USM with a certificate evidencing this insurance coverage no later than the 10 days prior to the effective date of this Agreement, and before any on-site work commences.

J. Attorney's Fees and Expenses

Contractor agrees that in the event Contractor defaults in any obligations under this agreement that Contractor shall pay to USM all costs and expenses, including but not limited to, attorney's fees incurred by USM in enforcing this agreement.

K. Patents and Copyrights

Contractor covenants to save, defend, keep harmless, and indemnify the State of Mississippi, the Board of Trustees of State Institutions of Higher Learning, USM, and each of their officers, agents, employees, and representatives, both in their official and in their individual capacities, from and against all claims, losses, damages, injury, fines, penalties, and costs, including court costs and attorney's fees, charges, and other liability and exposure however caused for or on account of any copyright or patent infringement that may result from activities related to this agreement and the actions/inactions hereunder by the parties. This indemnification is not separate from that set forth elsewhere in this agreement and is not a limitation thereon, but instead is in conjunction therewith and is recited to ensure that the full breadth of the indemnification provisions contained elsewhere in this agreement are understood by the parties.

L. Disputes

Contractor agrees that any and all disputes between the parties to this agreement must be submitted to the USM Vice President for Administrative Affairs for consideration and a final decision. If Contractor is dissatisfied with that final decision, the dispute may, at the option of USM, be subjected to resolution by mediation prior to any action being taken by Contractor toward litigation.

M. Modifications to Agreement

This Agreement represents the entire understanding between the parties with respect to the subject matter hereof, and this Agreement supersedes all previous representations, understandings or agreements, oral or written, between the parties with respect to the subject matter and cannot be modified except by a written instrument signed by the parties. All attached schedules and exhibits are hereby incorporated by reference to this Agreement.

N. Ownership of Documents and Work Papers

USM shall own all documents, files, reports, work papers and working documents, electronic or otherwise, created by Contractor in connection with this agreement.

O. Severability

If any part of this agreement is declared to be invalid or unenforceable, such invalidity or unenforceability shall not affect any other provision of the agreement, and to that end the provisions hereof are severable. In such event, the parties shall amend the agreement as necessary to reflect the original intent of the parties and to bring any invalid or unenforceable provisions in compliance with applicable law.

P. Termination for Convenience

USM may, when the interests of USM so require, terminate this agreement in whole or in part for convenience of USM. Written notice of the same is required to be provided by USM and shall allow no less than ten (10) days' notice prior to the effective date of termination.

Q. Termination for Cause

Either party may terminate this agreement immediately upon issuance of written notice if the other party fails to perform the obligations to the other party under this agreement. The party

issuing such a termination notice may allow 30 days within which the other party may attempt to cure the failure to fulfill its obligations, but such 30 day cure time is not required.

R. Inspection of Books and Records

USM shall have the right to inspect and audit the books and records of Contractor at reasonable times and places. Such books and records shall be retained and maintained by Contractor for a minimum of three years following the termination or the expiration of this agreement.

S. Applicable Law

This contract shall be governed by and construed in accordance with the laws of the State of Mississippi, excluding its conflicts of law provisions, and any litigation with respect thereto shall be brought in the courts of this state. Contractor shall comply with applicable federal, state, and local laws and regulations. If a court determines that any provision of this contract is not enforceable against USM, the Contractor agrees that the individual signing this agreement on behalf of USM is not personally responsible or liable for any of the obligations and duties contained herein.

T. Venue

Each of the parties hereto hereby irrevocably and unconditionally consent to submit to the exclusive jurisdiction of the state courts of Forrest County, Mississippi, with respect to any litigation arising out of, or related to, this agreement and the transactions contemplated hereby (and agrees not to commence any litigation relating thereto except in such courts). Each of the parties hereto irrevocably and unconditionally waives any objection to the laying of venue of any litigation arising out of this agreement of the transactions contemplated hereby, in the state courts of Forrest County, Mississippi, and hereby further irrevocably and unconditionally waives and agrees not to plead or claim in any such court that any such litigation brought in any such court has been brought in an inconvenient forum.

U. E-Verify

Contractor represents and warrants that it will ensure its compliance with the Mississippi Employment Protection Act, Section 71-11-1, *et seq* of the Mississippi Code Annotated, and will register and participate in the status verification system for all newly hired employees. The term "employee" as used herein means any person that is hired to perform work within the State of Mississippi. As used herein, "status verification system" means the Illegal Immigration Reform and Immigration Responsibility Act of 1996 that is operated by the United States Department of Homeland Security, also known as the E-Verify Program, or any other successor electronic verification system replacing the E-Verify Program. Contractor agrees to maintain records of such compliance and, upon request of the State and approval of the Social Security Administration or Department of Homeland Security, where required, to provide a copy of each such verification to the State. Contractor further represents and warrants that any person assigned to perform services hereunder meets the employment eligibility requirements of all immigration laws of the State of Mississippi. Contractor understands and agrees that any breach of these warranties may subject Contractor to the following: (a) termination of this Agreement and ineligibility for any state or public contract in Mississippi for up to three (3) years, with notice of such cancellation/termination being made public, or (b) the loss of any license, permit, certification or other document granted to Contractor by an agency, department or governmental entity for the right to do business in Mississippi for up to

one (1) year, or (c) both. In the event of such termination/cancellation, Contractor would also be liable for any additional costs incurred by the State due to contract cancellation or loss of License or Permit.

V. Force Majeure

Neither Party shall be deemed in default or otherwise liable hereunder due to its inability to perform by reason of any fire, earthquake, flood, epidemic, accident, explosion, casualty, strike, lockout, labor controversy, riot, civil disturbance, act of public enemy, embargo, war, act of God, or similar causes beyond the party's control. Any delay in performance shall be no greater than the event of force majeure causing the delay. If an event of force majeure continues uninterrupted for a period exceeding six (6) calendar months, either party may elect to terminate this Agreement upon notice to the other, but such right of termination, if not exercised, shall expire immediately upon the discontinuance of the event of force majeure.

Contractor's Initials _____

USM initials _____

CONTRACT FOR THE UNIVERSITY OF SOUTHERN MISSISSIPPI
TO OBTAIN SERVICES

PART C

Exceptions to University of Southern Mississippi Standard Terms and Conditions

Any exceptions, additions, alterations or revisions to the University of Southern Mississippi Standard Terms and Conditions shall be listed herein and shall become a binding part of the contract upon approval and signature by both parties. If there are no exceptions, "NO EXCEPTIONS" should be typed after "A" and both parties should sign the **Part C** signature section. Failure of either party to sign **Part C** will render it not applicable and the entire University of Southern Mississippi Standard Terms and Conditions will be considered to be in force.

- A.
- B.
- C.
- D.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AGREEMENT ON THE DATE SHOWN BELOW.

(Insert contractor name _____)

BY: _____ / _____
Date

UNIVERSITY OF SOUTHERN MISSISSIPPI

BY: _____ / _____
Director of Procurement & Contracts Date