



THIS IS NOT AN ORDER

REQUEST FOR

WSEFVHRIWIROORZQLHPVHDVWXXEPLW RK
ELQQGHDLQRQHFRSIRURKILOHVLEWUHVHUUHMFHSHU
UHMFVDQ\SDUVRI RK ELG< RK TKWRQ ZOO EH LHQ
FRQVLHUDRQLIUHFHLHGQRQDOORRPRQRUEHIRUH

Name: _____

Company: _____

Address: _____

City/State/Zip: _____

MUVRGGWHPUPVRIVDOHEWUPVDUHH QDVQHNV
FVHWPVZOODSSOSHULVVLVLSLODZ
WVWUPV ZOOQRBXHQVDEDVLVIRDDUGQJ
FRQWDFWZHUUQLHUV LDOODFFHSDVKEQPPCCCCCCCCCCCCCSEEDD

SP &
FREHU

FRDQQRWKWRQWHPQO
QUANTITY

Table with 5 columns: Description, Unit Price, Total Net Price, and two empty columns. Description: BID 25-11 Differential Scanning Calorimetry, Rfx # 3160006896. Includes a note: PROPOSAL MUST BE RETURNED TO THE UNIVERSITY IN ACCORDANCE WITH THE SPECIFICATIONS...

We quote you as above - F.O.B. The University of Southern Mississippi.
Shipment can be made in _____ days from receipt of order. DATE _____
Return quotation to Procurement Services at above address.

AA/EOE/ADAI Signature Required _____

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

GENERAL TERMS, CONDITIONS AND

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 proposals. Each individual sample must be labeled with the bidder's name and manufacturer's brand name and number.

3.4 As a public entity of this state, we use sealed bidding to ensure a fair and open competition to ensure no one in the buying organization can influence the bidding process or steer the selection of a particular company by sharing competitive information.

Terms of a proposal may be cause for
I never send advance copies of a
of electronic proposal Bidders must
the time and place stated in the
als and must not be revealed to the

5.) For your proposal to be considered, it must be received, and time stamped in our office by 2:00 P.M. of the proposal opening date. It is the responsibility of the vendor to ensure their proposal is received within the appointed time. If your proposal package is not received in Bond Hall, Room 214, by 2:00 P.M. of the proposal opening date, it will not be considered.

a. If you are delivering your proposal, you need to hand carry the proposal package to: The University of Southern Mississippi
Procurement Services (RFP #)
Bond Hall, Room 214
Hattiesburg, Mississippi

- b. If you are mailing your proposal package via U.S. Postal Service, mail to: The University of Southern Mississippi
Procurement Services (RFP #)
118 College Drive #5003
Hattiesburg, MS 39406-0001
- c. If you are express mailing your proposal 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
- 6.) Bids or proposals shall not be modified, corrected, altered, or amended after the specified closing time and the opening of such proposals, unless otherwise noted in the request for proposals or proposals.
- 7.) The University of Southern Mississippi reserves the right to reject any and all proposals, to waive any informality in proposals, and unless otherwise specified by the bidders, to accept any items on the proposal. If the bidder fails to state the time within which proposals must be accepted, it is understood and agreed that The University of Southern Mississippi shall have 90 days to accept. The University of Southern Mississippi reserves the right to make an award to this proposal on an all or none basis, or on a line-by-line basis, whichever serves the best interest of The University of Southern Mississippi.
- 8.) Contracts and purchases will be made or entered into with the lowest, responsible bidder meeting specifications.
- 9.) 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.
- 10.) Unless written exception is provided in the proposal response, the winning Vendor agrees to be bound by the USM Terms and Conditions, which are incorporated herein, and may be found at <https://www.usm.edu/procurement-contractM- M t c ; N>

a. Any provisions disclaiming im

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 proposal, 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.

- 21.) 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.
- 22.) Questions or problems arising from proposal 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
Bids@usm.edu

- 23.) All items must equal or exceed the specifications listed. The absence of detailed specifications or the omission of a detailed 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.
- 24.) 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.
- 25.) 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 seven (7) business days prior to the time and date set for the proposal opening, unless otherwise noted in the proposal or proposal specifications.
- 26.) The minimum specifications are used to set a standard and in no case are used with the intention of discriminating 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.
- 27.) Trade names, brand names, and/or manufacturer's information used in these specifications are for the purpose of establishing a level of quality, unless otherwise noted. Bids on products from 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 proposal

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 proposal. Please proposal as specified or an approved equal.

- 28.) A copy of the manufacturer's standard guarantee/warranty shall accompany and become a part of this proposal.
- 29.) There are no federal or state laws that prohibit bidders from submitting a proposal lower than a price or proposal given to the U.S. Government. Bidders may proposal 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.
- 30.) All invoices, unless noted otherwise, are to be billed to:

The University of Southern Mississippi
School Of Polymer Science and Engineering
118 College Drive #5050
Hattiesburg, MS 39046
Christy.harvey@usm.edu

- 31.) All equipment proposals shall be of current production and of the latest design and construction.
- 32.) Where all, or part(s), of the proposal 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.
- 33.) Should the University close due to inclement weather conditions, or any other unforeseen events on the proposal opening date, sealed solicitations will open the following business day at the same time and location.
- 34.) The University reserves the right to solicit Best and Final Offers (BAFOs) from Vendors, principally in situations in which proposal costs eclipse available funding, or the University believes none of the competing proposals presents a Best Value (lowest and best proposal) opportunity. Because of the time and expense incurred by both the Vendor community and the University, BAFOs are not routinely conducted. Vendors should offer their best pricing with the initial

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to improve the opportunity for attaining Best Value scenarios from among the remaining competing Vendors. All BAFO proceedings will be uniformly conducted, in writing, and be subject to solicitation by the University and receipt from the Vendors under a precise schedule.

- 35.) As an alternative to traditional sealed bids in envelopes, the University of Southern Mississippi is capable of receiving electronic proposal 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/bid_proposal_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, potentia



Differential Scanning Calorimetry (DSC)

REQUEST FOR BIDS

**September 9,
2024**

Termination section: "Upon termination of this Agreement by Licensee or by Licensor, Licensor shall issue Licensee a refund of a proportionate share (based on the number of days in the term year before and after the termination) of the Annual Fees paid with respect to that term year."

G. Bid Specifications

i. Requirements

The following specifications are to ensure that the DSC will perform the tasks necessary to satisfy the project's objectives. Any deviation from the following specifications must be explained and justified.

Bidder shall meet or exceed the following specifications:

General

- The DSC should be of the Heat Flux design whereby the sample and reference are measured in the same furnace on separate stages.
- The baseline flatness (-50 to 300°C) must be <5 μW. The baseline repeatability (-50 to 300°C) must be <10 μW. This should be done without baseline subtractions or post-test desmearing, deconvolution, or other manipulation.
- Temperature accuracy must be within ±0.025°C.
- Temperature precision must be within ±0.005°C.
- The heat flow digital resolution must be at least 0.001 μW.
- The indium response ratio must be >100 (height to width ratio of an indium melting peak). This should be achieved without post-test de-smearing, deconvolution, or other manipulation.
- The instrument should cover a temperature range of -90 to 550°C using a refrigerated cooling system that eliminates the need for liquid nitrogen.
- The DSC must include at least a 54-position autosampler capable of loading and unloading the sample and reference pans.
- Data files must contain measured sensor temperature, not calculated temperature. This allows the user to measure accurate and precise transition temperature and to know the actual temperature of the sample during different heating rate experiments.
- The DSC cell should include integrated, temperature-controlled electronics for stable signal processing.
- The DSC should employ area temperature detectors directly beneath the sample and reference positions, not platinum resistance thermometers or thermopiles.

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The instrument shot be at e sigk

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- The instrument software must be able to open historic USM data files for data comparison.

ii. Customer Support

The vendor should be willing to help The University of Southern Mississippi resolve any technical issues associated with the system, not only in the warranty period but also out of the warranty with reasonable service fees and leading time. Online and on-call technical support for software and hardware for the lifetime of the system shall also be provided. Training includes system setup, operation, maintenance, and troubleshooting.

iii. Warranty

Bidder warrants that the machinery shall be free from defects in material and workmanship under normal use and service with the obligation to repair or replace any parts, which are proven defective, with a minimum of one year from delivery with a warranty start date which commences post system installation and verification. Bidder shall also provide free software upgrades for the life of the instrument.

iv. Delivery

The vendor should quote the lead time required for delivery of the quoted equipment. Quoted prices should be F.O.B. Destination Freight Allowed. Onsite installation and system check is required and must be completed to the satisfaction of USM staff.

H. Additional Requirements

The University acknowledges that the specifications within this RFP may not be exhaustive. Rather, they reflect the known requirements that must be met by the proposed system. Vendors must specify what additional components may be needed and are proposed to complete each configuration.