



University of North Alabama  
Office of Procurement  
UNA Box 5025  
Florence, AL 35632  
Phone: (256)765-4206  
Fax: (256)765-4329

**Bid No. 2009-39 For: Gel Permeation Chromatography System**

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**INVITATION FOR BIDS:**

Sealed Proposals for furnishing materials, equipment or services as described herein will be received at the Procurement Department, Bibb Graves Hall, Room 21, University of North Alabama, Florence, Alabama, until 2:00 p.m. local time on May 6, 2009.

It is understood that the owner may accept any or all items at the prices listed in this proposal within a period of 30 days after the bid date for these items. Time is of the essence to this bid and if delivery is not made within the time specified, the University reserves the right to cancel the order. This bid may be withdrawn at any time prior to the scheduled time for the opening of bids, or any authorized postponement thereof.

**DIRECTIONS FOR MAILING BIDS:**

**Do not place more than one bid in an envelope. Envelopes containing more than one bid may not be opened in time for a bid to be considered.**

Envelopes containing bids must be sealed, marked and addressed as follows:

ADDRESSED TO:	(If via U.S. Mail) University of North Alabama Procurement Department - Bid 2009-39 UNA Box 5025 Florence, AL 35632-0001	(If via commercial package delivery service) University of North Alabama Procurement Department - Bid 2009-39 Bibb Graves Hall, Room 21 One Harrison Plaza Florence, AL 35632-0001
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BID FOR: Chromatography Sysem  
Bid No. 2009-37

**CAUTION** – The above mailing address line, UNA Box 5025, is the address for the University of North Alabama Central Mail Room and is not part of the physical address for the University of North Alabama Procurement Department. Envelopes or packages addressed to this box number may not be received in the Procurement Department by the specified bid due date and time. It is the bidder's responsibility to ensure that the bid is received in the Procurement Department by the date and time specified.

Bidders are strongly cautioned to mail or ship bids to allow ample time for receipt in the Procurement Department, not the Central Mail Room nor Central Receiving. Overnight or next day delivery services may not be adequate.

**Bids received in the Procurement Department after the specified date and time set forth above will not be considered and will be returned to the bidder**

**Bids will be opened in Bibb Graves Hall, Room 21 at 2:00 p.m. local time on May 6, 2009.**

Revised 1/30/08

**BIDDER'S NAME:** \_\_\_\_\_ **BY:** \_\_\_\_\_  
**Signed by Company Representative**



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### ***INSTRUCTIONS TO BIDDERS***

1. All bidders are to submit bids on proposal forms furnished by the Director of Procurement, University of North Alabama (forms enclosed). All bid forms are to be signed in all designated spaces by an authorized officer or employee of the bidder. Telephone bids will not be accepted. Bids submitted by "fax" machine or email will not be accepted. All bids are to be mailed or delivered in a sealed envelope.
2. All bidders shall base their proposals on the exact schedule of equipment, material or service specifications herein.
3. Pictures, descriptions, and specifications should accompany all bids when required or desirable. Samples may be required and, if so, shall be furnished free of cost to the Owner.
4. Reference to manufacturers, suppliers, catalog numbers, etc., is intended to set quality standards and does not preclude bids from others as long as quality standards are met. Offers of equal items shall state the brand and number or level of quality. Alternates will not be considered unless they conform to the specifications.
5. All bidders are required to submit unit prices and extended prices, where applicable, for each item bid. Where the unit price and the extended total price do not agree, the unit price shall prevail.
6. The Owner reserves the right to accept any or all items on any bidder's proposal at the unit price submitted. The Owner reserves the right to reject any and all bids and to waive informalities.
7. All prices submitted on the proposal are to be delivered prices to the University of North Alabama and shall not include any state or local sales tax.
8. All questions should be directed to the Procurement Office, University of North Alabama, UNA Box 5025, Florence, AL 35632-0001, phone 256/765-4206.
9. Should a bidder find discrepancies in, or omissions from the bid documents or should he be in doubt as to their meaning, he should at once notify the Owner who will send written instructions to all bidders.
10. Bids received after the bid opening date and time, or any authorized postponement thereof, will not be considered.
11. **EQUAL EMPLOYMENT OPPORTUNITY/U.S. FAIR LABOR STANDARDS ACT:** By signing this proposal, bidder certifies that bidder is in compliance with the nondiscrimination clause contained in Section 202, Executive Order 11246, as amended by Executive Order 11375, relative to Equal Employment Opportunity for all persons without regard to race, color, religion, sex, or national origin, and the rules and regulations prescribed by the Secretary of Labor, Veteran's Act 38USC4212, Section 503 - Rehabilitation act of 1973 Title I of the Americans with Disabilities Act of 1990 42USC12101, and that any and all goods were produced in compliance with all applicable requirements of Sections 6, 7, and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under Section 14 thereof.
12. **DISCLOSURE STATEMENT:** The successful bidder will be required to file with the Procurement Office a disclosure statement of relationship between contractors/grantees and employees/officials of the University. This form must be completed prior to issuance of the Purchase Order by the University of North Alabama. See Attachment A.

**BIDDER'S NAME:** \_\_\_\_\_ **BY:** \_\_\_\_\_  
**Signed by Company Representative**



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**PROPOSAL FORM**

In compliance with the University of North Alabama **INVITATION FOR BIDS** and **INSTRUCTIONS TO BIDDERS**, the undersigned hereby proposes to furnish and supply items to the University of North Alabama, Florence, Alabama, in strict accordance with the **SCHEDULE** and **SPECIFICATIONS**.

The undersigned bidder/proposer hereby certifies that it, its officers, partners, owners, providers, representatives, employees, and parties in interest, including the affiant, has not in any way colluded, conspired, connived or agreed, directly or indirectly, with any other bidder/proposer, potential bidder/proposer, firm or person, in connection with this solicitation, to submit a collusive or sham bid/proposal, to refrain from bidding/proposing, to manipulate or ascertain the price(s) of other bidders/proposers or potential bidders/proposers, or to secure through any unlawful act an advantage over other bidders/proposers or the university.

The prices submitted herein have been arrived at in an entirely independent and lawful manner by the bidder/proposer without consultation with other bidders/proposers or potential bidders/proposers or foreknowledge of the prices to be submitted in response to this solicitation by other bidders/proposers or potential bidders/proposers on the part of the bidder/proposer, its officers, partners, owners, providers, representatives, employees, or parties in interest, including the affiant.

**DATED:** \_\_\_\_\_

**COMPANY NAME:** \_\_\_\_\_

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

(Signature)

\_\_\_\_\_  
(Typed or Printed Name)

\_\_\_\_\_  
(Title)

**BUSINESS ADDRESS:** \_\_\_\_\_

**TELEPHONE:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**NUMBER OF DAYS TO DELIVER AFTER ORDER IS RECEIVED:** \_\_\_\_\_

**TERMS:** \_\_\_\_\_

If Bidder is a Corporation, write the State of Incorporation, and if a Partnership, give full name of partners, using space below.

**BIDDER'S NAME:** \_\_\_\_\_ **BY:** \_\_\_\_\_

**Signed by Company Representative**



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**UNIVERSITY OF NORTH ALABAMA**

**VENDOR CERTIFICATION**

**PURSUANT TO ACT NO 2006-557**

ALABAMA LAW (SECTION 41-4-116, CODE OF ALABAMA 1975) PROVIDES THAT EVERY BID SUBMITTED AND CONTRACT EXECUTED SHALL CONTAIN A CERTIFICATION THAT THE VENDOR, CONTRACTOR, AND ALL OF ITS AFFILIATES THAT MAKE SALES FOR DELIVER INTO ALABAMA OR LEASES FOR USE IN ALABAMA ARE REGISTERED, COLLECTING AND REMITTING ALABAMA STATE AND LOCAL SALES, USE, AND/OR LEASE TAX ON ALL TAXABLE SALES AND LEASES IN ALABAMA. BY SUBMITTING THIS BID, THE BIDDER IS HEREBY CERTIFYING THEIR COMPLIANCE WITH ACT NO 2006-557. THEY ARE NOT BARRED FROM BIDDING OR ENTERING INTO A CONTRACT PURSUANT TO 41-4-116, AND ACKNOWLEDGES THAT THE AWARDING AUTHORITY MAY DECLARE THE CONTRACT VOID IF THE CERTIFICATION IS FALSE.

Bidder here certifies full compliance with Act No. 2006-557:

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

Company: \_\_\_\_\_

\_\_\_\_\_

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

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

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

**BIDDER'S NAME:** \_\_\_\_\_ **BY:** \_\_\_\_\_

**Signed by Company Representative**



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**DISCLOSURE STATEMENT OF  
RELATIONSHIP BETWEEN CONTRACTORS/GRANTEES AND  
EMPLOYEES/OFFICIALS OF UNIVERSITY OF NORTH ALABAMA  
(THE "UNIVERSITY")**

1. Contract or Bid Number 2009-39
2. Name of Contractor \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Phone \_\_\_\_\_

This form is provided with:

☐ Contract ☐ Proposal ☐ Request for Proposal ☒ Invitation to Bid ☐ Grant Proposal

3. Nature of contract/grant  
Equipment Purchase
4. Does the contractor/grantee have any relationship with an employee or official of the University, or a family member of such employee or official, that will enable such employee or official, or his/her family member, to benefit from this contract/grant? If so, please state the names, relationships, and nature of the benefit.

(For employees of the University, family members include spouse and dependants. For members of the Board of Trustees (officials), family members include spouse, dependants, adult children or their spouses, parents, in-laws, siblings, and their spouses.)

This form will be available for public inspection upon request.

*By signing below, I certify under oath and penalty of perjury that all statements on or attached to this form are true and correct to the best of my knowledge. I further understand that a civil penalty of ten percent (10%) of the amount of the transaction, not to exceed \$10,000.00, is applied for knowingly providing incorrect or misleading information.*

Act 2001-955 requires the disclosure statement to be completed and filed with all proposals, bids, contracts, or grant proposals to the University of North Alabama in excess of \$5,000.

**BIDDER'S NAME:** \_\_\_\_\_ **BY:** \_\_\_\_\_  
**Signed by Company Representative**



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This form must be completed and returned before any contract(s) will be issued by the University.

**SPECIFICATIONS /REQUIREMENTS:**

The University of North Alabama (UNA) is seeking bids for a High Temperature Gel Permeation Chromatography System per the critical specifications outlined below. Delivery is desired by **7/01/2009** or before, therefore delivery commitment will be considered in the award process. Any and all references to manufacturers, suppliers, catalog numbers, etc., are intended to set quality standards and for convenience and descriptive purposes. If any bidder is proposing a substitute, the proposed substitute must be clearly identified and sufficient documentation must be included with the bid response to enable the University to determine if the item is acceptable for the purpose for which it is intended. All items are to be used for instructional purposes and UNA reserves the right to reject any item that UNA deems unsuitable for such instruction. UNA is a member of the E&I Cooperative and is entitled to receive any discounts offered to this organization.

**QUOTE**

**Unit Prices must reflect F.O.B. University of North Alabama, Florence, AL 35632-0001**

**ITEM1: High Temperature Gel Permeation Chromatography System**

**QTY 1 UNIT PRICE: \$ \_\_\_\_\_**

**Critical Specifications:**

Temperature Range	30 to 175°C
Molecular Size Range	Rg and Rh less than 1 nm
High Temperature- Triple Detector Array (Model 350 HT-TDA)	Oven Temperature Range: Ambient–80°C Oven Space: 7.25 in(w) x 10.25 in(h) x 15.25in(d) <b>Light Scattering Detector</b> 90° angle geometry for maximum signal-to-noise. 7° angle geometry Cell Volume: 18 microliters Maximum Backpressure on Cell: 15 psi Maximum Signal: 2.5 volts Baseline Noise: 0.4 millivolts Baseline Drift: 3.0 millivolts/hour Light Source: laser at 670 nm wavelength <b>Viscometer Detector</b> Bridge Volume: 72 microliters Maximum Flow Rate: 1.5 ml/min (H2O); 3.0 ml/min (THF) DP Noise Maximum: 0.7 millivolts DP Noise Typical: < 0.5 millivolts

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	DP Drift Typical: < 3.0 millivolts/hour Sensitivity: $2.0 \times 10^{-5}$ Specific Viscosity Transducer Linearity: < 1% Shear Rate: 3000 sec <sup>-1</sup> <b>Refractive Index Detector</b> Deflection type with reference cell included. Cell Volume: 12 microliters Maximum Backpressure on Cell: 5 psi Maximum Signal: 2.5 volts Baseline Noise: 0.3 millivolts, $3.0 \times 10^{-8}$ RI units Baseline Drift: 3.0 millivolts/hour Light Source: light emitting diode (LED) at 660 nm wavelength
Model 1122 Isocratic Pump	Flow Rate: 0.1–9.95 ml/min Flow Quantity Accuracy: +/- 1% or 10µL Pulsation: < 1% measured with viscometer detector Pump Head: analytical, stainless steel Delay Timer: 0–99 hours, programmable Start/Stop Time: 0–2.5 min, programmable Safety Limits: min/max pressure, programmable Remote Control: optional Signal Output: via RS 232/analog Power: 230/110 V, 50/60 Hz
Model 7510 Degasser	Flow rate: maximum 10 ml/min Efficiency: 0.5 ppm oxygen at 0.5 ml/min Channel volume: 8 ml/channel Materials: PTFE, PEEK in contact with solvent Vacuum: < 850 mbar Display: LCD Power: 230/110 V, 50/60 Hz
OmniSEC GPC software	Data acquisition and processing
PC	Compatible with: Windows XP, Windows 2000 Service pack 6 Microprocessor: 500 MHz or faster RAM Memory: 256 Mb Hard Drive: 20Mb Video Resolution: 1024 x 768 or better Two button mouse with scroll wheel USB port for Data Acquisition
Interface between PC and GPC	USB
Viscogel Aqueous Column Catalogue # 8020	Exclusion limit = 3K PEO Dimensions = 7.8 mm x 30 cm Particle size = 6µm
Mixed Bed Low MW column	Exclusion limit = 20K PS

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Catalogue #: I-MBLMW-3078	Max Pressure = 2500 PSI Dimensions = 7.8 mm x 30 cm
Triple detection standard Catalogue #: PolyCAL TDS-PS-NB	Polystyrene- Narrow and Broad
Triple detection standard Catalogue #: PolyCAL TDS-PEO-NB	Polyethylene glycol/Oxide- Narrow and Broad

**Delivery Commitment (ARO):** \_\_\_\_\_

**Provide Details of Warranty Information**

For any questions regarding use or needed performance of this equipment

Contact Dr. Moeller (256)765-4622; email [mbmoeller@una.edu](mailto:mbmoeller@una.edu)

For questions regarding bid submission

Contact the Office of Procurement, Cindy Conlon (256)765-4293; email [chconlon@una.edu](mailto:chconlon@una.edu)

*As an authorized representative of my company I certify this bid to be accurate and complete,*

**BIDDER'S NAME:** \_\_\_\_\_ **BY:** \_\_\_\_\_  
**Signed by Company Representative**