



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

Bid No. 2011-10 For: Birthing Simulator

Page 1 of 10

=====

INVITATION FOR BIDS:

Sealed Proposals for furnishing materials, equipment or services as described herein will be received at the Purchasing Department, Bibb Graves Hall, Room 21, University of North Alabama, Florence, Alabama, until 2:00 p.m. local time on December 7, 2010.

It is understood that the owner may accept any or all items at the prices listed in this proposal within a noted timeframes on the specification page. 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 any order placed as a result of this bid. This bid may be withdrawn at any time prior to the scheduled time for the opening of bids, or any authorized postponement thereof.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)	(If via commercial package delivery service)
	University of North Alabama	University of North Alabama
	Purchasing Department - Bid 2011-10	Purchasing Department - Bid 2011-10
	UNA Box 5025	Bibb Graves Hall, Room 21
	615 N Pine Street	One Harrison Plaza
	Florence, AL 35632-0001	Florence, AL 35632-0001

BID FOR: Birthing Simulator
Bid No. 2011-10

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 Purchasing Department. Envelopes or packages addressed to this box number may not be received in the Purchasing Department by the specified bid due date and time. It is the bidder's responsibility to ensure that the bid is received in the Purchasing Department by the date and time specified; no assumptions should be made in regard to an extension due to unforeseen circumstances of any kind, no due date or time will change without advance written notice from the Procurement Office.

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

Bids received in the Purchasing 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 December 7, 2010

=====

Revised 1/30/08

BIDDER'S NAME: _____ **BY:** _____
Signed by Company Representative



Bid No. 2011-10 For: Birthing Simulator

Page 2 of 10

INSTRUCTIONS TO BIDDERS

1. All bidders are to submit bids on proposal forms furnished by the Director of Purchasing, 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 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. Bidders should sign & return all pages of the complete bid to imply complete understanding and compliance with all bid requirements.
9. All questions should be directed to the Purchasing Office, University of North Alabama, UNA Box 5025, Florence, AL 35632-0001, phone 256/765-4206.
10. 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.
11. Bids received after the bid opening date and time, or any authorized postponement thereof, will not be considered.
12. **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.

BIDDER'S NAME: _____ **BY:** _____
Signed by Company Representative



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

Bid No. 2011-10 For: Birthing Simulator

Page 3 of 10

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



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

Bid No. 2011-10 For: Birthing Simulator

Page 4 of 10

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



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

Bid No. 2011-10 For: Birthing Simulator

Page 5 of 10

State of Alabama
Disclosure Statement
(Required by Act 2001-955)

ENTITY COMPLETING FORM

Agreement Number

ADDRESS

CITY, STATE, ZIP

TELEPHONE NUMBER

()

STATE AGENCY/DEPARTMENT THAT WILL RECEIVE GOODS, SERVICES, OR IS RESPONSIBLE FOR GRANT AWARD

ADDRESS

CITY, STATE, ZIP

TELEPHONE NUMBER

()

This form is provided with:

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

Have you or any of your partners, divisions, or any related business units previously performed work or provided goods to any State Agency/Department in the current or last fiscal year?

☐ Yes ☐ No

If yes, identify below the State Agency/Department that received the goods or services, the type(s) of good or services previously provided, and the amount received for the provision of such goods or services.

Have you or any of your partners, divisions, or any related business units previously applied and received any grants from any State Agency/Department in the current or last fiscal year?

☐ Yes ☐ No

If yes, identify the State Agency/Department that awarded the grant, the date such grant was awarded, and the amount of the grant.

1. List below the name(s) and address(es) of all public officials/public employees with whom you, members of your immediate family, or any of your employees have a family relationship and who may directly personally benefit financially from the proposed transaction. Identify the State Department/Agency for which the public officials/public employees work. (Attach additional sheets if necessary.)

BIDDER'S NAME: _____ **BY:** _____

Signed by Company Representative



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

Bid No. 2011-10 For: Birthing Simulator

Page 6 of 10

2. List below the name(s) and address(es) of all family members of public officials/public employees with whom you, members of your immediate family, or any of your employees have a family relationship and who may directly personally benefit financially from the proposed transaction. Identify the public officials/public employees and State Department/Agency for which the public officials/public employees work. (Attach additional sheets if necessary.)

If you identified individuals in items one and/or two above, describe in detail below the direct financial benefit to be gained by the public officials, public employees, and/or their family members as the result of the contract, proposal, request for proposal, invitation to bid, or grant proposal. (Attach additional sheets if necessary.)

Describe in detail below any indirect financial benefits to be gained by any public official, public employee, and/or family members of the public official or public employee as the result of the contract, proposal, request for proposal, invitation to bid, or grant proposal. (Attach additional sheets if necessary.)

List below the name(s) and address(es) of all paid consultants and/or lobbyists utilized to obtain the contract, proposal, request for proposal, invitation to bid, or grant proposal:

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.

Signature

Date

Notary's Signature

Date

Date Notary Expires

Act 2001-995 requires the disclosure statement to be completed and filed with all proposals, bids, contracts, or grant proposals to the State of Alabama in excess of \$5,000.

BIDDER'S NAME: _____ **BY:** _____
Signed by Company Representative



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

Bid No. 2011-10 For: Birthing Simulator

Page 7 of 10

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

SPECIFICATIONS / REQUIREMENTS

The University of North Alabama (UNA) is seeking bids for a Tetherless with Wireless Communication Full Body Birthing Simulator per the critical specifications outlined below. All features and specifications listed here are understood to represent minimum requirements. Any and all references to manufacturers, suppliers, catalog numbers, etc., are intended to set minimum features, specifications and quality standards and for convenience and descriptive purposes. UNA realizes that each manufacturer may have a different patented feature making their simulator unique; therefore the bidder should identify such unique sole source features and include the details outlining the unique value this adds to the simulator.

The total price must be a delivered price and include any set up and training necessary for the simulator to be fully operational as well as all accessories needed for a complete simulation training tool as outlined in the specifications.

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.

Award factors of this bid will be based upon the following parameters: Total Cost, Overall Simulator Capability & Realm of Usefulness, and Warranty. UNA reserves the right to choose the most responsible bidder based on all award factors equally.

Item 1: Tetherless, Wireless, Fully Responsive Full Body Birthing Simulator

Noelle S575 with Newborn HAL

Fully Responsive (even when mobile)

Tetherless with Wireless Communication

Comprehensive Performance Feedback

Full scope of delivery situations with systemic tracking of student action

Tetherless and fully responsive (even when mobile) newborn fetus

Minimum capability and features per Attachment A

Total Price: \$ _____

Estimated Delivery after Receipt of Order: _____

FOB UNIVERSITY OF NORTH ALABAMA, FLORENCE, AL 35632-0001

For any questions regarding use or needed performance of this equipment

Contact Dr. Marilynn Lee (256)765-4229; email mblee1@una.edu

For questions regarding bid submission

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

BIDDER'S NAME: _____ BY: _____

Signed by Company Representative



Bid No. 2011-10 For: Birthing Simulator

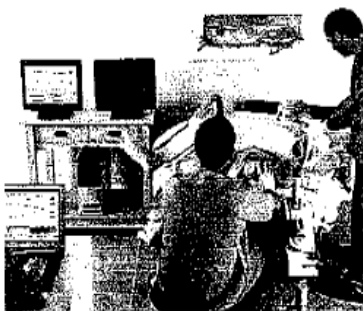
Page 8 of 10

Attachment A (3 pages)

NOELLE™ S575 is tetherless with wireless communications

Features

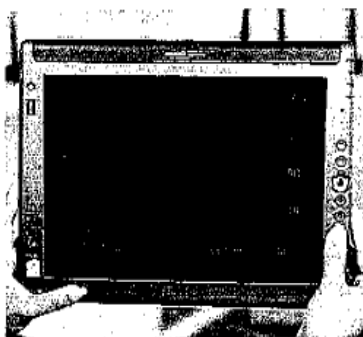
- Rush NOELLE and her newborn from an accident scene to the ER, L&D, or NICU while conditions are diagnosed and treated
- Control each at distances up to 100 meters and between rooms and floors of buildings
- Each smoothly transitions between physiologic states in response to commands from a wireless PC
- Proven wireless/tetherless technology
- Built in compressor and rechargeable power
- Wireless control and documentation
- Fully responsive during transport
- One unified programming language that is powerful yet intuitive
- Use our scenarios, modify them or create your own in minutes
- Comprehensive performance feedback
- Intubatable with breathing, pulses, ECGs, heart and lung sounds, and more
- Multiple upper airway sounds, lung and heart sounds
- Control rate and depth of respiration and observe chest rise
- Bilateral blood pressure and IV sites
- Pulse strengths vary with BP and pulses are synchronized with ECG
- Extensive library of speech
- Create physiologic states, combine them to generate scenarios, build in time delays or smooth transitions
- Evaluate up to six caregivers using a single click or by inserting notes in a real time performance log
- Performance is time stamped and can be saved for evaluation and debriefing



NOELLE smoothly transitions between physiologic states in response to commands from a wireless PC



Each delivery is precisely controlled while devices track student actions



Fixed and mobile monitors are available. Each features dynamic waveforms and wireless control

Airway

- Oral or nasal intubation
- Programmable airway
- Sensors detect depth of inhibition
- Multiple upper airway sounds synchronized with breathing

Breathing

- Control rate and depth of respiration and observe chest rise
- Ventilation is measured and logged
- Select independent left or right lung sounds
- Multiple lung sounds synchronized with breathing

Circulation and color change

- Multiple heart sounds, rates, and intensities
- Chest compressions are measured and logged
- Bilateral blood pressure and IVs
- Korotkoff sounds
- Radial, brachial and carotid pulses
- Pulses are continuous and synchronized with the ECG

Other

- Speech and convulsions
- Electrically conductive skin regions allow the use of real equipment to obtain her ECG, perform temporary pacing, cardiovert, and defibrillate
- Sensors track student actions
- Changes to NOELLE's condition and care provided are time stamped and logged for evaluation and debriefing
- Instructors evaluate caregiver interventions with a single click and insert notes on a real time performance log

BIDDER'S NAME: _____

BY: _____

Signed by Company Representative



Bid No. 2011-10 For: Birthing Simulator

Page 9 of 10

Perfect for competency based programs

NOELLE is perfect for competency based programs since each delivery can be precisely controlled while devices track student actions. The fetus may be manipulated to resolve a delivery dilemma. See instant feedback of force and torque on the fetus as well as its head position. This data is graphed and synchronized with our fetal monitor for debriefing and evaluation. The fetus is released on command after the Instructor has observed and logged required competencies. Students are then able to complete delivery.

Normal Vaginal & Instrumented Delivery

- Fetus descends and rotates internally as it moves down birth canal
- Extensible cervix dilates with catheterization and hemorrhage
- Fetal external rotation aligns shoulders with vulva
- New fetal head skin for use with most vacuum devices and forceps

Shoulder Dystosia

- Use delivery Profile Control to specify exactly when the "turtle sign" will occur and how long you allow students to deal with this dilemma
- Relieve dystocia using suprapubic pressure, McRobert's maneuver, posterior arm sweep, fetal rotation, or "elbows/knees" position

Intrapartum Modeling or Trending

- Trend vital signs; or use our physiologic model which is responsive to hypoxic events and intervention
- New "branching" scenarios

Breech and Placental deliveries

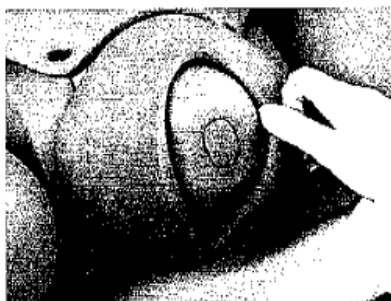
- Practice vaginal breech deliveries
- Free the legs using Pinard maneuver

C-Section

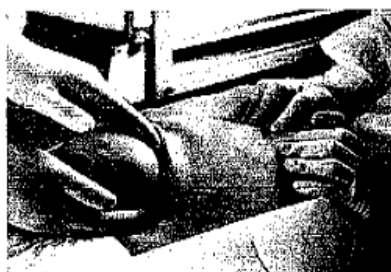
- Special abdominal cover having tissue layers students can dissect

Postpartum Activities

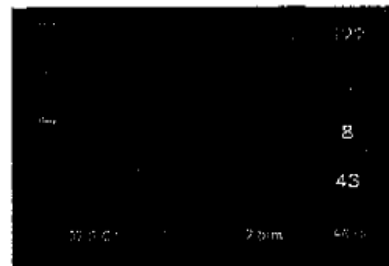
- Massage uterus to reduce bleeding
- Episiotomy repair modules
- Programmable PPH with flow from refillable tank located in thigh



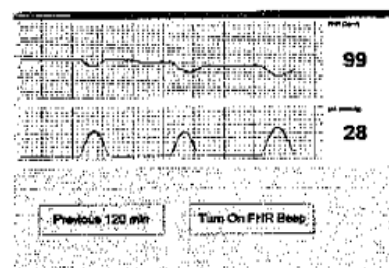
Aid delivery by rotating fetus and/or applying traction using forceps, vacuum devices, or gloved hands



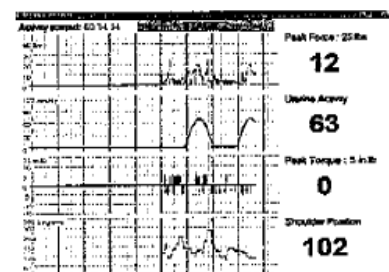
NOELLE operates using rechargeable power while she is rushed to OR for an emergency "C" section



Wirelessly control maternal monitor. File sharing provides images such as x-rays, ultrasounds, lab results or even multimedia presentations.

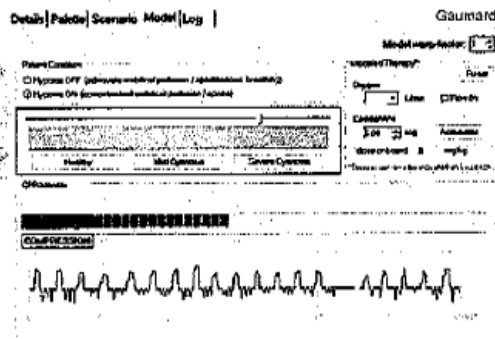
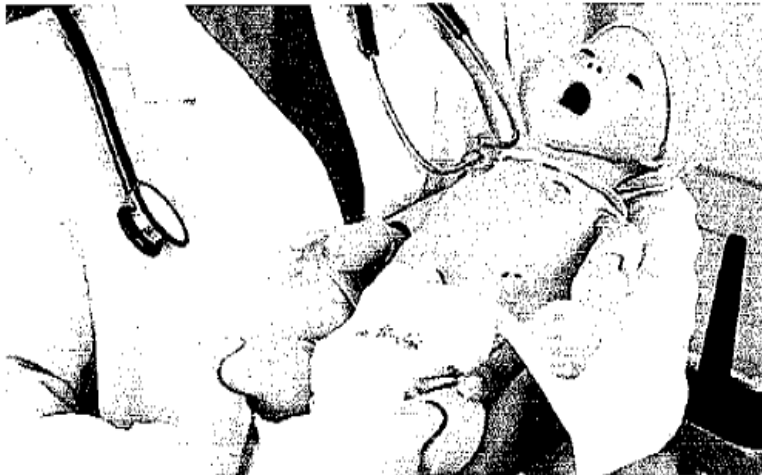


Identify fetal heart rates and patterns displayed and recorded in real or accelerated time. Evaluate fetal status and take action.



Force, torque and head position displayed during fetal manipulation

BIDDER'S NAME: _____ BY: _____
Signed by Company Representative



Color, motion and vital signs respond to hypoxic events and interventions. Great for APGAR scoring

Newborn HAL features

Airway

- Oral and nasal intubation
- Use an ET tube or LMA
- Unilateral chest rise
- Multiple upper airway sounds

Breathing

- Control rate/depth of respiration
- Ventilation is measured and logged
- Independent left and right lung sounds
- Breath sounds

Circulation and color change

- Multiple heart sounds, rates, intensities
- Chest compressions measured/logged
- Blood pressure and IV
- Color, vital signs, and motion respond to hypoxic events and interventions
- Umbilical, brachial, and scalp pulses operate continuously
- Pulse strengths vary with blood pressure and pulses are synchronized with ECG

More Newborn Features

- Crying and convulsions
- View ECGs with physiologic variations generated in real-time
- Conductive skin regions
- Apply real electrodes
- Vigorous cry synchronized breathing
- Programmable arm motion

Gaumard® Scientific
Toll Free USA 800-882-6655
Worldwide 305.971.3790
Fax 305.667.6085
Website www.gaumard.com

Simulator

- The NOELLE S575 includes NOELLE, Newborn HAL, two 17" touchscreen monitors with computer control, and two 12" touchscreen wireless tablet PCs

Control

- Change physiologic states using wireless control
- Use our scenarios or quickly build your own
- Share images such as x-rays, CT scans, lab results, or even multimedia presentations as the scenario progresses
- Sensors provide feedback on performance
- Changes in condition and care are time stamped and logged
- Instructors evaluate interventions and insert notes on real-time performance log

Accessories

- 100-240 VAC charger
- Blood pressure cuff
- Instructions
- CDROM tutorial

Other

- One year limited warranty, extended warranty to three years
- Installation and training services available
- NOELLE support personnel available weekdays 8:00 am to 7:30 pm ET