

THE UNIVERSITY OF ALABAMA

INVITATION FOR BID

T054259

FURNISH AND DELIVER AQUATIC CENTER TIMING SYSTEM

ADDENDUM # 1
3/26/15

ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

IMPORTANT: RESPONSE TO RFQ MUST BE RECEIVED BY FRIDAY, MARCH 27, 2015 @ 2:00 P.M. CST
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**Offeror must acknowledge receipt of this and any addendum as stated in the Invitation
For Bid.**

The following shall become part of the Invitation For Bid.

- 1) Section 10.4 Wireless Diving Scoring, C., f. is revised to state the following:

Wireless system shall operate in the 900MHz spectrum. The 2.4GHz spectrum will only be considered if the system will not function properly in the 900MHz spectrum. Communication will be encrypted to prevent tampering with the judging.

The IFB may be found at <http://purchasing.ua.edu/pdfs/PendingBids/T054259.pdf>.

THE UNIVERSITY OF ALABAMA

INVITATION FOR BID

ATTENTION: This is not an order. Read all instructions and terms and conditions carefully.

INVITATION NO.:	RETURN ALL COPIES OF BIDS TO:
Issue Date:	THE UNIVERSITY OF ALABAMA
Title:	PURCHASING DEPARTMENT
Buyer:	(Street Address) 1101 Jackson Ave Suite 3000
Phone:	Tuscaloosa, Alabama 35401
Email:	OR
	(Mailing Address) Box 870130
	Tuscaloosa, Alabama 35487
	PHONE: (205)348-5230 FAX: (205) 348-8706

Bid Responses may NOT be faxed or emailed.

IMPORTANT: SEALED BIDS MUST BE RECEIVED BY 03/27/2015 @ 2:00 P.M. CST TIME

Bid number and opening date must be clearly marked on the outside of all bid packages.

1. Pursuant to the provisions of the State of Alabama Competitive Bid Law, Section 41-16-20 and/or 39-2, rules and regulations adopted there under sealed bids will be received on the items noted herein by The University of Alabama Purchasing Department until the date and time stated above. In accordance with Alabama State Bid Law Section 41-16-27, where applicable, the University reserves the right to enter into negotiations within thirty (30) days of the bid opening.
2. The University's [General Terms and Conditions](#) and [Instructions to Bidders](#), apply to this Solicitation and shall become a part of any contract issued hereunder.
3. For purposes of this Solicitation, the Solicitation documents shall consist of the following components:
a) Invitation for Bid and any Addenda; b) [General Terms and Conditions](#); c) [Instructions to Bidders](#)
In the event that any provision of the component parts of the Solicitation conflicts with any provision of any other component parts, the component part first enumerated shall govern.
4. This Agreement and any disputes hereunder shall be governed by the laws of the State of Alabama without regard to conflict of law principles.

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 delivery 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 a response to this solicitation, the bidder is hereby certifying that they are in full 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 University of Alabama may declare the contract void if the certification is false.

DISCLOSURE STATEMENT

1. If you or any owner, officer, partner, board or director member, employee, or holder of more than 5% of the fair market value of your firm or any member of their households is an employee of The University of Alabama, this information must be included in your solicitation response. Failure to disclose this information in your response may result in the elimination of your proposal from evaluation.
2. If you or any owner, officer, partner, board or director member, employee, or holder of more than 5% of the fair market value of your firm or any member of their households is an employee of The University of Alabama; and you or your firm is awarded a contract as a result of this solicitation, then within ten (10) days after the contract is entered into, you agree to file a copy of that contract with the State of Alabama Ethics Commission in accordance with Code of Alabama, Section 36-25-11 and upon request by the University furnish evidence of such filing.
3. By accepting payments agreed to in any purchase order resulting from this bid, Contractor certifies that to its knowledge no University employee or official, and no family members of a University employee or official, will receive a benefit from these payments, except as has been previously disclosed, in writing, to the University on the Disclosure Statement of Relationship Between Contractors/Grantees and Employees/Officials of The University of Alabama.

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby swear (or affirm) under the penalty for false swearing as provided in Code of Alabama 6-5-180 that

1. In accordance with Code of Alabama Section 41-16-25, amended 1975 that the attached response has been arrived at independently and has been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other vendor of materials, supplies, equipment or services described in the Invitation for Bids, designed to limit independent bidding or competition;
2. The contents of the bid or bids have not been communicated by the bidder or its employees or agents to any person not an employee or agent of the bidder or its surety on any bond furnished with the bid or bids and will not be communicated to any such person prior to the official opening of the bid or bids.
3. The bidder is legally entitled to enter into contracts with The University of Alabama and is not in violation of any prohibited conflict of interest, including those prohibited by the Code of Alabama 13A-10-62, as amended 1975.
4. I have fully informed myself regarding the accuracy of the statement made above.

THIS AREA MUST BE COMPLETED

DELIVERY AFTER RECEIPT OF ORDER:	NAME OF COMPANY:	PHONE:
FEDERAL EMPLOYER ID NO.:	ADDRESS:	FAX:
PAYMENT TERMS:	ADDRESS:	E-MAIL:
SHIPPING TERMS:	CITY, STATE & ZIP CODE:	DATE:
F.O.B. DESTINATION-PREPAID AND ALLOWED		
QUOTE VALID UNTIL:	SIGNATURE:	Typed/Printed Name of Signor

SIGNATURE REQUIRED: This bid cannot be considered valid unless signed and dated by an authorized agent of the bidder. Type or print the information requested in the spaces provided.

INVITATION FOR BID

The University of Alabama requests sealed bids as per attached general and technical specifications or equal unless otherwise specified in the Special Conditions.

All Bidders submitting a bid must read all specifications carefully and respond accordingly. Failure to do so may eliminate your bid from consideration due to non-compliance.

1.0 GENERAL SPECIFICATIONS

- 1.1 Any contract resulting from this request will be made available to other eligible entities. This may include but is not limited to; The University of Alabama System, comprised of The University of Alabama; The UAB Enterprise, consisting of The University of Alabama at Birmingham, the UAB Health System and their related foundations and affiliates, and The University of Alabama in Huntsville, Huntsville, AL; and other state entities. Contracts resulting from the award of this request cover shipments by any entity listed above. Each entity will generate its own purchase orders, payments, etc. and delivery must be made according to the instructions on the purchase order.

The thrust of the contract is to obtain greater volume price discounts by combining the volume of purchases from participating entities within the State of Alabama.

- 1.2 All bid responses, technical information and any other attachments furnished to The University of Alabama in response to this request shall be submitted sealed in two formats, as an original copy (WITH SIGNATURE) and an electronic (PDF preferred) copy on a USB flash drive, unless otherwise stated.
- 1.3 The stated requirements appearing elsewhere in this solicitation shall become a part of the terms and conditions of any resulting contract. Any deviations there from must be specifically defined. If accepted by the University, the deviations shall become part of the contract, but such deviations must not be in conflict with the basic nature of this solicitation.

Note: Bidders shall not submit their standard terms and conditions or purchase order terms as exceptions to or modification of the terms and conditions of this solicitation. Each exception to or modification of a University term and condition shall be individually listed by the bidder. Failure to follow this instruction may result in the determination that a bid submission is non-responsive to a solicitation and the rejection of that bid.

- 1.4 The issuance of a University Purchase Order (P#) or a signed Contract document is required to constitute a contract between the successful Bidder and the University which shall bind the successful Bidder to furnish and deliver the commodities ordered at the prices, terms and conditions quoted and in accordance with the specifications of this Solicitation as well as the terms and conditions of the University's Purchase Order or Contract. No shipments are to be made to The University of Alabama without the issuance of a Purchase Order (P#). (Bidders are not to accept or ship items against a requisition number "R" #.)
- 1.5 Any questions concerning these specifications should be directed to the Buyer listed on the signature page.
- 1.6 No department, school or office at the University has the authority to solicit or receive official Solicitations nor authorize Solicitation or Contract changes other than the Purchasing Department. All solicitations are issued under the direct supervision of the Associate Director for Purchasing and in complete accordance with the State of Alabama Bid Law, Section 41-16-20 and University policies and procedures.
- 1.7 The terms and conditions included in this Solicitation along with any addenda, any University contract and/or University purchase order(s) issued referencing this Solicitation, the University's [General Terms and Conditions](#), [Instructions to Bidders](#) shall constitute the entire and exclusive Contract between the University and the successful Bidder.

1.8 **State of Alabama Immigration Law Compliance****Compliance Notice.**

By submitting a proposal to this RFP, a Respondent agrees that it will fully comply with the State of Alabama Immigration Law (Act 2011-535), as amended. A Respondent also shall enroll in the E-Verify Program prior to performing any work, or continuing to perform any on-going work, and shall remain enrolled throughout the entire course of its performance of the contract awarded pursuant to this RFP. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the state of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom." To the fullest extent permitted by law, the Contractor shall defend, indemnify and hold harmless the University from any and all losses, consequential damages, expenses (including but not limited to, attorneys' fees), claims, suits, liabilities, fines, penalties, and any other costs arising out of or in any way related to Contractor's failure to fulfill its obligations contained in this paragraph or contained in the Alabama Immigration Law (Act 2011-535), as amended.

State of Alabama Immigration Law (Act 2011-535)

The successful contractor will be required to provide written certification they are in compliance with Section 9 of the State of Alabama Immigration Law (Act 2011-535).
One of the two required documents must be submitted prior to issuance of a University contract or purchase order. . Please complete and submit the form or document that applies to your company.

Complete this document only, if your company is not located in Alabama and your company does not have employees or subcontractors that work in the State of Alabama.

- Certification of Compliance and affidavit forms included with this solicitation (*see Appendix – Certification of Compliance*)

Complete the E-Verify document online, if your company is located in Alabama or your company has employees working in Alabama

- Contractor's one-page E-verify Employment Eligibility Verification form (*see example included in Appendix - E-Verify*).

If you have previously enrolled in E-Verify, follow these instructions:

- Log onto www.uscis.gov/everify
- Click "Edit Company Profile" and print this one-page document.
- This one-page document must be submitted prior to a contract or purchase order being issued.

If you are not currently enrolled in E-Verify, follow these instructions:

- Log onto www.uscis.gov/everify
- Click "Enroll in E-Verify" and follow the directions to begin enrollment process.
- When enrollment process is complete, click "Edit Company Profile" and print this one-page document.
- This one-page document must be submitted prior to a contract or purchase order being issued.
- For further assistance please consult the [E-Verify Quick Reference Guide](#)

2.0 QUALIFICATIONS AND STANDARDS

Due to the importance of maintaining a safe University environment, it is imperative that the successful bidder meet certain qualifications that will guarantee The University of Alabama the successful Bidder is qualified to furnish and deliver products, equipment and services or furnish, deliver, install, service and/or repair equipment whichever is applicable as required in this Solicitation. In order for Bidders to qualify, the following requirements must be fulfilled:

- 2.1 The Bidder, if requested, must provide in writing, a statement that the Bidder has been regularly engaged in business for a minimum three (3) years engaging in furnishing, delivering, servicing, repairing and installing, equipment, goods, or services required in this Solicitation. In lieu of the minimum number of years in business, a performance bond may be required in the amount of one hundred (100%) percent of the contract price. This bond will be used to secure the completion of the project should the successful Bidder default for any reason. Failure to comply with this requirement may eliminate your bid response from consideration.
- 2.2 Each bidder required to provide a bond, shall submit a letter from a bonding agent licensed to do business in the State of Alabama stating that if the bidding company is the successful bidder, said bonding agent will furnish a 100% performance and payment bond covering and including products and service for the duration of the contract period. Said bond shall be subject to the approval and acceptance of The University of Alabama. The Letter and Bond shall be submitted to the University Purchasing Department and must be furnished within forty-eight (48) hours after request. The premium of the bond shall be paid by the successful bidder. Failure to provide the bond letter or bond will eliminate your bid from consideration in the bid award.

3.0 REFERENCES

References must include at least three (3) other universities, institutions or businesses, which the bidder has successfully provided products, services or installation of equipment similar to those required in this Solicitation in terms of manufacturer, size, features, service or type of installation. The references must include company name, address, project/delivery date, contact name, phone number, and email address.

4.0 PRODUCT SPECIFICATIONS

Specify all terms and conditions of the warranties associated with your products with your bid response.

5.0 PRICE QUOTATION

- 5.1 **IMPORTANT:** It is required that the PRICE QUOTATION SHEET(S) furnished with this Request for Price Quotation be completed and submitted with your proposal. **DO NOT** send generated price lists as your bid. Failure to comply with this request may eliminate your bid from consideration in the bid award.
- 5.2 All prices shall be quoted furnish and install (if applicable) FOB The University of Alabama, Tuscaloosa, AL 35487 prepay and allowed. Unit prices quoted must include any and all shipping and handling charges. Any freight claims will be the responsibility of the Bidder. The successful Bidder must transport at the time of set-up, the equipment and supplies necessary for this installation to campus. No direct shipments will be accepted.
- 5.3 It is the Bidder's responsibility to verify any information, measurements and obtain any clarifications prior to submitting the bid response. The University is not liable for any errors or misinterpretations made by the Bidder in response to this Solicitation.
- 5.4 The successful Bidder under the specifications required in this Solicitation shall furnish at its expense all equipment, labor, tools, supplies, transportation, insurance and other expenses necessary to fully perform any phase of the requirements of this Solicitation.
- 5.5 Quote prices firm for a period of ninety (90) days following the bid opening date unless otherwise stated in the Special Conditions. Bids that do not guarantee pricing firm for this period may be eliminated. Failure to quote the term for which your prices will remain firm may eliminate your bid from consideration.

INVITATION FOR BID

- 5.6 The quoted price must include but not be limited to all cables, wires, connectors, etc. to make a complete functioning unit unless specifically stated in the special conditions.
- 5.7 Include with your bid response complete details of your company's Return Merchandise policy, including, but not limited to, amount of any restocking fee required, procedures, limitations, contact person and phone number. While the University does not enter into any purchase with the intent to return items ordered, we do require this information be included with your bid response. Failure to include this information may be grounds for elimination of your bid from consideration.

6.0 DELIVERY, INSTALLATION AND TRAINING REQUIREMENTS

- 6.1 Proposed delivery dates shall be stated in number of calendar days after receipt of order.
- 6.2 All items must be delivered directly to the University by the successful Bidder and placed according to the instructions supplied by the University.

7.0 INSURANCE

- 7.1 See [General Terms and Conditions](#) for general Insurance Requirements, Additional Insurance requirements may be listed in the Special Conditions Section.
- 7.2 The successful Bidder shall provide the University Purchasing Department a certificate of insurance listing the required types of insurance and minimum liabilities specified in the [General Terms and Conditions](#) unless otherwise modified in the Special Conditions.
- 7.3 The certificate must be received by The University of Alabama Purchasing Department within three (3) days of request. Failure to comply with this request may eliminate your bid from consideration in the bid award.
- 7.4 The University reserves the right to terminate any resulting contract, if the Bidder fails to keep these policies in force for the above amounts or for the duration of the contract period.
- 7.5 The umbrella policy must be listed on the insurance certificate with an explanation of the coverage.

8.0 RESTRICTIONS ON COMMUNICATIONS WITH UNIVERSITY STAFF

From the issue date of this Solicitation until a Contractor is selected and a contract award is made, Bidders are not allowed to communicate about the subject of the IFB with any University administrator faculty, staff, or members of the Board of Trustees except:

- The Purchasing Department representative, any University Purchasing Official representing the University administration, or others authorized in writing by the Purchasing Office and
- University Representatives during Bidder presentations.

If violation of this provision occurs, the University reserves the right to reject the Bidder's response to this Solicitation.

9.0 SPECIAL CONDITIONS

- 9.1 The University of Alabama is requesting sealed bids to **Furnish and Deliver Aquatic Center Timing System** as per attached Technical Specifications/Quotation Sheet or equal.
- 9.2 Delivery is needed **before August 1, 2015**, and may be a criterion of bid award. Specify your earliest possible delivery after receipt of order.

WHEN THE CONTRACTOR CANNOT MEET DELIVERY REQUIREMENTS ON ANY ORDER, THE UNIVERSITY OF ALABAMA RESERVES THE RIGHT TO CONTACT THE NEXT LOWEST RESPONSIBLE BIDDER FOR AVAILABILITY.

The University reserves the right to cancel orders that are not received in the delivery time frame quoted in response to this solicitation.

- 9.3 The successful contractor will be responsible for **providing minimum 2 day training** for UA personnel responsible for operating the requested system. Training must be completed **no later than August 30, 2015** and should cover all software and equipment included in this bid.
- 9.4 In addition to training, the successful contractor is responsible for providing an **On-Site Technician** during the first Home Meet following Installation. The date of this event is to be determined and will be communicated to the contractor once the 2015-2016 swimming and diving schedule is posted.
- 9.5 **Invitation for Bid**
No. 2.0 does not apply to this solicitation
No. 3.0 is amended and the University reserves the right to require references prior to the bid award. If requested, references shall be provided within seventy-two (72) hours.
- 9.7 **Bid Award**
It is the intent of the University to award this contract to a single contractor that is deemed to be the most qualified, cost effective, responsible bidder submitting the best overall proposal. To be considered in the bid evaluation, bidders shall complete all the price quotation sheets included.
- The University reserves the right to negotiate pricing with the successful contractor, when quantities needed exceed those listed on the quotation sheets.
- 9.8 An electronic version of University's Terms and Conditions and instructions to Respondents are available through The University of Alabama website:

https://finance-estus.fa.ua.edu/financepub/procpub/Purchasing/General_Terms_and_Conditions.pdf

<https://finance-estus.fa.ua.edu/financepub/procpub/Purchasing/instructions-to-bidders.pdf>

10.0 SPECIAL CONDITIONS

10.1 DESCRIPTION

- A. Electronic timing and scoreboard system with multi-sport capability used for practice pacing and instruction, competitive swimming events, diving, water polo and synchronized swimming.
- B. Starting system integrated with electronic timing, relay judging platforms and scoreboard system.
- C. Manufacturer shall warrant the scoreboard, computer console, touchpads and starting system for two years.

10.2 CHAMPIONSHIP START SYSTEM- STANDARD (SS)

- A. A single cable from wall plate to start system shall carry signal for driving up to 20 individual block speakers, 20 individual Relay Judging Platforms with Speedlights and external strobe(s).
- B. Connecting cable will be SJ cable.
- C. System shall have the capability to use wired microphones and shall have a volume control on each microphone input.
- D. Start system shall have a sturdy all metal, non-corrosive enclosure, legs and tripod mount (TR-3)
- E. System shall have external connections for additional strobe light(s), speaker output, start output and Speedlights.
- F. The System shall run from external 12-volt/AC power adaptor and have (2) internal Gel cell batteries. The internal batteries will automatically be recharged while the starter is plugged in to the external power supply.
- G. There will be an LED warning light on the system showing when the internal batteries are starting to get low on power.
- H. Provide (10) SP-6/45 (6 watt, 45ohm) reflex corrosion-resistant speakers with cable. (one for under each starting block)
- I. Start system must be compatible with underwater speaker system (SP-UND)

10.3 TIMING SYSTEM (SYSTEM 6)

- A. Timer shall be supplied with all necessary software to time and score swimming, diving and water polo in compliance with the appropriate sanctioning body(ies) - FINA, NCAA, YMCA, and National Federation of High Schools, as well as USA Swimming, USA Diving, USA Water Polo.
- B. Timer console shall time to a user-selectable accuracy from 1 second to .001 second. It shall take starts and finishes from the near end and/or far end of the pool. It must accept inputs from the start system; touch pads, up to three manual button backup times per lane, relay judging platforms, and remote judging terminals for diving. The timer will run off of a 12 Volt power supply connected to a standard 110 VAC outlet and will automatically switch to (and display on screen) internal battery power source, in case of line power failure without affecting the continuity and accuracy of the timing system.
- C. Systems requiring use of multiple consoles or additional computers to achieve these functions are unacceptable.
- D. Timer console shall interface to single-line and multi-line scoreboard and shall post immediate results to scoreboard in "Lane" or "Place" order (user selectable). The console shall also have the capability to pull race results from memory and post those results to the scoreboard in "Lane" or "Place" order (user selectable).
- E. Timer to include internal clock calendar with self-sustaining battery to time/date stamp all results. The timer should be able to connect to a PC-style keyboard and mouse.

INVITATION FOR BID

- F. Timer must meet acceptable safety standards. Must be UL approved, other not acceptable.
- G. Timer shall utilize a 6.25" by 8.25" backlit full-color LCD screen with tiling format to display complete race status. The LCD screen shall be capable of functioning as miniature scoreboard displaying information simultaneously for all active lanes (up to twelve lanes) including lane number, current length in race or final place, split or finish time, relay judging status indicator, and backup time and backup button status.
- H. Stored split times including turning end (far end) splits shall be sent to the printer as they occur and also be stored in electronic memory during a race for later recall to facilitate meet management. Split times format to be user selectable to provide individual lap splits, cumulative splits, or both.
- I. Backup timing provides backup time via push button provided on a per lane basis should swimmer fail to trigger touch pad or touch pad fails to register. Timer to be capable of accepting up to three backup button times per lane.
- J. Meet memory stores all race results for an excess of 500 races including all split and backup times, finish times, as well as relay exchange results. Race storage retrieval should be capable of being invoked at any time. Storing race results using computers (or interface boxes), which are not safety agency approved for use specifically in an indoor swimming pool environment, are not acceptable.
- K. Relay judging automatically compares the touch pad hit of an incoming swimmer with the starting swimmer's time of departure from the optional relay-judging platform. Results display both "plus" and "minus" takeoff times and can be printed and stored in race memory.
- L. The system's Automatic Event Sequencer shall be capable of holding up to 10 event sequences for both standard and user defined. The event order will be able to be downloaded from meet management software. The desired order will be user selectable. EVENT SEQUENCES with appropriate race distance and race description for high school, college meets, and two "User Defined" meets (up to 1000 races) to permit construction of custom meets, USA Swimming, YMCA and FINA. When recalled from memory, race distance and descriptions are automatically selected for the operator.
- M. Timer shall automatically flag timing discrepancies (on the LCD screen, on the results printouts and in stored memory) greater than .30 seconds between touch pad and backup times.
- N. Timer shall have touch pad delay feature with ability to program delays from 1 to 99 seconds.
- O. Printouts shall be on a parallel printer connected to the rear panel of the timer. Printout of race results shall be switch selectable in "Lane" or "Place" or order or both. A single keystroke shall print touch pad and backup button times. Printout shall include race number, event/heat number, event description to facilitate meets, and time & date stamp for each race. The system will allow the user to select any of 8 different data to be printed. Printout of relay judging platforms to include both "plus" and "minus" takeoff times for each leg of the relay.
- P. Keyboard inserts shall permit multi-sport usage.
- Q. Keyboard shall permit single key entry of essential functions including Lane Off/On, Finish Arm, Split Arm, & Print Results to ensure speed and simplicity of operation during critical race times. Timers requiring multiple keystrokes for essential functions are unacceptable. The keyboard shall permit the operator to insert a backup time when required (edit) or to disqualify a lane (DQ), automatically posting it to the scoreboard, and provide automatic re-ranking of results. Any corrections generated by the operator (edit or disqualification) shall be clearly identified on the results printouts.
- R. The Keyboard shall permit the operator to correct for an erroneous touch by adding/subtracting a touch pad hit to correct the lengths completed. The keyboard shall not permit the operator to finish a race in any lane; timers including such a function are unacceptable because they permit the possibility of cheating.
- S. Timer Input/Output Ports must include:
 - a. Parallel port for printer interface.
 - b. 2 Serial ports (RS-232) one for meet management software interface and a second for special needs.

INVITATION FOR BID

- c. Scoreboard(s) output port.
 - d. Start/Stop end (near end) cable harness input ports for Touch pad; Button A, Button B, and Button C inputs; start signal input; and relay judging platform(s) (12 lanes).
 - e. Turning end (far end) cable harness input ports for Touch pad; Button A, Button B, and Button C inputs; start signal input; and relay judging platforms inputs (12 lanes).
 - f. External PC monitor port (VGA).
 - g. Peripherals expansion ports.
 - h. Computer communications port for future features.
 - i. External DC power port.
 - j. PC-style keyboard and mouse
- T. The timer shall be Web enabled to allow software update via the Internet.
- U. Timer software shall have the ability to adjust the intensity of LED scoreboard brightness.
- V. Printer shall be Brother laser printer or equivalent.

10.4 WIRELESS DIVING SCORING

- A. Diving Scoring System shall utilize scoreboard to display diving scores and results without modification from swimming configuration.
- B. Diving console shall:
- a. Accept 1,2,3,5,7,9 or 11 judges' input scores and compute award based upon proper formulas for the number of judges used. Console keyboard shall be operable with either remote judges' terminals or manual input of flash card scores.
 - b. Permit display of the lead diver number, current diver number, dive number, degree of difficulty, judges' scores and diver's calculated award and total score.
 - c. Permit entry of all diving data into non-volatile memory for storage or receive data from meet management computer without additional modifications. Data shall include diver number, round number, dive number, and position. Degree of difficulty shall be automatically calculated based upon dive number per current FINA/USD/NCAA/High School regulations. Dive degree of difficulty can also be manually input.
 - d. Automatically recall the diver with round number, dive number and DD using minimal keystrokes. Systems which require live entry of dive information are unacceptable.
 - e. Permit storage of diver's point totals and provide ranking of the divers at the end of each round.
 - f. Permit editing of judges' scores if required by meet officials.
 - g. Provide an output for computer data handling of diving events.
 - h. Permit two point deduction from the judges' scores and zero points for a failed dive. Such changes shall be clearly shown on the printout.
 - i. Printout shall provide preliminary data, diver ranking by rounds, and results of individual dives with judges' scores.
 - j. Judges' terminals shall be housed in sealed, water-resistant, shockproof housing. The terminals shall provide a signal to inform the judge that the diving console has requested a score. Signal shall cease when an appropriate score is transmitted. They shall also allow each judge to input a score with a minimum of keystrokes, review that score via a built-in LCD display, and correct a score if needed before transmitting to the System 6.
- C. Wireless remote judging terminal and interface shall be as follows:
- a. System will include one base station
 - 1. Can connect to System6 via USB interface
 - 2. Can connect to System5 or System6 via 5-pin DIN connection.
 - b. WJTs will operate from AA type batteries
 - 1. Minimum 2 for 6 - 8 hours of operation
 - 2. Optionally 4 for 12 - 16 hours of operation
 - c. WJT screen will provide 4 lines of 17 characters of information, including Diver Number, Dive Number, Dive Degree of difficulty, Round number and Judge number
 - d. Judges shall be able to set backlight and contrast levels of the LCD to their individual preferences, and those settings automatically saved when the WJT is turned off. Previous settings are restored when the WJT is turned back on.
 - e. WJT will have a sealed keypad and be waterproof

INVITATION FOR BID

- f. Wireless system shall operate in the 900MHz or 2.4GHz spectrum, and communications will be encrypted to prevent tampering with the judging
- g. System shall support up to 100 WJTs connected at the same time
- h. System will support a referee console
 - 1. Ability to declare Balk, Fail, Max score
 - 2. Optional, any WJT can become a Referee Console
- i. System6 shall have the ability to release WJTs from the system, view battery level and connection status. Individual WJTs also display battery level and connection status.
- j. Each WJT will have the ability to request a change of score after the score has been sent. This request is shown on the System6 and can be authorized or ignored.
- k. System currently supports .5 point scoring
- l. All devices are in-field firmware upgradeable for future enhancements
PROVIDE WIO (7) WJT

10.5 AQUAGRIP TOUCHPAD TOUCH PADS TP-78G

- A. Touchpad shall be 78 inches wide x 22 inches tall x .3 inches thick. **Provide 22 touchpads.** For on-deck system see (B) below, for in-deck systems see (C).
- B. Touchpads shall be integrated to the timing system using on-deck cabling. Touchpad connection and maintenance system for the System 6 shall be: TP-SYS-10. (Includes 1 push button per lane) Provide (2) additional push buttons per lane for backup timing.
- C. Touchpad shall be constructed of an all-plastic exterior with only the electrical connector metal exposed. Stainless steel will not be acceptable in pool environment.
- D. Touchpad shall have a uniform fine grit, non-abrasive surface that prevents swimmer slippage in any direction.
- E. Touchpad markings shall have contrasting colors with a 2" black border and black end-wall cross pattern for portion covered by touchpads.
- F. Touchpad brackets shall be custom made to fit the pool gutter system. Diagram required upon order.
- G. Touchpad caddy for storing touch pads supplied shall be (2) CAD-TP/P (60 & 78") Maximum of 10 touchpads per caddy.

10.6 RELAY JUDGING PLATFORM with SpeedLights (RJPLD-24x32)

- A. Provide (10) Relay Judging Platforms with LED SpeedLights.
- B. Platform shall electronically indicate when a swimmer has left the starting block in relation to the incoming swimmer's touch of the timing pad. Accuracy shall be 1/100th of a second.
- C. Relay Judging Platforms with speedlights shall have been tested and approved for NCAA Division I championship competitions.
- D. Platform shall have a non-skid surface to prevent swimmer slippage.
- E. Top and front surface shall be sensitive to the swimmer's push off.
- F. Each platform shall be strapped or mounted to existing or customer provided starting blocks.
- G. Platforms will come equipped with SpeedLights, LED lights that flash with the start signal for competitive swimming competitions. SpeedLights are also recommended for competitors with applicable disabilities.
- H. Relay Judging Platform must be supplied/manufactured by single source. Third party equipment will not be accepted.
- I. Quantity (1) Relay Judging Platform Storage Caddy will be provided - 10 units per rack.

10.7 ON DECK CABLING and CONNECTIONS

- A. Provide On Deck cable system to accommodate timing for (10) lanes, with connections for Touchpads, Relay Judging Platforms, and 3 backup buttons.
- B. Cable system must be a continuous cable from timer to last lane connections. Cable system must not be in the form of lane to lane junctions and extensions.
- C. Cable system must consist of cabling with permanently molded connection housing, cabling to junction boxes in any form will not be allowed.

INVITATION FOR BID

- D. Cable system connection junctions housing shall be constructed of molded Polyvinyl Chloride (PVC) thermoplastic, acrylonitrile butadiene styrene (ABS) is not an acceptable material for a pool environment.
- E. Cable system connections are to be in the form of (2) cable system for Touchpad and backup button A, (2) cable system for backup buttons B and C, (1) cable system for SpeedLight connections, and (1) cable system for lane speakers.

10.8 PROVIDE 10 Backstroke Start Device, Part Number 143081

- A. The Backstroke Start Device shall provide swimmers with an automatically retracting foot wedge to be used to aide backstroke starts. The backstroke start device shall offer multiple anchoring options to accommodate a variety of deck and block profiles.
- B. Structure - The backstroke start device frame shall be fabricated from 12 ga 304L stainless steel material. This frame shall provide the structure for the multiple anchoring options of the unit. The frame shall contain the strap and retraction systems of the device.
- C. Wedge - The wedge shall be constructed of an injection molded glass reinforced polypropylene copolymer. The wedge shall have the following dimensions: 8cm height 2cm width at the bottom edge 10° sloping face and 0.5cm radius along the upper edge. The wedge shall have a molded non slip surface for contact with the swimmers feet. This surface shall be easy to clean.
- D. Cover - The internal workings of the unit shall be enclosed by a molded acrylic polyvinyl chloride. The cover material shall be UV resistant.
- E. Mounting System - Each Backstroke Start Device shall include a standard strap mounting plate and straps. This attachment shall accommodate mounting in standard single and dual post starting platforms with a setback up to 36".
- F. Retraction System - The backstroke start device shall retract the wedge from the pool upon the swimmer's start. The device shall have a ratchet system preventing unintentional downward displacement of the wedge during the swimmers start.

For additional product specifications, please visit <http://www.coloradotime.com/>

INVITATION FOR BID

11.0 QUOTE SHEET: QUOTE ON THE FOLLOWING ITEMS AS INDICATED OR EQUAL

SCOPE: THE UNIVERSITY OF ALABAMA REQUESTS SEALED BIDS TO FURNISH AND DELIVER AQUATIC CENTER TIMING SYSTEM AS PER ATTACHED GENERAL AND TECHNICAL SPECIFICATIONS OR EQUAL.

IMPORTANT NOTES:

- 11.1 The manufacturer and product number for each item that you are quoting must be completed for your bid to receive consideration.
- 11.2 INCLUDE PRODUCT/TECHNICAL SPECIFICATIONS FOR YOUR BID TO RECEIVE CONSIDERATION IF YOU ARE SUBMITTING AN ALTERNATE PRODUCT.
- 11.3 All items must be fully warranted for a minimum period of the specified manufacturer's warranty. Service or replacements of any defective items are to be provided by the successful contractor at no charge to the University during the period of guarantee.
- 11.4 THE UNIT COST OF EACH ITEM must include any shipping, handling and delivery charges. Do NOT list shipping, handling or delivery as a separate charge. QUOTE FOB THE UNIVERSITY OF ALABAMA, TUSCALOOSA, AL 35487.

Group 1: Timing System

ITEM NO.	APPROX. QTY.	DESCRIPTION	UNIT COST	TOTAL COST
1.	1	SYS6 SYSTEM 6 SPORTS TIMER	\$ _____	\$ _____

Includes

Hardware:

- Multi-sport Computer Console
- Swim Keyboard Insert
- Swimming and Diving Software
- Backlit Full-Color 10.4" LCD Display
- USB Drive for Software Upgrades
- Unlimited Race Storage
- External Mouse & Keyboard Port
- Back – Up Rechargeable System
- Built-in Start Input

Software:

- Swimming & Diving Software
- Stored Lap & Cumulative Splits
- Display of Lap & Cumulative Splits to Matrix Displays
- 12 Lane Competitive Timing
- Back-Up Timing (Software Only)
- Unlimited "Meet Memory"
- Relay Judging Software
- Direct Scoreboard Use

Manufacturer _____ Model # _____

2.	1	SYS6 – PC PACE CLOCK SOFTWARE WITH OVERLAY FOR THE SYSTEM 6	\$ _____	\$ _____
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Manufacturer _____ Model # _____

INVITATION FOR BID

Group 2: 10 Lane Touchpad System

ITEM NO.	APPROX. QTY.	DESCRIPTION	UNIT COST	TOTAL COST
1.	1	TP-SYS-10 TEN-LANE TOUCHPAD SYSTEM FOR THE CTS TIMING SYTEM	\$_____	\$_____

Includes

- Primary 10 Lane Cable Harness (CH41-10)
- Eleven (11) Pushbuttons (PB-6)
- Vacuum Pump (VP-2)
- Touchpad Meter (TPMD)

Manufacturer _____ Model # _____

Group 3: Cable Harness

1.	1	CH41-10 TEN LANE CABLE HARNESS	\$_____	\$_____
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Manufacturer _____ Model # _____

2.	2	CH41-10-3 BACKUP TEN LANE CABLE HARNESS (Buttons B & C)	\$_____	\$_____
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Manufacturer _____ Model # _____

3.	1	CHE-41-50M CABLE, Y-EXTENSION, 50M	\$_____	\$_____
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Manufacturer _____ Model # _____

Group 4: Timing Accessories

1.	30	PB-6 ADDITIONAL PUSH-BUTTONS FOR LANE TIMING	\$_____	\$_____
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Manufacturer _____ Model # _____

Group 5: Touchpads, Brackets & Caddies

1.	22	TP-78G AQUAGRIP GUTTERHUNG TOUCHPADS (78"x 22") US PATENT 5,702,799	\$_____	\$_____
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Manufacturer _____ Model # _____

2.	18	4000-0040 SPECIAL SIZE TOUCHPAD BRACKETS	\$_____	\$_____
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Manufacturer _____ Model # _____

INVITATION FOR BID

ITEM NO.	APPROX. QTY.	DESCRIPTION	UNIT COST	TOTAL COST
3.	2	CAD-TP/P TOUCHPAD CADDY FOR GUTTERHUNG TOUCHPAD <i>Holds up to ten touchpads</i>	\$_____	\$_____
		Manufacturer _____ Model # _____		

Group 6: Start System & Accessories

1.	1	SS CHAMPION SERIES START SYSTEM	\$_____	\$_____
		<u>Includes</u> <ul style="list-style-type: none"> • Wired Microphone • Volume Controls on Each Microphone Input • External Connections for Additional Strobe Lights • LED Battery Indication Light • AC/DC Power Capabilities • External 360° Strobe • Tripod or Table top Options 		
		Manufacturer _____ Model # _____		
2.	1	TR-3 TRIPOD FOR CHAMP AND INFINITY SERIES START SYSTEMS	\$_____	\$_____
		Manufacturer _____ Model # _____		
3.	1	SJ-25 25' FOOT JUMPER CABLE FOR CHAMP START SYSTEM	\$_____	\$_____
		Manufacturer _____ Model # _____		
4.	1	LS40-10 TEN-LANE SPEAKER HARNESS WITH SPEAKER INPUTS	\$_____	\$_____
		Manufacturer _____ Model # _____		
5.	10	SP-6/45 6 WATT INDIVIDUAL BLOCK SPEAKER	\$_____	\$_____
		Manufacturer _____ Model # _____		

Group 7: ACCESSORIES

1.	10	143081-C BACKSTROKE START DEVICE WITH ATTACHMENT STRAP	\$_____	\$_____
		Manufacturer _____ Model # _____		

INVITATION FOR BID

ITEM NO.	APPROX. QTY.	DESCRIPTION	UNIT COST	TOTAL COST
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Group 8: Relay Judging Platform & Caddy

1.	10	RJPLD - 24x32 CTS RELAY JUDGING PLATFORM 24" x 32" WITH BUILT IN LED LIGHT FOR START REACTION	\$_____	\$_____
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Manufacturer _____ Model # _____

2.	1	CAD-RJPL-2 CADDY – 24" WIDTH RELAY JUDGING PLATFORMS HOLDS TEN (10)	\$_____	\$_____
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Manufacturer _____ Model # _____

Group 9: Wireless Diving

1.	1	WIO - 003 WIRELESS DIVING INTERFACE BOX	\$_____	\$_____
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Manufacturer _____ Model # _____

2.	7	WJT-003 REMOTE JUDGING TERMINALS	\$_____	\$_____
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Manufacturer _____ Model # _____

GRAND TOTAL: \$ _____

NOTE: WARRANTY on Equipment quoted: **attach additional pages if necessary*

Group 10: Training

1. A 2 day Training on software and equipment is required after installation and before August 30, 2015.

If not included in overall cost, please state Total Training Cost: \$_____

2. Per section 9.4 of Invitation to bid, an On-Site Technician is requested for the First Home Meet?

If not included in overall cost, please state Total Training Cost: \$_____

INVITATION FOR BID

Group 11: General

1. **Delivery is required no later than August 1, 2015. Can you meet this requirement?** Y _____ N _____
2. **Prompt Payment Discount** _____ % **NET** _____ **DAYS**
3. **Contact Person Email:** _____ **Phone:** _____
4. **Web Address:** _____

THE UNIVERSITY OF ALABAMA

CERTIFICATION OF COMPLIANCE WITH THE STATE OF ALABAMA IMMIGRATION LAW

The undersigned officer of _____ (Company)
certifies to the Board of Trustees of the University of Alabama that the Company
does not employ an individual or individuals within the State of Alabama.

SIGNATURE OF COMPANY OFFICER

PRINT COMPANY NAME

PRINT NAME OF COMPANY OFFICER

PRINT TITLE OF COMPANY OFFICER

DATE

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Company Information

Company Name:[View/Edit](#)**Company ID Number:****Doing Business As (DBA)
Name:****DUNS Number:****Physical Location:****Address 1:****Address 2:****City:****State:****Zip Code:****County:****Mailing Address:****Address 1:****Address 2:****City:****State:****Zip Code:****Additional Information:****Employer Identification Number:****Total Number of Employees:****Parent Organization:****Administrator:****Organization Designation:****Employer Category:****Federal Contractor Category:****Employees being verified:****NAICS Code:**[View/Edit](#)**Total Hiring Sites:**[View/Edit](#)**Total Points of Contact:**[View/Edit](#)[View MOU](#)



DISCLOSURE STATEMENT

1. Contract/Purchase Order No. _____
2. Name of Contract/Grantee: _____
Address: _____

Telephone: _____
Fax: _____
3. Nature of Contract/Grant: _____

4. Does the contractor/grantee have any relationships with any 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? If so, please state the names, relationships, and nature of the benefit.

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

This Disclosure Form will be available for public inspection upon request.

The above information is true and accurate, to the best of my knowledge.

Signature of Authorized Agent of Contractor/Grantee

Date: _____

RETURN FORM TO: The University of Alabama
Purchasing Dept.
Box 870130
Tuscaloosa, AL 35487-0130
Ph: (205) 348-5230
Fax: (205) 348-8706
www.purchasing.ua.edu