

# Specifications

1. **Overview / Scope:** Department of General Services (DGS) will be ordering various Track and Field equipment to be delivered to and installed at Lincoln University 1570 Baltimore Pike, Lincoln University PA, 19352. All shipping and installation charges must be factored into the unit cost of the item(s). All Bid pricing should be a unit price for one unit.
2. **Eligibility:** To be eligible for award, a bidder must comply with the following:
  - A. bidder must be the manufacturer of the products being offered, or be an authorized representative reseller or distributor of the manufacturer's products
  - B. Bids must be received on time and completed in its entirety
  - C. Pursuant to Executive Order 2021-06, *Worker Protection and Investment* (October 21, 2021), the Commonwealth is responsible for ensuring that every Pennsylvania worker has a safe and healthy work environment and the protections afforded them through labor laws. To that end, contractors and grantees of the Commonwealth must certify that they are in compliance with all applicable Pennsylvania state labor and workforce safety laws. Such certification shall be made through the Worker Protection and Investment Certification Form (BOP-2201) and submitted with the bid, proposal or quote.
3. **Method of Award:** An award will be made to the single lowest responsive, and responsible bidder.
4. **Documents to be returned with bid:**
  - A. Cover letter with contact information of Representative with knowledge of this procurement
  - B. Documentation of equipment being proposed with specifications such as owner's manual
  - C. BOP-2201 Worker Protection Contractor Grantee Notice
  - D. Lobbying Certification and Disclosure Form
  - E. Reciprocal Limitations Form
5. **Specification:**
  - A. Products shall meet the minimum requirements for each product as described below, **unless noted otherwise in product description.**
  - B. Color and/or fabric options shall be negotiated with the awarded supplier.
  - C. Supplier shall honor all manufacturers' warranties.
  - D. All items provided resulting from this IFB shall be NEW, and not demonstrator, rebuilt, reconditioned, refurbished, remanufactured, or used in anyway.
  - E. Quantities listed are estimated. Each piece of equipment must possess the features listed to follow the program curriculum at Lincoln University:

## **Portable digital scoreboards (video boards) (Quantity 1)**

- A. Display Video board, 1-sided display screen for results broadcasting, running times, athlete event info, and custom text from any HDMI connected source like a laptop or netbook, with a sturdy, weatherproof stand **Quantity: (3) three.**
- B. Display Video board, 2-sided display (combination of two LED panels acceptable) with a sturdy, weatherproof stand and is an ideal finish line display for live running times and race results. The 2-

sided display must also have capability to connect directly to timing system package cameras to show live race data and images. Must display at least 3 lines of stadium readable results. **Quantity: (2) two.**

1. Screen size: minimum size: 83"W x 58"H x 24"D, with visibility of up to 400 feet.
2. Control screen through use of a HDMI adapter
3. Screens must have multi-functional capabilities that allow for use as a video screen, coaching tool, advertising platform, broadcasting results
4. Mirror screen from another source using a HDMI adapter (with mirroring capabilities that are reflective in displaying track & field results)
5. Fully portable, heavy duty frame/stand to hold screens
6. Lockable in place, flat-free wheels (2 fixed and 2 swivel)
7. Anchor kit must be included
8. Weather cover must be included

### **Digital Photofinish Timing system (Quantity 1)**

Package must include a minimum of (2) two 2,000 fps cameras to capture full-color photo finish images from both sides of the finish line. The package must also include at least (1) one full frame video camera to produce head-on video that is time-synchronized with results.

- Primary Camera: 2,000 fps x 1280 pixels, color images, timer-enabled, easy to align. Low light amplification, Internal Battery Pack, Internal Camera Level, Electronic Filter, C-Mount f1.2, 8-48mm Motorized Zoom Lens (x2)
- Second Camera: 2,000 fps x 1280, pixels, color images, easy to align, high-resolution,
- Full-Frame Video Camera (minimum 30 fps, 720p)
- Wind Gauge (WA compliant) for automatic wind reading data import
- Wired/wireless network adapter with external battery pack
- 9-Digit Alphanumeric LED Display
- Motorized remote Lens & Remote Camera Positioner (x2)
- Wireless Start (Receiver & Transmitter)
- Power, Ethernet, & Start Cable Set
- Power-over-Ethernet network switch
- Tripod & Mounting Hardware for precise adjustment, professional tripod with 3m+ elevated mounting
- Built-in interface to scoreboards and wind gauges
- Full-Access to Technical Support, renewable warranty, photo finish software
- Network COM Port Plug-in, Automatic Capture Mode (ACM) Wireless Start Plugin
- Water-Resistant Housing
- Custom Finish Carrying Case
- Portable scoreboard interface capability for display of running time & results
- Auto capture & virtual photo eye plug-in
- Display (Infield video)
- Video display module (VDM)
- Result software license

**Questions / Inquiries:**

All questions about this IFB must be submitted by email to Chasity Beward at [cbeward@pa.gov](mailto:cbeward@pa.gov). Questions must be submitted no later than seven (7) days prior to bid closing. Questions submitted by any other means will not be accepted.