

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:

Hurdle Package,90 Degree College Hurdle meets all NCAA & NHFS Specifications (Quantity 80 total)

- 90-degree polycarbonate hurdle customization with school colors
- College 90degree hurdles are 33-37" wide by 26" deep
- Push button notches with height adjustments to 30"/33"/36"/39"/42"
- Double web Lexan board-standard 41" width with full color digital printing
- UV stabilized polycarbonate risers are scratch resistant
- Center weighted
- Engineered aluminum frame provides maximum strength
- Flat base, stabilizer bar & reinforced post welded into a 3-way hurdle frame
- Self-adjusting weights

- Risers are scratch & fade resistant
- Meets all NCAA specifications
- 20-year warranty excludes board and risers
- Hurdle Board Customization
 - o Full color digital printing on all sides of hurdle board
 - o No. 242 Lincoln University Orange
 - o Stripes Medium Lincoln University Blue

Aluminum Curb (Quantity 1900 linear feet)

- Structural Aluminum tubing is pre-bent to reduce stress on track surface with positioning studs
- Precision machined interlocking joints (no hardware connectors) between 20' sections allow for expansion & contraction
- Aluminum curb is mill finished
- Welded aluminum drain pads raise curb 1/2" off of the track to allow for drainage
- 2" square curbing with 1/2" rounded corners
- Drain pads sit on 3/4" diameter ground sleeve
- 1900 linear feet consists of the standard for 400-meter tracking: Straight sections, Curved 400 meter sections, Curved water jump sections, Straight water jump sections
- The interlocking design of the curbing allows for minimal amount of positioning studs to be used
- 10-year warranty

Steeplechase Hurdles (set of 4) (Quantity 1)

- Adjustable height to 30" and 36"
- Pivoting device makes it possible for single person to raise and lower cross bar
- All white 1" thick Nuron layer encases a 3 x 4" structural aluminum extrusion
- No rust aluminum with a primer and a hard enamel finish coat
- Bottom bar locks the braced legs together to stabilize and secure for hard use
- Set of 4 must include one 5-meter hurdle & three 4-meter 3 x 4" wide hurdles
- Thru bolts permanently attach cross bar rather than lag bolts
- 10-year warranty excluding boards

Adjustable Water Jump Hurdle (Quantity 1)

- Adjustable water jump hurdle with included barrier which measures, 18" high x 10'-10 3/4" wide
- Aluminum banner is attached 5/16" x -18 x 1" carriage bolts and 5/16" – wiz lock nuts
- Telescoping post: 2.875" o.d. x .203" wall x 58-3/8" long 6061T6 aluminum tube attached to a 3.125" wide x 8" long 6061T6 aluminum tube pivoting mount plate
- Telescoping post assembly with heavy-wall 4" square aluminum posts inserted into ground sleeves
- Crossbar 5" square x 13'5" long Nuron Board a 3" x 4" .188" wall structural aluminum inner beam
- Nuron crossbar shell design allows for economic replacement of worn water jump hurdle crossbar 5" square by 13'5" long Nuron board with 3" x 4" x .188 wall structural inner beam
- Outer upright 4" sq.x.125 wall x 56-5/8" 6061T6 aluminum tubes with rounded corner
- Aluminum Barrier 21" High X 12" X 8 1/2" wide
- Pivoting mount plate 3 1/8" wide long, 6061T6 aluminum channel

- Telescoping post 2.875" o.d. x .203" wall x 58-3/8" l-13 x 5" g. 6061T6 aluminum tube
- Stop bolt 1/2"-13 X 5" steel hex bolt, plated
- Thru bolts attach to crossbar frame: ground sleeves and caps
- Adjustable uprights secured with 1/2" dia. X 5" long clevis pin with lanyard
- Adjustable water jump hurdle with pivot allows single person to raise and lower the cross bar to the 30" and 36" heights
- 10-year warranty excludes boards
- Water Jump Hurdle Customization
 - o Number 242 Lincoln University Orange
 - o Medium Lincoln University Blue

NCAA College Standards Pole Vault Package (Quantity 1)

- College pole vault standards package meets and exceeds all NHFS, NCAA & IAFF rules and specifications. Product consists of the following components-
- Pole vault landing pad w/2" skirted top pad and breather pad
- Pole vault landing pad meets and exceeds all NHFS, NCAA, rules & specifications
- Overall assembled system measures 32" x 21'6" wide and 24'0" deep
- Base landing pad units include foam types 18120 (18#-1.1 density) 33120 (33#-1.2 density) and 10130 (40#-1.3 density) complies with ASTM F162-02 standard specifications for pole vault landing systems; system includes –
 - o (7) base unites: three (3) rear base units comprised of a four (4) layer cross pattern foam assembly, two (2) front unites, each 30" -18 x 6'6" x 8' x 3"; and two (2) front units each 18" x 4' x 6" x 9' -7", all are solid foam construction
- Base unit encasements in heavy duty vinyl
 - o 18oz. double knife vinyl sides (color gray), 22oz. double knife – coated vinyl bottom (color black), Vinyl coated mesh top w/double welded and quad stitched seams (color grey), Each unit includes heavy duty zipper for foam insertion, Box-tacked heavy duty nylon web buckling system w/military - spec Velcro, Box tacked heavy duty nylon handles, military-spec O-rings w/box-tacked heavy duty nylon web strap
- One (1) Skirted Breather Cover with 2" – Top Pad
 - o Must encase entire system w/vinyl coated mesh top double welded and quad stitched seams (color as specified) with Additional 2" thick solid foam pad and skirted 18oz double knife-coated vinyl sides color as specified), Top pad includes heavy duty zipper surrounded for foam insertion, Box-tacked strap w/military – spec snap hooks for easy attachment
- Two side pads
 - o Sloped solid foam unites encased in 18oz double knife-coated vinyl (color as specified), Box-tacked heavy duty nylon buckling system with military spec. Velcro, pads surround pole vault standards
- Vault safety box collar
 - o 4" thick solid foam collar encased in 18oz. double knife-coated vinyl (color yellow), two (2) sewn on vinyl flaps w/male Velcro, box-tacked strap w/military-spec snap hooks for easy attachment to front base units, two (2) strips of female style Velcro w/adhesive back to attach to vault box (warning label on all units)
- Weather Cover
 - o One (1) weather cover 22oz, double knife-coated vinyl (standard grey), box-tacked heavy duty nylon web strap w/military – spec snap hooks for easy attachment.
- One Pair Pole vault standards (Collegiate Model, NCAA)
 - o Pole vault standards meet and exceed all NCAA rule specifications
- Standard Upright

- Made of a custom heavy-wall 12" long aluminum extrusion with and welded mounting plate with dual reinforcements
- Standard Adjustment Post
 - Made of a 1-3/4" rd. heavy wall aluminum tube with a pre-attached adjustment body coated
- Adjustment Body
 - Made of custom heavy-wall aluminum extrusion vinyl coated black with ergonomic star pattern rubber coated adjustment knob
- Adjustment Knob
 - Adjusts between 7'-0" (2.13 meters) and 21'-0" (6.4 meters)
- Decal Scale via Offset Arm
 - Made of 1-1/4" diameter heavy-wall aluminum powder coated safety yellow with four (4) crossbar locator pins made of 1/2" diameter aluminum spaced 12: on center
- Adjustment Bases
 - Made of 1/4" HRS powder-coated dark grey with high performance TM base wheels and 1/2" stainless steel axels
- Aluminum Runway Frame
 - With cross bar locator scale are made of custom aluminum extrusion 22" wide by 52: long with 1/4" thick welded mounting straps. Frame to be anchored per NCAA specifications to a concrete pad via provided mounting hardware. All assembled hardware in stainless steel
- Pole vault standards must come with lifetime warranty

NCAA High Jump Package with 2" Top Pad (Quantity 1)

- High Jump Landing Pad
 - Meets and exceeds all NHFS, NCAA, and IAFF rules and specifications, construction system must include base unit encasements. Overall assembled system measures 28" high x 18'-0" wide x 10' – 0" deep
- Base Units
 - Include foam types 21120 (#21-1.2 density), 33120 (33#-1.2 density), 40130 (40#-1.3 density): system includes three (3) base unit assemblies: one (1) center base unit 26"x6'x10': two (2) side units with cutouts each 26" x 6' x 10', all units are comprised of a four (4) layer cross pattern foam assembly construction; system must include base unit encasements
- Base Unit Encasements
 - Heavy duty vinyl: 18oz double knife-coated vinyl sides (color grey), 22oz double knife-coated vinyl bottom (color black), vinyl coated mesh top with double welded and quad stitched seams (color grey), each unit includes heavy duty zipper surround for foam insertion, box-tacked heavy duty nylon web buckling system with military -spec Velcro, box-tacked heavy duty nylon handles, military O-rings with box-tacked heavy duty nylon web strap
- Skirted Top pad
 - To encase entire system with vinyl-coated mesh top double welded and quad stitched seams (color as specified with additional 2" thick solid foam pad and skirted 18oz double knife-coated vinyl sides (color as specified) top pad includes heavy duty zipper surround for foam insertion, box-tacked strap with military-spec snap hooks for easy attachment.
- Warning labels on all units
- One (1) Grey weather cover
 - 22 oz double knife coated vinyl (standard color grey), box-tacked heavy duty nylon web strap with military-spec snap hooks for easy attachment to be used with the landing pad
- High jump standards

- Inner tube and pad assembly with aluminum outer tube, adjustable cast aluminum slider with tightening knob. English and metric scales indicate 3' to 9' height adjustments, powder-coated low profile steel bases mounted on rollaway wheels.

10 Track Starting Blocks and Cart Package (Quantity 1)

- Track starting blocks
 - 100% stainless steel uni-body rail and foot pedals engineered for stability
 - Stainless steel base 36" L x 3 1/2" wide with stainless steel pedals with attached rubber pads
 - 3/8" pyramid track spikes for extra traction at 3 locations, adjustable knob, and slider
 - Friction free Teflon glider allows instant and effortless foot pedal adjustment
 - Adjustable knob and slider
 - Pedals adjust to 4 different angles-up to 20 different settings for each pedal
 - Unique spike pattern grips track better to give sprinters a full benefit of rock-solid start
 - Warranty 10 years
- Aluminum Block Cart
 - Overall dimensions 5'11" – 1/8" W x 45" H x 24-5/8" D
 - All aluminum frame slotted every 12" for 10 starting blocks, 1 1/2" diameter by 35 1/2" L
 - Aluminum tube handle
 - 8" semi-pneumatic wheels

Portable Quick-score smart Scoreboard with cart (Quantity 1)

Items shall function in conjunction with items 10,11,12,13,14,15

- 100.8" wide x 50.4" H with visibility of <400 feet
- Control screen through use of the quick-score HDMI adapter
- Multi-functional capabilities allow for use as a video screen, coaching tool, advertising platform
- Mirror screen from another source using a Quickscore HDMI adapter
- Fully portable, 4" sq. heavy-wall welded aluminum display frame
- Lockable, flat-free foam filled wheels (2 fixed and 2 swivel)
- Anchor kit must be included
- Weather cover must be included

Elevated Multi-purpose portable elevated press box with storage and accessories (Quantity 1)

- Fully TIG welded aluminum with 5' high aluminum platform. All – weather frame is durable and manufactured with structural mill finished aluminum
- Enclosed lockable storage compartment for extra-on field storage (over 160 cubic feet) is underneath the elevated scorer's platform
- Nominal measurements are 11' H x 7' W x 11' L
- 8' viewing height
- The surrounded is completely TIG welded with aluminum railing with 1-1/4" round aluminum spindles. Spindles are spaced at 3 1/2" on center and meets the IBC codes
- The press box seats five to six people comfortably with anodized aluminum bench seat and backrest
- Inside clearance is 6'2"
- Anodized bench seat and back rest slide forward and back, seat is attached permanently to the unit
- Anodized bench seat slides forward and back for easy access to the 18" deep scorer's table
- Safety features include fluted flooring for traction and ladder steps with safety handle
- 10-year warranty
- Wheel kit

- Provides that the unit is fully portable and comes with four (4) 16" diameter flat-free foam filled pneumatic wheel casters (two fixed and two swivel) with locking brakes.
- 10-year warranty
- Aluminum Powder – coated top canopy
 - Provides protection from the weather elements and is finished with a powder coated (specified color)
 - Tig Welded Aluminum Canopy
 - 10-year warranty
- Aluminum Tabletop
 - 18" x 10' all aluminum structural frame tabletop provides space for laptops and scorer's equipment
 - Powder coated, heavy-wall and rounded corners completely TIG welded sections/tabletop in specified color
 - 10-year warranty
- Aluminum Front Banner with Customized school logo/name/colors
 - 10-year warranty
- Power conduit /4'surge/USB (2) holes (3)

Player's Portable Sideline Bench Shelter with Wheels (Quantity 3)

Items Must function in conjunction with items 10,11,12,13,14,15

- Over all dimensions 120 ¼" long x 84" wide x 84 ¾" high
- All aluminum mill finish welded side frames and supports, supports are 4" square
- Anodized bench plan seat and seat plan is 90" long x 11 1/2" deep/front and back of shelter
- Side plank seating area is 36" x 11 ½" deep both sides
- Height of seat is 18 3/8" on all 4 sides
- Back rest planking length is 57 ½", is angled and on two sides
- Aluminum powder-coated top canopy provides protection from the weather elements and is finished with a powder coated finish (specified color)
- 10" pneumatic swivel caster wheel, total wheel height is 12 ½"
- Minimum 10-year warranty

Questions / Inquiries:

All questions about this IFB must be submitted by email to Chasity Beward at 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.