



**Addendum No. 1**

**Project:** IU 20250110 - SB000A SITE - CREATION OF STUDENT RECREATION COURTS      **Date:** May 06, 2026

**To:** All Contractors and Sub-Contractors bidding on the above Project

**From:** Magdalena Aravena, PLA

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This Addendum forms a part of the contract documents. This Addendum is issued to clarify, expand, explain, supplement or supplant drawings and specifications. The items referred to in this Addendum are to govern in the work unless otherwise altered or revised by subsequent Addenda.

The following changes and/or additions shall be made to the contract drawings and specifications on the above-named Project and shall be considered a part thereof.

This addendum shall be listed on the bid form to acknowledge receipt and inclusion in the proposal amount.

**SPECIFICATIONS**

**Project Specifications**

See the attached Project Specifications for technical information needed for the project scope.

## PROJECT SPECIFICATIONS

### GENERAL

#### Work Included

The work under each item shall include all labor, materials, tools, equipment, supplies, cost of insurance and bonds, other miscellaneous costs, together with all of the work specifically described under each item and other work necessary to complete the project in accordance with the obvious or expressed intent of the Contract Documents.

#### Obligations

The contractor is obligated under this contract to construct the improvements as contemplated and proposed in the contract Documents. The contractor is further obligated to make any and all changes in the work as ordered by the Engineer and approved by the Owner. All work shall be done for the unit or lump sum prices bid and shall be subject to additional payments or credits as authorized in writing by the Owner.

#### Payment

The lump sum prices as bid to be paid for the respective pay items shall be considered payment in full for the completion of all work specified under each item, complete and ready for use, including testing as shown on the plans and as specified. Payments made under each item will compensate for all such work that is not specifically included under any other item.

#### 1. **PERMITS**

- A. Contractor is to acquire all necessary local construction permits and approvals prior to beginning construction. Permit fees are the responsibility of the contractor and should be included in the bid.

#### 2. **CONTROL OF WORK**

- A. Construction Engineering - The contractor shall provide all the necessary, qualified personnel, equipment and supplies to perform all construction engineering and construction surveying required to complete this work.
- B. The Contractor shall request location of underground utilities before starting any work.
- C. The Contractor shall coordinate with utilities within the project limits for the scheduling of all utility work with the utility contractor for the
- D. Engineer shall visually approve construction staking prior to construction of pavement.

#### 3. **CONSTRUCTION SCHEDULE**

- A. Contractor shall submit a construction schedule within **12 days of notice of intent to award**. At a minimum, this schedule shall have Contract Notice to Proceed date, all project milestones and the general Work activities required

to construct the project shown in a logical sequence. The activities shall show the various dependencies and relationships between each activity(s), along with the estimated start dates, finish dates, durations, cost value, and the critical path of the construction of the project.

- B. The Engineer will schedule and conduct a Preconstruction Meeting to commence development of the project.
- C. An updated schedule shall be submitted at each progress meeting.
- D. The Contractor shall base his schedule on his subcontractor(s) and supplier(s) schedules.
- E. In the event the updated schedule indicates that construction is proceeding beyond any established contract dates, durations or milestones, as may have been modified by an approved change order, the Contractor shall, at no additional cost to the Owner, take any and all steps necessary to ensure compliance with any contract date, duration, or milestone. Such steps may include, but are not limited to, providing additional labor, materials and/or equipment, longer working hours and/or additional shifts, or revising, with the approval of the Engineer, the proposed sequence of Work activities. These steps shall be reflected on each subsequently updated schedule.
- F. Failure to provide the schedule at each progress meeting shall permit the Owner to withhold all outstanding progress payments until such time as the appropriate schedules are submitted to the satisfaction of the Engineer and may be deemed by the Owner as the basis of Contract default by the Contractor without further justification.

#### **4. PROGRESS MEETINGS**

- A. A pre-construction meeting will be held to discuss the expectations of the contractor and scope of work. The general contractor project manager, field superintendent, subcontractor representatives, Owner, and Engineer shall be present at the meeting. The Contractor shall bring to the meeting an updated project schedule, schedule of values, and list of submittals and expected dates for submitting to the Engineer.
- B. Progress meetings will be held every other week or as needed at a time agreed upon by Owner, Engineer, and Contractor during the Pre-Construction meeting. Contractor shall bring an updated schedule, submittals, description of work completed since the last meeting, and any other items of concern to each meeting.

#### **5. SUBMITTALS**

Submittal Requirements:

1. Submit one digital copy of the submittals for all equipment and materials used in this project to the Engineer for approval.
2. The Engineer will review and return the submittals within five (5) working days.
3. It is the contractor's responsibility to process submittals as soon as possible since certain materials and products may have lengthy lead times.
4. The review of the submittal information is to facilitate the satisfactory acceptance of the equipment or material. This review shall neither relieve the contractor from the responsibility for deviations from the Specifications, nor from errors and omissions in the shop drawings or literature. Parts found not meeting the requirements of these Specifications shall be removed, repaired or replaced at no cost to the Owner.
5. Submittals shall include complete manufacturer's descriptive information and shop drawings for all the parts furnished under this contract.
6. Submittals shall be provided for all requested items, at a minimum:
  - a. Concrete mixes
  - b. Pavers
  - c. Concrete seatwalls
  - d. Basketball court surfacing
  - e. Basketball hoops
  - f. Sand for volleyball court

**6. GRADE**

- A. This section provides information on the finished grade per plans and allowable tolerances.
- B. **SUBGRADE:**  
The subgrade shall be finished within a tolerance of 1 inch from the true subgrade. A tolerance of 1 inch from true subgrade is allowable but it should be an average and not all one direction. If the contractor uses GPS to control grades, sufficient staking shall be done for Engineer to be able to check grade.

**FINISHED GRADE:**

Finished grade in lawn areas adjacent to pavement must be within 1 inch of the elevations shown in the plans and details.

**SIDEWALK**

Concrete pavement must be constructed in accordance with the contract documents and within +/- 1/4 in. of the required elevations and grades given or as directed by the Engineer. In all areas, concrete sidewalk must have a maximum cross slope of 1.75% and longitudinal slope of 4.75%. If these slopes are exceeded, the concrete sidewalk must be removed and replaced at no additional cost to the owner.

7. **BACKFILL**

- A. Prevailing INDOT Standard Specifications 211
- B. Additions:
  - 1. On site soils meeting the requirements of the prevailing specifications shall be used as backfill on the project.
  - 2. If the quantity of onsite backfill materials meeting the prevailing specification requirements is not adequate, additional approved material shall be brought to the site from an outside source at no additional cost to the owner.

8. **MAINTENANCE OF TRAFFIC**

Contractor shall coordinate with the Owner and adjacent property owners for any closures. Contractor shall provide the required construction barrels, barricades, and detour signage to property maintain traffic according to Indiana University standards. When closures are necessary for construction activities, the Owner shall be notified at least 24 hours in advance.

9. **CONSTRUCTION STAKING**

General Description

For the lump sum price bid, the Contractor shall provide construction layout and surveying for the improvements as shown in the project plans and specifications. The work shall be performed in accordance with INDOT Standard Specification Section 105. This item shall include, but may not be limited to the following:

Performance

- A. Locate existing benchmarks and run level circuit to check elevations. New benchmarks, if needed, shall be set every 500 feet. Benchmark data sheets shall be provided to the Owner.
- B. Location and grade, (with offset stakes) for subgrade, curbing, pavement, etc., including cut sheets for each structure. Cut sheets must be provided to the Owner.
- C. The supervision of the Contractor's construction staking personnel shall be the responsibility of the Contractor and any errors resulting from the operations of such personnel shall be corrected at the expense of the Contractor and at no additional cost to the Owner.
- D. The Owner may check the accuracy of the staking as necessary but will assume no responsibility for the accuracy of the layout or the final result of construction accuracy.

The above items shall be the minimum requirements and shall be performed under the direction of a Land Surveyor licensed in the State of Indiana.

**10. EROSION CONTROL**

**General Description**

All temporary erosion control measures shall be in accordance with the Indiana University CPF Procurement Division 01 57 13 Temporary Erosion and Sediment Control Section.

The Contractor shall be responsible, through the implementation of erosion control and sedimentation control measures for minimizing erosion on the project and minimizing sedimentation inside and outside of the project limits.

Prior to final project acceptance, and periodically as needed, the Contractor shall remove any sedimentation deposits which result from the work at the Contractor's expense. The Contractor shall be responsible for the control and containment of liquid or soluble construction materials for the protection of the groundwater resource. Any accidental spillage shall be cleaned up and disposed of immediately by acceptable means, regardless of the time of day or day of the week.

The Contractor shall be responsible for the immediate cleaning of soils and construction materials, which are inadvertently placed on the traveled roadway (from truck tires, spills, etc.). Where this is due to the excessive use of temporary gravel entrance pads, these pads shall be reconstructed (incidental to the contract).

The Contractor shall be responsible for correcting any inadvertent damages to public roads or private property, which result from the work. Stockpiles of earth materials shall be shaped as per Indiana Stormwater Quality Manual.

The Prime Contractor shall be responsible for assuring that any fuel or other construction liquid storage on site is done so that potential spills would be properly contained to prevent them from entering the soil. The Contractor shall maintain all Erosion Control measures and immediately address all deficiencies noted by the Owner at the Contractor's expense.

**11. TOPSOIL**

**MATERIALS:**

Topsoil: Topsoil shall be of quality to sustain vigorous grass and plant growth.

Topsoil shall consist of a natural, friable surface soil with an organic content between 5%-15%, a pH between 6 and 7, and be free of clay, stone, chunks larger than 1" diameter, and any other debris.

**CONSTRUCTION REQUIREMENTS:**

Topsoil: Excavated topsoil shall be stockpiled on site for re-use. Stockpiled topsoil must meet the above topsoil material specifications. Additional topsoil shall be brought to the site as necessary. Engineer shall approve of topsoil prior to placement. Topsoil shall be spread to a minimum depth of 4" in all sodded and seeded areas, and 12" in landscape beds.

**12. CONCRETE SIDEWALK**

Sidewalk shall be in accordance with current Indiana University CPF Standards.

The Contractor shall furnish all necessary equipment, labor and materials required to complete the concrete sidewalks.

1. Pre-installation conference at project site is required before any placement.
2. All site concrete will be IU Beige integral color unless otherwise specified. IU Beige: L.M. Schofield Co. Chromix Admixture, Color I.U. Beige J177, Essro. Cmt., IMI#23 Sand.
3. Standard pedestrian sidewalks will have a minimum width of 6'0" and minimum thickness of 4" of concrete on 4" of compacted aggregate base.
4. All sidewalks and curbs to have a minimum of 4,000 PSI minimum concrete strength. WWM should not be specified. Required reinforcement: minimum #4 rebar at 30" O.C. both directions.
5. Provide tooled control joints every 6' – 8' unless specified on plans. Provide caulked expansion joints every 40' of sidewalk length, every 40' O.C. on larger pads, and at all locations abutting solid structures.
6. Provide broom finish on all pads unless otherwise specified. All newly poured concrete requires curing and sealing with ASTM C309, Type 1, Class A compliant membrane sealer within 2 hours after surface water sheen has disappeared.
7. Concrete Paving Joint Sealants – Urethane, S, NS, 100/50, T, NT: single component, nonsag, plus 100% and -50% movement capability, traffic- and nontraffic-use, urethane joint sealant; ASTM C920, Type S, Grade NS, Class 100/50, Uses T and NT.

**13. ASPHALT**

1. Prevailing 2024 INDOT Standard Specifications: 402
2. Additions:
  - a. The Contractor shall submit a job mix formula for approval five (5) days prior to any mix placed. The Contractor will not be allowed to proceed with the placement of asphalt without an approved job mix formula. The Contractor shall notify owner 48 hours prior to placing any asphalt.
  - b. The asphalt mix for the basketball courts HMA surface shall be a high density mix with fine gradation suitable for athletic courts that meets American Sports Builders Association asphalt guidelines. No RAP/RAS, iron pyrite, or steel slag shall be included in the surface asphalt mix for the basketball court.

**14. BASKETBALL HOOPS**

**MATERIALS**

The basketball hoops shall meet the performance specifications of the Heavy Duty Playground 5-9/16" O.D. Adjustable Straight Post Basketball Package,

Model #AABS65 PK6051 by Gared Sports. Basketball package includes straight 5-9/16" O. D. post, 5' extension arm, and V-brace, 1272B Fiberglass Backboard, and 7550 Goal. Posts are formed from heavy wall galvanized steel. Each post is approximately 13' tall, with 3' to be installed in a 4' x 2' concrete footing. An equal model and manufacturer that meets these specifications may be submitted for approval by the Engineer.

#### CONSTRUCTION REQUIREMENTS

Basketball Hoops shall be installed per manufacturer specifications. Posts shall be embedded 36" deep into 48" deep, 24" diameter concrete footings per manufacturer details and specifications.

### 15. **BASKETBALL COURT SURFACING**

#### GENERAL DESCRIPTION

The basketball Court Surfacing shall be a 100% acrylic emulsion coating and meet the performance specifications of the ColorPlus Sport Surfacing by SportMaster. An equal product and manufacturer that meets these specifications must be submitted for approval by the Engineer.

#### MATERIALS

1. SportMaster ColorPlus Neutral Concentrate with Sand (With 3 selected standard colors)
2. SportMaster Acrylic Resurfacer Filler Course
3. Line Markings Primer and Line Paint meeting the performance specifications of SportMaster

#### CONSTRUCTION REQUIREMENTS

1. Allow asphalt surface to cure 21 days prior to installation of surfacing.
2. Surface and air temperatures must be above 50 degrees during application and for 24 hours after application.
3. Apply two coats of acrylic resurfacer (to be mixed on site with sand) or acrylic resurfacer with sand per manufacturer requirements
4. Install two coats of ColorPlus System Color Coating according to the manufacturer's installation instructions.
5. Template for color and line locations shall be provided by Landscape Architect

**16. LANDSCAPE**

A. Materials:

1. Plant Material:

- a. All plant material shall have a one-year warranty from substantial completion.
- b. Plant material shall be per the minimum sizes specified on the landscape plan. All plant material is subject to Landscape Architect approval for size and condition. Undersized, unhealthy, or poor quality material shall be replaced at no additional cost to the owner.

2. Mulch

- a. Mulch shall be a shredded hardwood bark mulch, "mocha" or similar color. Contractor to submit source and color samples for final selection of material.

B. Construction Requirements:

1. Plant Material:

- a. Plant material shall be installed per the planting details.
- b. Contractor is responsible for watering and maintenance of plant material until substantial completion.

2. Mulch

- a. Mulch shall be spread to a depth of 4" in landscape beds. Pre-emergent herbicide shall be applied prior to spreading the mulch. Mulch shall not be spread in the rain garden.

**17. HYDROSEED**

A. Materials:

Hydroseed: Hydroseed shall be a homogeneous slurry of the grass seed mix, fertilizer, fiber mulch, and water suitable for hydraulic application.

Grass seed mix shall have the following varieties:

- Kentucky Bluegrass: 30-60%
- Perennial Ryegrass: 20-40%
- Fine Creeping Red Fescue: 20-40%

B. Construction Requirements:

Hydroseed:

Spray-apply hydroseed uniformly to all areas to be seeded at a rate based on the manufacturer's recommendations. Following germination of the seed, areas lacking germination greater than 8 inches by 8 inches must be reseeded. It is responsibility of the contractor to keep seeded areas moist during development of the turf grass (a minimum of three weeks).

**18. SAND VOLLEYBALL COURT**

**MATERIALS**

Sand for the volleyball court shall be a low-dust and compaction resistant sand that meets the performance specifications of Beach Volleyball Sand by United Volleyball Supply, LLC. Contact for United Volleyball Supply is Dave McNeil, 425-501-8338. An approved equal may be submitted to the Landscape Architect for approval prior to bidding.

**CONSTRUCTION REQUIREMENTS**

Beach volleyball sand shall be installed per the details and manufacturer recommendations.

**19. SAND VOLLEYBALL NET**

**MATERIALS**

Sand Volleyball Net shall consist of a 3 part system by United Volleyball Supply, LLC, or pre-approved equal. The 3-part system consists of:

- ML4-4" Pro Beach Net (Model # ML4-4"): 32 Feet Wide X 39 Inches Tall. Shall be constructed with a 4", 13 oz. triple ultra-violet / mildew protected vinyl top, bottom, and sides. Sewn with #27 high strength knotted nylon outdoor netting and polyester thread for prolonged outdoor use. Galvanized steel aircraft cable top with clear vinyl coating and black MFP cord bottom. 3/4" ash wooden end dowels with triple re-enforced netting attachment to side tapes for extra durability. 6 additional side tension ropes included for quality net tension
- POP Aluminum Bazooka Professional Outdoor Pole System (Model # POP Aluminum Bazooka): Poles shall be constructed of 3.5" O.D. Ultra stiff heavy-wall, 12' anodized aluminum includes top pole cap and bottom pole plastic drive cap. Bazooka hardware shall be constructed of high strength schedule 80 anodized aluminum with stainless steel set screws and nuts for net tension in prolonged outdoor use. Winch shall be constructed from either powder coated steel or stainless steel. All set screws and nuts to be stainless steel.
- (2) POP Aluminum Sand Sleeve (Model # POP Aluminum Sand Sleeve): POP aluminum ground sleeves shall be approximately 4" O.D. with 3.548" I.D. The sleeves shall be seamless aluminum. Sleeves shall be made from structural grade anodized aluminum. Cover plate or plug shall be aluminum with a gray powder coated finish. Aluminum sleeves shall be plugged by the manufacturer before shipping. Two sleeves needed per system.

Other options that should be selected for the Volleyball Net System shall be "Royal Blue" net color option and added "Rope Ratchets" for the Volleyball Net side tension option. The sales rep for this product will be Mike Riley from United Volleyball Supply, LLC, [mriley@volleyballusa.com](mailto:mriley@volleyballusa.com), (425)-576-8835.

## CONSTRUCTION REQUIREMENTS

Volleyball net system shall be installed per manufacturer specifications.

**END OF SECTION**