

Appendix E
Scope of Work/Specifications

SCOPE OF WORK

The University of Connecticut Athletics Grounds Department has developed the following scope of work and supporting Practice Football Athletic Field Renovation Project Specification (located in the appendix section A of this ITB) to improve the playing conditions of the Practice Football Athletic Fields located at Alumni Drive (D Parking Lot) Storrs, CT 06269.

The University is seeking a Sports Turf professional contract company able and qualified to carry out the renovation work and cultural approach program of Fraise Mowing, Linear Aeration and Sand Injection, Core Aeration, Topdressing, Overseeding and other methods as outlined in this ITB and accompanying specifications. The successful contract company will also be responsible for a three (3) month grow in and establishment period, working in conjunction with the University of Connecticut Athletics Grounds Maintenance Team as identified in the Practice Football Athletic Field Renovation Project Specification (located in the Exhibit section A of this ITB).

Areas to be included in the Projects are as follows:

1. Practice Football Field (East)	Area	75,000 sq.ft.
2. Practice Football Field (West)	Area	70,000 sq.ft.
3. Adjoining Central Area	Area	15,000 sq.ft.

(Between **Both** Practice Fields)

Total Area 160,000 sq.ft.

Practice Football Field Renovation Project

The General scope of work for the Practice Football Athletic Field Renovation Project is as follows, a detailed Specification can be found in (Exhibit Section A of the attached specification):

Sequence of Operations

- 1 Fraise Mowing
- 2 Drainage Improvement – Linear Aeration and Sand Injection
- 3 Core Aeration
- 4 Topdressing
- 5 Overseeding
- 6 Application of Soil Amendments and Nutrition
- 7 Grow-In and Establishment Program

1. Fraise Mowing

To remove undesirable broad-leafed such as (but not limited) to White Clover (*Trifolium repens*) and Broad/narrow leafed weeds and vegetation such as (but not limited) to; Plantain (*Plantago major*), as well as weed grass such as (but not limited) to Annual Bluegrass (*Poa annua*) and Bentgrass (*Agrostis spp*).

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High performance desirable turf grasses such as Perennial Ryegrass (*Lolium perenne*) and Kentucky bluegrass (*Poa pratensis*) growing crowns and root systems must be left in place and unharmed following completion of operation **on both Practice Fields and Adjoining Central Area**

2. Drainage Improvement – Linear Aeration and Sand Injection

Linear aeration using a shockwave or Verti-quake or similar uses a linear action implement to create channels to **a minimum depth of 6" by 1/2"-3/4" wide, in the soil, at 10" centers**, Vibra (Sand Master) to inject and backfill channels with approved sand material improving soil structure, surface infiltration, soil profile percolation and minimal turf surface disruption, **to both Practice Fields and Adjoining Central Area**

3. Core Aeration

Carry out core aeration to a **minimum depth of 4 inches at 2 x 2 inch spacing pattern**, using a ride on vertical action aeration implement fitted with **3/4-inch diameter hollow or core tines**. Cores should be recycled into the surface. The Core aeration holes remaining after removal or recycling shall be filled by top dressing.

4. Seeding

Carry out seeding, using a seeding implement with disc cutting/slicing action in **One (1) direction** (if utilizing double-disc seeder, if using single disc implement two directions at half rate) to make sure seed is inserted a minimum **of 1/4" depth**, as well as a seeding implement with a dimple action in **Two (2) directions to both Practice Fields and Adjoining Central Area**. To re-establish high quality athletic field surfaces, with the most up to date high performance turfgrass cultivars.

5. Topdressing

Carry out and apply, a minimum of **50 tonnes** per practice field, topdressing using spinning disc applicators. To re-establish all athletic field playing surfaces to improve surface quality and provide safe high-quality conditions, **to both Practice Fields and Adjoining Central Area**.

6. Application of Soil Amendments and Nutrition

Carry out and apply specified amendment and nutrition products, to assist in the germination grow in and establishment of the performance turfgrasses, **to both Practice Fields and Adjoining Central Area**.

7. Grow-In and Establishment Program

Expedite the germination and establishment of the performance turfgrasses, **to both Practice Fields and Adjoining Central Area**. This program provides all cultural, nutritional and plant protection products, timing and application methods. A detailed view of the approach can be found in the specification located in the appendix to this ITB document.

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REQUIREMENTS

- Contractors shall read the Practice Football Athletic Field Renovation Specification attached to this ITB to fully familiarize them to the requirements of this project and to be able to provide a bid to carry out and complete the project to the required standards.
- It is the Prospective Contractors responsibility to visit the site and to verify scope of the work, measurements, quantities, etc., prior to submitting the bid.
- Contractor bid shall include all labor, required materials, tools, equipment, plans, mobilization, permits, insurances, etc. as per the specification required to properly complete the Project.
- The successful contractor shall secure, if required, all licenses and permits (local, state, federal) prior to commencing work on the site. Evidence of certification, permits, and licenses must be presented prior to commencement of work.
- The successful contractor will have access to the Practice Football Athletic Fields beginning April 19th 2021 and all work must be completed no later than May 1st 2021, subject to adverse climatic conditions which could affect these dates. Any/all delays are to be communicated with the Owner or Athletic Field Consultant as soon as possible.

Exclusions

Grow In and Establishment Period

- The University Athletic Grounds Team will be responsible for the Practice Football Fields mowing and irrigation strategy and operation, in conjunction with the Athletic Fields consultant, once Project completion is reached.

Project completion is recognized at the time at which seeding operations are completed and signed off by the Athletic Field Consultant.

Required Qualifications

- The following requirements are presented as a minimum expectation for any service provider's bid to be considered. All proposers must provide documentation that verifies and demonstrates experience. If the proponent cannot meet or exceed these requirements, the University reserves the right to exclude their bid from evaluation without further discourse.
- Qualification Statement - Include a brief statement of firm's (and any subcontractors) qualifications including background of the contractor, the services it provides with respect to the stated scope of work and specifications.
- Qualifications of the Project Team – Provide qualifications/resumes and professional certifications (i.e. NESTMA, STMA) of the project team including but not limited to

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supervisor and project manager that will be assigned to the project. Include their experience on similar projects and their responsibilities on the proposed project.

- The successful contractor must have completed at least three (3) Projects of similar scope during the last five (5) consecutive years. State the start and end dates, adherence to set targets, key performance indicators and scope of work for each project listed.

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Exhibit A Practice Football Athletic Field Renovation Project Specifications