

Ocean Bay Middle - Practice Field Renovation

Scope of Work & Contractor Qualifications

SCOPE OF WORK

I. General

- a. Provide all equipment, labor and materials as required to regrade and resurface the Ocean Bay Middle School Practice Field, located at 905 International Drive, Myrtle Beach, South Carolina
 - i. Field Size - 150ft X 300ft (45,000ft²). ([See Attachment A](#))
- b. All materials must be submitted to the HCS Designee for approval prior to the start of construction. The sources of material must meet the specifications.
- c. HCS will be responsible for grow-in; however, the contractor is to provide a grow-in maintenance plan and make at least two site visits after completion of the installation and during the grow-in period of 90 days.

II. Excavation, Grading and Drainage

a. General

- i. Erosion control measures installed to ensure no SCDHEC NOV's for this site, temporary exposed ground.

b. Excavation

- i. Remove top layer of turf and thatch, dispose off-site.
- ii. Excavate site (approximately 12" depth) dispose off-site. All organic and inorganic matter to be disposed off-site. Examples of organics and inorganics are:
 1. Organic - Roots, stumps, etc.
 2. Inorganic - Concrete, bricks, rocks, irrigation piping, etc.
- iii. Use portions of excavated soil to fill voids left by organic and inorganic matter.
- iv. Import approved SCDOT topsoil mix fill. Laser grade to achieve sub-grade at 1% to within six inches of final elevation. ([See Attachment B](#))

c. Final Grade

- i. Import approximately 850 cubic yards of material meeting USGA Specifications to cap existing sub-grade. Contractor is responsible for final verification of required soil amounts.
 - 1. Material must meet USGA Sand Specifications ([See Attachment C](#))
 - ii. Six inch root zone to be laser graded to fine graded crown elevation. ([See Attachment B](#))
 - iii. Laser grade all areas, including perimeter to promote positive surface drainage.
- d. Drainage
- i. Existing catch basins may need to be moved closer to retention pond to allow a softer perimeter slope. ([See Attachment D](#))

III. Irrigation

- a. See attached ([Attachment E - Existing Irrigation](#)) for reference.
 - i. Ocean Bay Middle has a full campus irrigation system in place. It is our goal to utilize the existing well and pump to supply irrigation to renovated practice field.
 - ii. System will need to be disconnected in four locations ([See Attachment E](#)) prior to soil displacement. Each cut shall be temporarily capped to prevent foreign objects from entering lines.
 - iii. All irrigation piping, heads & valves to be removed prior to commencement of soil renovation. Piping to be disposed off-site. Sprinkler heads and valves to be saved for future use by HCS maintenance staff.
 - iv. Fully irrigate new turf area with new turn-key system utilizing existing well and pump. Irrigation system shall be comprised of RainBird sports field irrigation heads and valves.
 - v. Disconnected lines will need to be reconnected, flushed and tested prior to sod installation. To include other areas that were affected by the disconnection.
 - vi. All heads to be raised flush with the surface once the turf has been installed.

IV. Turf

- a. Turfgrass Specifications

- i. Blue Tag Certified Tifway 419 Bermudagrass sod.
- b. Sod Installation
 - i. Sod shall be installed within 36 hours of harvesting.
 - ii. All sod shall be cut at one inch depth
 - iii. Sod shall be on rolls that are 42" wide; **all reinforcement netting shall be removed prior to installation.** Sod shall be rolled by a 5-ton steel drum roller to eliminate air pockets, provide a true and even surface and to ensure knitting without any displacement of the sod or deformation of the surface.
 - iv. All seams in sod must be kept tight and together at all times. When rolling out the sod, seams will be pulled together and tight throughout the entire process.
 - v. Sod shall not be laid on top of existing sod or overlap corners.

V. Additional Landscaping

- a. Shrub Removal
 - i. All shrubs on the northernmost retention pond fence nearest the athletic field are to be removed and disposed of properly offsite. ([See Attachment F](#))

NOTE - Add as unit pricing if amount exceeds original SOW

<i>SC Dot Topsoil</i>	<i>Per ton</i>	<i>\$</i>
<i>USGA Sand Mix</i>	<i>Per ton</i>	<i>\$</i>