

SECTION 32 92 00
TURF AND GRASSES

PART 1 GENERAL

1.01 DEFINITIONS

- A. Maintenance Period: Begin maintenance immediately after each area is planted and continue for a period of 8 weeks after all planting under this section is completed.
- B. Satisfactory Stand:
 - 1. Grass or section of grass of 10,000 square feet or larger that has:
 - a. Not more than 10 percent of total area with bare spots larger than 1 square foot.
 - b. Not more than 15 percent of total area with bare spots larger than 6 square inches.

1.02 SUBMITTALS

- A. Action Submittals:
 - 1. Product labels/data sheets.
 - 2. Mulch: 15-pound sample to be used as a reference for acceptability of Project material.
- B. Informational Submittals: None. All seed furnished by the Government.

1.03 DELIVERY, STORAGE, AND PROTECTION

- A. Seed: To be provided by the Government.
- B. Hydroseeding Mulch: Mark package of wood fiber mulch to show air dry weight.

1.04 WEATHER RESTRICTIONS

- A. Planting is not permitted during the following conditions, unless otherwise approved:
 - 1. Cold Weather: Less than 32 degrees F.
 - 2. Hot Weather: Greater than 90 degrees F.
 - 3. Wet Weather: Saturated soil or standing water.
 - 4. Windy Weather: Wind velocity greater than 20 mph.

1.05 SEQUENCING AND SCHEDULING

- A. Complete Soil Preparation, before starting Work of this section.
- B. Complete Work under this section within 3 days following completion of soil preparation.
- C. Notify Engineer at least 5 days in advance of:
 - 1. Each material delivery.
 - 2. Start of planting activity.
 - 3. Contractor shall submit requests for seed to the Government 2 weeks prior to need.

1.06 MAINTENANCE SERVICE

- A. The Park will maintain plantings beyond Warranty Period.

PART 2 PRODUCTS

2.01 FERTILIZER

- A. No fertilizer will be used in any revegetation work unless requested by the Government. If requested, the Government will specify the composition of the fertilizer.

2.02 SEED

- A. Government will mix and provide all seed for this Project.

2.03 STRAW MULCH

- A. Not used.

2.04 HYDROSEEDING MULCH

- A. Wood Cellulose Fiber Mulch:
 - 1. Physical Characteristics:
 - a. Specially processed wood fiber containing no growth or germination inhibiting factors.
 - b. Dyed a suitable color to facilitate inspection of material placement.
 - 2. Functional Characteristics: When hydraulically sprayed on ground, material will allow absorption and percolation of moisture.
 - 3. Performance Characteristics: Manufactured such that after addition and agitation in slurry tanks with water, the material fibers will become uniformly suspended to form homogenous slurry.

2.05 NETTING

A. Jute:

1. Physical Characteristics:
 - a. Heavy-duty, twisted, weighing 0.3 pounds per square yard.
 - b. Openings Between Strands: Approximately 0.5 inches square.
2. Functional Characteristics: None.
3. Performance Characteristics: None.

B. Plastic: Not used.

C. Matting:

1. Physical Characteristics: Aspen excelsior or coir mat; biodegradable stakes for fastening; netting/backing material must be of natural and biodegradable material such as jute fiber.
2. Functional Characteristics: None.
3. Performance Characteristics: None.

PART 3 EXECUTION

3.01 PREPARATION

A. Grade areas to smooth, even surface with loose, uniformly fine texture.

1. Roll and rake, remove ridges, fill depressions to meet finish grades.
2. Limit such Work to areas to be planted within immediate future.
3. Remove debris, and stones larger than 1-1/2-inch diameter, and other objects that may interfere with planting and maintenance operations.

B. Remove weeds and weed debris.

C. Restore prepared areas to specified condition if eroded or otherwise disturbed after preparation and before planting.

3.02 FERTILIZER

- #### A. No fertilizer will be used in any revegetation work unless requested by the Government. If requested, the Government will specify the composition of the fertilizer.

3.03 SEEDING

- A. Start within 2 days of preparation completion.
- B. Mechanical or broadcast seeding in two different directions. Apply seed at rate of 20 pounds per acre furnished by Government. Final seed depth to not exceed 1/4 inch to 1/2 inch.
- C. If hydromulching is used, apply uniform cover of wood fiber mulch at rate of 1,500 pounds per acre.
- D. Water: Apply with fine spray after mulching to saturate top 4 inches of soil.

3.04 FIELD QUALITY CONTROL

- A. The Government will assume responsibility of field quality control at the conclusion of the Contract scope of work.

END OF SECTION