



## **SECTION 02933 TERRA SEEDING PART 1-GENERAL**

### **1.1 RELATED DOCUMENTS:**

Drawings and General Provisions of Contract, including Bidding Requirements, General and Supplementary Conditions and Division I Specification Sections, apply to work specified in this Section.

### **1.2 DESCRIPTION OF WORK:**

- A. Provide seed, compost, and fertilizer.
- B. Terraseeding.
- C. Fertilization.

### **1.3 RELATED WORK SPECIFIED ELSEWHERE:**

- A. Section 02300 Earthwork.

### **1.4 DELIVERY, HANDLING AND STORAGE:**

- A. If seed is mixed prior to delivery on the site, it shall be tagged showing a guaranteed statement of composition of mixture, percentage of purity and germination of each variety.
- B. If seed is to be mixed at the site, it shall be delivered in original containers bearing producers certification of germination and purity.
- C. Tags shall show producers or dealers Iowa Permit Number and date of testing; test date shall be no more than 90 days previous to time of use.
- D. Fertilizers shall conform to State of Iowa laws and regulations. If delivered in bulk, bills of lading or other labels shall be furnished to Landscape Architect or labels indicating analysis and weight information from each container shall be preserved and furnished to Landscape Architect within twenty-four (24) hours of application.
- E. Handling of materials as recommended by manufacturer.
- F. Store all packaged materials off ground and protect from moisture.
- G. Storage of all materials in locations designated and approved by Owner.

**TERRA SEEDING 02933-1**

## **PART 2-PRODUCTS 2.1 SEED:**

A. Type 1 Lawn Mixture as stated in Section 9010 Part 2.02B of the Urban Standard Specifications.

## **2.2 FERTILIZER:**

A. Commercial grade, water soluble, analysis 8-32-16.

## **2.3 WATER:**

A. Water will be at the discretion of the contractor as required to meet the conditions of Final Acceptance in Section 9010 Part 3.09 of the Urban Standard Specifications.

## **2.4 COMPOST**

A. The city will provide compost from the Metro Waste Authority. Contractor will be required to haul compost to the site and surrender weight tickets to the Inspector for the City's invoice. Measurement for payment based on areas of Compost that have been Terra Seeded. Terra Seeding yield shall be approximately 150 tons per Acre at a 2" depth.

1. Metro Compost Center 1601 Harriet Street  
Des Moines, IA 50309

## **PART 3 - EXECUTION**

### **3.1 SEEDING SEASON:**

A. Normal seasons for this work are as follows:

1. Spring: March 31 to May 15

Fall: August 31 to November 15

### **3.2 CHRONOLOGICAL PROCEDURE FOR SEEDING:**

A. Seedbed Prep/Tilling

B. Terra Seed - includes compost, seed and fertilizer

C. Watering - Watering will be at the discretion of the contractor as required to meet conditions of final acceptance in Section 9010 Part 3.09 of the Urban Standard Specifications.

D. Mowing and other activities required to establish final vegetation.

### **3.3 SEEDING LOCATION**

A. Within the Construction Limits.

## **TERRA SEEDING 02933-2**

### **3.4 FERTILIZATION:**

A. Commercial Grade (8-32-16):

1. Application rate: one (1) pound of actual phosphoric acid (P) per one thousand (1000) square feet.

**3.5 SEED BED PREPARATION:**

- A. Repair any erosion.
- B. Remove any surface vegetation.
- C. Loosen seed bed by lightly tilling or discing.
- D. Lightly rake to insure smooth, uniform surface texture.

**3.6 TERRASEEDING:**

- A. Blow a two inch compost blanket, which is injected with seed at the time of application.
- B. Blow in place with the use of a pneumatic blower truck equipped with a supplemental seed injection system.
- C. Injection rate:
  1. Lawn Seed Mix shall be applied at 10 pounds of seed per 1,000 square feet

**3.7 MAINTENANCE:**

- A. Begin immediately following installation.
- B. To include:
  1. Repair of eroded areas prior to acceptance.

**3.8 WARRANTY:**

- A. Provide guaranteed germination as specified for seed in paragraphs 2.1, 2.2, 2.3 and 2.4 this Section.
- B. Terra Seed over bare spots as specified in this Section for original Terra Seeding requirements; maintain these areas as specified until acceptance by Owner.

**3.9 FINAL INSPECTION AND ACCEPTANCE:**

- A. See conditions of final acceptance in 9010 Part 3.09 of the Urban Standard Specifications.

**TERRA SEEDING 02933-3**