

## **PART 1    GENERAL**

### **1.1    RELATED SECTIONS**

- .1      Section 32 91 19 - Topsoil placement and finished grading.

### **1.2    MEASUREMENT PROCEDURES**

- .1      Payment for sodding will be made at unit price bid in square meters of actual area surface measurements taken and computed by Engineer. The item includes topsoil placement and finished grading as prescribed in Section 32 91 19 - Topsoil placement and finished grading.

### **1.3    QUALITY ASSURANCE**

- .1      Reports/ratios of the tests: Submit the reports/ratios of the tests certifying that the products, materials and materials satisfy the regulations as for the physical characteristics and the criteria of performance.
- .2      Certificates: Present the documents signed by the manufacturer, certifying that the products, materials and materials satisfy the regulations as for the physical characteristics and the criteria of performance.

### **1.4    SCHEDULE OF WORK**

- .1      Establish the calendar of the installation of the grass sods so that this one coincides with the preparation of surfaces.
- .2      Establish the calendar so that the installation of the grass sods takes place once the ground is defrost.

### **1.5    MANAGEMENT AND WASTE DISPOSAL**

- .1      It is forbidden to pour unutilised products of amendment (manure) in the sewers, in a river, a lake, on the ground or at any other place where that could present a health hazard or for the environment.

## **PART 2    PRODUCTS**

### **2.1    MATERIALS**

- .1      Number one cultivated grass: specialized grasses planted and cultivated in the fields reserved for this purpose.
  - .1      Types of cultivated grass
    - .1      Grass with meadow grass of Kentucky with fescues number one: cultivated only starting from mixtures of seeds of cultivars of meadow grass of Kentucky and red fescues turning or red fescues plotting, and containing at least 40% of cultivars of meadow grass of Kentucky and 30% of turning red fescues or plotting

.2 Quality of the cultivated grass

- .1 Grass containing maximum 2 seeds of dicotyledonous (bad grasses with broad sheets) or 10 other seeds in a 40 square meters surface.
- .2 Grass of a density such as the ground remains invisible, a 1500 mm height, after a shearing with a height of 50 mm.
- .3 Height of maximum shearing: from 35 to 65 mm.
- .4 Thickness of the ground of the grass sods: from 6 to 15 mm

.2 Water

- .1 Water provided by the Engineer, at the indicated place.

.3 Manure

- .1 Manures in conformity with the Law on manures and the Payment on manures of Canada.
- .2 Manures made up of synthesis, with slow action, containing 65% nitrogen non soluble in water

**2.2 QUALITY CONTROL TO THE SOURCE**

- .1 The sodding material must be approved with the source of provisioning by the Engineer.
- .2 Once the grass sods source supply is approved, no other source can be used without written authorization of the Engineer.

**PART 3 EXECUTION**

**3.1 PRELIMINARY WORKS**

- .1 Make sure that modelled ground is adequate and that the surfaces to be grass are prepared in accordance with the section 32 91 19 - Topsoil placement and finished grading. Inform the Engineer of any variation by report/ratio with the drawings and await the instructions of the Engineer before beginning work.
- .2 Do not carry out work when the conditions are unfavourable, for example when the ground is cold or is softened, or when it is covered with snow, ice or stagnant water.
- .3 Carry out the levelling of completion of surfaces in order to carry out a soft and uniform slope, exempts hollow and asperities, supporting the natural drainage of surfaces.
- .4 Remove bad grasses, the remains, the stones 50 mms in diameter and more, the ground contaminated by oil, harmful gasoline or other products and evacuate them out of the building site.

**3.2 PLACING GRASS SODS**

- .1 Install the grass in the 24 hours following the ice melting if the temperature exceeds 20 degrees Celsius.
- .2 Place the grass sods in parallel bands, by producing shifted joints. Tighten them ones against the others in order not to leave any space between them, but without overlapping them. Cut the narrow plates or of irregular form with the assistance of sharp tools.

- .3 Carry out a light rolling intended to ensure the contact of the plates with the ground. It is forbidden to use a heavy roller to correct the irregularities of surface.

### **3.3 MAINTENANCE DURING THE PERIOD OF ESTABLISHMENT**

- .1 Carry out the maintenance work here after starting from the date of the installation of the grass until the date of reception of work.
- .2 Sprinkle the surfaces turf in sufficient quantity and at a frequency to maintain water content optimal in the lawn, to a depth from 75 to 100 mm.
- .3 Mow the grass to a 50 mm height when it reaches 75 mm or before and remove the remains of shearing which could choke turfed surfaces.
- .4 Eliminate 95 % of weeds

### **3.4 RECEPTION OF WORK**

- .1 The surfaces covered with cultivated grass will be accepted by the Engineer if the following conditions are observed:
  - .1 Turf surfaces are established in an adequate way;
  - .2 Turf surfaces are free from zones of dead grass and stripped surfaces;
  - .3 The ground remains invisible, a 1500 mm height, after a shearing of the grass to a 50 mm height;
  - .4 Turf surfaces were mowed at least two (2) times before the reception of work.
- .2 The lawns in the fall will be accepted next spring, one month after the start of the growing season, if the above conditions are met.

### **3.5 CLEANING**

- .1 Once the job is done, evacuate from the site all remains or debris including tools.

**END SECTION**