

## **Part 1 General**

### **1.1 DESCRIPTION**

- .1 This specification shall cover the supply and installation of sod over topsoil at high traffic entry areas on the Transcona Library Site as noted on L-100 Site Layout & Materials Plan.

### **1.2 REFERENCES**

- .1 City of Winnipeg Standard Construction Specification: CW 3510 Sodding; most recent.

### **1.3 RELATED SECTIONS**

- .1 Section 32 91 19 – Topsoil and Finished Grading

### **1.4 SUBMITTALS**

- .1 Submittals in accordance with section 01 33 00 – Submittal Procedures.
- .2 Submit:
  - .1 Sod sample.
  - .2 Install approved sample in one square meter mock-ups and maintain in accordance with maintenance requirements during establishment period.
- .3 Obtain approval of sample by Contract Administrator.

### **1.5 QUALITY ASSURANCE**

- .1 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
- .2 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.

## **Part 2 Products**

### **2.1 MATERIALS**

- .1 Number One Turf Grass Nursery Sod: sod that has been especially sown and cultivated in nursery fields as turf grass crop.
  - .1 Turf Grass Nursery Sod types:
    - .1 Number One Kentucky Bluegrass Sod: Nursery Sod grown solely from seed of cultivars of Kentucky Bluegrass, containing not less than 100% Kentucky Bluegrass cultivars with a minimum of three (3) number one named Kentucky Bluegrass cultivars.
  - .2 Turf Grass Nursery Sod quality:
    - .1 Not more than 2 broadleaf weeds or 10 other weeds per 40 square meters.
    - .2 Density of sod sufficient so that no soil is visible from height of 1500 mm when mown to height of 50mm.
    - .3 Mowing height limit: 35 to 65mm.
    - .4 Soil portion of sod: 6 to 15mm in thickness.
- .3 Water: potable

- .4 Fertilizer:
  - .1 To Canada "Fertilizers Act" and "Fertilizers Regulations".
  - .2 Complete, synthetic, slow release with 65% of nitrogen content in water-insoluble form.

## **2.2 SOURCE QUALITY CONTROL**

- .1 Obtain approval from Contract Administrator of sod at source.
- .2 When proposed source of sod is approved, use no other source without written authorization from Contract Administrator.

## **Part 3 Execution**

### **3.1 PREPARATION**

- .1 Verify that grades are correct and prepared in accordance with section 32 91 19. If discrepancies occur, notify Contract Administrator and do not commence work until instructed by Contract Administrator.
- .2 Do not perform work under adverse field conditions such as frozen soil, excessively wet soil or soil covered with snow, ice, or standing water.
- .3 Fine grade surface free of humps and hollows to smooth, even grade, to contours and elevations indicated, per section 32 91 19.
- .4 Remove and dispose of weeds; debris; stones 50mm in diameter and larger; soil contaminated by oil, gasoline and other deleterious materials; off site in location as directed by Contract Administrator.

### **3.2 SOD PLACEMENT**

- .1 Sod Placement to conform to requirements of City of Winnipeg Standard Construction Specification: CW 3510 Sodding; most recent.

### **3.3 MAINTENANCE**

- .1 Maintenance to conform to requirements of City of Winnipeg Standard Construction Specification: CW 3510 Sodding; most recent.

### **3.4 ACCEPTANCE**

- .1 Acceptance to conform to requirements of City of Winnipeg Standard Construction Specification: CW 3510 Sodding; most recent.

### **3.5 CLEANING**

- .1 Upon completion of installation, remove construction and accumulated environmental dirt, surplus materials, rubbish, tools and equipment barriers in accordance with section 01 74 00 – Cleaning and Waste Processing.

**END OF SECTION**