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CONSTRUCTION SPECIFICATION FOR SODDING

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14.01 SCOPE OF WORK

This Specification refers the requirements for the restoration of grassed areas by sodding.

Starting from January 1, 2013, sodding shall be placed in single family residential areas and seeding in multi-residential, commercial, industrial and park areas unless specified otherwise in the contract documents or at the discretion of the City Engineer.

The work shall include:

1. Levelling, tilling or otherwise preparing existing areas of suitably arable soil
2. Placing sod
3. Applying fertilizer
4. Watering
5. Maintenance for 30 days

Unless otherwise specified, the prices quoted in the contract documents shall include the furnishing of all materials, supplies, equipment, and labour necessary to complete the work required under the contract documents.

14.02 REFERENCES

This specification refers to the following standards, specifications, or publications:

- S-34 Topsoil

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- OPSS 802 Construction Specification for Topsoil
- OPSS 803 Construction Specification for Sodding
- OPSS.MUNI 206 Grading

14.03 MATERIALS

The Contractor shall supply materials including but not limited to sod, fertilizer, and water as per OPSS 803.05 and the contract documents.

14.04 CONSTRUCTION

14.04.01 PREPARATION

All work shall be carried out in a professional manner with care taken to protect existing structures and grassed areas. The work shall be undertaken in such a manner as to minimize the inconvenience to the residents and, as much as possible, blend with existing conditions. The grading shall be carried out as per OPSS.MUNI 206 and in such a manner as to provide positive drainage for all walkways, sidewalks, and driveways. Steps shall be taken to ensure that all existing drainage patterns are maintained and improved if possible and that the City right-of-way has positive drainage over roadside curbs or to an appropriate drainage inlet structure. Any correction required to obtain the above noted shall be at the expense of the Contractor.

Topsoil shall be supplied and placed as per OPSS 802. After the tilling of suitably arable soil, left in place to a depth of at least 50mm, and prior to the placing of the sod, the site shall be reviewed by representatives from the City, General Contractor and Landscaping sub-contractor.

14.04.02 OPERATIONAL CONSTRAINTS

Sodding shall not commence until the surface preparation has been approved in writing by the Engineer. Sodding shall commence within 7 Days of surface preparation. The Contractor shall maintain the surface and control erosion until the sod is in place.

Sod shall not be placed when in a frozen condition, under adverse field conditions such as high wind, frozen soil, or soil covered with snow, ice, or standing water.

The following modifications and reminders shall be noted:

Pegging

Pegging shall be done where directed by the Engineer. Plastic biodegradable stakes shall be allowed.

Fertilizer

Fertilizer shall be applied as per OPSS 803. The Contractor shall also implement the topsoil improvement recommended by a professional analysis report if it is applicable.

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Water

The Contractor shall be responsible for the watering during the maintenance period. The City Inspector is to be notified when the Contractor or Subcontractor is watering on site.

14.04.03 TRIMMING AND PLACING

The placement of the sod shall be as per OPSS 803. The existing areas shall be neatly trimmed by the use of a sod cutter. The finishing grade shall match existing grade exactly and uniformly, blending with the existing surfaces to make a seamless transition. Care shall be taken to place all sod slightly below all sidewalks, lead walks, and driveways to ensure water runoff.

14.04.04 MAINTENANCE OF INSTALLED SOD

The sod shall be maintained for 30 consecutive days, excluding the winter dormant periods between November 15 and April 15 as shown in Table 1 of OPSS 803.

The Contractor shall take the responsibility of their lawn mowing, including the first cut during the maintenance period unless otherwise specified in the contract documents.

Where the Engineer is agreeable to late season placement of sod and it is not possible to determine the acceptability of the sod until the following growing season, those areas deemed unacceptable due to causes beyond the control of the Contractor (road salting, heavy pedestrian traffic, etc.) shall, at the discretion of the Engineer, be resodded at the unit price in the tender documents. The Contractor shall be paid for the original sodding and the area requiring resodding.

14.05 QUALITY CONTROL

The City shall take steps to record the acceptability of the sodded areas by the use of photos, videotaping or other means deemed necessary at the end of the 30 consecutive days of maintenance period. The City Engineer reserves the right of extending the maintenance period if the installed sod were not deemed acceptable.

14.05.01 INFORMATION TO THE RESIDENT

In conjunction with the placing of sod, the City shall inform the residents of the limits of the Contractor's responsibilities and what steps the resident can take to assist in promoting and maintaining a flourishing lawn (the first notice letter to the residents). The homeowners shall be informed in writing that the sodded areas have been deemed acceptable and further maintenance and care will be their responsibility at the end of the maintenance period (the second notice letter to the residents).

14.06 MEASUREMENT FOR PAYMENT

The placement of sod, including fertilizing and weed spraying shall be paid by area in the unit of square metre.

The cost for watering will be paid by volume in cubic metre under a separate unit price in the Unit Pricing Schedule in the contract documents.

14.07 BASIS OF PAYMENT

Payment at the Contract price for the above items shall be full compensation for all labour, equipment, and materials to do the work.

Payment for watering will be made as per the Inspector's review of submitted water tickets.