

TENDER DOCUMENTS

SUBSECTION 6.95 LAWN MAINTENANCE

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SUBSECTION 6.95 LAWN MAINTENANCE

6.95.1 GENERAL

6.95.1.1 This subsection describes the requirements relating to the maintenance of the lawn along the Jacques Cartier Bridge, the federal portion of the Bonaventure Expressway, as well as the Champlain Bridge Ice Control Structure covered by this Contract.

6.95.1.2 The work mainly consists in mowing the lawn on the Owner's territory.

6.95.2 MEASUREMENT UNITS

6.95.2.1 The measurement units and respective symbols thereof used in this subsection are described as follows:

Measurement Unit	Designation	Symbol
length	meter	m
length	millimeter	mm

6.95.3 REFERENCE STANDARDS

6.95.3.1 The Contractor shall carry out all lawn maintenance work in accordance with the requirements of the following standards and documents, to which the provisions of this Contract are added:

6.95.3.1.1 (BNQ) Bureau de normalisation du Québec:

- BNQ 0605-200 *Entretien arboricole et horticole.*

6.95.3.1.2 (MTQ) Ministère des Transports du Québec:

- MTQ – *Cahier des charges et devis généraux (CCDG) / Services de nature technique;*
- MTQ – *Normes – Ouvrages routiers – Tome VI Entretien, Norme 4103 Tonte et fauchage.*

6.95.4 EQUIPMENT AND TOOLS

6.95.4.1 The Contractor shall supply all the equipment, including tractor and lawnmower, that shall be necessary to carry out the work in accordance with these specifications.

6.95.4.2 The Contractor shall, to a minimum, own or lease the following equipment, in addition to the manual lawnmowers and edger/trimmers:

6.95.4.2.1 two (2) tractors with flail mowers;

6.95.4.2.2 one (1) tractor with a hydraulic arm that can extend up to 8 m and that is equipped with a rotary mower.

- 6.95.4.3 The Contractor shall have a sufficient number of tractors and rotary mowers.
- 6.95.4.4 The Contractor shall use tractors of proper size and weight and equipped with appropriate tires so as not to damage the surface of the turfed banks.
- 6.95.4.5 In steep slopes of 25 % and more, in locations difficult to access and in the soft spots where there is a risk of damaging the slopes, the Contractor shall use manual lawnmowers, trimmers or telescopic arm mowers or an equipment approved by the Engineer.

6.95.5 EXECUTION OF WORK

6.95.5.1 LAWN MOWING

- 6.95.5.1.1 Every time the Contractor mows the lawn, it shall remove all papers and other debris that might be present on the ground.
 - 6.95.5.1.2 The Contractor shall mow the lawn on all banks present on the Owner's territory.
 - 6.95.5.1.3 All banks requiring lawn mowing on the Owner's territory are identified in Section 4 *Special Technical Conditions*.
 - 6.95.5.1.4 The Contractor shall take into account that the presence of billboards on some of the Owner's terrains could hinder the mowing operations carried out with tractors, whether or not they are equipped with an articulated arm. The Owner will not pay any extra to the Contractor for lawn maintenance around these billboards or around any other obstacle.
 - 6.95.5.1.5 The lawn mowing work shall be carried out on the entire surface area specified in this Contract, without leaving any area unmown or damaging the surface of the grassy banks. If the Contractor damages the slopes or the terrain, it shall restore the surface.
 - 6.95.5.1.6 The grass shall be cut at a minimum height of 100 mm from the ground, without exceeding 150 mm.
 - 6.95.5.1.7 The Contractor shall pay special attention to landscaped areas.
- ### **6.95.5.2 FINISHING**
- 6.95.5.2.1 All finishing work around obstacles, trees, shrubs, fences, guardrails, delineators, structure bases shall be carried out at the same time as the mowing of the surface areas that do not present any obstacles.
 - 6.95.5.2.2 The height of the lawn mowing shall be uniform.

6.95.5.3 The dried or cut grass shall not be left on the roadway and shoulders or in the drainage channels and storm sewer grids. The Contractor shall pick up the grass as the mowing proceeds. In addition, the roadway, shoulders and gored shall be cleaned of any grass residue.

6.95.5.4 SCHEDULE

6.95.5.4.1 The mowing shall, to a minimum, be performed on the following dates:

6.95.5.4.1.1 1st mowing: between June 1 and June 15;

6.95.5.4.1.2 2nd mowing: July 15 ± 7 days;

6.95.5.4.1.3 3rd mowing: August 15 ± 7 days.

6.95.6 QUALITY CONTROL

6.95.6.1 ACCEPTANCE OF THE WORK BY THE ENGINEER

6.95.6.1.1 For the acceptance of the lawn maintenance after each mowing, the Engineer shall make the following checks, without being limited to:

6.95.6.1.1.1 evenness of the mowing height over the entire mowed surface;

6.95.6.1.1.2 compliance with the specified height indicated in this Contract;

6.95.6.1.1.3 compliance with the mowing schedule;

6.95.6.1.1.4 cleanliness of the site after mowing.

6.95.6.2 DISPOSAL OF THE GRASS CLIPPINGS

6.95.6.2.1 The disposal of the grass clippings shall be carried out in accordance with subsection 6.13 *Environmental Protection*.

END OF SUBSECTION