1.0 GENERAL

1.1 Safety Requirements
   1.1.1 Comply with pesticide control regulations of locality in which operation is to be carried out.
   1.1.2 Comply with manufacturer’s instructions on use of herbicide unless otherwise specified or directed.
   1.1.3 Equipment operator must be provincially licensed to perform the application of the herbicide specified.

1.2 Storage
   1.2.1 Store herbicides in well ventilated, controlled access location.
   1.2.2 Store herbicides in original containers as supplied by manufacturer and keep sealed until used.
   1.2.3 Do not store herbicides near agricultural plants, seeds, fertilizer or other agricultural chemicals.
   1.2.4 Do not allow liquid herbicide products to freeze.

1.3 Payment
   1.3.1 Chemical vegetation control will be measured in square metres of area actually treated.

2.0 PRODUCTS

2.1 Materials
   2.1.1 Product to be used: glyphosate; Apply in strict accordance with manufacturer’s instructions.
   2.1.2 Use of any alternate product is subject to approval of the Consultant and the City of Regina.

3.0 EXECUTION

3.1 Equipment
   3.1.1 Sprayer: do not use airblast, mist or fog sprayers. Sprayer to meet following requirements.
      .1 Equipped with adjustable height boom, nozzles of adjustable width, hose and nozzles for spot treatment and foot valve.
      .2 Tanks equipped with device for continuous agitation.
      .3 Uniform pressure adjustable between 140 and 485 kPa.
      .4 Interchangeable nozzles for spray pattern compatible with job.
.5 Nozzle screens not smaller than No 250 Cdn Metric sieve mesh size.

.6 Capable of maintaining uniform, forward speed.

3.1.2 Equipment to be calibrated and adjustable to specified application rates.

3.2 Application of Herbicides

3.2.1 Comply with manufacturer’s recommendations as to ambient temperatures for application of herbicide. Do not apply liquid herbicide during rainfall or when rain is forecast within 8 h or when heavy dew exists.

3.2.2 For ground applications by boom spray:

.1 Do not spray when wind velocity exceeds 25 km/h.

.2 Spray only when travelling in a straight line and at uniform speeds.

.3 Avoid gaps between successive passes.

3.2.3 Do not apply herbicides within 15 m of rivers, streams, lakes, wells or other environmentally sensitive areas.

3.2.4 Do not allow drifting of sprays beyond application areas; use particulants as necessary.

3.2.5 When spraying adjacent to flower beds, shrubs or other desirable vegetation, use a sprayer fitted with protective hood suitable to prevent contamination or provide protective covering for such vegetation while spray is in progress.

3.3 Clean Up

3.3.1 Puncture or break empty herbicide containers and legally dispose off site.

3.4 Control Requirements

3.4.1 Weed Control: treat areas indicated as required to safely achieve within 14 days of application at least a 90% kill of vegetation intended. Kill rate to be maintained for a period not less than one year.

3.5 Retreatment

3.5.1 Retreat unaffected areas as necessary until specified control is achieved.