

## ANNEX A – STATEMENT OF WORK

### Terms of Reference Supply and Placement of Class “A” Gravel Cavendish Campground Prince Edward Island National Park February 2016

**General:** In general work covered by this contract includes the supply and placement of Class “A” aggregate in the Cavendish Campground on the campground roadways and the individual campsite driveways all within the Prince Edward Island National Park. Provide a loader to stockpile the gravel in the campground now, spread and compact the gravel in the spring (dates below).

**Scope:** The Contractor shall:

- .1 Supply all labour, equipment, material, transportation, and supervision necessary to perform the prescribed work.
- .2 Supply and place 2000 tonnes of Class A imported Aggregate meeting the following Specification:

**MATERIALS:**

- .1 Crushed stone or Quarry rock consisting of hard, durable, angular particles, free from clay, cementation, organic materials, and other deleterious materials.
- .2 Gradations to be within the following limits specified when tested to ASTM C136-84 and ASTM C117-84, and to have a smooth curve without sharp breaks when plotted on a semi-log grading chart. Sieve sizes to CAN/CGSB-8.1.

<u>Sieve Size</u>	<u>% Passing</u>
19.0mm	100
9.5mm	55-80
4.75mm	35-60
1.20mm	17-35
.30mm	7-20
.075mm	3-8

- .3 Liquid Limit: to ASTM D4318 Maximum 25
- .4 Plasticity Index: To ASTM D4318 Maximum 6
- .5 Los Angeles Abrasion: to ASTM C131, Gradation ‘A’ Maximum % loss by weight: 35
- .6 Crushed Particles: at least 60% of particles by mass retained on the 4.75mm sieve to have at least two freshly fractured faces.
- .7 Petrographic Number (maximum) 135
- .8 Magnesium Sulphate Soundness: to ASTM C88; max. % by mass: 15.
- .9 Flat and elongated particles: max. % by mass: 15.

**.2 EXECUTION:**

- .1 Place material on campground roadways and individual site driveways to a depth of 50mm.
- .2 Place using methods which do not lead to segregation or degradation of aggregate.
- .3 Place material to in uniform layers not exceeding 50mm compacted thickness.
- .4 Shape and roll alternately to obtain a smooth, even and uniformly compacted base.
- .5 Apply water as necessary during compaction to obtain specified density.
  
- .6 Ensure that adequate traffic control, is provided throughout this project.
  
- .7 Commence the work on the Award of Contract, stockpile gravel completed by March15, 2016 and complete the gravel placement and compaction by June 1, 2016
  
- .8 Complete all work to the satisfaction of the Field Unit Superintendent P.E.I. or his appointed representative.

