

SUPPLEMENTARY
GENERAL CONDITIONS

The following sections pertain to amendments and supplements to the General Conditions of the Master Municipal Construction Document (MMCD) Volume II-printed 2009, and together with the Master Municipal Construction Document (MMCD) Volume II-printed 2009 they shall form part of the Contract between the Owner and the Contractor for this Work.

General Conditions

Revise Clause 1.76

- *Revise the 'Variance Threshold Percentage' to 20%*

Add Clause 1.79.1

- "Provisional Work" has the same meaning as "Optional 'Work'" per clause 1.48

Add Clause 1.80.1

- 'Engineer' shall be interchangeable with 'Contract Administrator' per clause 1.21

Add Clause 9.4.7

- GC 9.4.1 GC 9.4.2, GC 9.4.3, GC 9.4.4, GC 9.4.5, GC 9.4.6, including sub clauses, shall not be applied to the following items. Unit price listed in the Schedule of Quantities and Prices shall remain in effect.

(1) Section 31 23 17 Paragraph 1.6.5 "Trench Rock"

(2) Section 31 24 13 Paragraph 1.8.10 "Replace Unsuitable Subgrade"

(3) Lump Sum items

Add Clause 4.12.4.1

- All Quality Control testing is the responsibility of the Contractor. Quality Control for compaction testing frequencies specified as follows are minimums.

(1) Crushed Gravel - one for each 100m² of compacted layers.

(2) Pit-run-gravel - one for each a 200m² of compacted layers.

(3) Backfill (using excavated material) - one for each 200m² of compacted layers.

(4) Imported fill - one for each 200m² of compacted layers.

(5) Trench backfill - one for each 50m of trench of 1.0m fill depth.

- (6) Retaining Wall backfill - one for each 25m of wall of 0.3m fill depth.
- (7) Asphalt testing – one for each 200 m2 of compacted asphalt (test to include thickness, core density, average marshall density, and compaction). Marshall mix design to be provided prior to asphalt placement.
- (8) Concrete testing (sidewalk, curb and gutter) – one for every 150m of continuous installed concrete and minimum one per day during concrete placing. Tests to include slump, air content, concrete temperature, ambient temperature, cast time, and compressive strength testing at 7 and 28 days. Minimum three specimen cylinders in accordance with CSA A23.1.
- (9) Concrete testing (sidewalk, curb and gutter) – one for every 10m of isolated concrete. Tests to include slump, air content, concrete temperature, ambient temperature, cast time, and compressive strength testing at 7 and 28 days. Minimum three specimen cylinders in accordance with CSA A23.1.
- (10) Subgrade Approval – minimum of one for each a 250m2 of compacted subgrade or as required by geotechnical engineer. Soft Spots to be corrected and tested.

Testing to be completed by owners approved testing agency at the contractors expense.

Add Clause 4.12.4.2

- Additional material testing requirements are as follows.
 - (1) Sieve analysis of sands and aggregates to be supplied, or as provided by material supplier.
 - (2) Provide Standard proctor density curves for backfill and aggregate materials.
 - (3) Sub-grade review and approval to be provided by a Geotechnical Engineer retained by the contractor
 - (4) Compaction for backfill and embankment material to be to a minimum of 95% MPD, or as stated on the construction documents