

**AMENDMENT 1
(Q & A #1 - 4)**

**Request for Quotation (RFQ) for Genomic Sequencing of Dry Bean
and Soybean Genetic Mapping Populations
AAFC Morden Research and Development Centre**

Solicitation Number: 01R11-21-C003

This solicitation amendment has been raised to answer questions asked by a potential bidder during the tendering period. The following questions have been asked and are answered as follows.

QUESTION 1

What is the sequencing depth?

ANSWER 1

X25 (standard coverage)

QUESTION 2

Could you please confirm the genome size for both species you are interested in?

ANSWER 2

587 and 1,115Mbp

QUESTION 3

What sort of sequencing output you are interested in per sample?

ANSWER 3

moderate (1SNP per 250-1000bp) subject to cost

QUESTION 4

Will RAD Seq approach be okay instead of GBS?

ANSWER 4

GBS (examines larger portion of genome) is the preferred approach unless there is proof that RAD Seq approach (fraction of genome) will produce equivalent data output in terms of total informative SNPs as GBS.