



# City of Richmond

January 10<sup>th</sup>, 2012  
File: 50-4572-01/2012-Vol 01

**Business and Financial Services Department**  
Finance Division  
Telephone: 604-276-4218  
Fax: 604-276-4162

**Attention: To All Proponents**

Dear Madame/Sir:

**Re: Request for Proposal 4572P - Engineering Quality Assurance Program - Addendum Two**

This Addendum includes items of clarification, forms part of the Contract Documents and shall be read, interpreted and coordinated with all other parts. Please review and consider the following information in the preparation of your Proposals:

## **I. Questions and Answers**

- Q.1 In Table 1 Soils-Laboratory lists Sieve Analysis to ASTM C136 and C137 but the City of Richmond Quality Control Program states Sieves Analysis of aggregates to ASTM C-117 and C-136. Please clarify standards.
- A.1 See the revised Table 1 in section II Revisions.
- Q.2 When technicians have not been to site yet and lab testing is required will samples for lab testing be delivered to the lab at no cost to us?
- A.2 The unit costs shall include the cost of sample collection from the site.
- Q.3 Concrete testing lists 100 compressive strength tests and only 50 slump, air and temperature tests. Will some cylinders be cast with no slump, air and temp or are these cylinders which will be cast by others and delivered to our lab?
- A.3 See the revised Table 1 in section II Revisions.
- Q.4 Are the number of compressive strength tests sets of three or individual cylinders?
- A.4 There shall be three cylinders cast per instance of compressive strength test.
- Q.5 Under Asphalt Pavement Testing, cores are listed. Is this just the coring or is thickness and density or other testing also required?
- A.5 The unit rate for coring shall include the cost of testing for thickness. Any additional testing shall be paid under separate unit rates.

**II. Revisions**

Remove:

**Table 1 – Minimum Required Tests for City Quality Assurance Program**

Material	Test	Quantities
Soils – Laboratory	Modified Proctor Density (ASTM D1557)	50
	Sieve Analysis (ASTM C136 and C137)	50
Soils – Field Testing	Moisture Content	120
	Compaction Testing (ASTM D6938)	120
Asphalt Pavement Testing	Marshall Test	100
	Gyratory Test (Superpave)	50
	Compaction Testing	120
	Cores (optional)	50
Concrete Testing	Compressive Strength	100
	Slump	50
	Air Content	50
	Temperature	50

And replace with:

**Table 1 – Minimum Required Tests for City Quality Assurance Program**

Material	Test	Quantities
Soils – Laboratory	Modified Proctor Density (ASTM D1557)	50
	Sieve Analysis (ASTM C136 and <b>C117</b> )	50
Soils – Field Testing	Moisture Content	120
	Compaction Testing (ASTM D6938)	120
Asphalt Pavement Testing	Marshall Test	100
	Gyratory Test (Superpave)	50
	Compaction Testing	120
	Cores (optional)	50
	<b>Core density (optional)</b>	<b>10</b>
Concrete Testing	Compressive Strength ( <b>3 cylinders per instance</b> )	100
	Slump	<b>100</b>
	Air Content	<b>100</b>
	Temperature	<b>100</b>
	<b>Additional Cylinder* – field cure</b>	<b>10</b>
	<b>Additional Cylinder* – lab cure</b>	<b>10</b>

\*additional cylinders to be taken in conjunction with compressive strength cylinders.

Yours truly,

A handwritten signature in black ink, appearing to be 'Kerry Lynne Gillis', written in a cursive style.

Kerry Lynne Gillis  
*Buyer 2*

KG:kg

pc: Michael Schwanke, Engineer In Training