

**Q&A#2 – DND-15/0071173 – RFP – Systems Engineering (SE) Fundamentals Course, and Requirements and Statement of Work (SOW) Development for a System Course**

Number	Questions/Answers/Amendments
Question 2:	<p>RT1 of the point rated criteria specifies 2 specific Systems Engineering Qualifications for the instructors to qualify for points under RT1. Although these are recognized qualifications they are not routinely acquired by systems engineering professionals delivering systems engineering in industry, both in Canada and internationally. A brief survey of the industry has returned the same information that routinely whilst engineers work to the Systems Engineering Body of Knowledge there are very few with either CSEP or ESEP with INCOSE.</p> <p>In order to allow for proper competition by a variety of systems engineering companies rather than limit it to a very small population of professionals; for this bid would Canada consider opening this criteria by including those instructors licensed by a provincial or territorial engineering body such as the Professional Engineers or Ontario (noting you cannot practice as an engineer without this license). This could be coupled with proven experience in systems engineering (such as 5 years) with the license.</p> <p>May I request that you consider changing the wording of <b>Appendix 1 to Annex “A” – EVALUATION CRITERIA</b> as is marked in bold below:</p>

Point Rated Technical Criteria (RT)			
Number	Point Rated Technical Criterion	Bid Preparation Instructions	Weighting (Points)
<b>Experience</b>			
RT1	<p>The Bidder's proposed Instructor(s) should be certified as a Certified Systems Engineering Professional (CSEP) or Expert Systems Engineering Professional (ESEP) by INCOSE (International Council of Systems Engineering).</p> <p><b>OR</b></p> <p><b>has been issued a licence to practise engineering by a provincial or territorial engineering regulatory body for at least 5 years.</b></p>	<p>The Bidder should submit a copy of the proposed resource(s) CSEP certification or ESEP certification by INCOSE with the bid.</p> <p><b>OR</b></p> <p><b>Proof of a license to practice engineering and evidence of 5 years systems engineering practice.</b></p>	<p>0 points = The Instructor(s) have no CSEP certification or ESEP certification by INCOSE <b>or an engineering license with 5 years systems engineering experience</b></p> <p>3 points = either (but not both) the English or French Instructor has a CSEP certification by INCOSE</p> <p>5 points = either (but not both) the English or French Instructor has a ESEP certification by INCOSE <b>or an engineering license with 5 years systems engineering experience</b></p>

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			<p>6 points = the Bilingual Instructor or both the English and French Instructors have a CSEP certification by INCOSE <b>or an engineering license with 5 years systems engineering experience</b></p> <p>8 points = one of the unilingual Instructor has a CSEP certification by INCOSE and the other unilingual Instructor has an ESEP certification by INCOSE <b>or an engineering license with 5 years systems engineering experience</b></p> <p>10 points = if the bilingual Instructor has an ESEP certification by INCOSE or if both unilingual Instructors have an ESEP certification by INCOSE <b>or an engineering license with 5 years systems engineering experience</b></p> <p>*Max amount of points for <b>RT1</b> = 10 points</p>
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Number	Questions/Answers/Amendments
Answer 2:	RT1 is amended as follows: See criterion below.

**Point Rated Technical Criteria (RT)**

Number	Point Rated Technical Criterion	Bid Preparation Instructions	Weighting (Points)
<b>Experience</b>			
RT1	The Bidder's proposed Instructor(s) should be certified as a Certified Systems Engineering Professional (CSEP) or Expert Systems Engineering Professional (ESEP) by INCOSE (International Council of Systems Engineering) or has been issued a license to practice engineering by a recognized body for at least five (5) years.	<p>The Bidder should submit a copy of the proposed Instructor(s) CSEP certification or ESEP certification by INCOSE or proof of a current and valid license to practice Engineering* with the bid.</p> <p>The Bidder should submit a detailed résumé(s) for the proposed Instructor(s), providing complete details as to where, when, month and year, and how, through which activities/responsibilities, the stated qualifications/experience were obtained.</p> <p>The Bidder should provide a clear cross reference of each SE functional area experience in the résumé(s).</p>	<p><b>0 points</b> = The Instructor(s) have no CSEP certification or ESEP certification by INCOSE or an Engineering License with less than five (5) years Systems Engineering (SE) experience</p> <p><b>3 points</b> = either (but not both) the English or French Instructor has a CSEP certification by INCOSE or an Engineering License with a minimum of five (5) years SE experience*</p> <p><b>*Note:</b> The proposed Instructor(s) that has the Engineering License and five (5) years of SE experience must have at least one (1) year or greater of SE experience in at last three (3) or more of the 14 SE functional areas recognized by INCOSE under the Experience section:  <a href="http://www.incose.org/certification/CertWhichOne">http://www.incose.org/certification/CertWhichOne</a></p> <p><b>5 points</b> = either (but not both) the English or French Instructor has a ESEP certification by</p>

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			<p>INCOSE or an Engineering License with a minimum of 25 years SE experience*</p> <p><b>*Note:</b> The proposed Instructor(s) that has the Engineering License and 25 years of SE experience must have at least two (2) years or greater of SE experience in at last six (6) or more of the 14 SE functional areas recognized by INCOSE under the Experience section:  <a href="http://www.incose.org/certification/CertWhichOne">http://www.incose.org/certification/CertWhichOne</a></p> <p><b>6 points</b> = the Bilingual Instructor or both the English and French Instructors have a CSEP certification by INCOSE or an Engineering License with a minimum of five (5) years SE experience*</p> <p><b>*Note:</b> The proposed Instructor(s) that has the Engineering License and five (5) years of SE experience must have at least one (1) year or greater of SE experience in at last three (3) or more of the 14 SE functional areas recognized by INCOSE under the Experience section:  <a href="http://www.incose.org/certification/CertWhichOne">http://www.incose.org/certification/CertWhichOne</a></p> <p><b>8 points</b> = one of the unilingual Instructor has a CSEP certification by INCOSE or an Engineering License</p>

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			<p>with a minimum of five (5) years SE experience*</p> <p>*Note: The proposed Instructor(s) that has the Engineering License and five (5) years of SE experience must have at least one (1) year or greater of SE experience in at last three (3) or more of the 14 SE functional areas recognized by INCOSE under the Experience section:  <a href="http://www.incose.org/certification/CertWhichOne">http://www.incose.org/certification/CertWhichOne</a>  and the other unilingual Instructor has an ESEP certification by INCOSE or an Engineering License with a minimum of 25 years SE experience**</p> <p>**Note: The proposed Instructor(s) that has the Engineering License and 25 years of SE experience must have at least two (2) years or greater of SE experience in at last six (6) or more of the 14 SE functional areas recognized by INCOSE under the Experience section:  <a href="http://www.incose.org/certification/CertWhichOne">http://www.incose.org/certification/CertWhichOne</a></p> <p><b>10 points</b> = if the bilingual Instructor has an ESEP certification by INCOSE or if both unilingual Instructors have an ESEP certification by INCOSE or an Engineering License with a minimum</p>

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Point Rated Technical Criteria (RT)			
Number	Point Rated Technical Criterion	Bid Preparation Instructions	Weighting (Points)
			<p>of 25 years SE experience**</p> <p><b>**Note:</b> The proposed Instructor(s) that has the Engineering License and 25 years of SE experience must have at least two (2) years or greater of SE experience in at last six (6) or more of the 14 SE functional areas recognized by INCOSE under the Experience section:  <a href="http://www.incose.org/certification/CertWhichOne">http://www.incose.org/certification/CertWhichOne</a></p> <p>*Max amount of points for RT1 = 10 points</p>