



Tapping the Future: CSC Student Design Competition 2014-2015

cscdesigncompetition.com



Student Design Competition 2014-2015: "Tapping the Future"

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1 00 11 16 Invitation to Bid

1.1 Invitation

1.1.1 Welcome to the CSC (Construction Specifications Canada) student design competition for 2014-2015. This inaugural competition is open to all current students with an interest in construction-related activities such as architecture, landscape architecture, engineering, interior design, construction management, innovative products, and manufacturing.

1.2 Competition

1.2.1 In essence, the competition asks you to propose a renovation to an existing building to accommodate a facility with a focus on entertainment or hospitality (i.e. museum, spa, or theater), and incorporate five materials/products from ten categories into the overall design. The existing building is a real building, but your renovation is theoretical, and without budgetary constraints. Be mindful of the buildings attributes, and be innovative in your intervention.

1.2.2 Research and understanding of materials and products from all ten categories must be showcased as part of your submission. Full details of the existing building, the constraints and requirements, and the rewards are outlined in the competition document set, available in September on the competition website.

1.2.3 The competition document set has been formatted like a "Request for Proposals" (RFP), a common way for the construction industry to solicit a work scope proposal and description which addresses a particular set of criteria, outlined in the RFP. Students entering the competition will be the 'Proponents', will collect the RFP document set, which includes written information, drawings, images, submission format and requirements, directions for how to ask specific questions or to ask for information, and a description of the prizes and rewards for the best submissions. Entries can be submitted by individuals, or by teams consisting of up to 4 people.

1.3 Incentive

1.3.1 There are two aspects to the competition rewards: Publication, and Prizes. The results of the competition will be published in Construction Canada Magazine, both hard copy and electronic versions (<http://www.constructioncanada.net/>). The winning entries will also be awarded cash prizes as follows: 1st place - \$2,000; 2nd place - \$1,000; and 3rd place - \$500.

1.4 Procurement Authority

1.4.1 Your 'Client' is CSC, and the chief organizing entity is the CSC Grand Valley chapter, with participation and support from the CSC Toronto chapter.



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- 1.4.2 CSC is a national multi-disciplinary, non-profit association with chapters across Canada. CSC is committed to ongoing development and delivery of quality education programs, publications and services for the betterment of the construction community, with aim to improve the coordination and dissemination of information relevant to the construction process.
- 1.4.3 CSC works in cooperation with the Construction Specifications Institute (CSI) in the United States, and they jointly maintain MasterFormat, PageFormat, and SectionFormat.
- 1.4.4 In addition to the development of industry related publications, CSC seeks to improve the quality of the design and management aspects of construction activity, by way of education and professional development and certification programs, through improved coordination and dissemination of information relevant to the construction process and to the construction industry as a whole.
- 1.4.5 CSC offers four registration/certification programs: the Registered Specification Writer (RSW), the Certified Specification Practitioner (CSP), the Certified Technical Representative (CTR), and the Certified Construction Contract Administrator (CCCA) designations.
- 1.4.6 CSC provides a means by which you can continue to learn and develop your skills as well as share your own expertise and experience with others through education courses: Principles of Construction Documentation; Specifier 1 and Specifier 2; Technical Representative; and Construction Contract Administration. CSC courses are open to all individuals in the construction industry.
- 1.4.7 Much more information about CSC can be found at the association website: <http://www.csc-dcc.ca/>
- 1.4.8 The official presentation of the prizes resulting from this student competition will take place at the Connections Cafe, held in Kitchener on May 20, 2015.

1.5 Next Steps

- 1.5.1 Please visit the competition website to ensure you have all the latest competition documents, including addenda: <http://cscdesigncompetition.com/>
- 1.5.2 Enquiries can be made at: info@cscdesigncompetition.com

Good Luck!

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1 00 11 19 Request for Proposal

1.1 Executive Summary

- 1.1.1 Proposals are sought for the renovation of an existing building to accommodate a facility with focus on entertainment or hospitality (i.e. museum, spa, or theater) including the incorporation of five materials/products from ten categories into the overall design. The existing building is an actual building, but your renovation is theoretical, and without budgetary constraints. Be mindful of the buildings attributes, and be innovative in your intervention.
- 1.1.2 Research and understanding of materials and products from all five categories selected and showcase knowledge as part of your submission. Full details of the existing building, the constraints and requirements, and the rewards are outlined in the competition document set, at <http://www.cscdesigncompetition.com/>.

1.2 Material/Product Categories

- 1.2.1 Entries must incorporate the following product categories into their design.
- 1.2.1.1 Natural Stone
 - 1.2.1.2 Acoustic Treatment
 - 1.2.1.3 Decorative Metal
 - 1.2.1.4 FSC (Forestry Stewardship Council) Certified Wood
 - 1.2.1.5 Glass
 - 1.2.1.6 Architectural Coatings
 - 1.2.1.7 Light Diffusing product
 - 1.2.1.8 LED lighting
 - 1.2.1.9 Living wall and/or green roof
 - 1.2.1.10 Rain water reuse and/or storage

1.3 Registration

- 1.3.1 Registration begins December 1, 2014 and ends April 28th, 2015. All submissions must be in or on before April 30th, 2015. Registration requires a \$25 fee. Entries can be submitted by individuals, or teams consisting of up to 4 people. For details on how to register, please refer to document 00 21 16 Instructions to Proposers.

1.4 Communications Regarding this RFP

- 1.4.1 The competition website URL is: <http://www.cscdesigncompetition.com/>
Please use the following address for specific enquiries: info@cscdesigncompetition.com
- 1.4.2 Questions will be answered via Addendum, ensuring that all Proponents receive the same information.



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1.5 Documents

- 1.5.1 This document set uses the MasterFormat numbering system. For reference, please see <http://masterformat.com/>, and download for free the MasterFormat numbers and titles document <https://secure.spex.ca/siteadmin/freedocuments/images/1.pdf>.
- 1.5.2 All documents forming part of this RFP are available electronically at the competition website. Each document has a document number and a revision number, such as you will see in the footer of this document. Please ensure you have all the documents. All updates will be posted on the competition website as Addenda. It is recommended that you also provide your email address to receive notification of changes, additions, and updates (Addenda).
- 1.5.3 Refer to document list 00 31 00 Available Project Information on the competition website for an up-to-date list of competition documents. Look for the latest revision number.

1.6 Submission Requirements and Format

- 1.6.1 One single PDF file, uploaded in accordance with 00 21 16 Instructions to Bidders. For more detail, please refer to document 00 21 16 Instructions to Bidders.

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1 00 21 13 Instructions to Bidders

1.1 General Parameters:

- 1.1.1 The Project is to encompass the whole building including basement, first and second floors.
- 1.1.2 Initial presentation to be submitted electronically. The top five entries should be prepared to have a physical display which will be showcased during Connection Café in Kitchener, May 20, 2015.

1.2 Submittal Requirements -Posters

- 1.2.1 Provide presentation poster meeting below minimum criteria:
 - 1.2.1.1 Poster size and quantity:
 - 1. Maximum quantity: 3
 - 2. Size 24" x 36"
 - 3. File type: PDF (Portable Document Format).
 - 4. Minimum DPI (dots per inch) 150 dpi
 - 1.2.1.2 Concept Statement: include "Convey your Theme" - maximum 250 words on poster.
 - 1.2.1.3 Minimum drawing criteria:
 - 1. Scale of drawings to convey the intent and be legible with minimum scale of 1:100mm.
 - 2. Include the below drawings on the posters:
 - 1. Floor Plan of each floor
 - 2. Reflected ceiling plan of each floor
 - 3. 2 Interior perspectives
 - 4. 1 Exterior elevation showing Restaurant signage
 - 5. 2 interior sections, each illustrating both floors and 2 interior elevations covering key elevations not illustrated in sections



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1.3 Submittal Requirements -Material Sample Finish Board

- 1.3.1 Provide a material sample finish board with physical material samples from your design concept.
- 1.3.2 Label all materials and indicate location in design concept.
 - 1.3.2.1 Sample finishes board size and quantity:
 - 1. Maximum quantity: 1
 - 2. Size 24" x 36"
 - 1.3.2.2 Electronic Submission: For the electronic submission, include a photograph(jpg) of your material sample finish board. Ensure all labels are legible.

1.4 Submittal Requirements -Booklet

- 1.4.1 Provide booklet meeting below minimum criteria:
 - 1.4.1.1 Booklet Size and quantity:
 - 1. Size: 8 1/2" x 11"
 - 2. Quantity: 1 Booklet
 - 1.4.1.2 Concept Description
 - 1. Maximum 800 words
 - 1.4.1.3 Specification of one of the five products selected from the ten options below, based on CSC recommended format and presentation style:
 - 1. Natural Stone or Tile
 - 2. Acoustic Treatment
 - 3. Decorative Metal
 - 4. FSC/SFI/CSA Wood
 - 5. Glass
 - 6. Architectural Coatings
 - 7. Light Diffusing Product
 - 8. LED Lighting
 - 9. Wall and or Green Roof
 - 10. Rain Water Reuse and/or Storage
 - 1.4.1.4 Description and location of the specific materials individually chosen to address each five of ten categories selected and incorporated into your design from listed above.



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1.5 Submittal Procedure - Electronic Submission

- 1.5.1 Submit your initial submissions electronically using Dropbox file sharing system.
- 1.5.2 You will be required to create a dropbox account, and you will be responsible for uploading your own submissions. Your submissions will only be shared with and viewable by the CSC Student Design Competition committee.
- 1.5.3 Please follow the below instructions to create a Dropbox account, create a folder to share with the CSC Student Design Competition Committee, and upload your submissions for entry into the competition:
 - 1.5.3.1 Go to <https://www.dropbox.com/>. On the top right corner click on "Log in", then click on "Create an account". You will require an active email address.
 - 1.5.3.2 Once you have created an account, you will need to log in to create and share a folder with the CSC Student Design Competition Committee. You can log in here: <https://www.dropbox.com/register#login>
 - 1.5.3.3 Once you have logged in, there are tabs on the left-hand side of your screen that say "Dropbox", "Sharing", "Links", "Events", and "Get Started". Click on the "Sharing" tab.
 - 1.5.3.4 Then click on the tab near the top of your screen that says "Share a folder".
 - 1.5.3.5 A pop-up will give you two options to create and share a new folder, or share an existing folder. Choose the former, and create a folder with this name type "CSC- SDC - FirstName LastName". Click "Next".
 - 1.5.3.6 You will then be asked to invite collaborators to this folder. Please enter the email address "info@cscdesigncompetition.com". Click "Next" and you are done creating and sharing a folder.
 - 1.5.3.7 To upload your submissions, you must open your folder and click on the "Upload" icon near the top.
 - 1.5.3.8 Submissions will then be shared with the CSC Student Design Competition committee who will assess them and contact the finalists.
 - 1.5.3.9 Please contact at "info@cscdesigncompetition.com" if you encounter any issues.

Good Luck!

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