

**Project Name: Algonquin College EDC-CTBS and Related SWT Civil Works Project, Ottawa, Canada.**



**Project Description:**

The EDC-CTBS complex is a \$94.5M (CAD) co-venture between Algonquin College of Applied Arts and Technology and the City of Ottawa for an integrated 16,700m<sup>2</sup> Building Trades College facility and Light Rapid Transit Terminal in Ottawa, Canada, presently under construction, and scheduled for completion in late summer 2011.

The project is funded by a combination of Federal, Provincial and Municipal education and infrastructure grants as well as from significant contributions from the private sector.

**Mr. Davies' Responsibility on the Project:**

Mr. Davies' role involved consulting with the College, the City, their legal counsel, project managers, advocate architects, engineers and cost consultants with a view to developing a workable 'one-stop' solution to their various and diversified but very specific needs.

Several alternatives were considered by the team culminating in Mr. Davies recommending and crafting a custom designed Fixed-Price (\$63.5M) Best-Offer, Guaranteed Term, Supplemented Design-Build (Document 14 -2000) form of contract incorporating two major cash allowance Design-Bid-Build (\$2.4M and \$28.6M) sub-component contracts (CCDC 2 -2008 and CCDC 18 – 2001) for the City's bridge and civil components of the work.

Front-end and coordinated procurement documents were conceived, prepared and completed by Mr. Davies as a sub-consultant to MHPM Project Managers Inc. These documents formed the basis for a competitive procurement process administered by MHPM on behalf of the College.

Three potential Design-Builders were pre-qualified and each were paid an honorarium to develop a maximum

value design solution based on pre-determined minimum criteria. The contract was awarded to the Design-Builder who offered the best combination of overall design plus the most significant and appropriate (in context) number of value added components that exceeded the fixed criteria established by the Owner and its advocate consultants all within the pre-established Fixed Price.

The winning proposal went to EllisDon Corporation.

Throughout the procurement process Mr. Davies provided ongoing consulting services and assisted the Owner with the evaluation of the proposals.

Further consultation followed the award of contract with regard to establishing and verifying submissions from the Design-Builder for customized wrap-up insurance and bonding requirements fashioned to meet the strict time constraints imposed by the Federal government as a requirement for funding.

**Relevance of the Project:**

Mr. Davies is both a specialist in procurement and one of Canada's leading experts in the Design-Build method of procurement. He is a Fellow of the Canadian Design-Build Institute and a Chartered Arbitrator. This unique combination of skills was employed by the co-venturers on this project in order to secure a problem free procurement and administration that meets all the needs and impositions placed on them within the limits of the conditional funding for the project.

The photograph (courtesy of Algonquin College) is taken from the winning design which is currently being developed by Diamond & Schmitt Architects Incorporated and Edward J. Cuhaci and Associates Inc., (Architects in Joint Venture) to a LEED™ 'Platinum' performance standard.

**Client:** Algonquin College of Applied Arts and Technology: procurer, administrator and agent for the City of Ottawa, Canada.

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