



Minutes - Final
General Committee

Monday, March 27, 2017

5:00 PM

Sir Robert Barrie Room

GENERAL COMMITTEE REPORT
For consideration by Barrie City Council on April 10, 2017.

The meeting was called to order by Mayor Lehman at 5:02 p.m. The following were in attendance for the meeting:

- Present:** 8 - Mayor, J. Lehman; Councillor, B. Ainsworth; Councillor, R. Romita; Councillor, D. Shipley; Councillor, B. Ward; Councillor, A. Prince; Councillor, A. Khan; and Councillor, M. McCann
- Absent:** 3 - Councillor, P. Silveira; Councillor, M. Prowse; and Councillor, S. Morales

STAFF:

Chief Administrative Officer, C. Ladd
City Clerk/Director of Legislative and Court Services, D. McAlpine
Deputy City Clerk, W. Cooke
Deputy Treasurer, M. Jerney
Director of Business Development, S. Schlichter
Director of Corporate Facilities, R. Pews
Director of Recreation Services, B. Roth
Executive Director of Innovate Barrie, R. Bunn
Executive Director of Invest Barrie, Z. Lifshiz
Facility Capital Project Supervisor, J. Liefel
Fire Chief, B. Boyes
General Manager of Infrastructure and Growth Management, R. Forward
Manager of Facility Planning and Development, L. Worton
Manager of Legal Services, A. Mills
Manager of Marketing and Communications, C. Harris.

The General Committee met and reports as follows:

17-G-062 PRESENTATION REGARDING INTEGRATED PROJECT DELIVERY AND FIRST RESPONDERS CAMPUS

Rick Pews, Director of Corporate Facilities provided a brief overview of history of Integrated Project Delivery and introduced Markku Alison, Director of Engagement and Strategy of CHANDOS Construction Ltd.

Mr. Alison provided a presentation regarding Integrated Project Delivery (IPD) and its benefits compared to traditional models. He discussed slides concerning the following topics:

- The different relationships between stakeholders utilizing IPD versus a traditional model for a design and construction project;
- The IPD Guide;
- The contractual and behavioural principles associated with IPD and the catalysts for use of IPD;
- The traditional design process versus the IPD design process and how IPD shifts the timing of balanced and informed decisions on a MacLeamy Curve to when the cost of a design change is low and the ability to impact cost and functional capabilities is high;
- The benefits of the IPD approach in a complex relationship between cause and effect;
- How complexity emerges in projects and the impact on the patterns of decisions;
- The design and construction of a building as a series of decisions over a period of time;
- The increased complexity associated with building design and construction today;
- IPD allowing stakeholders to:
 - Navigate complex and interconnected decisions that would typically cross contractual boundaries in a traditional approach;
 - Achieve collaboration between parties by working together for the good of the project; and

- Understand the ramifications of design decisions at the time the decision is made.
- The differences between IPD and the traditional design, bid, and build approach;
- The benefits associated with utilizing IPD, including examples related to:
 - Reducing the time to project certainty;
 - Maximizing the value delivered;
 - Increasing the visibility, transparency and rigor associated with decision-making; and
 - Enhancing the reliability of project outcomes using target value design.
- The experiences from other projects in achieving results below the expected, allowable and target cost;
- The use of IPD for the First Responder's Campus Project; and
- The greater understanding and control achieved over the construction process as well as long term project outcomes associated with stakeholders being able to collaborate efficiently in a "Big Room".

Mr. Pews discussed leadership and innovation related to construction projects and the industry. He concluded by reviewing the next steps in the process, noting that staff will be completing the validation process and will be seeking approval to proceed with the First Responders Campus Project from the parties in May and June of 2017.

Members of General Committee asked a number of questions of the presenters and received responses from Mr. Alison, City staff and County of Simcoe staff. (File: A19)

This matter was recommended to City Council for consideration of receipt at its meeting to be held on 4/10/2017.

The meeting adjourned at 6:10 p.m.

CHAIRMAN