

APPENDIX B – REFERENCES

THE FOLLOWING CITY OF WINNIPEG DOCUMENTS ARE REFERENCED IN THIS REQUEST FOR PROPOSAL

Accessibility Design Standards(2015, third edition)

http://winnipeg.ca/ppd/Documents/Planning/UniversalDesign/Access_Design_Standards.pdf

Universal Design Policy

http://winnipeg.ca/ppd/Universal_Design.stm

General Conditions for Construction(2006-12-15)

http://winnipeg.ca/matmgt/gen_cond.stm

Standard Construction Specifications

<http://winnipeg.ca/matmgt/Spec/Default.stm>

Cost Estimate Classification System

May 2014 (Attached)

Tree removal Guidelines

http://www.winnipeg.ca/publicworks/parksOpenSpace/UrbanForestry/PDF/2014_Tree_Removal_Guidelines.pdf

Our Winnipeg (Adopted July 12, 2011)

<http://www.winnipeg.ca/interhom/CityHall/OurWinnipeg/pdf/OurWinnipeg.pdf>



City of Winnipeg Cost Estimate Classification System

May 2014

ESTIMATE CLASSIFICATION*	PROJECT DEFINITION	DESIGN % COMPLETE	ACCURACY OF COST ESTIMATE
Class 1	Detail Design Drawing and Specification Complete, Pre-Tender Estimate	~90% - 95%	-5% to +10%
Class 2	Design Development in progress	~60%	-10% to +20%
Class 3	Preliminary Design, for Budget Authorization	~30%	-20% to +30%
Class 4	Feasibility Study	~10%	-30% to +60%
Class 5	Concept Screening, Rough Order of Magnitude Estimate	~1%	-50% to +100%

Scalable	Project/Program scope can be adjusted to fit the Budget	N/A	N/A
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Cost Estimate Class Descriptions

- Class 1 Estimates prepared based on completed detail design documentation (plans and specifications) as well as complete project delivery plans.
At pre-tender estimate stage.

- Class 2 Estimates prepared in progressive detail from a class 3 and are used to establish a contract value against which decisions can be made to revise the scope of the project and manage risk at a specific milestone in the design development.

- Class 3** Estimates based on completed preliminary design documentation. This Class 3 estimate will form the basis for budget authorization and set initial control estimate against which project deliverables will be measured (i.e. on budget).**

- Class 4 Estimates prepared based on limited information with some engineering work completed and preliminary scope determination.

- Class 5 Rough estimate prepared based on very limited information with no engineering work completed. Used to make an assessment of initial viability and for long range capital planning.

- Scalable Scalable projects/programs will be sized according to the final budget authorization.

* Determined using the Association for the Advancement of Cost Engineering (AACE) International Recommended Practices 17R-97, 18R-97 & 56R-08

** City Auditor has recommended that a Class 3 estimate is prepared one year in advance of construction