

## APPENDIX C – RISK MATRIX

Risks and Responsibilities	Design Builder	City of Winnipeg
<b>Planning and Design</b>		
Accuracy of Existing City Drawings and Reports	X	
Design Builder Design Schedule	X	
City Design Review Schedule		X
Availability of City Specified Equipment		X
Budgeting	X	
Loss of Key Individuals on DB team	X	
Planning and Design Quality, Completeness and Accuracy	X	
<b>Construction</b>		
Scheduling Construction Activities	X	
Conflict with City Maintenance		X
Conflict with Unplanned Pump Outages		X
Conflict with Other City Projects		X
Obtaining Permits and Meeting Permit Requirements	X	
Design Builder Submissions	X	
City Compliance Review Design Builder Submissions Schedule		X
City Work Stoppages		X
Design Builder Work Stoppages	X	
Availability of City Supplied Equipment		X
Pre-defined Hazardous Materials at the Site	X	
Unforeseen Pre-existing Hazardous Materials at the Site		X
Condition of Existing City Owned Equipment		X
Construction Works	X	
Equipment Delivery Schedules	X	
QA/QC	X	
Adverse Weather	X	
Security of Construction Site and Equipment	X	
Damage to Existing Infrastructure	X	
Tie-ins with Existing Plant or Site Infrastructure	X	
<b>Commissioning</b>		
Commissioning Plan and Schedule	X	
Scheduling of City Review of Commissioning Plan		X
Conflict with City Maintenance		X
Conflict with Unplanned Outages		X
Conflict with Other City Projects		X
Availability of City Staff		X
Commissioning, Training, O&M, Construction Records	X	
Coordination with Operations to Avoid Interferences	X	
System Performance to Meet Contract Technical Requirements	X	