Appendix D - SAMPLE BASIS OF ESTIMATE FORM

	BoE Summary
Investment Title	
Date	
BoE Author	
BoE Reviewer(s)	
BoE Approved by	
Department	
Business Case ID	
Project Scope Description	
Estimate Classification	
Key Scope Elements or Requirements	
Assumptions	
Out of Scope	
Risks and Opportunities	
Contingencies	
Operating Budget Impact	
Estimating Team	
Reference Documents	
Major Changes from Previous Estimate	
General Comments	

Construction Costs Constructility Costs Hydro Communi Communi	Sub-total Sub-total uction & Engineering Sub-total unication - MTS unication - Shaw Sub-total cquisition	Class of Construction Estim Const. Set of Co	Estimate	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$		Work Undertake	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	January 0, 1900 Total \$0 \$9 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		0	% c 0	o o	Work Under	o O	0	Chec Tota % 1009 0% 0% 0% 0% 0% 0% 0%
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Proje	oject Sub-total before Charges		60	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-							
ummary of Inte	terest and Admin Overhea	d Charges	1															
	Overhead / Admin Charges	-	50	\$0	\$0	\$0	\$0	\$0	\$0	\$0								
	Corporate Interest	2.00%	60	\$0	\$0	\$0	\$0	\$0	\$0	\$0	% increase o	ver base						
To	Total Project Cost		30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-							
			Adm	ninistrative C	Overhead Char	rges Detail												
	Total Project Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	Total \$0								
3	3rd Party Share of Project Costs City's Share of Project Costs		\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0								0%
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	Corporate Interest	2.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0								
			0	1	Operating Bud	dget Impact Deta	ail 4	5	6	7	8	9						
	Salaries and Benefits		0	1	2	3	4	5	б	/	8	9						
	Materials, Parts and Supplies Other				\$0	\$0	\$0	\$0	\$0	\$0								

				Clas	ss of Estimate							
	Investment	0		Olas	Date	0						
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	Dir. :	Davolonno: - f :	dolivorable ber		C Deliverable has been reviewed and approved							
	Blank		deliverable has not beg	С	as appropriate.							
	s		deliverable has begun.		n/a	Not applicable. The deliverable does no						
	Р	Work on the deliver excepting final revie	able is advanced and m wand approvals.	ay be complete,		BoE Author's Determin (highlighted selection)	ation					
				Table 1 - Classifi	Class 3	Class 4			Comments			
1	Characteristic Project Definition	Weighting Primary	Class 1 65% to 100%	Class 2 30% to 75%	10% to 40%	1% to 15%	Class 5 0% to 2%		Comments			
2	End Usage	Secondary	Tender Check	Semi-Tender	Budget	Study	Screening					
			Detailed Unit Cost with	Detailed Unit Costs with	Semi-detailed Unit Cost	Parametric Models.	SF (sq.ft.) Factoring,					
3	Methodology	Secondary	Detailed Take-off Cost	Forced Detailed Take-off Cost	with Assembly Level Line Items	Assembly-Driven Models	Parametric Modeling, Judgment, Analogy					
4	Expected Accuracy (from Appendix 2 - Cap Bug) Secondary		High: +3% to +10% Low: -3% to -5%	High: +10% to +20% Low: -5% to -10%	High: +20% to +30% Low: -10% to -20%	High: +30% to +60% Low: -20% to -30%	High: +60% to +100% Low: -30% to -50%					
			_									
	Table 2 - Supporting Class of Estimate Rationale The following table is used to provide the supporting rationale for selecting the above characteristics.											
			The following table is	used to provide the su	upporting rationale fo	r selecting the above	characteristics.					
1	General Project Data General Scope Descrip	ntion	Defined	Defined	Defined	Preliminary	Assumed	n/a				
2	Project Location		Specific	Specific	Specific	Approximate	Assumed General	n/a n/a				
3	Functional Space Req Standards Requirements	(m2)	Specific Defined	Specific Defined	Defined Defined	Preliminary Preliminary	Started Assumed	n/a n/a				
5	Total Capacity		Defined	Defined	Defined	Defined	Assumed Preliminary	n/a n/a				
6	Electrical Capacity		Defined Defined	Defined	Defined	Defined Preliminary	Preliminary	n/a				
7	Soils / Hydrology Report Integrated Project Plan		Defined Defined	Defined Defined	Defined Defined	Preliminary Preliminary	None None	n/a n/a				
9	Project Master Schedule		Defined	Defined	Defined	Defined	Approximate	n/a				
10	Work Breakdown Structure Project Code of Accounts		Defined Defined	Defined Defined	Defined Defined	Defined Defined	Preliminary Preliminary	n/a n/a				
12	Contracting Strategy		Defined	Defined	Defined	Preliminary	Assumed	n/a				
13	Escalation Strategy / Basis		Defined	Defined	Defined	Preliminary	Assumed	n/a				
14	Design Deliverables Standards Drawings		С	С	С	S/P		n/a	I			
15	Site Plan		c	С	c	S/P	s	n/a				
16 21	Existing Site Plan Demolition Plan and Drawings		c c	C C	C P	S/P S/P	S	n/a n/a				
22	Utility Plan and Drawing	'	c	c	P	S/P		n/a				
23	Site Electrical Plan / Drawing		С	С	P	S/P		n/a				
24 25	Site Lighting Plan / Drawing Site Comm Plan / Drawing		c c	c c	P P	S/P S/P		n/a n/a				
26	Erosion Control Plan / Drawing	l	С	С	P	S/P		n/a				
27 28	Stormwater Plan / Drawing Landscaping Plan / Drawing		c c	C	P P	S/P S/P		n/a n/a				
29	External Elevations (Structure)		С	С	Р	S/P		n/a				
30 31	Interior Elevations (Structure) Interior Section Views		c c	P C	S P	S/P		n/a n/a				
32	Partition or Wall Types		С	С	S/P	S/P		n/a				
33 34	Finish Schedule Door Schedules		c c	C P	P P	S/P S/P		n/a n/a				
35	Window Schedules		С	Р	Р	S/P		n/a				
36 37	Restroom Schedules Furniture Plans / Schedules / D	Prawings	C C	P C	P P	S/P S/P		n/a n/a				
38	Signage Drawings / Schedules	ı	С	Р	Р	S/P		n/a				
39 40	Fire Protection Plan / Drawings Room Layout Plan / Drawings	s	c c	С	P P	S/P S/P		n/a n/a				
41	Foundation Plan / Drawings		С	С	Р	S/P		n/a				
42 43	Foundation Section / Details Structural Plan / Drawings		c c	C	P P	S/P S/P		n/a n/a				
44	Structural Section / Details		С	С	Р	S/P		n/a				
45 46	Roof Plan Drawings / Details Material / Equipment Specs		C C	C C	P P	S/P S/P		n/a n/a				
47	Building Envelope / Moisture P Flashing Details	rotection /	С	С	P	S/P		n/a				
48	Mechanical / HVAC Plan / Drav	vings	С	С	Р	S/P		n/a				
49	Mechanical / HVAC Details	_	С	P P	S/P			n/a				
50 51	Mechanical / HVAC Schedules Flow Control Designs		С	P P	S/P P	S/P		n/a n/a				
52 53	Plumbing Plan / Drawings Plumbing Details		c c	C P	P S/P	S/P		n/a n/a				
53 54	Plumbing Details Plumbing Riser Diagram		C	P P	S/P S/P			n/a n/a				
55	One-Line Electrical Diagram		C C	С	P	S/P		n/a				
56 57	Electrical Power Plan Interior Lighting Plan / Drawing	gs	c c	C P	P S/P	S/P		n/a n/a				
58	Security Plan / Drawings		С	Р	S/P			n/a				
59 60	Emergency Communication Pla Life Safety Plan / Drawings	an / Drawings	c c	P C	S/P S/P	S		n/a n/a				
61	Lightning Protection Plan		С	Р	S/P			n/a				
62 63	Motor Control Diagram Lighting Control Drawings		C C	P P	S/P S/P			n/a n/a				
64	Lighting Schedules		С	Р	S/P			n/a				
65 66	Electrical / Panel Drawings Equipment Schedule		c	P P	S/P S/P	s		n/a n/a				
67	Info Systems / Telecom Plan		С	Р	S/P	_		n/a				
68	Info Systems / Telecom Details		С	Р	S/P			n/a				
							Overall		Class 3			