Appendix I – Application Environment

Project Team	A	B	C	D

Skill sets	▪ Powerbuilder
	▪ Delphi
	▪ PeachTree
	▪ Quest software Toad
	▪ Visual Studio
	▪ Visual Studio.net
	▪ Adobe tools (PDF, graphics),
	▪ Adobe Acrobat
	▪ Adobe Frame maker,
	▪ Microsoft office suite,
	   o MS project
	   o MS Visio
	   o MS outlook
	   o MS Access
	   o MS Excel
	▪ PatternStream
	▪ MSDE (Microsoft database engine),
	▪ Oracle (database)
	▪ Microsoft O/S's
	   o 2000 server,
	   o NT
	   o XP platforms
	   o IIS 5
	
	▪ Lyris ELMS (Email software),
	▪ MSDS (Material Safety Data Sheets software),
	▪ Hummingbird RM/DM (record/document Management),
	▪ Ascent Capture (scanning software),
	▪ Pattern Steam (Budget book publishing software),
	▪ Framemaker (publishing software)
	▪ Remedy ARS (Problem Tracking System),
		▪ Oracle
		▪ Advanced SQL to handle Oracle's spatial functionality
		▪ MS Access
		▪ Toad
		▪ IIS
		▪ Intergraph products: Web Map Pro, GeoMedia Pro, GeoMedia Data Warehouse Toolkit, GeoMedia Grid
		▪ MapInfo
		▪ ASP, VB
		▪ ASP.NET, VB.NET
		▪ Java Script, VB Script
		▪ HTML
		▪ Project Management
		▪ Ortho Photo Knowledge
		▪ RFP Development
			▪ Oracle
			▪ DB2
			▪ IMS
			▪ MS SQL Server
			▪ Cognos
			▪ Others defined in CBF Software RFP
			▪ Geomedia tools
			▪ Master Data Management products (integration and cleaning tools)
			▪ Data Modelling
				▪ PeopleTools
				▪ Oracle
				▪ Toad
				▪ App Designer
				▪ App Engine
				▪ Crystal
				▪ PS Query
				▪ nVision
				▪ SQR
				▪ PeopleCode
				▪ SQL
				▪ COBOL
				▪ DataMover
				▪ Tools for Tracing
				▪ Tools for Debugging
				▪ Integration Broker / Messaging
				▪ Security concepts and their implementation in PeopleSoft

	▪ CMS (Content Management System) ▪ Knowledge of accounting including A/R, City General ledger. ▪ Knowledge of Realty/Business Tax			

Current volumes for customers	o MANTA – Business Tax and Realty Tax Collection System2.5 FTE/Year
	o Corporate Finance – Tax and Revenue Branch
	o 100 internal users
	o 300 Oracle tables
	o Database size 25 Gb
	o Oracle PLSql 3 Mb
	o Powerbulder 90 Mb code
	o 100 screens
	o 200 reports (including tax bills and notices)
	
	  RCS - Tax Revenue Collection System
	o .1 FTE/Year
	o Corporate Finance – Tax and Revenue Branch
	o 10 internal users
	o 26 Oracle tables
	o Database size 2 Gb
	o Oracle PLSql <1 Mb
	o Powerbulder 5 Mb code
	o 10 screens
	o 10 reports
	
	  City Tax - Displays Taxataion and Assessment Data on the Web
	o .5 FTE/Year
	o Corporate Finance – Tax and Revenue Branch
		▪ General Administration
		  o 168 days - .107 FTE
		▪ Planning
		  o 97 days - .062 FTE
		▪ Training Staff (E.g. project leader to a developer or developer to developer to do assignments)
		  o 45 days - .028 FTE
		▪ Annual LBIS Chargebacks
		  o 23 days - .015 FTE
		▪ Training programs
		  o Classroom
		    ▪ GeoMedia Pro Course (2 full days with 15 students) 5 courses
		    ▪ 11 days - .007 FTE
		    ▪ iView (half day course with 15 students) – 6 courses
		    ▪ 4 days - .002 FTE
		  o One-on-One Training
		    ▪ GeoMedia Pro (3.5 hour
			Peoplesoft: 41 databases, 816,000 tables, 1415 GB, 1-2 FTE
			
			Cognos Powerplay: 275 MB, 176 Users, .25 FTE
			
			HR Internet: 2 databases, 62 tables, 200 MB, .10 FTE
			
			Tax: 23 Databases, 2400 tables, 100 GB, .75 FTE
			
			Misc. Corporate Systems (Project Status; HR Intranet; IPNET; Phone; RIS; SIS): 2 databases, 200 tables, 1.1 GB, .2 FTE
			
			Document Management System: 1 database, 99 tables, 700 MB, .10 FTE
			
			CMS Class System: 4 databases, 740 tables, 1 GB, .10 FTE
			
			EMIS: 2 Databases, 16 tables, 8.5 GB, .10 FTE
			
			Assessment: 2 Database, 54 Tables, 4 GB, .20 FTE
			
			Parking Tickets: 3 databases, 366 Tables, 12 GB, .50 FTE
				▪ Issue resolution and development for existing Financials and HR PeopleSoft application consumes 7 FTE for developers, 1.5 FTE for managers. Corporate HR and Corporate Finance split of 3.5 and 5.0 FTE's respectively
				▪ Issue resolution and development for existing PeopleSoft Budgeting performed for Corproate Finance consumes 1.5 FTE developers and .25 FTE for managers
				▪ ARS Remedy cases on an annual average basis by PeopleSoft module:
				  o A/P – 47
				  o I/C – 10
				  o G/L – 155
				  o P/O – 73
				  o Proj. – 20
				  o Proc. Sched. – 32
				  o T & L – 33
				  o Payroll – 123
				  o Attend. Mgmt. – 20
				  o Base HR – 54
				  o Benefits – 27
				  o Health/Safety – 14
				  o Recruitment – 67

o 150 internal users
o 1000 external users
o 300 Oracle tables
o Database size 25 Gb
o Oracle PLSql 3 Mb
o Web - Html/Asp/VB 10 Mb
o 25 screens
o 10 reports
 	
PeachTree Accounting Pkg used for invoicing Legal Line
o .1 FTE/Year
o Corporate Finance – Tax and Revenue Branch
o 5 internal users
o Uses Legal Line database
o Oracle PLSql <1 Mb
o 5 screens
o 5 reports (including tax bills and notices)
 	
Tax Archieve - Archieved Mainframe Data
o .05 FTE/Year
o Corporate Finance – Tax and Revenue Branch
o 60 internal users
o 21 Oracle tables
o Database size 7 Gb
o Oracle PLSql <1 Mb
o Web - Html/Asp/VB 4 Mb
o 5 screens
o 0 reports
	session) 6 sessions
	▪ 5 days - .003 FTE
	▪ MapInfo (3.5 hour session) 20 sessions
	▪ 10 days - .006 FTE
	▪ Vendor Relationship Management
	  o Intergraph – 16 days - .01 FTE
	  o MapInfo – 2.5 days - .002 FTE
	▪ Infrastructure evergreen upgrades occur approximately every 2-years requires full application testing.
	▪ Custom SmartStore Publishing
	  o 6 days - .003 FTE
	▪ AsmtPreview – In 2005
	  o 203,828 visits
	  o 558 average visits per day
	  o 20 days support - .01 FTE
	▪ iView Toolkit
	  o 57 days - .037 FTE
	▪ iView – In 2005
	  o 203,478 visits
	  o 557 average visits per day
	  o 935,777 total maps produced
	  o 81 days support - .05 FTE
		Water Billing (DB2, IMS): 5 Databases, 42 tables, 800 MB, .25 FTE
		
		LBIS: 80 Databases, ?? tables, 18.5 GB, 1.25 FTE
			o Training – 13
			o Self Serve – 22
			o
			▪ Issue resolution and development for existing decision support analysis (Cognos) consumes .5 FTE developer of which 75% is for Corporate HR and 25% is for Corproate Finance.
			▪ Training and business process support for existing PeopleSoft applications consumes .5 FTE of which 60% is for Corporate Finance and 40% is for Corporate HR
			▪ Project management, vendor relationship management, RFP development consumes .75 FTE and is provided to Corporate Finance and Corporate HR 50% each

	FFS - Fee For Service - City Tax
	o .05 FTE/Year
	o Corporate Finance – Tax and Revenue Branch
	o 5 internal users
	o 12 Oracle tables
	o Database size 100 Mb
	o Oracle PLSql <1 Mb
	o Web - Html/Asp/VB 2 Mb
	o 3 screens
	o 2 reports
	
	MiscAdds - Miscellaneous Adds to Tax Roll
	o .01 FTE/Year
	o Corporate Finance – Tax and Revenue Branch
	o 10 internal users
	o 10 Oracle tables
	o Database size 12 Mb
	o Oracle PLSql <1 Mb
	o Web - Html/Asp/VB 5 Mb
	o 10 screens
	o 0 reports
	
	Epost - Create Epost file for Tax Notices
	o .01 FTE/Year
	o Corporate Finance – Tax and Revenue Branch
	o 5 internal users
	o Uses Manta Database
	o Oracle PLSql <1 Mb
	o Web - Html/Asp/VB 4 Mb
		▪ iViewE – In 2005
		   o 18,143 total maps produced
		   o 7 days support - .004 FTE
		▪ ICiView – In 2005
		   o 2527 total maps produced
		   o 6 days support - .003 FTE
		▪ PADiView – In 2005
		   o 25,275 visits
		   o 69 average visits per day
		   o 114,773 total maps produced
		   o 4 days support - .002 FTE
		▪ ClerksMap – In 2002 election year
		   o 1524 visits
		   o 4 average visits per day
		   o 6562 total maps produced
		   o In 2005 (non election year)
		      ▪ 553 visits
		      ▪ 1 average visit/day
		      ▪ 1847 total maps produced
		      ▪ 1 day support - .000632 FTE
		▪ Local Improvements		

	o 3 screens
	o 2 reports
	
	WW Display - Display WW mainframe data on web
	o .01 FTE/Year
	o Corporate Finance – Tax and Revenue Branch
	o 20 internal users
	o 7 Oracle tables
	o Database size 700 Mb
	o Oracle PLSql <1 Mb
	o Web - Html/Asp/VB 5 Mb
	o 3 screens
	o 0 reports
	
	Legal Line - Customer billing System for Legal Line requests
	o .01 FTE/Year
	o Corporate Finance – Tax and Revenue Branch
	o 5 internal users
	o 20 Oracle tables
	o Database size 90 Mb
	o Oracle PLSql <1 Mb
	o Delphi 23Mb
	o Web - Html/Asp/VB 1 Mb
	o 2 screens
	o 2 reports
	
	Tax Calc - Realty and Business Tax Caculator
	o .01 FTE/Year
		o 1.5 days - .0007 FTE
		▪ Zoom to Address and Intersection
		  o Approximately 180 users. Assume 5 zooms/day.
		  o 4 days support - .002 FTE
		▪ Underground Structures (UGS)
		  o 20 days support - .013 FTE
		▪ GeoCode
		  o 6 days support - .004 FTE
		▪ FlexLM
		  o 12 days support - .008 FTE
		▪ Data Consolidation and Distribution
		  o SDI – 166 days - .106 FTE
		  o MapInfo – 11 days - .007 FTE
		▪ Ortho photos "evergreened" every three years
		  o 85 days - .05 FTE
		▪ GIS Research
		  o 21 days - .013 FTE
		▪ External-Data Sharing/GIS Relationships
		  o 20 days - .013 FTE
		▪ Emergency Preparedness
		  o 39 days - .025 FTE
		▪ Licensing Management
		  o Allocated 39 node locked Intergraph licenses in 2005
		  o Manage 6		

	o Corporate Finance – Tax and Revenue Branch o all internal users o On internet no restriction o Uses City Tax Database o Web - Html/Asp/VB 1 Mb o 1 screens o 0 reports SIS – Strategic Interviewing System (being developed now) o 9 months to develop o Corporate Service – Human Resources o .2 FTE/year support o 20 internal users, 0 external users o 20 Oracle tables o 50 MB data in Oracle o ASP & ASP.net o 100 screens o 20 reports JDTS – Job Description Tracking System o .1 FTE/year support o Corporate Service – Human Resources o 10 internal users, 0 external users o 3 Oracle tables o 5 MB data in Oracle o ASP & HTML o 10 screens o 3 reports	concurrent Intergraph software licenses. o 25 days - .015 FTE ▪ Misc software Licensing management o 13 days - .008 FTE ▪ LBIS Service Desk o 151 days - .096 FTE		

	Arbitration System o .1 FTE/year support o Corporate Service – Human Resources o 4 internal users, 0 external users o 2 Oracle tables o 4 MB data in Oracle o ASP & HTML o 9 screens o 3 reports E-recruitment o .1 FTE/year support o Corporate Service – Human Resources o 15 internal users, 0 external users o 5 Oracle tables o 15 MB data in Oracle o ASP & HTML o 20 screens o 5 reports ELMS – Email List Management System (shrink wrap) o .4 FTE/year support o Chief Administative Office – Corporate Communications o 15 internal users, 0 external users o 80 MSDE tables o 100 MB data in MSDE o Tickle, ASP & HTML o 60 screens			

	o 30 reports MSDS – Material Safety Data Sheets (shrink wrap) o .1 FTE/year support o Corporate Service – Human Resources o 6 internal users, 0 external users o 9 Oracle tables o 200 MB data in Oracle o ASP & HTML o 20 screens o 10 reports DMS - Document Management System (shrink wrap) o .4 FTE/year support o Corporate Finance – Tax and Revenue Branch o 40 internal users, 0 external users o 80 Oracle tables o 500 MB data in Oracle o ASP, VB & HTML o 80 screens o 30 reports E-directory (city's custom Phone directory System) o .2 FTE/year support o Chief Administative Office – Corporate Communications o 25 internal users, 0 external users o 20 Oracle tables o 100 MB data in Oracle o ASP & HTML		

	o 40 screens
	o 6 reports
	
	  CityWeb systems (programming support for Winnipeg.ca
	    and Citynet)
	o .2 FTE/year support
	o Chief Administative Office – Corporate Communications
	o 6000 internal users, 100,000 external users
	o 1000 Oracle tables
	o 5 GB data in Oracle
	o ASP & HTML
	o 1000 screens
	o 300 reports
	
	  Budget publishing systems (Operating, Capital, and
	    Overview) (shrink wrap)
	o .4 FTE/year support
	o Corporate Finance – Financial Planning and Review
	        Branch
	o 15 internal users, 0 external users
	o 100 Oracle tables
	o 500 MB data in Oracle
	o Patternstream code, ASP & HTML
	o 30 screens
	o 30 reports
	
	  RIS – Reporting Information System
	o .05 FTE/year support
	o Chief Administative Office – Corporate Communications
	o 5 internal users, 0 external users			

	o 5 Oracle tables
	o 100 MB data in Oracle
	o ASP & HTML
	o 10 screens
	o 20 reports
	
	  CMS – Content Management System (TBD) (shrink wrap
	    ?)
	o .4 FTE/year support
	o Chief Administative Office – Corporate Communications
	o 100 internal users, 0 external users
	o 100 Oracle tables
	o 5 GB data in Oracle
	o .NET, ASP & HTML
	o 100 screens
	o 30 reports			