PART E

SPECIFICATIONS

PART E - SPECIFICATIONS

GENERAL

E1. GENERAL

E1.1   These Specifications shall apply to the Work.

E2. SERVICES

E2.1   The Work to be done under the Contract shall consist of:

(a)   The provision of fulltime onsite City Corporate and Departmental database and Cognos administration and support ending December 31, 2005

(b)   Provision of technical support and database administration, including problem determination and resolution, for Oracle, Oracle Spatial, Sybase, DB2 (EDS mainframe) and IMS (EDS mainframe) database management systems (DBMS),

(c)   Provision of technical and administrative support for Cognos Impromptu, Cognos Internet Web Reports, Cognos Query and Cognos Powerplay tools and servers.

(d)   Provision of guidance to City of Winnipeg programmers in the use of above mentioned DBMSs.

(e)   Perform regular monitoring, tuning and reorganization of above mentioned DBMSs.

(f)   Support a central repository of Oracle spatial data for our Land-Based Information System (LBIS). Assist in the gathering of geospatial data from different departments of the City of Winnipeg to populate this repository data sharing purposes.

(g)   Support the City's GIS (Geographic Information Systems) User Community with database administration services used in conjunction with the City's adopted GIS toolset (Intergraph's Geomedia Suite of tools as well as the City's own web-based iView mapping product.).

(h)   Support daily refresh procedure of Reassessment databases with data from Assessment and Tax department.

(i)   Support of Water and Waste IMS and DB2 databases from EDS mainframe service provider.

(j)   Support of Parking Tickets application mainframe DB2 databases from EDS mainframe service provider.

(k)   Other database administration duties as assigned by Corporate Information Technology's (CIT) Information Resource Coordinator or Land Based Information Systems Coordinator.

E2.2   Bidder should be proficient with the following DBMS's and versions as specified in Section 2.9: DB2 (mainframe), IMS, Oracle and Oracle Spatial, and Sybase.

E2.3   Bidder should be proficient in CICS, Telon, PL/I, PL/SQL, Assembler, and Visual Basic languages.

E2.4   Bidder should be proficient in Cognos administration as well as Cognos Impromptu, Powerplay, Query and Internet Web Reports products.

E2.5   Bidder should be familiar with Intergraph's Geomedia Suite of tools, including GeoMedia Professional V5.1, GeoMedia WebMap V5.1, GeoMedia Public Works, GeoMedia Parcel Manager, GeoMedia WebMap V5.1, and GeoMedia Transaction Manager V5.1.

E2.6   Familiarity with some of the City's applications (Assessment CAMA, Police Parking Tickets, Water and Waste Billing System) would be a definite asset.

E2.7   Bidder shall provide one fulltime contractor with onsite availability at 510 Main St. during the regular business hours of 8:30 a.m. to 4:30 p.m. CST Monday-Friday, and ending December 31, 2005.

E2.8   Bidder shall provide overtime and on-call availability outside of regular business hours, including weekends, as required providing necessary support of databases.

E2.9   Software platforms and databases to be supported:

> EDS Mainframe:
>> OS: Z/OS R1.2
>> IMS: IMS DB V8.0
>> DB2: V7.1

> Cognos:
>> Powerplay: V7
>> Cognos Query: V7
>> Impromptu DeskTop V7

> Oracle:
>> RDBMS: 8i and 9i
>> Spatial cartridge: 8i and 9i

> Windows:
>> 2000 server, NT, and XP platforms
>> IIS 5

> Unix:
>> Sun Solaris

> Geographic Information Systems (GIS) Software:

>> GeoMedia Professional V5.1
>> GeoMedia WebMap V5.1
>> GeoMedia Public Works
>> GeoMedia Parcel Manager
>> GeoMedia WebMap V5.1
>> GeoMedia Transaction Manager V5.1
>> MapInfo Version 7.5