1.4   EDP Environment

1.4.1   Software

PeopleSoft HRMS is a commercial software product that offers a broad range of human resource functions to the HR specialist, manager and employee. It runs in a client/server environment with a GUI front end and a variety of RDBMS and server platforms. The Department has chosen a centralized database approach with the application running locally on individual LANs and PCs. The DBMS to be used is ORACLE version 7.

PeopleSoft HRMS makes use of a variety of third party products and tools for reporting and downloading of data (e.g., Crystal Report Writer, MS Excel, MS Word). For development/customization, a prorietary PeopleSoft tool called PeopleTools is used.

1.4.2   Workstations

PeopleSoft HRMS will be accessed through MS Windows using a PC. The recommended minimum specifications were identified as part of the technical evaluation.

1.4.3   Local Area Networks

The majority of PeopleSoft users will be using the system through any one of over 50 Local Area Networks in place across the country. The majority are Pathworks LANs with VAX/VMS servers. There are also several Novell LANs installed in various locations across the country. There may be a small percentage of potential users that will not have direct access to a LAN.

A recent study in the department has recommended a move to NT for all sites in the department. In all likelihood, this will occur over the period of proposed contract(s).

1.4.4   Data Base Server

The database will reside on a DEC Alpha station 1000 running OpenVMS.

1.4.5   Wide Area Network

For the most part, the network (Net) architecture is based on high-speed leased digital circuits connected to multi-protocol routers. For those locations where the cost of a router has not yet been justified, access is still provided via a private X.25 packet switching network.

Over the next three years, the department will likely upgrade to a Frame Relay configuration.