Executive Summary

Problem Statement: Saint Anthony Hospital operates its main hospital and six (6) community based clinics across four (4) of the poorest neighborhoods of Chicago's south and west side. Many in this community speak English as a second language, have difficulty communicating and do not have a good understanding of technology or its usage. The combinations of poverty, poor education, communication skills, and lack of financial resources are a significant barrier to owning and or gaining access to computer technology and Internet based resources. This in turn becomes a barrier to information access regarding job opportunities, healthcare services, youth and educational services, and other important and useful information. Addressing the Need: The Saint Anthony Hospital (SAH) Public Computer Center (PCC) will provide 115 computer workstation seats open to the public at no cost across seven (7) networked locations. All of these locations will be open at least 48 hours a week including 8 hours on Saturday. This important resource will empower these communities to be proficient users of broadband technology and provide access to needed information, training, programs, and services. The main computer center location will house fifty-five (55) workstation seats. Twenty-nine (29) of these seats will provide semi-privet cubicle's for the public's use. Twenty-six (26) of the seats will be in a group training room that will allow for re-configuration of the workstation groupings. This enables versatility of the facility to conduct group training, seminars, and facilitated literacy sessions. The workstations in the training room will also be utilized for general usage when facilitated sessions are not being conducted. The main center will also have a guard shack staffed with a certified security guard whenever the center is open. The security guard will monitor the public's use of the local and remote workstations from a state-of-the-art video surveillance monitor. Using a video surveillance enabled PC, the guard will be able to zoom and playback all camera video feeds. All camera feeds will be recorded and stored for at least a week's time. The main centers group training room will also be equipped with a ceiling mounted video projector and motorized viewing screen that can be retracted for storage. The video conferencing equipment is also state-of-the-art and will incorporate a mobile camera that uses 3G or 4G wireless broadband service. This allows for un-tethered capture of community, healthcare or other events in the hospital or around the city. These video streams can be viewed in realtime or stored, edited, and played back as hospital usage dictates. The computer centers command and control technology equipment will also be housed here in a technology closet and equipment rack. This equipment will be highly automated and will automatically maintain the software configuration of all workstations and execute common management task on its own. This will lower the staffing requirements for the center and decrease the operational cost to run and operate the center. There will be a total of sixty (60) additional computer workstation seats across the other six (6) clinical locations. One (1) of the clinical locations will
have a live security guards. Four (4) locations will have workstations that are vandal resistant, with all equipment being either behind glass and or secured and un-moveable. One (1) location will have controled access by the receptionist. The public computer center will have a total of twelve (12) workstations that are designed to provide people with disabilities access, "Americans with disabilities Act" (ADA). These workstations are "wheel chair" accessible and have special software that allow for enhanced voice command recognition, screen image magnification, reading and voice play back of documents and screen information. The ADA workstations will also have special mouse devices, and keyboards to assist the physically disabled. Software Resources, Education & Training: The PCC will have a website that acts as a starting point for all users. From its first web page, users will be able to access Microsoft Office applications like Word, Excel, PowerPoint and Publisher so they can do homework, write letters, or prepare presentations. Other options will be a web portal that aggregates web search engine links, web based technical literacy training modules on PC hardware / software components and functions, healthcare training modules on a vast number of subjects like obesity, diabetes, heart health, and access to hospital services information like senior, youth, and community wellness programs and clinical locations, hours of operations and available services. Information on community events, activities, job postings, and other topics will be available as well. Areas to Be Served: These four neighborhoods, Little Village, Lawndale, Brighton Park, and Marquette Park have a total population of 423,620 people living there according to the year 2000 census. These communities are primarily made up of Hispanic, Latin Americans and African Americans. The largest Hispanic population in the Midwest live here and more than 60% of the population lives under the poverty line. Approximately 31% have less than a 9th grade education and only 6% have a college degree. Applicant Qualifications: The executive and technical teams at Saint Anthony Hospital have a proven track record of planning and implementing projects of this nature. This team has recently completed the upgrade of the technical infrastructure of their patient records and physician order entry system. Like the PCC, this solution involved network circuits, computer server and storage units, as well as end-user personal computers. The management of multiple suppliers and coordination of complex project task are a core competency of this team. Project Management (PM) best-practices and the planned use of trusted OEM"s and knowledgeable and experienced suppliers have been incorporated. The plan is also based on five months of assessment, community involvement, and municipal coordination. Jobs Created or Saved: The implementation of this Public Computer Center will renovate seven physical locations providing for 108 construction jobs over a one (1) year period. The project will provide 22 technical implementation jobs over the life of the project, and seven (7) new full time operational positions add to the hospital staffing for a total of 137 jobs. Overall Cost: The Saint Anthony Hospital Public Computer Center project will cost $3,685,945. This cost consists of $2,913,772 in federal support and $772,173 in matching support both cash and in-kind.