

FAR 39.104 Information technology services

When acquiring information technology services, solicitations must not describe any minimum experience or educational requirement for proposed contractor personnel unless the contracting officer determines that the needs of the agency—

(a) Cannot be met without that requirement;

Technical Skills (proposed candidates must U.S. Citizens):

- Five or more years experience administrating Linux Operating Systems (specifically RHEL and/or CentOS and/or Fedora);

Experience with the following:

- Linux network administration, including IPv4 and IPv6 address configuration, editing firewall rules (e.g., iptables), and Network Address Translation;
- Ext3/4 file systems, Infiniband interconnect, batch queuing systems, license managers, GPU-based computers including relevant software
- Basic PKI administration, including creating and updating SSL certificates;
- Installing compilers and application software from tarballs as well as through package management systems, and building installation packages (e.g. rpms) from source
- Large (tens of terabytes) file systems in general and the Lustre file system

Ability to:

- Install, configure, and monitor Linux servers
- Configure and administer IPA, Mailman, Apache, Mediawiki
- Troubleshoot existing Python and BASH scripts as well as to extend them with new functionality
- Create and deliver presentations to various audience
- Produce written user documentation
- Remotely administer hardware

Familiarity with:

- Hadoop, Apache Spark, VMware vSphere, ESXi server, Windows 7, Windows Server 2008 and 2012, tape archival systems

All contractor employees who fill a sensitive IT role that requires privileged access shall meet the background investigation requirements of the designated IT level as set forth in SECNAV M-5510.30, "Department of the Navy Personnel Security Program Manual". Contracts involving NPS IT systems or IT-related duties will incorporate the security requirements specified therein and in accordance with applicable policy and guidance sections of the Defense Federal Acquisition Regulations (DFAR).

Educational Requirements: A B.S. and/or a graduate degree in an IT-related field or 5+ years experience in IT System Administration.