GEOGRAPHIC INFORMATION SYSTEM
REMOTE SENSING ANALYST 2

Nature of Work

Under general supervision, performs highly responsible administrative and technical work in operating and managing remote sensing hardware and software resources that affects the user community. Work involves design, operation, and management of remote sensing hardware and software resources with the context of programs and policy directives. Work includes coordination of remote sensing hardware and software activities; assistance in managing remote sensing hardware, software, and service vendor contracts; participation in planning and organizing remote sensing development activities; and other remote sensing hardware and software-related activities. Work is performed independently within established policies, procedures, and guidelines and is reviewed through reports, conferences, and remote sensing project performance. Performs related work as required.

Examples of Work

Manages remote sensing hardware and software resources; confers and coordinates with GIS Manager, user organizations, and GIS/remote sensing personnel to determine user needs.

Oversees all remote sensing hardware and software operations; supervises remote sensing functions directly or through remote sensing staff and groups all activity associated with implementation, operation, and enhancement of remote sensing hardware and software.

Coordinates contracts with remote sensing hardware, software, and related service vendors.

Oversees installation, testing, and acceptance of remote sensing hardware and software. Responsible for adherence to applicable standards for remote sensing hardware and software.

Coordinates maintenance and service contracts with remote sensing hardware and software vendors.

Develops procedure for remote sensing applications and oversees operations.

Monitors remote sensing application and operation performance.

Responds to user questions and resolves remote sensing application and operation problems.

Evaluates requirements for remote sensing upgrades and contributes to the selection and procurement of remote sensing hardware, software, and related services.

Uses World Wide Web hardware and software to make remote sensing data available to larger user community.

GIS REMOTE SENSING ANALYST 2 (CONT'D)

Knowledge, Skills and Abilities
Knowledge of remote sensing hardware and software components and
    techniques.
Knowledge of automated mapping and spatial information processing
    methods and techniques.
Knowledge of remote sensing (raster) database design and
    structure.
Ability to coordinate with remote sensing staff and users on
    remote sensing hardware and software needs and issues.
Ability to translate technical concepts and terminology in terms
    understandable to management, department officials and users.
Ability to establish and maintain effective relationships with
    user departments, administrative officials, and employees.
Ability to communicate effectively, orally and in writing.

Minimum Qualifications
    TRAINING: Bachelor's degree, including six semester hours in
        computer science or GIS from an accredited four-year
        college or university. Preference may be given to those
        with a major in geography, cartography, geology, forestry,
        natural or earth sciences, environmental sciences,
        engineering, engineering technology, mathematics, computer
        sciences, planning or a related field.
    EXPERIENCE: Five years of full-time or equivalent part-time
        paid experience in GIS activities.
    SUBSTITUTION: Master's degree from an accredited college or
        university in the above preferred fields may be substituted
        for two years of the required experience. Doctorate degree
        from an accredited college or university in the above
        preferred fields may be substituted for three years of the
        required experience.

Established: 11/15/01
Effective: 1/1/02