

Design Engineer VI

Position Summary:

A highly experienced, upper management position, the Design Engineer VI designs, develops and provides services/products for air transportation industry clients by applying engineering principles and technologies so as to exceed clients' expectations.

Tasks:

The incumbent performs a variety of engineering planning, design and construction phase assignments on a range of airfield projects such as:

- Horizontal and vertical geometry
- Grading and drainage
- Erosion and sediment control
- Pavement
- Quantity take-offs
- Phasing Constructability
- Project Scheduling
- Prepares clear and concise reports
- Cost Estimating
- Marketing
- Prepares plans and specifications
- Interprets Federal Aviation Administration and other regulatory design standards

Knowledge, Skills and Abilities:

General Knowledge:

- Aviation knowledge or experience required
- Thorough and extensive knowledge of current principles and practices of civil engineering as related to the variety of aspects affecting our organization
- Applies knowledge and expertise acquired through progressive experience to resolve crucial issues and or/or unique conditions
- Informed of new methods and developments affecting our organization and recommends new practices or changes
- Thorough and extensive knowledge of other site disciplines (mechanical, electrical, plumbing)

Technical Responsibilities and Skills:

- Serves as a technical specialist in the application of advanced concepts, principles, and methods in area
- Informed of new developments and requirements affecting our organization for the purpose of recommending changes in programs or applications
- Interprets, organizes, executes, and coordinates assignments
- Skilled in Civil engineering/design/CADD software and other PC software packages typically associated with engineering is required
- Skilled in AutoCad Civil 3D is required
- Proficiency in scheduling software preferred

Abilities

- Advanced and highly effective written and verbal communication skills Advanced and effective written and verbal communication skills which also includes successfully communicating technical information to non-technical persons
- Routinely interacts with clients, customers, officials, contractors, and others
- Leads project meetings and client presentations
- Represents the organization and maintains liaison with individuals and related organizations
- Willingness and ability to work pre-determined and unscheduled hours beyond 40 hours as needed
- Work under adverse conditions such as inclement weather and around heavy construction

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Managerial Responsibilities:

- Supervises a staff of engineers and technicians
- Plans, schedules, or coordinates the preparation of documents or activities for multiple major projects or responsible for an entire program
- Assists in the identification, development, and maintenance of proposal leads
- Leads components of programs of critical importance
- Develops standards and guidelines

Physical Requirements:

- Vision- near, color vision, and ability to focus:
 - Near Vision Acuity- requires clarity of vision at 20 inches or less and ability to read small text/print on documents and computer screen
 - Color – ability to identify and distinguish colors
 - Adjust focus- ability to adjust the eye to bring an object into sharp focus
- Light physical activity- requires exertion up to 20 lbs. of force and/or up to 10 lbs. of force frequently, and/or a negligible amount of force constantly to move objects
- Sitting- remains in seated position for extended periods of time
- Work under adverse conditions such as inclement weather and around heavy construction

Qualifications:

- Bachelor of Science or Master of Science Degree in Civil Engineering or Engineering Technology from an ABET/EAC accredited program
- Minimum 10 years of engineering experience
- Professional Engineer License required

Attributes:

- Team player
- Enthusiastic, resourceful, and effective service attitude
- Self-starter
- Comfortable working in a fast paced and frequently changing environment with multiple and competing deadlines.

Disclaimer:

The above statements are intended as only a summary of the typical functions, general nature and level of work being performed by persons in this job. It is not an exhaustive or comprehensive list of all job responsibilities, tasks, and duties. ADCI management reserves the right to amend and change, as necessary, any responsibilities, tasks or duties to meet business and organizational needs.

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I have reviewed and understood the preceding job functions required of the position should I be offered and willing to accept an offer of employment with Airport Design Consultants, Incorporated. I am prepared to meet the requirements of the position:

Without additional accommodation

With reasonable accommodation described below:

I am not prepared to meet the responsibilities of this position.

Signature

Date

Print Name