

# MORTON & PITALO, INC. - JOB DESCRIPTION

## ASSOCIATE ENGINEER

|                    |                              |                     |             |                   |                    |
|--------------------|------------------------------|---------------------|-------------|-------------------|--------------------|
| <b>Location:</b>   | All                          | <b>Department:</b>  | Engineering | <b>Job Title:</b> | Associate Engineer |
| <b>Supervisor:</b> | Project Manager/Sr. Engineer | <b>FLSA Status:</b> | Non-Exempt  | <b>Job Class:</b> | 16                 |

### **SUMMARY:**

Associate Engineer assists in planning, designing, and directing civil engineering projects by performing the following duties. Typically reports to senior engineer for project manager and operates with a limited degree of latitude with general supervision. May act as project engineer on smaller projects.

### **ESSENTIAL DUTIES AND RESPONSIBILITIES**

- Prepares and monitors project budgets for smaller, less complex projects.
- Responsible for project schedules and timely completion of smaller, less complex projects.
- Serves as a project engineer and as a designated client contact when necessary.
- Assists in the coordination of pricing, estimating, scoping and marketing strategies for proposed projects.
- Assists in the preparation of engineering agreements for his/her projects within the department.
- Prepares design computations and quantity estimates.
- Develops probable construction cost estimates for his/her projects within the department.
- Attends client meetings - days or evenings.
- Responsible for control of work-in-process, ensures accurate client billings, and monitors outstanding accounts receivable and collection efforts on his/her projects.
- Analyzes reports, maps, drawings, blueprints, tests, and aerial photographs on soil composition, terrain, hydrological characteristics, and other topographical and geologic data to plan and design project.
- May direct and supervise other engineer's activities
- Handles routine contract administration.
- Prepares or modifies reports, specifications, plans, construction schedules, environmental impact studies, and designs for project.
- Instructs draftspersons / technicians to convert designs to working drawings.
- Visits construction site to monitor progress and other duties per the contract documents.
- Serves as onsite project representative.
- Uses computer assisted engineering and design software and equipment to prepare engineering and design documents.
- Other duties may be assigned as necessary to meet business requirements

### **QUALIFICATION REQUIREMENTS:**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### **EDUCATION and/or EXPERIENCE:**

Bachelor's degree in engineering from an accredited four-year college or university and a minimum of (2) two years experience with land development practices/processes or the equivalent thereof.

### **LANGUAGE SKILLS:**

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Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

### **MATHEMATICAL SKILLS:**

Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations. Ability to apply concepts of basic algebra, geometry, trigonometry and financial functions.

### **REASONING ABILITY:**

Ability to define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.

### **CERTIFICATES, LICENSES, REGISTRATIONS:**

Preferred: Licensed Professional Engineer (PE) in the State of California  
Required: Engineer in Training (EIT) Civil Engineering  
Valid Drivers License

### **PHYSICAL DEMANDS:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently required to sit and talk or hear. The employee is occasionally required to stand; walk; use hands to finger, handle, or feel objects, tools, or controls; reach with hands and arms; and stoop, kneel, crouch, or crawl.

The employee must frequently lift and/or move up to 20 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, depth perception, and the ability to adjust focus.

### **WORK ENVIRONMENT:**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee occasionally works in outside weather conditions, possibly for extended assignments.

The noise level in the office work environment is usually moderate. The noise level on the construction site is often high.