

THE ROLE OF THE PROJECT ENGINEER

The Project Engineer is a critical component to the construction team. The PE is a direct assistant to the PM. As a technical support layer, the PE is the conduit to the field and all related field process discovery and tracking. A typical PE workload will include project bidding, management support for 2-3 projects in the field, as well as close out activities. A PE will often work primarily in the office, but with opportunities to spend extended amounts of time on site as certain projects demand. There is also opportunities for project specific level PE's who will focus on projects rather than PM support teams.

Roles and Responsibilities:

- Be the direct PM support layer and flexible as projects come up
- Manage the bid process with PM oversight
- Track change order pricing
- Help track to overall project schedule
- Manage the submittal and RFI process
- Plan management (file, distribute, keep current on Plan Grid)
- Manage the project within Sage
- Make job walks
- Administrative Support in all areas of project documentation
- Help manage PC support (if available)

Qualifications:

- Level 1 – Entry-level PE. A 4 year degree with a construction related major (related engineering, architecture or 4 years of related general contractor activity or a demonstrated in depth knowledge of the role. Time in level 1 is generally 3 to 5 years. Learning path – complete level 1 PE learning path content.
- Level 2 – Sr. PE. Sr. PE has completed level 1 requirements.

Typical Career Path:

- A Sr. level PE career
- Project Management
- Site Superintendent