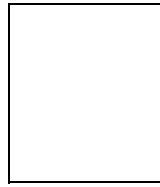


CAROLINA CADWorks



Why outsource CAD drafting services to Carolina CADWorks?

Whether your workload exceeds capacity or your company can't justify staffing a full-time drafting position, outsourcing CAD services is a very cost effective solution. When you consider the cost to retain a permanent employee - salary, benefits, hardware, software and training - vs. the expense of contracting with the pros at Carolina CADWorks, the value is clear:

The average annual cost of a staff Sr. CAD Drafter in the construction industry in Greenville, SC*:

Salary	\$47K
Benefits	\$22K
Software, Hardware & Training	\$ 7K
TOTAL	\$76K

Carolina CADWorks fees are tailored project by project.

*Source: www.salary.com, 2009

CAROLINA CADWorks

Penrod Services, LLC
P.O. Box 1153
Mauldin, SC 29662
(864)386-9625
www.CarolinaCADWorks.com
info@CarolinaCADWorks.com

CAROLINA CADWorks



Delivering on-call support and services to the construction and manufacturing industries since 1997.

- **CAD Drafting & Design**
- **LEAN, 5s, TPM & Value Stream Mapping**
- **Facility Planning & Documentation**
- **Project Management**

PENROD Services, LLC

CAROLINA CADWorks

CAD Drafting, Design & Layouts

- Design & Product Development
- Drafting Support
- Project Layouts
- Manual drawing conversion
- Drawing revisions
- Assembly & mechanical drawings
- Piping, electrical & other schematic drawings
- Construction drawings
- Plant & process layouts
- CAD standards, libraries, blocks, attributes, xref & training
- Plotting capabilities:
 - Black & White
 - Color
 - "A" - "E" sizes
 - Sizes up to 36" x 108"

Facility Planning & Documentation

- Creation of facility CAD drawings from manual & project drawings
- Drawing & Media support of LEAN, Value Stream Mapping, TPM, & 5S processes
- Product flow documentation
- Manufacturing processes documentation
- WIP & finished goods storage areas planning based on current customer requirements
- Utility & mechanical processes documentation
- Facility expansion / process upgrade CAD documentation
- Capacity planning & documentation

Project Management

- Assist with creation of scope of work documents
- Create and distribute RFQ's/RFP's
- CAD documentation for scopes of work & RFQ's/RFP's
- Vendor / contractor contact research
- Project management support
- Data collection
- Database creation
- Custom Excel applications
- Project & product research

Penrod Services, LLC began offering overflow CAD support for local businesses in South Carolina in 1997. 12 years later, we've delivered CAD drafting, facility planning & documentation, and project management services in Mexico, Europe, Russia and China.

Carolina CADWorks provides, an on-call support and services resource with the capabilities to undertake construction and manufacturing projects at any stage. Consider us as a value-added expansion of your staff working collaboratively with your team.