



AV Design Engineer

DESCRIPTION

This position is responsible for project requirement discovery from direct client and overseeing the preparation of detailed audio video system designs and cost estimates. Trains and directs AV Design Engineers.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Attend bid meetings and site surveys
- Review RFPs to understand scope of work to bid
- Review estimates and revisions for completeness and accuracy
- Execute take-offs of documents
- Work with manufacturers and distribution to obtain pricing for materials
- Stay current with emerging technologies
- Assist with beta testing new equipment
- Work with management to determine labor capabilities and rates, equipment and other requirements
- Perform project hand-offs with team upon project reward
- Prepare change order pricing for on-going project work when required
- Train and direct AV Design Engineers
- Other duties as assigned

JOB REQUIREMENTS

- High School Diploma or equivalent
- 5+ years experience developing AV system designs
- 5+ years experience developing cost estimates
- Strong knowledge of AutoCAD software
- Sound knowledge of engineering design principles
- Design GUI and Control Interfaces (numerous manufacturers)
- Good numeracy and computer skills
- Strong attention to detail
- Good communication skills
- Knowledge of material properties
- An understanding of manufacturing processes and construction methods

JOB REQUIREMENTS (CONTINUED)

- Good problem-solving skills
- Ability to work effectively as part of a team
- Ability to meet deadlines
- Ability to travel
- Ability to train and direct others
- Ability to prioritize and plan work activities
- Ability to meet deadlines
- Ability to climb or reach
- Ability to see things at close vision, in color and in focus
- Ability for repetitive motions of wrist, hand, or fingers
- Ability to lift and/or move up to 10 pounds

The worker is subject to inside environmental conditions.