

PETER DING, P.E.

Professional Experience

Wood, Plymouth Meeting, PA

Estimator

May 2025 – Present

- Prepare comprehensive cost estimates across CSA (Civil, Structural, Architectural), Electrical, and Mechanical disciplines for Life Science and Pharmaceutical projects from conceptual to final IFC stages.
- Analyze early-stage project scopes and collaborate closely with project teams to evaluate feasibility, identify key risks, and provide recommendations to clients on whether to proceed with projects.
- Actively participate in client meetings to clearly communicate budget assumptions, risks, and value-engineering opportunities, helping stakeholders make informed decisions.
- Conduct detailed quantity take-offs and pricing across multiple disciplines, ensuring accuracy, competitive pricing, and alignment with overall project goals.
- Coordinate directly with engineers, architects, and project managers to select appropriate specifications, materials, and systems, optimizing cost-effectiveness and project efficiency.
- Support risk analysis and strategic bid reviews, effectively advising internal teams and owners on potential cost savings, constructability improvements, and overall project viability.

CRB, Conshohocken, PA

Mechanical Estimator

Mar 2024 – May 2025

- Supported cost estimation for multi-disciplinary projects in life sciences and industrial sectors, with a primary focus on HVAC, plumbing, process piping, and fire protection systems.
- Contributed to labor and material estimates, adapting them to project requirements across various stages of development.
- Engaged with subcontractors and vendors to enhance estimate accuracy for various contract types, including Lump Sum, GMP, and T&M.
- Collaborated closely with design team and construction teams to align cost expectations with project objectives and maintain transparent reporting.
- Assisted in standardizing estimating procedures and updating cost databases, contributing to efficient, consistent processes across the region.

Herman Goldner Co., Inc., Philadelphia, PA

Mechanical Estimator

Jan 2020 – Feb 2024

- Performed detailed estimations for HVAC, plumbing, and process piping projects ranging from \$100K to \$50M, ensuring compliance with project requirements and contract terms.
- Worked directly with project managers and field teams, gathering insights from construction sites to support accurate cost projections and informed bid preparation.
- Used Trimble AutoBid to enhance the efficiency of bid preparations, integrating field knowledge for improved project cost control.
- Coordinated with site teams throughout project stages, facilitating adjustments and supporting smooth transitions from bidding to execution.
- Developed reliable relationships with local vendors and subcontractors, helping secure resources and maintain continuity throughout project phases.

Five Star, Inc., West Chester, PA Project Manager May 2018 – Dec 2019

- Managed all stages of HVAC and plumbing projects, from initial bid preparation to final commissioning, ensuring alignment with project scope and high-quality standards.
- Monitored construction timelines, working closely with site teams and subcontractors to adhere to schedules and address any on-site issues.
- Prepared project documentation and conducted site inspections, ensuring all installations met engineering standards and contract specifications.
- Developed a well-rounded understanding of project lifecycles and contract requirements, contributing to effective site operations and successful project outcomes.

Education

- **BS in Petroleum Engineering, Marietta College** Date: 2015-2019
Minor: Finance and Engineering Leadership GPA: 3.17

Certifications

- Professional Engineer (PE) License, PA (2024)
- The 2019-2020 Philadelphia Chapter ASHRAE Basic HVAC Course
- Preparatory Institute for Project Management MCAA (2020)

Skills

- **Preconstruction and Site Analysis:** Assists with site analysis and preconstruction planning, contributing to efficient project setup and cost control through practical field insights and preparation.
- **Contract and Bid Management:** Experienced in preparing hard bids and understanding contract terms, ensuring project objectives align with cost estimates and client requirements.
- **Estimating Software and Data Management:** Skilled in Sage Estimating and Trimble AutoBid for productive and accurate estimations. Familiar with Autodesk Construction Cloud (ACC) products, including AutoCAD, Revit, and ACC Takeoff, to facilitate efficient digital planning and coordination.
- **Project and Contract Management:** Understands the project lifecycle from estimation through completion, with hands-on experience managing timelines and budgets for mechanical systems.
- **Effective Communication with Subcontractors and Vendors:** Builds strong relationships with vendors and subcontractors, supporting smooth project execution and reliable material sourcing.
- **Problem-Solving in Construction Environments:** Adaptable to on-site challenges, leveraging experience in retrofits and upgrades to address complex issues effectively and ensure project continuity.

References

Wood: <https://www.woodplc.com/>
CRB: <https://www.crbgroup.com/>
Herman Goldner Co., Inc.: <https://goldner.com/>
Five Star Inc.: <http://www.fivestarmechnical.com/>