

Bob Herman

Cost Estimator

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Technical knowledge of material and labor cost estimating, project cost control, cost engineering and scheduling principles, engineering design criteria and field construction procedures. I have a strong working knowledge of Excel data base and graphics presentation, P3 & P5 Scheduling program applications, Sure Track, Prolog, and Power Point. I have done Cost and Schedule Variance Analysis using DOE/EIA -748 Earned Value Management System (EVMS). Eight years experience working in DOE Environment and Nuclear Facilities. I have provided sub-contractor oversight, reviewed work order scope and unit pricing estimates. Processed change orders and contract payment authorizations.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Cost Estimator

Progress Energy - Crystal River, FL - 2011 - 2011

Perform Material Quantity take-off and Unit Pricing for New and Modified EPC projects. Develop Class 2 and class 4 Estimate based on Engineering Change Documents (EC), utilizing bottoms up estimating technique to establish detailed cost. Responsibilities included:

- Establish and maintain files and file structure for future reference.
- Review Project Scope documentation
- Review Issued for Construction Drawings
- Develop Material Quantity Take-offs
- Develop Unit Pricing Standards
- Establish Site Specific Productivity Factors
- Estimate Direct Labor Man-hours
- Estimate Field Construction Indirect
- Estimate Material and Equipment Cost
- Estimate Sub-Contract Cost

BOB H.J. HERMAN

Construction Administration Cost Estimator

Construction Administration Department of USEC American Centrifuge Plant - Piketon, OH - 2010 - 2010

Perform Material Quantity take-off and Unit Pricing for a Gaseous Diffusion Plant EPC project. Develop Class 2 Estimate based on 172 Construction Work Packages (CWP), utilizing bottoms up estimating technique to establish detailed cost. Responsibilities included:

- Establish and maintain files and file structure for future reference.
- Review Project Scope documentation
- Review Issued for Construction Drawings
- Develop Material Quantity Take-offs
- Develop Unit Pricing Standards
- Establish Site Specific Productivity Factors

- Estimate Direct Labor Man-hours
- Estimate Field Construction Indirect
- Estimate Material and Equipment Cost
- Estimate Sub-Contract Cost

Senior Cost Control Specialist

Point Beach Nuclear Plant - Two Rivers, WI - 2008 - 2009

PBNP is owned and operated by the Florida Power and Light Energy Inc. of Juno Beach, Florida (FPLE).

CPA

Point Beach Nuclear Plant - 2008-10 - 2008-10

Primary duties include controlling cost for several projects associated with plant modifications and most recently with the plant outage (October, 2008) including:

- Processing Contract Payment Authorizations (CPA) and Contract Change Orders (CCR) using PASSPORT and SAP software.
- Providing support to the Accounting Department and Project Managers for month end financials.
- Provide assistance during development of PBNP annual and five-year project plan.
- Provide daily review of project accruals and cost valiance analysis.
- Document and validate sub-contractor timesheet
- Validate sub-contractor unit price and total invoice.
- Track sub-contractor costs and physical progress during the outage.
- Develop Project Control Procedure Outline for plant implementation.

BOB H.J. HERMAN

Project Controller

Ref-Chem., L.P - Odessa, TX - 2006 - 2007

Was assigned as Field Cost/Scheduling Engineer to DuPont Borderlands project located in El Paso, Texas. Primary duties include developing and maintaining project control document used by the project team to effectively manage projects to successful completion. Responsibilities include:

- Setting up Budgets
- Setting up Projects
- Implement Invoicing Plans
- Maintain Cost Reports
- Verify Cost Codes & Payroll
- Invoice Lump sum Contracts
- Develop Field Change Orders
- Setup & Track Documents
- Develop Bid Schedules
- Maintain Change Order Logs
- Closing Purchase Orders
- Conducting Independent Audits for Progress
- Approving Invoices from Suppliers
- Tracking physical progress of civil and mechanical construction activities
- Providing Project Manager weekly project status report
- Providing Project Manager weekly updates of construction schedule including 3 week look ahead

Project Control Engineer for a CLARA

MWHC - Barnwell, SC - 2004 - 2005

While with MWH Constructor, I provided project management services to the United States Enrichment Corporation (USEC) for the Starmet CMI CERCLA Site in Barnwell, South Carolina. The Starmet CMI Site has historically been a depleted Uranium processing facility. Overall project objective is the removal and subsequent disposal of the material associated with uranium hexafluoride (UF6) and uranium tetrafluoride (UF4) conversion material. Most of this material is either UF4 or calcium fluoride (CaF2).

MWHC Duties and Responsibilities are:

Cost / Schedule:

- Maintain Daily Work journal (DWJ) in Prolog, adjusting crews & equipment as appropriate.
- Collect and review sub-contractor (laborers) timesheets for entry in the DWJ
- Update daily Drum and Bag production log (excel spreadsheets)
- Update project team onsite days and trip log (excel spreadsheets)
- Routinely enter invoice costs into Prolog equipment tab and communicate with PA's on cost coding.
- Collect and review sub-contractor (Rad Engineers and HP technicians) timesheets and adjust Prolog DWJ man-hours.
- Collect copies of expense report receipts
- Provide support in the development of weekly schedules and cost updates (P3, Suretrack, Prolog)

Procurement / Invoicing:

- Review sub-contractor and MWH are monthly invoicing, verifying man-hours, quantities and prices. Maintain list of discrepancies and reconcile any variances.
- Review shipping slips for materials received on site (maintained working desk file)
- Cost code invoices received on site and send to home office.

BOB H.J. HERMAN

Engineer/Project Management Specialist

Virginia Tech Affiliated Corporation - Aiken, SC - 2000 - 2002

As Project Management Specialist, I provided technical support to the U.S. Department of Energy (DOE), Office of Science and Technology's (OST) Subsurface Contaminants Focus Area (SCFA) for the budget preparation and the management and control of soil and groundwater remediation projects throughout the DOE complex. Specific tasks include:

- Prepare annual Congressional Review Budget (CRB).

Produce required estimate and deliverables to clearly communicate, justify, and defend the annual OST congressional budget Request.

- Develop and prepare annual OST Program Execution Guidance (PEG).

Produce required documentation that will be used as the basis for executing and evaluating OST activities. This will include budget spreadsheets and milestones.

- Develop and prepare SCFA Quarterly Business Review (QBR) briefing. This includes:
 - o Approximately 20 briefing slides on Power Point format.
 - o Monthly Cost/Schedule Variance report for projects with greater than 10% variance.
 - o Cost Trend Analysis Charts with BCWS, BCWP, and ACWP data.
 - o A backup book for the SCFA Lead Office, containing program manager reports.

Cost Analyst II

Rust Constructors, Inc - 1997 - 1999

Rust Constructor's Plant Maintenance Group

I was singularly responsible for the following Project Controls related work activities:

- Development and maintenance of resource loaded project schedules and Plant Master Schedule.
- Preparation and issuance of project estimates including labor, material, equipment, subcontract pricing and overhead costs.
- Analysis and publication of unit pricing.

BOB H.J. HERMAN

Scheduler - Safety Services Group

Bechtel Savannah River Company - 1991 - 1995

Responsible for the planning and scheduling of the safety service's safety documentation work for the Nuclear Material Stabilization Program (NMSP) division.

- Developed and maintained resource loaded schedule for ten facilities.
- Prepared and issued monthly updates including budget variance analysis reports.
- Coordinated NMSP division input to the quarterly Department of Energy (DOE) integrated schedule.

Cost Engineer - Defense Waste Processing Facility (DWPF)

- Developed and implemented a cost control program.
- Recommended a trending program to identify potential problem areas, thus reducing cost over-runs.
- Trending program also documented potential back charges due to customer originated changes.
- Implemented a manpower loading chart that accurately tracked craft labor peak demands.

This chart was successfully used in determining labor resource availability.

Scheduler - Replacement Tritium Facility (RTF)

- Responsible for all mechanical scope and correlation to applicable design areas.
- Developed and implemented a database to status all associated mechanical design, procurement, Subcontract and construction activities.

Cost Engineer - Bechtel National, Inc.

- Prepared comprehensive study on construction support services at the Savannah River Site.
- Developed construction performance indicator curve for site indirect man-hours.
- Implemented a project audit trail system that was successfully used at a Department of Energy audit.

Owner

B&H Construction Services - San Francisco, CA - 1985 - 1990

Owned and operated a home improvement construction company in the San Francisco Bay Area.

Cost Engineer/Estimator

Morrison-Knudsen Company - Boise, ID - 1982 - 1984

Developed and implemented project trending and forecasting procedure for a \$13 billion project.

- Supervised development of project baseline estimate.

Cost Engineer/Estimator

Bechtel Petroleum - San Francisco, CA - 1980 - 1982

Responsible for the trend program for a \$1.8 billion oil refining project.

Estimating Supervisor - Proposal Group

BSP Division of Envirotech Corp - Belmont, CA - 1972 - 1980

Developed and implemented Cost Estimating Procedure.

- Responsible for total cost estimate preparation and subcontractor evaluation.

EDUCATION

Industrial Management

College of San Mateo - San Mateo, CA