

CONSTRUCTION MANAGEMENT SOLUTIONS

Proactively Managing Construction to Deliver Safely Built, Quality Projects on Time and on Budget

CONFIDENCE IN OUR ABILITIES

Black & Veatch is committed to delivering reliable and quality solutions to our clients. The ability to provide our clients with several Construction Management (CM) solutions, along with expertise, gives a sense of comfort to the client, knowing that their project will meet or exceed performance requirements, budget and schedule.

FLEXIBLE, TAILORED CM SOLUTIONS

- Program Management
- EPCM
- Owner's Engineer CM
- Program Management/Construction Management (PMCM)
- Construction Phase Services
- Commissioning



PROJECT MANAGEMENT BY EXPERIENCED AND RELIABLE PROFESSIONALS

Witbank, South Africa

SOLUTIONS IN FOUR CORE MARKETS

- Energy
- Water
- Telecommunications
- Federal Services

CHOOSING BLACK & VEATCH

- Superior project management
- Reduce risk
- Full value chain
- Self-perform practices
- Subcontract management
- Experience
- Direct-hire capability
- Startup processes
- Union/nonunion environments
- Global capabilities
- Client focus
- Robust engineering experience/bench strength
- Experienced staff
- World-class qualifications, processes and tools

INTEGRATED CONSTRUCTION MANAGEMENT SERVICES

Upfront Planning	Site Management	Field Engineering
Materials Controls	Construction QA/QC	Project Controls
Commissioning	Labor Relations	Safety & Health

SAFETY

- Manage project-specific safety program
- Provide proactive injury management
- Job Hazard Analysis Program
- Lockout/Tagout LOTO Program
- Drug testing programs
- Administer new employee orientation
- Owner Controlled Insurance Program (OCIP)

QUALITY MANAGEMENT

- Ensure quality installation
- Oversee contractors programs
- Applicable code expertise
- Conduct quality inspections and test plan
- Surveillance/audits
- Facilitate proper documentation and handover

CONSTRUCTABILITY

- Lowest total installed cost solutions
- Value engineering
- Construction subject matter experts
- Optimal operability and maintainability
- Tools and lessons learned

COST CONTROL/SCHEDULE

- Implement project controls program
- Develop/monitor integrated schedule
- Accurately forecast construction costs
- Proactively manage contractor change
- Measure and report progress

COMMISSIONING

- Commissioning-driven project schedule
- Develop commissioning turnover packages
- Chemical cleaning, steam blows and performance testing
- Outage planning, scheduling and coordination
- Operations training and coordination
- Operations & Maintenance (O&M) services

ADDITIONAL SERVICES

- Construction coordination
- Field engineering/document control
- Contract management
- Materials management
- Labor relations
- Closeout support
- Community relations

BUILDING A WORLD OF DIFFERENCE®

Black & Veatch is an employee-owned, global leader in building critical human infrastructure in Energy, Water, Telecommunications and Government Services. Since 1915, we have helped our clients improve the lives of people in over 100 countries through consulting, engineering, construction, operations and program management. Our revenues in 2013 were US \$3.6 billion. Follow us on www.bv.com and in social media.

