



We Listen. We Deliver.

CONSULTING
DESIGN
CONSTRUCTION
COMMISSIONING
QUALIFICATION



About CRB

Founded in 1984, CRB has grown to a staff of over 450 in ten production offices: Kansas City, St. Louis, Raleigh, Philadelphia, San Diego, San Jose, San Juan, Kalamazoo, Boston, and Boulder. The firm has a reputation for being a national leading solutions provider serving primarily the biotech, pharmaceutical and advanced technology industries. CRB delivers in all areas of project execution, from strategic planning and initial project programming, through conceptual and detailed design and into construction, commissioning and validation.

For many years, CRB has been invited by the top private and public companies and institutional leaders in the world to join their team of specialists – to plan, program, design and construct laboratories and manufacturing facilities. From Greenfield campuses to facility expansions and

renovations, CRB has consistently contributed innovative ideas and cost-effective designs and construction management services.

While CRB offers a wide range of design and construction services, it's our approach to these services that distinguishes us from others. The reason is simple; we're not interested in just getting the job done – we're committed to getting it done to your satisfaction.

CRB Markets

- Biotechnology
- Pharmaceutical
- Food & Nutrition
- Mission Critical
- Science & Technology

Media Contact:

Sue Dreckman
sue.dreckman@crbusa.com

Corporate Headquarters:

*7410 NW Tiffany Springs
Parkway, Suite 100
Kansas City, MO 64153*

Phone: 816-880-9800

Fax: 816-880-9898

Web: www.crbusa.com



CRB stays on the cutting edge of new technologies and the trend toward single-use technology.



Serving the Life Science and Advanced Technology Industries

CRB Services

CRB is a full service solution provider that can deliver a fully integrated project. Our services range from planning through production and are able to be bundled or unbundled in order to serve our Clients specific needs.

Strategic Consulting

- Capital Planning
- Facility Evaluations
- Regulatory Assessments
- Optimization
- Bottlenecking Studies
- Cost Estimating

Conceptual Design

- Simulation
- Process Architecture
- Process Flow Diagrams
- Facility Programming
- Utility/Sustainability Analysis
- Energy Modeling
- Feasibility Studies

Detailed Design

- Intelligent PIDs
- 3D Modeling
- Data Centric Documentation
- Architectural
- Mechanical/Electrical/Process
- Piping/Piping Isometrics

Regulatory

- Design Qualifications
- Commissioning Plan
- Validation Master Plan
- FDA Review/Planning
- Risk Assessment
- Safety Audits/Reviews

Construction Management

- Design/Build
- Equipment Procurement
- Cost Estimate/Tracking
- Value Engineering

Process Modules/Skids

- Design
- Procurement
- Construction
- Progress Management
- Factory Assessments

Facility Maintenance

- Maintenance Programs
- Operator Training
- Documentation Management
- Staff Augmentation

Facts:

- ✓ 450 Employees
- ✓ 10 Office Locations
- ✓ \$65M+ Annual Revenue
- ✓ Est. 1984 (Engineers) /1997 (Builders)

Delivering Satisfaction

You will find that our solutions serve your strategic interests. We understand that facility inefficiency hampers technical productivity. We know that if your scientists and other professionals are not provided with efficient / flexible / interactive work environments, the project team has not succeeded. So what we provide is experienced help from people who treat you not simply as clients, but as business partners. We work to make your enterprise succeed.

For more information on CRB, feel free to visit our website at www.crbusa.com or email us at crb@crbusa.com.



Our People Make the Difference

CRB provides a resource of talented architects, engineers and construction experts who will work with you to meet your project objectives. Our people are knowledgeable in your industry, quick to understand your situation, and eager to help you.