



CDG...AT A GLANCE

Construction Dynamics Group, Inc. founded in 1983, is a financially solid Program/Construction Management corporation specializing in the pre-planning, design management, construction management, procurement assistance, inspection, testing and startup of large municipal capital improvement programs. CDG combined forces with ARCADIS in November 2004. CDG is a subsidiary of ARCADIS. ARCADIS is the United States-based operations arm of ARCADIS NV, a multinational engineering company specializing in consulting and implementation services for environment, infrastructure, and facilities. CDG began providing PCM services for environmental projects and has steadily expanded our experience base to include correctional, educational, transportation and library facilities.



CDG's staff is comprised of professional engineers, construction managers, inspectors, architects, schedulers, operations specialists and claims specialists. We are committed to providing quality, highly functional and cost effective facilities.

PCM can be viewed as a total PROJECT MANAGEMENT SYSTEM, which provides an Owner with maximum control of the project's design and construction. PCM includes expertise in technology, design, construction methods, cost appraisals, schedules and management systems. This provides the Owner with the ability to bring organization, proven systems, design and operating expertise and a proven management process to a complicated project.

We have found the result to be:



- Improved communications
- Owner input into the design
- Optimum project control
- Effective control of Owner's monetary resources
- Improved quality and operations
- Time and dollar savings

We serve our clients by assuring that they obtain top quality operable facilities without spending a dollar more than necessary.

PCM includes services and resources, most of which can be offered separately or in any combination.

CDG carefully analyzes an Owner's needs and tailors our team and services to the project accordingly.



**Construction
Dynamics
Group**

 an **ARCADIS** company

CONSTRUCTION DYNAMICS GROUP, INC.

SERVICES PROVIDED BY CDG

PROGRAM MANAGEMENT

- Conceptual Design/Program Development
- Feasibility Studies
- Develop Design Scope of Services
- Design Consultant Selection
- Design Fee Negotiation
- Master Schedule and Budget Development
- Partnering Facilitation
- Design/Build Services
- Project Management Overview
- Commissioning Services
- LEED Program Management

DESIGN/ENGINEERING-PHASE MANAGEMENT

- Design Phase Schedule Development
- Design Reviews
- Engineering Analysis
- Design Phase Schedule Management

COST MANAGEMENT

- Market Cost Studies
- Budget Estimates
- Value Engineering Studies
- Constructibility Reviews
- Life Cycle Cost Analysis
- Engineering Alternatives Analysis

CONSTRUCTION ADMINISTRATION AND INSPECTION

- Contractor Prequalification
- Contracts Negotiation
- Bid Phase Management
- Construction Management
- Construction Inspection/Quality Control
- RFI Review
- Change Order Review & Analysis
- Submittal Review

RISK MANAGEMENT

- Risk Analysis
- Benchmarking
- Communications Management
- Contracts Management
- Progress Meetings
- Monthly Reporting
- Project Auditing

CLAIMS MITIGATION

- Claims Mitigation/Management
- Claims Analysis
- Entitlement Analysis
- Alternative Disputes Analysis
- Mediation
- Expert Witness

PROJECT CLOSEOUT

- Close-Out/Start-Up Assistance
- Project Start-Up Services
- Operation Start-Up

OPERATIONS

- O&M Manuals
- Operation and Maintenance Training
- Operations Audits

TRAINING (Computer-Based Training = CBT)

- Value Engineering Training
- CBT for Facilities Managers
- Estimating Training
- Programming Services for CBT
- CPM Schedule Training
- Life Cycle Cost Training

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