

Program Management Support

PROJECT AND PROGRAM MANAGEMENT SUPPORT

Managing major projects and multi-project programs requires the highest level of specialized skills that not all organizations maintain in-house. Pinnell/Busch can supplement your organization's skills and help form, organize and staff a successful team.

OUR TEAM OF EXPERTS

Steve Pinnell, P.E., President

Steve has 45 years of project and program management experience, including work in San Francisco, Alaska and South America and for CH2M-Hill in Portland. He developed management plans for the first EPA-funded Construction Management project, a \$1+ billion combined sewer overflow program, a \$600 million prison program and other large public works programs.

John Lang, P.E., Senior Consultant

The former Portland City Engineer and program manager of the city's \$1+ billion CSO program has associated with Pinnell/Busch to promote and support the firm's program management services.

Blake Marchand, Senior Project Manager and Lead Scheduler

Blake has 15 years of scheduling, estimating, cost tracking and constructability review experience.

Key Team Members

Key team members include Senior Consultants Gale Powell, Butch Henry, Dave Place, Gary Anderson and Dave Brenneman.

Our 30+ years of successful projects are based on our team's education and experience in engineering and architectural design, blended with years of working as contractors and public works management consultants. Our understanding of the construction process complements the expertise of large design firms, facility managers, and public works agencies. The support we provide includes:

Critical Path Scheduling

Master plan schedules, construction duration estimates, construction schedules, review of contractor schedule submittals, progress tracking, evaluation of time extension requests, and resolution of delay claims.

Cost Estimating

Conceptual/budget estimates, pricing design alternatives, life-cycle costing, value engineering cost analysis, detailed cost estimates for bid evaluation or contract negotiation, and check estimates for change orders.

Value Engineering and Constructability Reviews

Functional analysis of each project element, brainstorming alternatives, and determining the most economical method of providing each function. Constructability reviews of the plans and specifications to ensure they are economical to construct.

Cost Accounting and Control

Budgeting, staffing plans, cash flow forecasts, cost and scope management during design, adaptation of organizational accounting systems to track program costs, and tracking design and construction costs.

Risk Assessment

Identification and assessment of risks, with preparation of a decision matrix and mitigation plans.

Partnering and Teambuilding

Developing a positive working relationship among the parties and identifying potential problems and dispute avoidance procedures.

Dispute Resolution and Claims Defense

Change management to reduce conflict, document changes, negotiate time extensions and change orders, and defend against claims.

Organizational Development and Executive Support

Consulting on organizational structure, roles and responsibilities for program management and service on program advisory boards.

Training in Project Management

Providing the project team and staff with the latest techniques and procedures for better project management, including the use of scheduling software.

PINNELL ♦ BUSCH

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Project Management
Consultants for the Design
& Construction Industry

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Program Management Support

Representative Experience

Computerized Program Management Systems with Resource Management

Alameda County, California, Public Works Department, Computerized Program Management System & Training
Atlas Companies – Materials Management System, Preliminary System Design for steel fabricator
AT&T Bell Laboratories, North Andover Plant, Engineering Design Section – Computerized Management System
AT&T Bell Laboratories, Whippany, New Jersey, New Switching System Program Development - Consulting
Bonneville Power Administration, Construction Division – Multi-Project Management System Design
City of Salem, Oregon, Department of Public Works – Develop and Install Multi-Project Management System
King County, Washington, Department of Public Works – Develop, Install & Train Program Management System
Market Contractors, Portland, Oregon – Develop Simplified Multi-Project Management System
Multnomah County, Oregon, Engineering Services Section -- Cost Accounting System Revisions
Snohomish County, Public Utility District No. 1, Everett, Washington – Program Management Training
U.S. Army Corps of Engineers, Charleston District – Interface with Mainframe Database for Program Management

Program and Project Management Procedures, Training and Manuals

Cates Construction, Lancaster, California – Procedures and Office Reorganization Study
City of Portland, Oregon, Traffic Management Section – Engineering and Public Works Management Consulting
City of Portland, Oregon, Bureau of Environmental Services – Consultant Management Manual
Multnomah County, Oregon, Engineering Services Section – Project Management Procedures Manual
Multnomah County, Oregon, Facilities Management – Project Management Procedures Manual
Tektronix, Inc., Building Management – Procedures Manuals and Training
Tektronix, Inc., Corporate Facilities Management – Organizational Goals, Responsibilities, and Structure
Tektronix, Inc., Staff Engineering, Technology Group – Project Management Procedures Manual

Public Works Management Support Services, Studies and General Consulting

City of Portland, Survey Section – Engineering Work Management Study
City of Portland, Bureau of Environmental Services – Mid-County Program Management Review
City of Portland, Bureau of Environmental Services – CSO Program Management Strategy Study
City of Portland, Bureau of Environmental Services – Combined Sewer Overflow (CSO) Advisory Board Service
King County, Washington, Department of Public Works – CM&I Management Study
Multnomah County, Oregon, Permits Section – Organizational Development Study and Reorganization
Multnomah County, Oregon, Department of Environmental Services – Road Maintenance Study
Multnomah County, Oregon, Engineering Services Section – Program Management Study
Oregon State Corrections Division – Statewide Correctional Facilities Plan
Riedel Environmental, Portland, Oregon – Accounting System Consulting
Washington State Department of Corrections – Position Paper on Construction Management
Washington State Department of Corrections – Management Resource Report
Washington State Department of Corrections – Supplemental Appropriation Program Schedules
Washington State Department of Corrections – Six-Year Facilities and Capital Plan

Representative Specialty Services in Support of Public Works Agencies and Consultants

Cost Estimating for the Salem Peak Flow Treatment Facility
Cost Estimating System for estimating sewer construction costs for City of Portland
Cost Estimating and Scheduling for predesign of a \$300 million water transmission line
Risk Analysis, Cost Review, and Scheduling of the Portland tram for the Portland Development Commission
Estimating and Cost Consulting Services for the City of Portland Bureau of General Services
Risk Assessment of fabrication, shipping and erection of an offshore drilling platform on the North Slope
Preliminary Risk Analysis of \$500 million water supply program with dam expansion, treatment and controls
Scheduling and change management support of a \$100 million floating sewer interceptor
Project Controls for a \$200 million water supply program

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