

CRAWFORD
CONSULTING SERVICES



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East Pittsburgh, PA 15112

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Supporting our customers in shaping the world we live in,
focusing on lasting relationships to deliver great projects.



About Crawford

Founded in 1993, Crawford – a woman-owned small business specializing in cost estimating, scheduling, value engineering, and construction management – is a leader in Department of Defense construction consulting. We aspire to become the most admired woman-owned small business in the AEC industry in service, culture and social responsibility.

A Message From Our President

“Our 29-year history has taught us that being a great partner and providing excellent services truly helps shape the world where we live, work, and play. We have built upon a strong foundation and strive to live up to our core values each and every day. We believe we are accomplishing something bigger than just providing quality construction consulting services. We help deliver hospitals for our Veterans, schools for our children, and sustainable facilities to help inspire our future leaders.”

Mary F. Crawford
Founder and President

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Preconstruction Services

Experienced Federal Cost Professionals

Crawford produces reliable cost estimates that are comprehensive, well documented, accurate, and credible. These four characteristics minimize the risk of cost overruns and unmet performance targets to meet Federal program cost goals.

Our Federal focus allows our firm to support DoD and their clients to ensure adequate project budget estimates are delivered efficiently, while capturing the full project scope that satisfies warfighter and installation requirements. Our Certified Cost Professionals (CCPs) are experienced and trained in PACES and MCACES MII software reducing preparation time and minimizing errors to deliver on-cost, on-schedule, and quality work products.

Preconstruction Services

Crawford's experienced staff has the capacity in all key preconstruction disciplines to support our client's strict design schedule while integrating vertically within their organization. Close collaboration and communication between the designer and Crawford is coordinated to capture all project scope. **Services Include:**

Cost Estimating

- Independent Government Estimates
- Independent Technical Reviews
- MII Cost Estimates
- DD1391 Planning Estimates
- Parametric Cost Engineering System
- Form DD1354 Support

Value Management

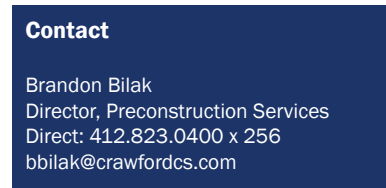
- Value Engineering Studies
- Cost Schedule Risk Analysis (CSRA)
- Life Cycle Cost Analysis (LCCA)
- Market Surveys / Models

Scheduling

- CPM Scheduling
- Integrated Master Scheduling
- Earned Value Analysis
- Resource Loading



Crawford has supported 12 projects at the base, which will provide flexibility for future growth, consolidate facilities, improve land use, a connected campus, and maximize the use of smart and resilient buildings.



Expert Services

Expert Services for Long Term Value

To better meet our customer's changing needs, Crawford established our Expert Services Group (ESG) to augment our core capabilities in cost estimating, scheduling, and value engineering.

ESG works with our AE partners and Agency clients to provide specialized services that aid in the successful delivery of on cost, on schedule, quality projects. With these services, Crawford expands its position as a valuable team member offering our partners unique analysis during the planning and design phase of your project.

Expert Services

Crawford's Expert Services Group boasts more than 120 years of combined experience focusing on Cost, Value, and Risk Management services for Public, Private, and Commercial clients around the world. **Services Include:**

Value Management

- Value Engineering Studies
- Expert Facilitation
- Partnering

Risk Analysis

- Quantitative Risk Analysis
- Cost Schedule Risk Analysis (CSRA)
- Monte Carlo Simulation
- Crystal Ball
- Risk Analysis Workshops

Applied Economics

- Life Cycle Cost Analysis (LCCA)
- Economic Analysis
- Market Surveys / Models
- Total Cost of Ownership (TCO)

Business Process Improvements

- Procurement Support
- Programming
- Best Practice Training
- Project Audits
- Source Selection Support

Manuals, Standards, and Publications

- Manuals & Workbooks
- Budgeting Procedures
- Technical Point Papers

Scheduling

- CSRA Updates
- Payment Application
- Earned Value Analysis
- Time Impact Analysis
- Claims Analysis



Delivering Accurate Cost Estimates Through Risk Informed Decision Making

General Leonard Wood Hospital
Fort Leonard Wood, MO

As greater emphasis is placed on improving accuracy of MILCON estimates, partnering and shared commitment of the Project Delivery Team becomes even more vital. Project Stakeholders on the new General Leonard Wood Army Community Hospital had to overcome the traditional challenges of designing, estimating, and awarding a complex design-build healthcare project for the residents of Missouri.

The Cost and Schedule Risk Analysis was jointly supported by Kansas City District Cost Engineering Branch (CENWK), Walla Walla District MCX (CENWW), Leo A. Daly, and Crawford Consulting Services. The purpose of the CSRA was to develop an accurate contingency amount to improve confidence of the total project cost, to provide a range of possible costs for management and customers to use to make decisions, and to utilize as a tool to manage project risks. Crawford provided accurate cost and schedule data to support risk impacts and to identify targets for action and mitigation.

Contact

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Cost & Schedule Risk Analysis
Fleet Maintenance Facility / Tactical
Operations Center
Isa Air Base, Bahrain

Construction Management Services

Experienced Staff Minimizes Government Risk

We specialize in locating, on-boarding, and retaining regional talent who understand the local climatic conditions at installations we support. We have provided successful construction management services for the U.S. Army Corps of Engineers (USACE), United States Air Force (USAF), General Services Administration (GSA), Naval Facilities Engineering Command (NAVFAC), Department of Energy (DOE), National Aeronautics and Space Administration (NASA), Veterans Affairs (VA) and United States Coast Guard (USCG) on construction programs nationwide.

Our extensive portfolio and long history supporting the Federal Government minimizes risk and reduces the learning curve by having qualified staff on the ground supporting your program.

Federal Construction Management and Inspection Services

Crawford provides experienced personnel for construction management support services to fill existing government resource gaps. Our qualified staff responds quickly to your needs and helps our customers deliver on-cost, on-schedule, and quality-built projects. **Services Include:**

Design Phase

- Design Submittals Review
- Quality Assurance
- Constructability Reviews
- Value Engineering
- Cost & Schedule Monitoring
- Independent Cost Estimates
- Commissioning Plan Review

Procurement Phase

- Acquisition Planning
- Pre-bid Conferences
- Site Visits
- Market Survey
- RFQ Packages
- RFP Packages

- RFI/RFP Analysis
- Source Selection
- Technical & Cost Evaluations

Construction Phase

- Contractor Oversight
- Schedule Review
- Inspection & Testing
- Pay Applications
- Change Orders/Claims
- As-built Records
- Equipment Start-Up & Cx

Post-Construction Phase

- Closeout
- Punch List Completion

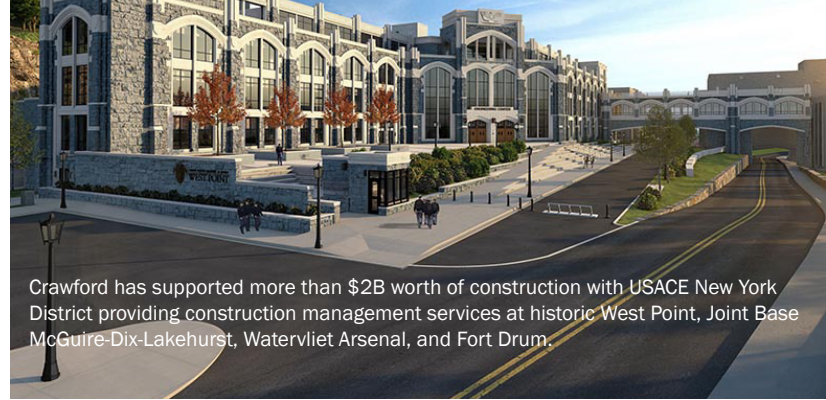
- Claim Resolution
- Acceptance/Turnover
- Owner Move-in
- O&M Manuals
- Guarantees/Warranties
- Release/Final Payment
- Asset Management Integration

Staff Augmentation

- Crawford has a strong understanding of the Federal Government's management approach, requirements, and technical needs. As an agile small business, we provide on-site support when you need it!

Academic Building Upgrade Program

Cyber & Engineering Academic Center
United States Military Academy, West Point, NY



Crawford has supported more than \$2B worth of construction with USACE New York District providing construction management services at historic West Point, Joint Base McGuire-Dix-Lakehurst, Watervliet Arsenal, and Fort Drum.



USACE Jacksonville District
C-44 Reservoir & STA, Indiantown, FL



USACE Kansas City District
N2W - Next Move West, St. Louis, MO

Contact

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Crawford seeks to create value, not only for our staff and their families, but the communities in which we reside. Our mission is to influence charitable acts, strengthen the skills of our staff, and support a healthy work-life balance. Together, we can make a difference!

Giving

At Crawford, relationships are important. Having a corporate social responsibility allows Crawford to strengthen the communities in which we live and work. Crawford Cares is aimed at giving back to our communities. By focusing on families, Veterans/soldiers, and animals, we are committed to strengthening the lives of those less fortunate, those who are unable to speak for themselves and our nations' heroes. We support and invest in our communities through local giving and encouraging volunteerism to raise awareness to those less fortunate.

Well-Being

Crawford strives to foster a healthy, happy, and productive workforce so that we can perform to the best of our ability in order to be a best-in-class service providers to our clients. We look to educate, support, and empower employees and their families to improve and maintain their overall health and well-being through healthy lifestyle choices and to create a culture of wellness throughout Crawford.

Learning

Learning and development is a fundamental component of our successful strategic plan for recruiting and retaining employees. Our blended learning approach of workshops, mentoring, instructor-led training sessions, online webinars, and web-based training enables our employees to improve their skills and competencies while enabling us to meet our strategic objectives.

In 2021 the Crawford Cares Program has donated \$11,500 to local charities supporting women, children, families, and animals!



Contact

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Federal Contract Vehicles

USACE New York District Engineering and Construction Management (CM) Services: W912DS20D0001

- Engineering and Construction Management (CM) Services within New York District, primarily within New York and other Corps of Engineers locations within NAD/MSB Boundaries including Fort Hamilton, NY, U.S.M.A. West Point, NY, Fort Drum, NY, Picatinny Arsenal, NJ and Joint Base-McGuire/Dix Lakehurst, NJ

USACE Jacksonville District Quality Assurance Services for Civil Works, Interagency and International Services (IIS) and Military Construction Projects: W912EP18D0004

- Quality Assurance services for Civil Works, Interagency and International Services (IIS) and Military Construction projects to monitor the construction contractors' progress and document compliance with the plans, specifications and ancillary documents.

USACE Kansas City District NGA Construction Management Services: W912DQ18D7002

- Support Construction Management services for the replacement campus for the National Geospatial Intelligence Agency's (NGA) 2nd Street St. Louis facilities.

USACE Louisville District Construction Management Services SATOC: W912QR21D0027

- Professional, administrative and management services for construction management services (CMS) support at various civil and military construction offices/projects primarily within the Great Lakes and Ohio River Division but could be used anywhere within the Louisville district mission boundaries throughout the United States and Puerto Rico.

National Institutes of Health Construction Quality Management Services: 75N99020A00007

- The National Institutes of Health (NIH), an Agency of the United States Department of Health and Human Services (HHS), is the focal point of federal health research and is one of the world's foremost biomedical research institution. Comprised of 27 Institutes and Centers, the NIH provides leadership and financial support to researchers in every state and throughout the world.

USACE Walla Walla District AE Cost Engineering IDIQ: W912EF17D0015

- Cost engineering services in support of Department of Defense (civil works and military projects). Other agencies, customers or projects can also include such federal interests within the DOE, DHS, FEMA, VA, GSA, SCS, BOR, USFS, BLM, BIA, FAA, USAID, among others not specifically mentioned.
- The MCX manages five competitively bid Cost Engineering Services Indefinite Delivery, Indefinite Quantity (IDIQ) Contracts covering CONUS and OCONUS (worldwide). The contracts are Base Year plus 4 option year contracts, beginning year 2017 and comprising three small and two large businesses.

USACE Mobile District IDC for Cost Engineering Services: W9127816D0121

- Services for this District-wide Cost Engineering contract will be used to provide a full range of programming and design efforts to support CESAM's Cost Engineering Program and its Customers. Projects will be located in the states of Alabama, Florida, Georgia, Mississippi, Tennessee; with possible work for customers in South or Central America and other locations as may be assigned to the Mobile District.

GSA Schedule 00CORP: GS10F0252Y Professional Services Schedule

- The GSA Professional Services Schedule (PSS) 00CORP, formerly known as the Consolidated or Corporate Schedule, is a contract companies can obtain to offer a wide range of professional services to the U.S. federal government.

Seaport NxG

SeaPort-NxG is the Navy's electronic platform for acquiring support services in 23 functional areas. The Navy Systems Commands compete their service requirements amongst 1800+ SeaPort-NxG Indefinite Delivery Indefinite Quantity (IDIQ) multiple award contract holders. Simply stated, SeaPort-NxG provides an efficient and effective means of contracting for professional support services and enhancing small business participation.

Contact

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