

Frank Cellucci

Civil and Environmental Engineer

Devon, PA - Email me on Indeed: [indeed.com/r/Frank-Cellucci/d5c04948cd1f6585](https://www.indeed.com/r/Frank-Cellucci/d5c04948cd1f6585)

WORK EXPERIENCE

Environmental Engineer

Environmental Protection Agency (EPA) - Philadelphia, PA - March 2008 to April 2014

Philadelphia, PA 19103 United States

03/2008 - 04/2014

Hours per week: 40

\$110,000

Environmental Engineer

Duties, Accomplishments and Related Skills:

Environmental Engineer and Information Technology Specialist series 2210 type position. I was the Information Management Coordinator (IMC) and System Administrator (SA) for EPA Region 3 which includes the states of Delaware, District of Columbia, Maryland, Pennsylvania, Virginia and West Virginia. My responsibilities included CERCLIS Security Training, Network/Customer Support, planning and delivery of Information Technology customer support services including installation, configuration, troubleshooting, customer assistance, enhancing information systems security programs, policies, procedures, and tools to ensure the confidentiality, integrity, and availability of systems, networks, and data for CERCLIS. Plan and conduct special studies, personally and through team members. Provided advice to managers, develop and evaluate policies in program areas, provide oversight on developing management information systems for programs. Worked as a team member with Remedial Project Managers (RPMs) to provide CERCLIS customer training, develop and maintain user accounts, resolution of data bases problems, data entry, install, configure, troubleshoot, and maintain customer hardware and software, diagnose and resolve problems in response to customer reported incidents, research, evaluate and provide feedback on problematic trends and patterns in customer support requirements, encourage team work to develop and manage customer service performance requirements, customer support policies, procedures and standards, generate reports and graphs for multiple data bases including Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS), Integrated Compliance Information System (ICIS), Superfund Comprehensive Accomplishment Plan (SCAP), Institutional Controls Tracking System (ICTS), Site Assessment Data Management (SADM), Enterprise Content Management System (ECMS), and Superfund Document Management System (SDMS); and Contracting Officer Representative (COR) for the IT support private contractor. Maintained liaison with managers, supervisors and program staff throughout the department, representatives of public community members, and other Government agencies. This position combined education, experience, skills and abilities for the management of Information Technology relating to Remedial Project Managers and IT support private contractor, input of environmental data, geographic information, reports, graphs and schedules, interactions with other organizations, provide advice and guidance on a wide range of complex IT issues, and leadership abilities to organize groups and meetings for the accomplishments of end goals. Plan, coordinate and carry out activities related to controversial environmental issues requiring cross program integration and collaboration. Developed program implementation options and strategies, perform strategic analysis for the evaluation of a program, and Project/Program management.

Program Manager and Contracting Officers Representative (COR) for multi-million dollar contracts nos. EP-S3-07-05 and EP-S3-07-07 with contractors HydroGeologic (HGL) and EA Engineering, Science and Technology, including preparing statements of work (SOW), independent government cost estimates (IGCE), negotiations, writing negotiation memorandums, processing invoices and balancing the multi-million dollar budget.

Grants Project Officer training and review of Grants with ratings and recommendations.

Letters of Recommendation and Awards are available upon request.

Supervisor: . (.)

Okay to contact this Supervisor: Contact me first

Environmental Engineer

NAVFAC WASHINGTON - Washington, DC - June 2006 to February 2008

Duties, Accomplishments and Related Skills:

Environmental Engineer and Program Analyst type position for multi-media compliance of utilities including USTs and ASTs, testing of existing continuous emissions monitoring system (CEMS) for boilers, gather boiler emissions data, analyze environmental data to improve compliance relative to applicable environmental laws, regulations, and practices, performed environmental compliance audit, review plans and specifications for existing lead and asbestos and provide comments for abatement, obtained environmental utility funds for FY 2007. Developed, implemented and coordinated a management program with team work to solve the problem of invoice high interest payments saving the Government approximately \$3,000 per month and prevented the Government from paying approximately \$75,000 in interest on overdue invoice payments, use the financial information system (FIS) regularly, provide technical advice, guidance and legal interpretation for processing invoices and contracts. Prepared scope of work and Government estimate to perform a hazardous materials survey, review contractors proposal for UST closure/removal and AST installation and compared it to the Government estimate and scope of work requirements in preparation for contract execution and award, input project information into e-projects and update regularly, write NEPA Categorical Exclusion Memorandums as part of the National Environmental Program, perform Environmental Quality Assessments (EQA), Project Engineer for installation of new continuous monitoring system (CEMS), and USTs removal/closure and installation of new ASTs.

Supervisor: Bob Williams ((202)685-3341)

Okay to contact this Supervisor: Yes

Environmental Engineer

NAVFAC NORTHEAST - Lester, PA - October 2003 to June 2006

Duties, Accomplishments and Related Skills:

Remedial Technical Manager (RTM) and acting Remedial Project Manager (RPM) in the Installation Restoration (IR) Environmental Department. Responsibilities included Installation Restoration RAC, CLEAN, EMAC,

Operation and Maintenance, and Design/Build contracts. Write Scopes of Work (SOW) and Government estimates with prenegotiation positions in preparation for contract execution, award and administration. Complete an In-House scope of work for the Demolition of Barracks Buildings, write an In-House Engineering Evaluation/Cost Analysis (EE/CA) for Soil Remediation, and Design Manager/AE for this same Soil Remediation Project which was high profile for hazardous waste and contaminated site remediation. Prepare impact statements and make recommendations on directives and other agency decisions for executive and managerial consideration. Participate in negotiating environmental agreements with Federal, State and local governments for the planning and implementation of environmental programs for compliance with Federal environmental regulations, and draft responses to Congressional inquiries. Provide presentations and briefing

materials for agency meetings. Conduct/chair Restoration Advisory Board (RAB) and Technical Meetings, evaluate Regulator comments, review Remedial Action Work Plans, Health and Safety Plans (HASP), Quality Assurance Project Plan (QAPP), Environmental Protection Plan, Soil Erosion and Sediment Control Plan, Wetland Restoration Plan, and Sampling and Analysis Plan, develop and provide survey parcel maps to the Real Estate Department, evaluate Optimization Studies, manage Environmental Management Systems (EMS) for the evaluation and monitoring of Ground Water Extraction Treatment Systems (GWETS) and Long Term Monitoring (LTM). Analyze plume migration, water elevations, purging and low flow sampling at monitoring wells, monitoring and extraction well development along with motor and pump repair and replacement, well abandonment, pore water sampling, waste characterization and confirmatory sampling, permit requirements for NPDES, closure reports, sign Hazardous Waste Manifests and Land Disposal Restriction Notification Forms.

Project development includes objectives required under CERCLA-SUPERFUND, SARA, RCRA, NEPA, NCP, ESA, NHPA, TSCA, SWDA, CAA, CWA and UST Regulations.

My position as a Remedial Technical Manager (RTM) and acting Remedial Project Manager (RPM) in the Navy Environmental Department also include:

1) Environmental Engineering review of remedial technologies, risk assessments, designs, work plans, contractor quality control plans, quality assurance project plans and safety plans; 2) Review and evaluate testing methods and installations of monitoring wells, parameters to be tested, soil boring logs, placement of wells and number to assure performance; 3) Prepare detailed cost estimates for use in obtaining project funding; 4) Evaluate remedial action design objectives in accordance with the National Contingency Plan; 5) Resolve difficult and complex problems during construction, solving unforeseen problems; 6) Select most satisfactory means of disposal considering such factors as site location, cost, soil characteristics, maintenance feasibility, and suitability of facility under RCRA regulations; and 7) Participate in meetings with regulatory agencies to discuss remedial action for past disposal sites, methods of pollutant removal, material or equipment, quantity and nature of waste and the abatement necessary to meet Federal, state, or local clean-up standards.

I processed approximately \$10,000,000 of work. Letters of Recommendation are available upon request.

Supervisor: Todd Bober ((215)897-4911)

Okay to contact this Supervisor: Yes

Environmental Engineer

NAVFAC NORTHEAST - Lester, PA - October 2001 to October 2003

Duties, Accomplishments and Related Skills:

Navy Technical Representative (NTR)/Design Manager (DM) in the Installation Restoration (IR) Environmental Department for RAC, CLEAN, EMAC, Operation and Maintenance, and Design/Build contracts. Projects include the concept, design and construction of a soil cap, soil remediation, permitting, wetland restoration and remediation, underground storage tank (UST) location and removal, aquatic and wildlife relocation, solid waste inventory and removal, lead based paint abatement, video inspection of underground lines, surveying using GPS, full TAL/TCL sampling and analysis with ignitability, reactivity, corrosivity, PCB and TPH, waste characterization and confirmatory sampling, permit requirements for NPDES, data validation, sign hazardous waste manifests and land disposal restriction notification forms, and closure reports.

Responsibilities included knowledge and experience of multi-disciplinary engineering and construction principles and practices in the fields of civil and environmental engineering and remediation, environmental policy and regulations (CERCLA, RCRA, NEPA, NCP, TSCA, SWDA, CAA, UST), reporting and providing briefings and presentations on environmental analytical findings and recommendations, environmental policy and advice, technical point of contact for all technical matters associated with the remediation of hazardous sites, site identification, provide technical advice, guidance and legal interpretation, interface with the A/E, contractor and regulators, team concept for complete cleanup remediation program, review of draft and final health and

safety plan (HASP), quality assurance project plan (QAPP), chemical and biological testing, environmental protection plan, soil erosion and sediment control plan, sampling and analysis plan, and work plan submittals during design and remediation, write Scopes Of Work (SOW), Government estimates, negotiations and write summaries of negotiations in preparation for contract execution, award and administration, making and reviewing schedules, reviewing invoices and supporting documentation, surveillance of contractor's work and performance to verify work status and monitor compliance with safety and quality management requirements, interface with ROICC, representing the organization at meetings and conferences, assisting and coordinating efforts of RPM's, RTM's, NTR's and Contract Specialists, and site closeout. I processed approximately \$20,000,000 of work. Letters of Recommendation are available upon request.

Supervisor: Roger Boucher ((215)897-4783)

Okay to contact this Supervisor: Yes

Civil Engineer

NAVFAC NORTHEAST - Philadelphia, PA - January 1986 to October 2001

Duties, Accomplishments and Related Skills:

This was a General Engineer-Project Manager position for the administration of construction contracts totaling \$200,000,000 and included technical review of plans and specifications, design objectives, design analysis, management, control, coordination, scheduling and execution of construction projects, process submittals including schedules, shop drawings and invoices, engineering evaluations for mechanical, civil, electrical, architectural and physical security projects, modernization of existing buildings, contracting activities pertaining to major repairs, renovations and construction of existing building facilities including wharfs and piers for boating facilities, program recommendations for building energy conservation, removal of underground storage tanks, PCB cleanup, engineering consultation to military and civilian personnel, guidance to construction representatives, interpret, apply, and implement management decisions, guidance, laws, regulations and policies in the development of projects, prepare correspondence, technical and status reports on all phases of construction, Standard Operating Procedures (SOPs), Determinations and Findings (D and F), Certificates of Competency (COC), turnover letters to activity with beneficial occupancy date (BOD), Buy American Act, Freedom of Information Act (FOIA), Congressional inquiries, historic preservation requirements and E.M. 385-1-1 safety programs to successfully complete assignments on time and within budget. Obtain and monitor funds, review and approve vouchers for payment, recommend and justify contract changes, cost estimates based on the cost of construction, maintenance and operation, estimate and negotiate change orders with overhead rates and profit analysis using weighted guidelines with performance risk factors, perform Eichleay Formula calculations.

Perform contract specialist 1102 duties to write pre and post negotiation memorandums and business clearances for contract award and administration, develop, design, estimate and negotiate changes/modifications to contracts, provide technical advice, guidance, and legal interpretation, process claims and contract close-out.

Analyze contractors claims by evaluating all reports, all original and updated progress schedules, perform analytical and evaluative work related to cost estimates and schedules, preparation of project plans, budgets and other execution phase documentation, impact of modifications to the critical path, submittal log dates of submission, all correspondence, minutes of meetings, RFIs and their responses, no-cost field changes, develop time line diagrams, perform DCAA audits when required to determine fair and reasonable overheads and profit rates, use Army Corps of Engineers Construction Equipment and Operating Expense Schedules and Blue Book Rental Rate for Construction Equipment, and make recommendations for claims. Process Terminations for Default (T for D), Terminations for Convenience of the Government (T for C), and knowledgeable of FAR Clauses. Plan and conduct special studies, personally and through team members. Prepare correspondence, reports and project directives for facilities and engineering management. Provide advice to managers, develop and evaluate policies in program areas.

Effective Teamwork with Inspectors/Construction Representatives for inspection of work, inspection summaries and assessments of facility conditions, meetings, labor standards interviews, Quality Control, Safety, progress payments and project closeout with customer satisfaction in a timely manner. Acting Supervisory Engineer responsibilities included the coordination of work efforts of Project Managers, Inspectors and Contract Specialists, and the daily discharge of duties and responsibilities.

Environmental policies and regulations for remediation and Installation Restoration programs including identification, removal and transportation of hazardous waste, manage environmental service contracts, permit requirements for NPDES, ensure compliance of environmental regulations and factors relating to architectural projects, construction of facilities, cost engineering, and review non-environmental contracts for potential environmental compliance issues. Letters of recommendation are available upon request.

Supervisor: Vince Martucci ((202)6859350)

Okay to contact this Supervisor: Yes

Civil Engineer

NAVFAC Western Division - San Bruno, CA - January 1981 to January 1986

Duties, Accomplishments and Related Skills:

Civil Engineer for the design of San Diego Regional Medical Center that included site investigations for the most advantageous building sites setback distance to the earthquake fault from the standpoint of terrain, surveying for existing and final grading drawings balancing cut and fill, calculations for storm water drainage pipes and retention basin, and review of A/E design. I facilitated the agency's accomplishment of its primary mission and program, managed resources and assured implementation.

Engineer In Charge in the Civil Engineering Design Department for several projects ranging in complexity from conventional repair and alteration of existing structures to complex new shore facilities for both A/E contracts including in-house analysis and design with calculations for final grading drawings, storm and sewer lines, roads, parking areas, building foundations/footings, assessment and removal of underground storage tanks, and the physical security of buildings and storage areas. Responsibilities included site analysis and investigation, preliminary designs and cost estimates based on the cost of construction, operations and maintenance, project scope and criteria, schedules and milestones, budgets, responsibilities of the participating parties, surveying, existing and final grading drawings balancing cut and fill, in-house analysis and design of storm and sewer lines, foundations and footings, calculations, recommendations for the most advantageous building sites from the standpoint of terrain, climatic conditions and room for specific location of facilities, analyze the effects on personnel, structures and equipment, contract and cost negotiations, final design with specifications, operations and maintenance, drawings and supporting documents for advertised or negotiated procurement, correspondence, technical reports, fact sheets, status reports and schedules to complete assignments on time and within budget, coordinating formal and informal meetings at times requiring extensive preparation of briefing materials and up-to-date technical information with station personnel, A/E and interdisciplinary higher-grade engineers and architects to ensure that all technical areas are covered, and ensuring areas of overlapping responsibility between technical disciplines receive proper design consideration for the compatibility and adequacy of total design in preparation for contract award and management.

I managed the A/E programs for my contracts, determined goals and objectives that needed emphasis, and developed measures to evaluate performance. Supervisory Civil Engineer assignment for one year in a ROICC office. Letters of recommendation are available upon request.

Supervisor: John Spires (415-244-3000)

Okay to contact this Supervisor: Yes

Engineer/Contractor/Realtor

Self Employed - San Jose, CA - November 1979 to December 1980

Duties, Accomplishments and Related Skills:

This was my own company that focused on single family residences and consisted of estimating, surveying, civil, architectural, plumbing and electrical residential design and remodeling homes. I managed each project and performed trade work. I am a Registered Civil Engineer in the State of California License No. C36234; Licensed General, Plumbing and Electrical Contractor in the State of California License No. 422896; and a Licensed Real Estate Broker in the State of California License No. 01210838 with extensive experience in private industry purchasing, leasing and selling residential and commercial properties, property management, and building restoration, repair and maintenance.

Supervisor: Self Employed ((484)802-7523)

Okay to contact this Supervisor: Yes

Civil Engineer

US Army Corps of Engineers - Sacramento, CA - June 1974 to October 1979

Duties, Accomplishments and Related Skills:

Civil Engineer and then Project Engineer for the contract administration of a Barracks Modernization Project, total cost \$15,867,000. Civil Engineer for the contract administration of a project consisting of 22 new Barracks Buildings, total cost \$15,549,000. Responsibilities consisted of reviewing submittals, shop drawings and schedules, daily documentation of all work, prepared correspondence, technical reports, estimates, facts sheets, status reports and schedules to complete assignments on time and within budget, inspected and tested concrete, foundations, reinforcing steel, welding, structural and architectural components of each building, utility systems, facilities, paving of roads and parking lots, landscaping and E.M. 385-1-1 safety programs. I also managed the Quality Control operation, conducted labor standards interviews, prepared cost estimates, participated in the acquisition of equipment, furniture and services, developed, implemented and reviewed contract plans for pre-award contract modifications and post award as-built drawings, performed price/cost analysis based on cost of construction, negotiated modifications for contract award and administration, provided technical advice, guidance, and legal interpretation. I maintained good team work and leadership with the construction representatives, office personnel and contractors for the successful completion of the projects. My documentation was used by legal counsel to reduce a contractor claim from \$5,000,000 to \$1,000,000 and settle in favor of the Government

Supervisor: Bill Strid ((916) 373-1617)

Okay to contact this Supervisor: Yes

EDUCATION

Masters in Information Science

Penn State University Malvern - Malvern, PA

2006 to 2008

Master's in Environmental Engineering

Penn State University Malvern - Malvern, PA

1998 to 2000

Bachelor's in Surveying

Penn State University Philadelphia - Philadelphia, PA

1988 to 1990

Bachelor's in Civil Engineering

Villanova University - Villanova, PA

1970 to 1974

ADDITIONAL INFORMATION

Registered Professional Engineer