



The RBA Group, Inc.

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January 9, 2014

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Ms. Catherine Douglass, Consultant Selection Coordinator
Contracts & Procurement
N.J. Department of the Treasury
Division of Property Management & Construction
33 West State Street, 9th Floor Plan Room
Trenton, NJ 08625-0034

Re: Technical Proposal Response
Demolition Consultant Multiple Award Term Contract (TC-008)
DPMC Number P1103-00 / RBA Proposal #14047

Dear Ms. Douglass:

The RBA Group (RBA) is pleased to provide the Division of Property Management & Construction (DPMC) with the enclosed technical proposal to provide Demolition Design and Construction Administration services as part of DPMC's Multiple Term Contract (TC-008). We are a multi-disciplined engineering and architectural firm that has extensive experience with both the design and management of specialty demolition and site restoration projects.

Although RBA can provide the majority of the required professional services utilizing our in-house resources, we have added Environmental Connection, Inc. (EC), an environmental consulting firm specializing in hazardous building material identification and remediation, to our team. RBA and EC recently completed the demolition and site restoration document for the 90 acre old Greystone Park Psychiatric Hospital site consisting of 24 buildings and over 1 million gross SF. Our team's demolition experience and relationship with NJDEP will enable us to streamline the design process and assist DPMC in meeting the goals and objectives of this contract.

We have developed an excellent reputation and high rate of client satisfaction as a result of our commitment to schedule and budget while consistently delivering quality services.

We have the technical expertise, management experience and resources to efficiently provide DPMC with the services required to meet the requirements for any of the assignments that may be required by this contract.

Noteworthy is that RBA has opened its Trenton, NJ office on January 2, 2014 on Bear Tavern Road. This will add to our effectiveness regarding coordination with DPMC staff located in Trenton.

As a team, and as your partner, we are committed to working hard, working smart and assisting the DPMC/NJDEP in achieving its goals and objectives. We appreciate your consideration of this technical proposal.

Very truly yours,

James Brighton, AIA, LEED AP
Vice President

(14047_Cover Letter)

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FIRM/PROJECT TEAM

Brief Overview of The RBA Group

The RBA Group is a multidisciplinary firm of Engineers, Architects, Environmental Scientists and Planners that has provided innovative and cost effective design solutions to numerous municipal, state, and federal agencies for over 45 years. Our firm is headquartered in Parsippany, NJ with offices in Trenton, NJ; New York, NY; Melville, NY; Norwalk, CT; Philadelphia, PA; and Silver Spring, MD. The firm has a national reputation and is ranked in the top half of the Engineering News Record listing of top 500 A/E design firms. At RBA, we have the in-house capability to assemble a multi-disciplined team of professionals for each assignment. This gives us the ability to blend our architectural, engineering, planning and environmental experience into thoughtful responsive solutions. We respond quickly to client needs, committing the necessary resources to produce a quality product. Our success is a direct result of our dedication to high quality professional service.

The RBA Group's diverse staff of more than 200 individuals provides a wide range of professional services including:

- Architecture
- Interior Design
- Sustainable Design/LEED Certification
- Construction Services
- Site Engineering
- Landscape Architecture
- Environmental Engineering/Permitting
- Traffic & Transportation Engineering
- Highway Engineering
- Structural Engineering
- Planning
- Surveying
- Cultural Resources
- Urban Design

Project Team Overview

To meet DPMC's goals and objectives for this demolition and site restoration Term Contract, RBA has assembled an interdisciplinary Project Team of experienced professionals supported by a knowledgeable technical support staff which has extensive experience with **building demolition, environmental remediation and site restoration projects**. The following sections describe the structure of the project team as illustrated in the attached project organization chart, and the roles and responsibilities key members will play in the management and execution of the multi-disciplinary task assignments anticipated under this contract.

The Project Team consists of **The RBA Group** and **Environmental Connection, Inc. (EC)** an environmental consulting firm. Each firm has long established relationships with NJDEP, FEMA, HUD, and DPMC which provides this project with the knowledge and clear understanding of the regulatory requirements and staff experience levels needed to efficiently address the needs of each of the project assignments under this contract. Each firm brings specialized expertise allowing us to blend the talents of each of the team members to offer an integrated approach. This team recently completed a comprehensive Advisability Study and Construction Bid Documents related to the building demolition and site restoration for 24 buildings totaling over 1 million SF for the DPMC at the GPPH Campus (Greystone).

DPMC - Demolition Consultant Term Contract TC-008

Project #P1103-00

Firm Profile – Environmental Connection, Inc.

Environmental Connection, Inc., (EC) a subsidiary of Vertical Technologies, Inc., (VTI) was established in 1983 for the purpose of serving as a multi-dimensional Environmental Consulting Firm. EC's corporate headquarters are located at 120 North Warren Street in Trenton, New Jersey. The majority of the firm's efforts have been directed to serving clients in the State of New Jersey and the surrounding metropolitan area. EC's central location in the Capital City of Trenton, New Jersey, allows for immediate response to clients within these areas. Being headquartered in the City of Trenton, central offices of various State Agencies are accessible within minutes to attend emergency meetings and obtain construction permits from the State of New Jersey, Department of Community Affairs (DCA).

Experience with Task Order Contracting



The RBA Group has an excellent track record of performing similar services for several state and municipal governments, public housing authorities, and private clients. RBA currently has multiple task order contracts with both public and private entities within New Jersey, including: New Jersey Department of

Transportation (NJDOT), Port Authority of New York and New Jersey (PANYNJ), New Jersey Department of Environmental Protection (NJDEP), United States Postal Service (USPS), County College of Morris (CCM), New Jersey School Construction Corporation (NJSCC), Kraft Foods Group, and Mondelez.

KEY PERSONNEL

The RBA Group

James Brighton, AIA, LEED AP, Vice President

Horace Walker, AIA, LEED AP, Vice President

James Brazel, Director of Environmental Services

Glenn Calabrese, LSRP, CHMM, Principal
Environmental Specialist

Bryan VanderGheynst, PE, Supervising Engineer

Michael Wolz, AIA, LEED AP, Senior Architect

Patrick McHugh, Principal Environmental Specialist

Richard Porter, Cultural Resources Supervisor

Thomas Badenoch, PLS, Director of Survey

Principal-in-Charge/Project Manager

QA/QC Manager/Building Demolition/Site Remediation

QA/QC Manager, Environmental Studies/Site Restoration

LSRP/Hazardous and Environmental Remediation
Manager/Health and Safety Officer

Site/Civil Engineering

Architecture/Building Demolition

Environmental Studies/Permits

Cultural Resources/SHPO Coordinator

Surveying/Mapping

Environmental Connection

Steven Mania, President

James Frisbee, CIH, Project Design, Building
Inspector, Lead Inspector/Risk Assessor

Ryan Broadwater, CIH, Project Manager

Environmental Principal, QA/QC

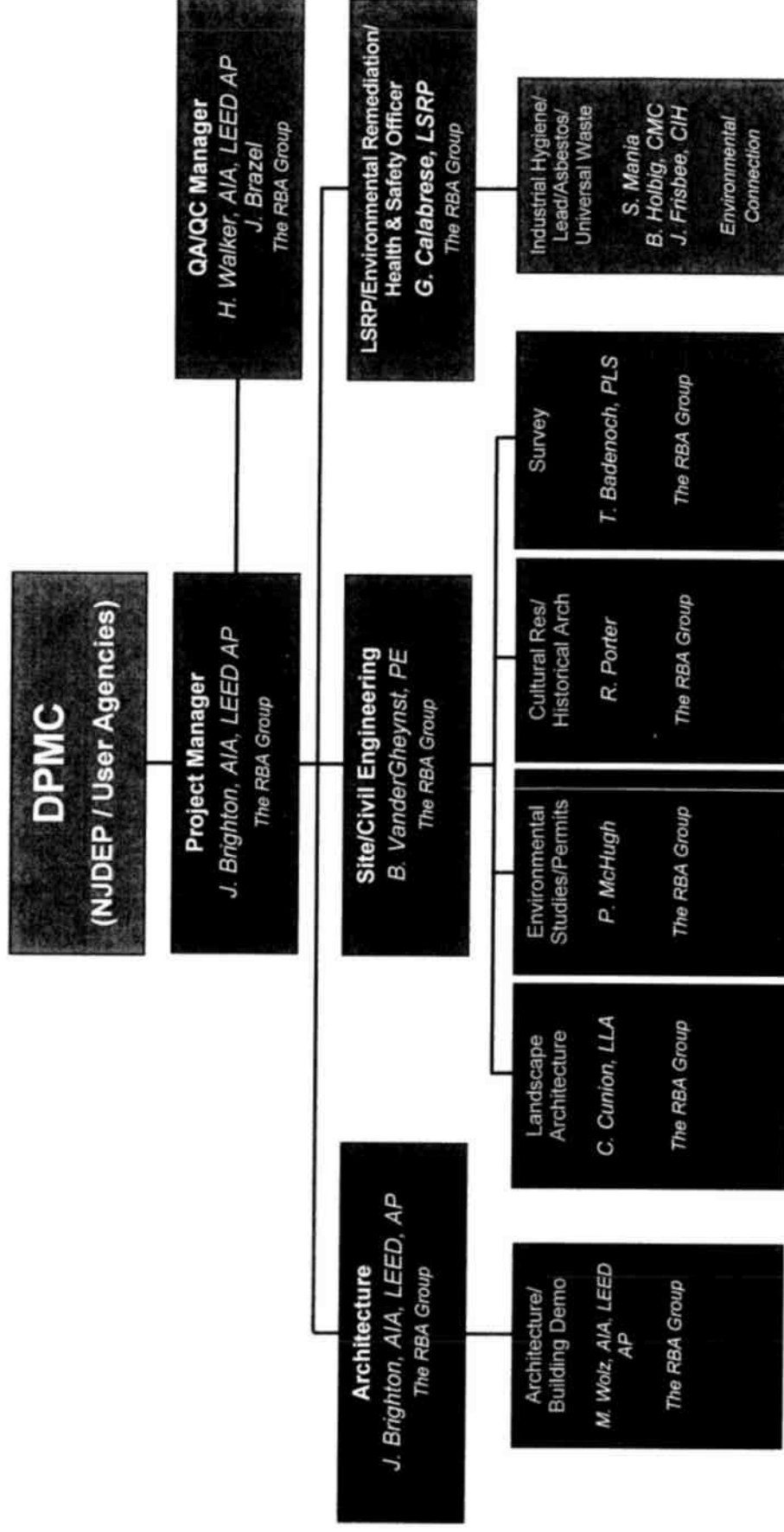
Industrial Hygiene/Asbestos/Lead

Environmental Compliance Monitoring

DPMC - Demolition Consultant Term Contract TC-008

Project #P1103-00

Organization Chart



HORACE WALKER, AIA, LEED AP

Principal Architect/Vice President

Quality Assurance/Quality Control

Education	Bachelor of Architecture, 1981, University of Maryland
Registrations	Registered Architect, NJ, PA, MD and VA NCARB Certified LEED Accredited Professional, 2009
Memberships	AIA, American Institute of Architects, New Jersey Society of Architects Newark Suburban Chapter (#30356220)
Continuing Education	Sustainable Design, Professional Program, National Council of Architectural Registrations Board (NCARB)

Mr. Walker has 30 years of architectural experience, 25 of which are with The RBA Group. His projects have included higher education, municipal, institutional, corporate, residential, recreational, and commercial facilities. Responsibilities include all phases of project development from conceptual design through construction administration and project closeout. He is also responsible for the coordination of not only the in-house RBA team but also any subconsulting firms involved with his projects. Over the past 20 years, Mr. Walker has been responsible for the coordination of over 90 architectural projects that The RBA Group has performed for the County College of Morris. Mr. Walker works closely with the administration and faculty on facility planning issues. This collaboration has resulted in a number of successful renovation, addition and new building projects. Mr. Walker's project experience includes:

Elizabeth Maintenance Facility, Elizabeth, NJ - Principal-in-Charge/Project Manager for this new 85,000 SF three-story complex where the administrative offices (third and second floor) cantilevers over the first floor drive through feature. The new \$18 million state-of-the art maintenance facility consolidates the maintenance operations from many departments including the street department, masonry department, park departments, recycling, vehicle maintenance and repair, paint department, carpentry, sign workshop, general offices with lockers and cafeteria.

Elizabeth School District, School #27, Elizabeth, NJ (NJSDA) - Project Manager responsible for the oversight of the development of a new 175,000 square foot Pre-K to 8 school. This \$29 million project included demolition documents, code review, and design documents. The new school has the capacity for 710 students and consists of classrooms, gymnasium, cafeteria with kitchen, music and art rooms, and playgrounds.

NJSDA – Site Feasibility Call-in Contract (South Region) - Principal-in-Charge of architectural tasks for this \$8 million, three year contract to provide site feasibility services to the NJSDA on an on-call basis. RBA's comprehensive services include: Architectural Pre-Design, Conceptual Site Design, Boundary and Topographic/Utility Survey, Utility Investigation, Phase 1 – Preliminary Assessment Report, Phase 2 – Site Investigation, Geotechnical Investigation, Traffic and Air Quality Analysis, Wetlands Evaluation, Demolition plan preparation, Executive Order 215 report preparation, Historic and Cultural Resource report preparation, and Planning Board representation. Under this contract architectural pre-design was provided to Vineland, Millville, Trenton, Keansburg, and Asbury Park districts for early childhood centers, elementary schools, middle schools, and vocational technical schools.

New Cassel Community Center, North Hempstead, NY - Project Manager for this new Community Center. The \$22 million, 60,000 SF facility is designed to Platinum Certified LEED standards and offers a TV studio, 2 basketball courts, passive recreation, gaming room, reading room, senior meeting room, youth lounge, fitness center and a multi-purpose social gathering space.

Facilities Inspections, New Jersey City University, Jersey City, NJ - Principal-in-Charge responsible for oversight of annual facilities inspections for various buildings at the campus. The resulting inspections report document various building maintenance and repair needs.

JAMES J. BRAZEL

**Director, Environmental Services/Senior Associate
Quality Assurance/Quality Control**

Education B.S., Biology, 1980, Rutgers University

Mr. Brazel, with 28 years of experience in environmental planning and permitting, is responsible for the coordination and management of all environmental projects. In addition to his project management responsibilities his areas of expertise include: freshwater wetland delineation and permitting; stream encroachment (submittals include all technical and environmental planning associated with permitting process); sewer extension and NJPDES applications; stormwater management studies; endangered species reconnaissance; soil erosion and sediment control planning; environmental assessment studies (NEPA, E.O. 215); environmental impact studies; hazardous materials screenings; environmental constraints planning; permitting for local, state, and federal agencies; and expert testimony. Mr. Brazel also acts as RBA's corporate Quality Assurance Manager and is responsible for providing direction and coordination of RBA's Quality Program. Mr. Brazel's project experience includes:

NJ Turnpike Multidiscipline On-Call Environmental Term Agreement (2008–2011) - As Project Manager, oversees preparation of environmental studies to support Turnpike infrastructure projects as well as environmental process improvements including NEPA compliance, Section 106 cultural resource evaluations, EO-215 preparation, federal/state permit applications, hazardous materials screenings and impact analysis.

NJ Turnpike Interchange 18W Improvements - As Environmental Task Leader, managed development of environmental documentation including, EO-215 Environmental Assessment, wetland permitting, hazardous materials screening/analysis.

NJDOT Multidiscipline Multi-Year Environmental Term Agreements, Statewide (2000-2008 and 2011-2013) – Project Manager for provision of various environmental tasks under 3-year task order contracts. This is the fifth consecutive term contract of this kind awarded to RBA by NJDOT. Overseeing tasks involving technical environmental studies and environmental screenings, including air quality, ecology, hazardous waste, noise, socioeconomics & land use, environmental justice analysis and integration within planning functions and projects, cultural resources (SHPO coordination/ Section 106 and the standards for rehabilitation), as well as preparation of Categorical Exclusion Documents, Environmental Assessments, Section 4(f) Documents, Green Acres coordination, and EO 215 (EA/EIS) Documents. Utilized NJDEP Environmental Databases as part of constraints analysis and prepared numerous permits for NJDEP including wetlands (GP/IP), Stream Encroachment, CAFRA, Waterfront Development, Endangered/ Threatened Species and SHPO Approvals.

Picatinny Arsenal - Environmental Work Summary, NJ - Oversaw a variety of environmental services to Picatinny Arsenal over the years. RBA provided wetland delineation and environmental permitting services for the Precision Munitions Facility Project. Project included permitting for installation of water and cable utility lines to service the new test facility. RBA completed an environmental assessment, including wetland and floodplain delineation, and prepared draft construction plans and permit application packages for improvements at the Arsenal's "Gorge" ordinance test area. Said improvements are to correct a significant drainage and erosion problem that poses a risk to an adjacent trout stream. RBA is in the process of completing NEPA documentation in order to obtain federal funds and permits for this project.

Green Park, Liberty State Park, Jersey City, NJ - Environmental project director responsible for permitting, including waterfront development and wetland permits for developing 106 waterfront acres of former rail yards into a green park.

Juvenile Medium Security Facility Expansion, Bordentown, NJ - Oversight of EO-215 preparation, wetland delineation, and LOI application for this \$30 million project for the New Jersey Juvenile Justice Commission.

Berkshire Valley Golf Course, Jefferson, NJ - Oversaw all engineering, environmental and subconsultant services for this 18-hole golf course. Services included extensive H&H modeling of existing site, which included several interconnected ponds and watercourses. Also determined floodplain constraints to be used in the design of the golf course and evaluation of net-fill requirements. Oversaw the design of extensive system channels and pipes to divert surface and subsurface runoff draining down steep, mountainous embankments. Additionally, oversaw the design and permitting for two septic systems and the stormwater management system.

GLENN CALABRESE

Principal Environmental Scientist

LSRP/Environmental Remediation Task Leader/Health & Safety Officer

Education	M.B.A., 2007, William Paterson University (AACSB) M.S., Geology, 1998, Montclair State University B.S., Earth Science/Minors in Biology, Anthropology, Religion, 1986, Upsala College
Certifications/ Licenses	Licensed Site Remediation Professional (LSRP) Certified Hazardous Materials Manager (CHMM) Certified NJDEP UST Subsurface Evaluator Certified NJDEP UST Closure Certified AHERA Asbestos Inspector NJ/NY/NYC Certified Lead Inspector & Risk Assessor NJ/NY/NYC NJDEP Qualified UHOT Program
Training	OSHA 40-Hour Hazardous Waste Operations & Emergency Resp. (HAZWOPER) DOT HAZMAT Transportation (49 CFR- 172.704) DOT Security Awareness (49 CFR-172.704) Site Supervisor Training (28 CFR-1910.120 (p)(3)), NUS Corporation Applications in Advanced Hydrogeology (4-day), Rutgers University (2009) Groundwater Pollution & Hydrology Course (40-Hour), Princeton GW (2006) The Rutgers University Wetland Delineator Program, Rutgers University (2009) Occupational Safety & Health Compliance Mgmt. Certification Series, EOHSI <ul style="list-style-type: none">• Fundamentals of Occupational Safety Compliance• Fundamentals of Industrial Hygiene• Air Sampling for Toxic Substances• Practical Occupational Health and Safety Management
Memberships	Alliance of Hazardous Materials Professionals Licensed Site Remediation Professionals Association National Groundwater Association

Mr. Calabrese has 21 years of experience in the coordination and oversight of environmental projects. His areas of expertise include: Phase-I, Preliminary Assessments (PA), feasibility studies, Environmental Assessments (ES), Site Investigations (SI), Remedial Investigations (RI) and Remedial Actions (RA) for private, government and chemical manufacturer clients.

Mr. Calabrese has extensive experience in health & safety and field activity applications. He has created in-house health & safety policies and oversaw all office-wide field safety plans. He has developed environmental supplemental specifications/procedures and imported fill specifications for the New Jersey Turnpike Authority (NJTA) and worked closely with the New Jersey Department of Transportation (DOT) on various projects.

Mr. Calabrese has many years of experience dealing with the NJDEP and has provided insightful knowledge of environmental procedures for a more streamlined approach in solving environmental issues.

Project Types Include:

Preliminary Assessments/Phase I (Environmental Site Assessments) & Asbestos Inspections

Performed over 100 inspections of residential, commercial, industrial, public and private properties. Assessments were performed in New Jersey, New York, Pennsylvania, Connecticut, Delaware, North Carolina and Puerto Rico.

UST Investigations

Performed over 50 UST investigations. Investigations were conducted for residential, commercial, industrial and governmental clients. Tank sizes ranged between 275 gallons and 10,000 gallons.

Soil/Groundwater Site and Remedial Investigations

Performed over 60 soil/groundwater investigations for different contaminants

PATRICK MCHUGH

Supervising Environmental Specialist Environmental Studies/Permits

Education	B.A., Environmental Studies, 1986, Ramapo College of New Jersey Graduate course work in wetland ecology, University of NC at Wilmington Corps of Engineers Regional Wetland Delineation Supplement Workshop, 2009 ACOE Wetland Delineation Manual Seminar, 1987
Registrations	Habitat Evaluation Procedure (HEP) Certified, 1995 ACOE Certified (Provisionally) Wetland Delineator Certified Professional Wetland Scientist (Society of Wetland Scientists)
Memberships	Society of Wetland Scientists Atlantic Estuarine Research Society
Military	United States Coast Guard Reserve (12 yrs); U.S. Coast Guard Auxiliary (8 yrs)

Mr. McHugh is experienced in and responsible for conducting wetland assessments and delineations; preparation of NEPA categorical exclusions, environmental assessments, hazardous material screenings and environmental impact studies; wetland mitigation planning, design, and monitoring; and social and economic justification and environmental justice studies. With 24 years of professional experience, he is very familiar with state and federal wetland regulations and is experienced in the preparation of various state and federal permit applications. He has prepared NEPA documents, freshwater wetlands individual permits, general permits, Letter of Interpretation requests, transition area waivers, and ACOE Section 404 permits for a variety of projects throughout NJ. He has prepared CAFRA permits and modifications, Pinelands applications, and waterfront development permits and has conducted endangered species surveys.

Picatinny Arsenal- Environmental Work Summary, NJ – Project manager for a variety of environmental services to Picatinny Arsenal over the years. During 2000-2011, provided NEPA, wetland delineation and environmental permitting services for several projects, including:

- **Picatinny Arsenal Gorge Area Slope Stabilization-** Completed a NEPA Categorical Exclusion (CX) and prepared environmental permits for project wetland impacts. Prepared permit plans and permit application packages for improvements at the Arsenal's "Gorge" ordnance test area. Improvements were to correct a significant drainage/erosion problem that posed a risk to an adjacent trout stream.
- **Picatinny Arsenal Access Control Points Project-** Completed wetland delineation and NJDEP Permit applications. As project manager, coordinated completion of Flood Hazard Area studies, UXO avoidance and preparation of requisite Arsenal Safety Plan and NEPA Environmental Assessment.
- **Picatinny Arsenal BRAC Wetland Delineations-** completed wetland delineation for 6 sites within the Arsenal that were slated to replace sites from other installations closed under the Base Realignment and Closure process. Prepared requisite support documentation in accordance with NJDEP criteria.
- **Picatinny Arsenal Precision Munitions Facility** – Completed wetland delineations of all wetlands within the project study area, coordinated with NJDEP concerning T&E species, prepared Statewide General Freshwater Wetlands and Transition Area Special Activity Waiver permit applications and coordinated with NJDEP in determining that operational impacts were not considered regulated activities.

County College of Morris Storage Facility, Randolph Township, NJ - Conducted a detailed wetland field delineation and prepared associated mapping and report documentation extent of freshwater wetlands and associated wetland transition area within project area. Based on said mapping, coordinated with the architectural team and College in siting the building to avoid wetland and transition area impacts.

NYS&W Trail, Morris County, NY - As Project Environmental Specialist responsible for NEPA CED and completion of wetland delineations and regulatory analysis for this shared use trail in Pequannock. Currently, overseeing preparation of an NJDEP Individual Freshwater Permit application.

NJJJC Juvenile Medium Security Facility Expansion, Bordentown, NJ - Responsible for EO-215 EIS preparation, wetland delineation, and LOI application and permits for this \$30 million project.

Mercer County Park Northwest Wetland Delineation, Pennington, Lawrence, Hopewell, NJ - Responsible for delineation of all wetlands, including confirmation through the LOI process, within 1800-acre Mercer County Park Northwest complex.

RICHARD L. PORTER

Supervisor, Cultural Resource Unit/Historian, Associate

- Education** M.A., American History, 1981, Rutgers University
B.A., History, 1975, Muhlenberg College
- Memberships** American Historical Association
National Trust for Historic Preservation
Society for Industrial Archaeology; Society for Historical Archaeology
Council for Northeast Historical Archaeology
New Jersey Historical Society
Preservation New Jersey

Mr. Porter has 29 years of experience in the fields of cultural resource management and historic preservation. He is responsible for the coordination and management of all RBA projects in these fields. In addition to his project management responsibilities, his areas of technical expertise include:

- All areas of historical research, including the use of primary documentary sources, cartographic sources, and secondary sources, with special emphasis on applications for historical and industrial archaeology and architectural history
- Cultural Resource Surveys
- Historic Sites Surveys
- Historic American Buildings Survey (HABS)/Historic American Engineering Record (HAER) Documentation
- National Register of Historic Places Nominations
- Historical Studies
- Historic Structures Reports
- Preservation Plans

Mr. Porter's project experience includes:

NJ Route 36 Highlands Bridge Replacement, Boroughs of Highlands and Sea Bright, NJ (NJDOT) - Responsible for general oversight of Phase I/II archaeological survey and historic architectural survey, supervised preparation of application for Project Authorization, attended Sites Council meetings, and conducted historical research and writing.

Hunt House Restoration Project, Hopewell Township, Mercer County, NJ - Responsible for overall management of archaeological investigations associated with historic structure restoration project within Rosedale Park for Mercer County as a subconsultant to Farewell Mills Gatsch Architects.

Ridge Street School Feasibility Study, Newark, NJ (NJSDA) - Cultural resource work for proposed school expansion in Newark. Scope included screening, survey, and mitigation measures. Responsible for overall management and historical work.

Trenton Early Childhood Center Feasibility Study, Trenton, NJ (NJSDA) - Cultural resource evaluation of a proposed school site in Trenton. Scope of work includes screening and recommendations for further investigations. Responsible for overall management of project and historical work.

Union City Schools, HABS Recordation, Union City, NJ (NJSDA) - Cultural resource mitigation work for 2 schools. Scope includes HABS recordation, development of historic context for Union City's school system, and a lesson plan based on the historic context. Responsible for overall management and historical work.

NJDOT Environmental Task Order Agreement - Responsible for overall management of cultural resource components of various projects (numbering approximately 20) authorized under this agreement.

Historical Society of the Rockaways Ford/Faesck House Restoration, Rockaway, NJ - Responsible for overall management and historical work for historical component of historic structure report.

Prior to joining RBA, Mr. Porter was the Associate Director/Historian of the Rutgers University Center for Public Archaeology. In this position, he exercised full administrative and technical control of all historical research, historical and industrial archaeology, and architectural history projects.

THOMAS R. BADENOCH, P.L.S.

Director, Survey/Senior Associate

Survey Task Leader

Education B.A., Geology, 1971, Colgate University
OSHA 40-Hour Hazardous Waste Health and Safety Training, May 1993, MTA Track Safety Training, Oct. 2005

Registrations Professional Land Surveyor, 1978, NJ, PA, NY, VT

Memberships New Jersey Society of Professional Land Surveyors

Mr. Badenoch has been RBA's Director of Surveying since 1995 and Chief of Survey since 1986. He is responsible for the supervision and management of RBA's survey department, including scheduling field crews, writing proposals and estimates, assessing and employing new survey technology and methods, providing analysis, guidance and quality control. His experience includes all aspects of surveying, including ALTA/ACSM Land Title Surveys; engineering and site plan base mapping; topographic, utility, and environmental surveys; ROW mapping; aerial control; survey reports; construction stake-out; as-built surveys; aerial subconsultant coordination; and state-of-the-art GPS surveying.

Valley Forge National Historical Park Boundary Survey - Directed and supervised 3500-acre perimeter boundary survey in King of Prussia, PA for the National Park Service. Total length of all lines surveyed was approximately 28 miles and survey scope included locating or setting 490 concrete monuments. Survey include approximately 3 miles of active rail line. Final plan set was twelve sheets plotted at 200 -scale on digital ortho-photography. (2010-2011)

Bayonne ALTA/ACSM Land Title Survey, Bayonne, NJ (Port Authority of NY and NJ) – Survey Director/Project Manager for ALTA/ACSM Land Title Survey and Acquisition Map for 48-acre property composed of 5 lots in NJ, adjacent to former Military Ocean Terminal. Interfaced with US Army Corps of Engineers to set proposed navigation guides.

Prologis, Elizabeth, NJ- Provided 180 acre ALTA/ACSM boundary, topographic and wetland survey, subdivision map, construction stake out, aerial mapping to develop ground model to verify quantity calculations, and as-built survey for warehouse development project.

Berkshire Valley Golf Course, Jefferson Township, NJ - Supervised compilation of boundary and topographic survey of a 400- acre for acquisition for development of an 18-hole golf course. Provided aerial control for photogrammetry; conducted deed research; and reviewed survey traverse, location of field evidence and boundary analysis. Located approximately 2000 wetland flags delineated by RBA for wetlands exhibit map for Letter of Interpretation from NJDEP.

Bordentown Correctional Facility, Bordentown, NJ – Provided boundary survey for 15-acre juvenile detention facility. Provide aerial mapping control and local road profiles, field edit, and utility survey.

Denville Estates, Denville, NJ - Responsible for 450-acre boundary survey for Jersey City Water Supply. In managing survey crews for this project, which needed to be completed in a compressed time frame, maintained quality control and high levels of accuracy.

Newark School District, Feasibility Study (NJSCC NE-0010-LO1) - Oversaw ALTA/ACSM land title surveys and aerial mapping in the evaluation of the impact to the surrounding areas as well as examining alternatives to the project and the site's ultimate approval. Subsequently, RBA submitted an application for project authorization to the Historic Sites Council of the State Historic Preservation Office and will provide a presentation of the findings. The investigation successfully identified the two sites as feasible and the steps necessary to continue to move the two projects into the next engineering design phase.



ENVIRONMENTAL CONNECTION INC

A Vertical Technologies Corporation

RESUME

W. STEVEN MANIA

PRESIDENT

RELEVANT EXPERIENCE:

Mr. Mania is the founder and President of Vertical Technologies, Inc., (VTI) a leader in environmental management. Mr. Mania has been involved in all phases of environmental consulting since 1987.

In addition to his administrative responsibilities, Mr. Mania is Principal-In-Charge of growth, development, acquisition, budgeting, and quality control for VTI and its associated environmental consulting firms, Environmental Connection, Inc., (EC) and Contamination Control Engineering, Inc., (CCE).

Much of Mr. Mania's efforts are related to projects involving sophisticated design, specification-contract development and direct project management, environmental auditing, investigations and public speaking, or projects that, due to legal or client privilege issues, are of a delicate nature.

PROJECT EXPERIENCE:

The following is an abridged synopsis of Mr. Mania's professional experience:

- In accordance with the Mayor's Directive, Mr. Mania was the overall cognizant administrator for VTI/CCE's environmental investigation services at Ground Zero during rescue/recovery and clean-up operations, in accordance with the City of New York, Department of Investigation, (DOI) monitorship program. Mr. Mania's involvement revolved around the assurance of the integrity associated with, and review and evaluation of, remediation protocols, regulatory compliance, environmental forensics, payment submittal analysis and fraud/corruption investigations relative to Contractors and Consultants working at the site and perimeter structures impacted from the attack on the World Trade Center on September 11, 2001. Mr. Mania also co-authored a series of environmental reports for all environmentally related site activities and findings submitted to the DOI.
- Mr. Mania's experience also includes Environmental Health and Safety as well as general construction litigation investigations and Contract analysis for various City of New York, Offices of the Inspector General; City of New York, Department of Investigation, as well as various legal firms in New Jersey and New York. Mr. Mania, along with the firm's team of professionals, provides the City of New York, School Construction Authority's Industrial and Environmental Health Division, with environmental, construction and software development consulting services aimed at the improvement of the Agency's operating procedures.
- Under the direction of Mr. Mania, Contamination Control Engineering (CCE) assisted the



ENVIRONMENTAL CONNECTION INC

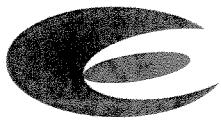
A Vertical Technologies Corporation

City of New York, Housing Authority, Office of the Inspector General, (OIG) with its Roofing Contractor investigation. Through Mr. Mania's direct involvement and oversight, CCE provided the analysis of core samples from various New York City Housing Authority roofing projects. Analytical services were utilized to determine if all roofing materials were removed to the deck and replaced with new materials as per the Contract, or if new materials were installed over existing. As a result of the findings of these assessments, Mr. Mania drafted formal reports to the OIG.

- Mr. Mania was involved in the State of New Jersey's Department of Human Services (DHS) response to the Governor's directive related to the September 11, 2001, WTC attack, at the Liberty State Park, and recently, under the direction of DHS, spearheaded the environmental safety and health aspects of an emergency response to the Trenton Psychiatric Hospital, Haines Building fire.
- Mr. Mania was integrally involved, from a management perspective, with assisting the State of New Jersey, Department of Human Services, (NJ DHS) July of 2002 response to the Haines Building Fire at Trenton Psychiatric Hospital, in West Trenton, New Jersey. In this regard Mr. Mania attended all pertinent site meetings and facilitated the management, in conjunction with the Department of Human Services (DHS) and Division of Property Management and Construction (DPMC) personnel, in the coordination of Contractors, consisting of an estimated forty (40) man crew, to restore buildings impacted by the fire, inclusive of drying, environmental remediation, fire damage restoration, and the evaluation of the structure's water integrity. In addition, Mr. Mania, in conjunction with DHS and DPMC representatives, evaluated interior building conditions to forensically determine the extent of damage within the building directly related to the fire in preparation for negotiations with the State of New Jersey Insurance Agent and potential future litigation.
- Mr. Mania is the primary representative for a pilot project that involves a mold prevention program in new construction on the upper west side of Manhattan, New York. In conjunction with CCE's team, Mr. Mania managed and coordinated the project which involved the review and comment, as draft reports, of documents generated by the Owner, the Owner's representative and the Construction Management Firm, relative to terminology, work practices, engineering controls and legality in the prevention and/or remediation of microbial contamination. Mr. Mania's team of investigators also evaluating site conditions, compliance with mold prevention protocols, collecting moisture meter readings, maintaining photograph logs and issuing draft reports summarizing on-site inspection activities, delineating potential areas of concern and suggesting remedial options to mitigate problem areas. The intent of the project is to minimize the potential of litigation between the Owner and future tenants as a result of microbial contamination.

EDUCATION:

Mercer County Community College-1987
AAS



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CERTIFICATIONS AND ASSOCIATIONS:

During his extensive career in the environmental sciences, Mr. Mania has received certifications of proficiency as follows:

- AIHA, Building Sciences, Building Construction & Moisture Prevention
- New Jersey Asbestos Safety Technician
- AHERA Asbestos Project Designer
- AHERA Asbestos Building Inspector and Management Planner
- Phase Contrast Microscopy NIOSH 582 Certified
- Registered and proficient in the Asbestos Analyst Testing (AAT) Program
- Skilled in Polarized Light Microscopy (PLM) analysis
- Hand Held X-Ray Fluorescence Analysis Trained and Certified
- Sub-surface Evaluator Certificate of Completion

Mr. Mania has professional membership in the following organizations:

- Member of the Environmental Information Association (EIA)
- Member of the American Industrial Hygiene Association (AIHA)
- Member of the American Conference of Governmental Industrial Hygienists



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RESUME

JAMES FRISBEE, CIH OPERATIONS MANAGER

RELEVANT EXPERIENCE:

Mr. Frisbee is the Operations Manager for the Industrial Hygiene Division of Vertical Technologies, Inc., (VTI) the parent company of Environmental Connection, Inc., (EC) and Contamination Control Engineering, Inc., (CCE). Mr. Frisbee is a Certified Industrial Hygienist (CIH) and is responsible for managing all industrial hygiene operations for the company, including asbestos and lead-based paint management services, indoor air quality, moisture and mold services, health and safety and OSHA monitoring services. Mr. Frisbee is also responsible for business development of industrial sector clients, developing OSHA compliance monitoring sampling plans, performing hazard assessments and expert witness testimony.

Mr. Frisbee has experience in conducting remedial site assessments, US EPA stationary source reference methods, OSHA and NIOSH sampling and analytical methods, indoor air quality investigations, ventilation system evaluations, occupational safety and health audits, asbestos inspections, asbestos management plans and designs and project management, lead-based paint management services and site investigations for microbial and building science related issues. Mr. Frisbee's career in industrial hygiene began in 1983 and he has maintained his American Board of Industrial Hygiene (ABIH) CIH designation since 1993.

PROJECT EXPERIENCE:

The following is an abridged synopsis of Mr. Frisbee's professional experience:

- Mr. Frisbee has managed industrial hygiene offices located in New York City, Pennsylvania and now in Trenton, NJ. He was active as an Asbestos Safety Technician and Project Manager in support of numerous asbestos abatement projects in New Jersey public schools between 1983 and 1990. He designed and managed a three year, \$12,000,000 asbestos abatement project for Hartz Mountain Industries in Newark, New Jersey.
- Mr. Frisbee has conducted facility Health and Safety surveys for the General Services Administration throughout Region 2, including federal court houses, IRS facilities, and Region 2 headquarters at 26 Federal Plaza in New York City. Health and safety inspections involved the evaluation of physical, chemical and potential biological hazards within the workplace, including evaluation of noise sources, illumination, slip/trip/fall hazards, hazardous material storage, ingress/egress signage and fire safety concerns.
- Mr. Frisbee provided extensive industrial hygiene consultation and the oversight of monitoring services for lead paint disturbance activities for the New York City Transit Authority (NYCTA), Office of Systems Safety, (OSS) between 2000 and 2002. This work included the review of daily OSHA monitoring data for the NYCTA, review of daily monitoring log notes and paint chip sampling reports to develop a database of employee



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exposure monitoring data for specific lead tasks (sandblasting, power drilling, needle-gun, hand-scraping, torch-cutting) and to develop a Lead Exposure Assessment and/or Negative Exposure Assessment for the tasks performed by the NYCTA maintenance personnel.

- Mr. Frisbee has also executed several large microbial investigation projects at the State of New Jersey Capital Complex and at The College of New Jersey, employing various investigative techniques, including moisture mapping, air sampling, surface sampling, Heating, Ventilation and Air Conditioning (HVAC) system investigation and testing.
- Mr. Frisbee has supported several State of New Jersey projects involving *Legionella* contamination within the domestic water systems. Mr. Frisbee developed investigation protocols, including visual inspections to identify mechanical system deficiencies, water and surface swab sampling plans to assist in rapid control of potential *legionella* contamination.
- Mr. Frisbee managed OSHA compliance monitoring for the US Pipe and Foundry facility located in Burlington, New Jersey, for exposures to carbon monoxide, formaldehyde, particulates, coal dust, metals, noise, crystalline silica and sulfur dioxide.
- Mr. Frisbee has supported Monmouth County with monitoring of lead dust clean-up within an Indoor Firing Range, including all surfaces, all Air Handling Units and associated air duct systems in support of a switch from the use of lead containing to lead-free ammunition.

EDUCATION:

B.S. Geology/ Environmental Science
Susquehanna University, Selinsgrove, PA (1979-1983)

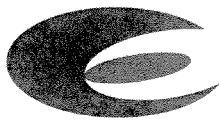
CERTIFICATIONS AND ASSOCIATIONS:

During his extensive career in the environmental sciences, Mr. Frisbee has received certifications of proficiency as follows:

- Certified Industrial Hygienist (CIH)
- Certified Exterior Insulation Finish System (EIFS) Inspector
- State of New Jersey Asbestos Safety Technician (AST)
- AHERA Asbestos Building Inspector and Management Planner
- AHERA Asbestos Project Designer
- OSHA Hazardous Waste Operations and Emergency Responder (HAZWOPER)

Mr. Frisbee maintains professional membership in the following organizations:

- American Industrial Hygiene Association (AIHA)
- American Industrial Hygiene Association (AIHA) Philadelphia Section
- American Board of Industrial Hygiene (ABIH)
- Exterior Design Institute (EDI)



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RESUME

RYAN BROADWATER

PROJECT MANAGER

AREAS OF EXPERTISE:

Mr. Broadwater is a Project Manager and Senior Industrial Hygienist for Vertical Technologies, Inc., (VTI) and its subsidiaries Environmental Connection, Inc., (EC) and Contamination Control Engineering, Inc., (CCE) whose background encompasses years of experience in environmental safety and health.

Mr. Broadwater has an extensive background in environmental investigations - including environmental site assessment, HVAC inspection and management; microbial remediation project design and implementation; indoor air quality; construction practices; subsurface evaluation, monitoring, and remediation coordination; development and implementation of site specific health and safety plans and AHERA management plans; lead project design and monitoring; and coordination of both large and small scale Asbestos Hazard Abatement Projects in a variety of jurisdictions. Mr. Broadwater has been involved in the environmental field since 2002.

As a Project Manager, Mr. Broadwater is directly responsible for overseeing a staff of technicians that monitor on-site activities of remediation/survey projects, while serving as a project point of contact on an administrative level and working in concert with key corporate personnel.

PROJECT EXPERIENCE:

The following is a listing of Mr. Broadwater's key project experience:

- Mr. Broadwater has provided successful project management, monitoring and analytical services for numerous asbestos, lead, microbial, ground water and soil reclamation, and chemical projects of various sizes and complexity.
- Served as supervising project manager for a three (3) year asbestos removal project to allow for the installation of code mandated fire suppression and associated security system at five (5) residential halls at Ancora Psychiatric Hospital, a State of New Jersey, Division of the Treasury, capital construction project. Mr. Broadwater conducted an audit of existing assessment reports and asbestos project design, and revised and updated work plans to accommodate the project throughout the progression of the construction activities. The five (5) buildings addressed in this project comprise the primary residential facilities at the hospital, and required delicate care and attention to detail in regards to the normal routine and activities of both the clients and staff in an effort to ensure the smooth continuation of Ancora Psychiatric Hospital's important mandate.



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- Provided a variety of environmental consulting services for both public and private colleges and universities. Including The College of New Jersey, Bucks County Community College, Mercer County Community College, Middlesex County College, Ramapo College of New Jersey, Rider University, Princeton University, Rowan University, Stockton University, Essex County College, Farleigh Dickinson University, Camden County College, Stockton College, Thomas Edison State College, Burlington County Community College, and Ocean County College. Mr. Broadwater served as project manager for several projects of high sensitivity and importance – including emergency water intrusion and microbial impact study and remediation at Eickhoff Hall, which is the primary dining and campus life facility at the College of New Jersey, Environmental coordination for the demolition of an Academic Building (Bosshart Hall) and two residential housing complexes at Rowan University, and an extensive role in building retrofit and reallocation at Bucks County Community College – Newtown Campus.
- Served in a variety of tasks and roles for projects under term contracts for departments and agencies of the State of New Jersey, including the Department of Corrections, Department of Labor and Workforce Development, Department of Human Services, Department of Transportation, Department of Environmental Protection, Juvenile Justice Commission, and Division of Treasury – Department of Property Management and Construction. Key projects include the inspection, planning, and design of the asbestos abatement/ roof replacement project at Garden State Correctional Facility – Central Facilities and Administration, as well as the conversion activities at the Villas Wildlife Management Area. Mr. Broadwater has been involved in more than 100 projects conducted by the State of New Jersey and its agencies over nearly a decade.
- Project manager, designer, and consulting industrial hygienist at more than 20 Federal Facilities and Installations – operated by the United States Department of The Navy, United States Marine Corps, United States General Services Administration, United States Department of Homeland Security, and United States Coast Guard. Project experience included interaction with members of other architectural, engineering, and construction firms from across the United States - requiring an effective team approach and personal communication skills to ensure timely execution of tasks and completion of project benchmark goals on large-scale construction projects.
- AHERA Coordinator for more than 45 public and private school districts located in New Jersey and Pennsylvania. Mr. Broadwater has addressed district personnel and community members regarding emergency response, guided Local Education Agencies in project design, bid coordination, and construction timeline execution, has developed a variety of approaches to cost effectiveness in regards to public relations criteria for school districts on a case by case basis.
- Conducted and assisted in sub-surface evaluation, ground water and aquifer monitoring and remediation, and soil reclamation projects under the directions of a Professional Geologist (P.G.) and New Jersey Licensed Site Remediation Professional (LSRP). Mr. Broadwater has served clients including the City of Trenton, NJ, City of Philadelphia, City of Camden, NJ, and State of New Jersey, Department of Environmental Protection. Mr. Broadwater participated in projects funded by USEPA's CERCLA (Comprehensive Environmental



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Response, Compensation, and Liability Act of 1980) "Superfund" program on federal Brownfield designated sites.

EDUCATION:

B.S. Political Science
The Pennsylvania State University 1995-1999

CERTIFICATIONS AND ASSOCIATIONS:

Mr. Broadwater has received certifications of completion/ licensure as follows:

- National Institute for Occupational Safety and Health (NIOSH) 582 Sampling and Analysis
- Listing on American Industrial Hygiene Association's Asbestos Analyst Registry
- Certified for the use of X-Ray Fluorescence Analysis Equipment
- USEPA Accreditation as an AHERA Building Inspector, licensed PA (prior NY and MD)

RELEVANT TEAM EXPERIENCE

RBA's experience includes the full spectrum of demolition, renovation and site restoration projects. We have worked as a "Team" with owners, demolition contractors, recyclers, and salvage specialists to streamline the process of preparing demolition documents that are detailed and comprehensive without being complicated and cumbersome. The demolition documents must clearly define the requirements, goals and priorities of the project.

Our team's extensive experience in demolition, environmental remediation, and site restoration/improvement projects, as well as our previous experience working on similar projects for the DPMC at the Greystone Hospital site in Parsippany, NJ, make us the ideal team for this Term Contract.

The representative project descriptions provided in the back of this section illustrate our experience in all the disciplines required for this project.

RBA's in-house staff, consisting of experienced environmental scientists, archaeologists, water resource engineers, and an LSRP, has extensive familiarity with the permitting and construction issues that must be addressed as part of these demolition projects. RBA is considered a leader in the fields environmental permitting and water resources engineering, and our ability to blend this knowledge with our architectural, site engineering, utility engineering, landscaping, and planning experience allows us to develop exceptional designs while successfully navigating complex permitting processes.

In addition to our extensive experience and technical expertise on these multidisciplinary projects, many of these have been provided to State and local government agencies including DPMC, NJDEP, NJDOT, NJTA, and NJSCC.

Several of our past projects required the development of a Strategic Development Plan due to the proximity of the site and buildings to adjacent roadways and adjacent occupied structures. We anticipate that this may be required for some of the sites under this contract.

SPECIALIZED EXPERIENCE

Building Documentation, Condition Assessments and Recycling Plans

RBA architecture has extensive experience performing building surveys, facility studies and condition reports for hundreds of buildings for numerous public and private clients. The majority of RBA's projects require either total or selective demolition of existing structures in order to prepare a site for future development or remain open space.



DPMC - Demolition Consultant Term Contract TC-008

Project #P1103-00

Development of Environmental Remediation Technical Specifications, Contract Development Bid Administration, Contract Award Recommendations and Contract Management.

Understanding & Managing (Indefinite Delivery) Contracts

The RBA Group's extensive demolition and site restoration experience as well as our Team's expertise in providing services under open-end term contracts provides a well suited background to assist DPMC with its projects.

Our term contracts have included varied work assignment across several disciplines. At RBA, we pride ourselves on our ability to provide client service under the most difficult time constraints. Our clientele, 80 percent of which are repeat clients, have remained loyal to this firm because we have committed the resources, promptly, as needed, to meet their needs. We pledge this same attention to DPMC, as it will make these projects flow that much more smoothly throughout the contract duration.

A key issue and functional requirement is the **ability to manage multiple projects simultaneously**, while maintaining the same level of quality on each of them. Since this type of contract typically requires that your staff work with the consultant on several projects at one time, it is particularly relevant that we have this capability. For all the clients for whom we have provided this type of service, we have always had to administer multiple assignments. For one client in particular, we successfully handled over 20 work orders simultaneously. The size and diversity of RBA allows us to succeed at managing multiple projects in that we have a great deal of flexibility in terms of allocating our staff. Previous Indefinite Quantity Contracts, IDIQ's, Term Agreements, and On-Call Contracts have provided our staff with the experience and insight needed to respond to any challenges we may encounter on this assignment. Clients we have provided these services to include:

- NJ Div. of Property Management & Construction
- NJ Department of Transportation
- United States Postal Service
- US Army Corps of Engineers
- Port Authority of NY&NJ
- County College of Morris
- Erickson Retirement Communities
- NYC Department of Parks and Recreation
- Passaic County Community College
- Picatinny Arsenal
- Correctional Corporation of America
- NJ Schools Development Authority
- New York City Schools Construction Authority
- Lucent Technologies
- New York State Department of Transportation
- New Jersey City University
- New York City Housing Authority
- Wagner College
- NYS Office of Parks, Recreation & Historic Preservation
- NJ Turnpike Authority

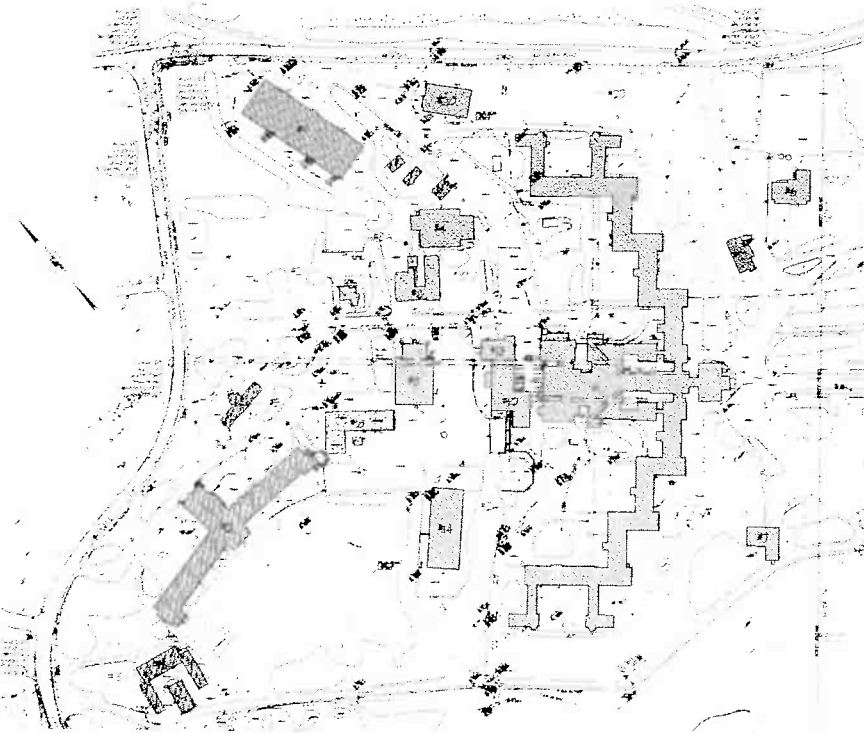
Greystone Park Psychiatric Hospital – Demolition & Site Restoration Parsippany, NJ

New Jersey Division of Building and Construction
33 West State Street
Trenton, NJ 08625
Completion: on-going

The RBA group was contracted by the State of NJ DPMC to prepare plans and specifications related to the Demolition, Hazardous Material Abatement, and Site Restoration for the remaining portion of the old Greystone Park Psychiatric Hospital Complex for passive recreation use. The project encompasses 24 building structures and tunnels totaling over 1 million gross square feet, as well as all roadways and paved areas within a 90.04 acre parcel in Parsippany, NJ. RBA's services included field surveys and documentation, hazardous building material sampling, testing and reporting, structural condition analysis, recycling reports and cost estimate. This information was assembled and submitted in an Advisability Study which was presented to DPMC for review and to secure funding. RBA recently completed Construction Bid Documents for this project.



RBA will be providing construction oversight and monitoring when demolition activities commence.



Services

- Survey
- Advisability Study
- HBM Survey
- Environmental Analysis
- Documentation
- Environmental Permitting
- Demolition Documents
- Agency Coordination
- Permitting
- Construction Administration

Elizabeth Maintenance Facility Elizabeth, NJ

New Jersey Department of Transportation
1035 Parkway Avenue
Trenton, NJ 08625
Completion: 2009



RBA was contracted to provide A/E services and environmental remediation associated with the construction of a new 85,000 SF maintenance facility located on an abandoned NJDOT site adjacent to the NJ Turnpike. Prior to constructing the new facility, several derelict building structures had to be demolished, the site remediated for contamination and utilities removed and relocated. Due to the presence of methane gas in the subgrade, the site was capped and a complex system for methane venting was installed below the building footprint.

Salt Dome



2002

Area of Demolition and
Environmental Cleanup



AFTER

New Maintenance Facility

Blue Acres – Sayerville Residential Properties

EC was contracted as a team member to perform the assessments of four (4) residential properties in Sayerville, New Jersey. The properties, 127 Weber Avenue as well as 129, 50 and 28 MacArthur Avenue are slated to be demolished under the Blue Acres program of the New Jersey Department of Environmental Protection (NJDEP) as a result of being damaged during the course of Hurricane Sandy. Accordingly, EC in conjunction with the Architect of Record provided inspection of the four (4) residential properties. EC provided an inspection for asbestos containing materials in each of the properties and then prepared a report of the findings which was sent to the Architect of Record. EC is currently preparing a Specification section which will be incorporated into the overall demolition bid package for the State of New Jersey. When completed, EC will provide the construction administration of the remediation work for each of the properties through the collection of final air samples to clear the buildings for demolition.

Lincoln Park Emergency Services & Municipal Building Complex Lincoln Park, NJ

Borough of Lincoln Park
34 Chapel Hill Road
Lincoln Park, NJ 07035
Completion: 2009

RBA prepared a comprehensive feasibility study and functional needs assessment resulting in the design and development of contract documents for four emergency service buildings and site improvements on three properties. This project included a new police department, fire and rescue buildings and new municipal facility totaling 46,000 SF. Project involved phasing of construction and extensive coordination with regulatory and approving authorities. RBA also provided construction coordination throughout the project as well as facility commissioning. It was completed on schedule and within budget. Major project issues and design solutions include:

- Maintain mission critical municipal functions for the Borough's emergency services throughout construction.
- Evaluate and identify site constraints, wetlands, floodplains, hazardous materials, underground storage tanks.
- Secure environmental permits and agency approvals.
- Coordinate/extend site utilities to service new construction and maintain existing operations.
- Develop facility prototype for three stand-alone structures, two fire hose companies and one rescue/EMT facility.
- Construct a new 30,000 SF municipal and police facility.
- Develop a comprehensive and workable construction phasing plan which was fully documented in the project's construction documents.
- Establish construction staging areas to provide safe public and staff access to existing municipal services while allowing for efficient construction activities to proceed in an efficient manner.
- Work closely with the department-incorporated planning techniques and strategies outlined in the IACP planning guidelines.
- Develop demolition documents for the removal of several structures including site restoration.



DPMC - Demolition Consultant Term Contract TC-008

Project #P1103-00

Professional Experience in Public Housing

The RBA Group has been working with public housing authorities throughout our 44 year history. We have completed thousands of units of public housing in NJ, NY, MD, CT and PA. The majority of our projects have been two to three story structures; however, we have also completed several mid-rise and high-rise developments.

Our projects have included comprehensive master plans and studies, new buildings, alterations to existing buildings and rehabilitation and facility upgrades. Several of our projects have been completed as part of a strategic Capital Improvement Program.

Knowledge of HUD Rules and Regulations

RBA has a clear understanding of HUD criteria relating to the public housing program from design through construction administration. We have extensive experience in executing HUD contracts and are knowledgeable with all contract clauses and requirements relating to the Architects role and responsibility, as well as the Contractors responsibility throughout construction. RBA is experienced in projects funded by CDBG, as well as the specific requirements of CFP/CIP programs. During the development of our documents, our Team will work closely with the Housing Authority in incorporating all criteria to assure compliance with US Department of HUD Procurement and contract administration requirements. Several of our current assignments have ARRA reporting requirements related to Capital Fund Grants, and we supply all required documentation throughout the life of the project.

RBA is also familiar with HUD's strategic plan and mission. The integration of all stakeholders with a common goal assures the success of the plan.

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME James Brighton, AIA, LEED AP

TITLE Principal in Charge / Project Manager

FIRM The RBA Group

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Eatontown MVC Renovations Construction Cost \$5,500,000	The RBA Group	Programming, Master Planning, Architecture/ Engineering, and Construction Admn.	Principal/ Project Manager	6	10	2013	NJ DPMC Pat Papero (609) 633-3745 MVC Enas Tantous (609) 633-9282
Greystone Demolition and Site Restoration Parsippany, NJ Construction Cost \$35,000,000	The RBA Group	Advisability Study, Architectural, Site, Environmental, Construction Document, Construction Admn.	Principal/ Project Manager	14	15	2013	NJ DPMC Raymond Arcario (609) 943-3365 Richard Flodmand (609) 984-3629 Richard Herrero (609) 292-6558
Lincoln Park Emergency/ Municipal Services Program Construction Cost \$14,000,000	The RBA Group	Programming, Master Planning, Architecture/ Engineering, and Construction Admn.	Principal/ Project Manager	18	20	2008/2009	Borough of Lincoln Park Perry Mayers, RA (973) 270-2022
Parsippany Police & Court Facility, Parsippany, N Construction Cost \$8,500,000	The RBA Group	Site Assessment, Master Planning, Architecture/ Engineering, and Construction Admn.	Principal/ Project Manager	16	15	2007	Township of Parsippany Mayor James Barbiero (973) 263-4297
Erickson Retirement Community Cedar Crest Village Pompton Plains, NJ Construction Cost \$350,000,000	The RBA Group	Programming, Master Planning, Architecture/ Engineering, and Construction Admn.	Principal/ Project Manager	72	20	2000/2009	Erickson Living Steve Montgomery (410) 402-2449
Bridgewater Post Office Expansion Bridgewater, NJ Construction Cost \$4,000,000	The RBA Group	Site Assessment, Master Planning, Architecture/ Engineering, and Construction Admn.	Project Manager	10	20	2003	USPS Kirk Bennett (201) 714-7220

* A KEY TEAM MEMBER IS A PERSON WITH A CRITICAL ROLE IN THE PROJECT AND/OR DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Horace Walker, AIA, LEED AP

TITLE Technical Advisor & QA / QC

FIRM The RBA Group

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
New Cassel Community Center North Hempstead, NY Construction Cost \$21,000,000	The RBA Group	Architecture, Engineering, Design, and Construction Documents	Project Manager	18	15	2010 - Present	Town of North Hempstead April Brown Lake (516) 627-4062
Elizabeth Maintenance Facility Elizabeth, NJ Construction Cost \$16,000,000	The RBA Group	Site Assessment, Master Planning, Architecture/ Engineering, and Construction Admn.	Project Manager	16	20	2010	City of Elizabeth Anthony Bottita (908) 820-4278
County College of Morris (CCM) Randolph, NJ Construction Cost Varies	The RBA Group	Architecture	Project Manager	On-going	20	1990 - Present	County College of Morris Karen Vanderhoof (973) 328-5012
Emeriti Hall Renovations Randolph, NJ Construction Cost \$5,000,000	The RBA Group	Site Assessment, Master Planning, Architecture/ Engineering, and Construction Admn.	Project Manager	12	20	2011	County College of Morris Karen Vanderhoof (973) 328-5012
Henderson Hall Renovation Randolph, NJ Construction Cost \$5,500,000	The RBA Group	Architecture, Engineering, Design, and Construction Documents	Project Manager	12	20	2010	County College of Morris Karen Vanderhoof (973) 328-5012
College of St. Elizabeth Renovation of Chemistry Labs and Faculty Offices, Convent Station, NJ \$2,000,000	The RBA Group	Architecture/ Engineering, and Construction Admn.	Project Manager	on-going	10	2009 - 2012	College of St. Elizabeth James Gerrish (973) 290-4479

* A KEY TEAM MEMBER IS A PERSON WITH A CRITICAL ROLE IN THE PROJECT AND/OR DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Michael Wolz, CSI, CCA, AIA, LEED AP

TITLE Project Architect

FIRM The RBA Group

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Eatontown MVC Renovations Construction Cost \$5,500,000	The RBA Group	Programming, Master Planning, Architecture/ Engineering, and Construction Admn.	Architectural Support	6	10	2013	NJ DPMC Pat Papero (609) 633-3745 MVC Enas Tantous (609) 633-9282
Greystone Demolition and Site Restoration Parsippany, NJ Construction Cost \$35,000,000	The RBA Group	Advisability Study, Architectural, Site, Environmental, Construction Document, Construction Admn.	Project Architect	14	25	2013	NJ DPMC Raymond Arcario (609) 943-3365 Richard Flodmand (609) 984-3629 Richard Herrero (609) 292-6558
Erickson Retirement Community Cedar Crest Village Pompton Plains, NJ Construction Cost \$350,000,000	The RBA Group	Programming, Master Planning, Architecture/ Engineering, and Construction Admn.	Project Architect	72	10	2000 - 2009	Erickson Living Steve Montgomery (410) 402-2449
Parsippany Police and Court Facility Parsippany, N Construction Cost \$8,500,000	The RBA Group	Site Assessment, Master Planning, Architecture/ Engineering, and Construction Admn.	Project Architect	16	20	2007	Township of Parsippany Mayor James Barbiero (973) 263-4297
Gilligan Student Union Center New Jersey City University Jersey City, NJ Construction Cost \$18,000,000	The RBA Group	Site Assessment, Master Planning, Architecture/ Engineering, and Construction Admn.	Project Architect	36	15	2004 - 2007	Kathy Monteiro, AIA/CSI, Director of Campus Planning & Development (201) 200-2064

* A KEY TEAM MEMBER IS A PERSON WITH A CRITICAL ROLE IN THE PROJECT AND/OR DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Bryan VanderGheyst, PE

TITLE Site / Civil Engineering

FIRM The RBA Group

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Eatontown MVC Renovations Construction Cost \$5,500,000	The RBA Group	Design, Permitting, & Construction Support	Principal Engineer	5	10	2013	DPMC Pat Papero (609) 633-3745
NJDOT Hydrology & Hydraulics Term Agreement (3 Consecutive Terms) RBA Fee \$1,000,000	The RBA Group	Floodplain Studies, Drainage Design, Plan Development, Permitting, Construction Support	Principal Engineer	72	10	2000 - Present	NJDOT David Ahdout, P.E. (609) 530-2283
Union County College Entrance Drive Reconstruction RBA Fee \$60,000	The RBA Group	Design, Permitting, & Construction Support	Project Manager	10	15	2011 - 2012	Union County College Kevin Conlon (908) 709-7010
Berkshire Valley Golf Course RBA Fee \$1,522,000	The RBA Group	Design, Permitting, & Construction Support	Principal Engineer	36	15	2000 - 2004	Morris County Park Commission Jeff Biggs, PE (973) 326-7600
CCM Roadway Parking Lot Reconstruction RBA Fee \$100,000	The RBA Group	Design, Permitting, & Construction Support	Project Manager	12	10	2010 - Present	County College of Morris Karen Vanderhoof (973) 328-5012
Elizabeth Maintenance Building Construction Cost \$16,000,000	The RBA Group	Design, Permitting, & Construction Support	Principal Engineer	12	5	2006 - 2008	City of Elizabeth Anthony Bottina (908) 820-4102
Lincoln Park Municipal Complex Construction Cost \$18,000,000	The RBA Group	Design, Permitting, & Construction Support	Principal Engineer	12	5	2007 - 2009	Borough of Lincoln Park Perry Mayers (973) 270-2022

* A KEY TEAM MEMBER IS A PERSON WITH A CRITICAL ROLE IN THE PROJECT AND/OR DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Thomas Badenoch, PLS

TITLE Survey

FIRM The RBA Group

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
Greystone Park Psychiatric Hospital Structural Assessment Construction Cost \$35,000,000	The RBA Group	Site Eng, Permitting, Survey, Bulkhead, Construction Support	Survey Task Leader	4	15	2012-2013	DPMC Richard Herrero (609) 292-6558
Eatontown MVC Renovations Construction Cost \$5,500,000	The RBA Group	Permitting Design Survey	Survey Task Leader	1	15	2013	DPMC Pat Papero (609) 633-3745
Bayonne ALTA / ACSM Land Title Survey RBA Fee \$41,700	The RBA Group	Boundary and Topographic Survey	Survey Task Leader	24	5	2009 - 2011	PANY&NJ Richard Carlson, Jr. (201) 595-4852
Valley Forge National Historical Park Survey RBA Fee \$603,000	The RBA Group / Mills & Schnoering	Boundary Survey	Survey Task Leader	15	10	2010 - 2011	National Park Service Liza Rupp (610) 530 - 3773
Route 80 Base Mapping MP 45.1 to MP 53.4 RBA Fee \$499,435	The RBA Group	8 Miles of Base Mapping	Survey Task Leader	15	10	2010 - 2012	NJDOT Ed Scott (609) 530-3773
Route 35 Reconstruction, Ocean County, NJ RBA Fee \$3,500,000	The RBA Group	Design - Roadway Reconstruction, Bulkhead Repairs, Permitting	Survey Task Leader	8	15	2012-2013	NJDOT Ahmad Qureshi (609) 530-3716
Rt. 29 Assumpink Creek Drainage Study, City of Trenton and Township of Hamilton, NJ RBA Fee \$35,000	The RBA Group	Permitting Design Survey	Survey Task Leader	3	10	2013	NJDOT William Birch (609) 530-3063

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Steven Mania
 TITLE President
 FIRM Environmental Connection, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	AGE OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION, ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTACT PERSON AND PHONE NUMBER
New Jersey Department of Corrections Midstate Correctional Facility Fort Dix, New Jersey \$350,000.00	Environmental Connection, Inc.	Asbestos Survey, Design, and Project Management	Project Management, Quality Control	16 Months	6%	01/1999-05/2000	IT Corp. Inc. Michael Dandridge 609-588-6384
New Jersey Department of Human Services Trenton Psychiatric Hospital - Haines Building Trenton, New Jersey \$4,000,000.00	Environmental Connection, Inc.	Environmental Study, Design, and Remediation Management	Project Management, Quality Control	6 Months	12%	06/2002-12/2002	NJ DPMC Raymond Arcano 609-943-3365
The College of New Jersey Student Apartments Ewing, New Jersey \$50,000.00	Environmental Connection, Inc.	Microbial Investigation and Moisture Mapping	Project Management, Quality Control	6 Months	2%	4/2004-9/2004	The College of New Jersey Brunelle Tellis 609-771-2881
New Jersey State House Complex Trenton, New Jersey \$56,000.00	Environmental Connection, Inc.	Microbial Inspection, Assessment and Reporting	Project Management, Quality Control	14 Months	2%	7/2003-9/2004	NJ DPMC Pasqual Papero 609-633-3745
New Jersey Department of Human Services Liberty State Park 9/11 Relief Project Jersey City, New Jersey \$2,000,000.00	Environmental Connection, Inc.	Assisted NJDHS in Facilitating Site Preparations for 9/11 Victim Families	Coordinator	< 1 Month	20%	10/2001	New Jersey Department of Human Services William Schaffer 609-633-8492
New Jersey State House Complex Trenton, New Jersey \$100,000.00	Environmental Connection, Inc.	Air Handler Modifications Pilot Project	Project Management, Quality Control	6 Months	4%	7/2005 - 12/2008	NJ DPMC Pasquale (Pat) V. Papero 609-633-3745
New Jersey Department of Human Services New Lisbon Developmental Center Food Services New Lisbon, New Jersey \$+70,000.00	Environmental Connection, Inc.	Asbestos Fiber Release Episode Management	Project Management, Quality Control & Coordinator	<1 Month	10%	10/1/2008 - 10/3/2008	New Jersey Department of Human Services William Schaffer 609-633-8492

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Richard Beach
 TITLE Vice President
 FIRM Environmental Connection, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	AGE OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTACT PERSON AND PHONE NUMBER
William Paterson University 1600 Valley Road Wayne, New Jersey \$3,500,000.00	Environmental Connection, Inc.	Study, Design and Abatement Management for Asbestos Containing Materials	Project Management, Quality Control	12 Months	10%	10/2000-04/2001	William Paterson University John Urnyi 973-720-2323
Bloomfield High School Bloomfield, New Jersey \$30,000,000.00	MIRM	Asbestos, Lead Based Paint & HAZMAT Study, Remediation Design & Project Monitoring	Project Management, Quality Control	6 Months	5%	06/2004-06/2006	Vincenten-Thompson- Meade, Inc. Keith Thompson 908-232-5860
Wachovia Bank, N.A. Various Branches NJ, CT, MD, NY \$3,000,000.00	Environmental Connection, Inc.	Environmental Studies & Remediation Monitoring	Project Management, Quality Control	12 Months	40%	1996-Present	Wachovia Bank, N.A. Bonnie Tomaszewski 267-321-7803
Gateway National Park Fort Hancock Sandy Hook, New Jersey \$3,000,000.00	Environmental Connection, Inc.	Assessment of 72 Buildings for Asbestos Containing Materials	Project Management, Quality Control	1 Month	5%	6/2008-7/2008	PRIZM, Inc. Robert France 301-840-2222
Pequanock Twp Board of Education High School and Middle School Renovations Pompton Plains, NJ \$300,000.00	Environmental Connection, Inc.	Survey, Design and Remediation Monitoring for Asbestos Containing Materials, Lead Paint, and Hazardous Materials	Project Management, Quality Control	9 Months	5%	1/2009-9/2009	Vincenten-Thompson- Meade, Inc. Brian Meade 908-232-5860
Edgewater Board of Education Washington School Demolition Edgewater, New Jersey \$350,000.00	DiCarla Rubino Architects	Survey, Design and Remediation Monitoring for Asbestos Containing Materials, Lead Paint, and Hazardous Materials for Demolition	Project Management, Quality Control	8 Months	10%	2/2010-9/2010	DiCarla Rubino Architects Germano Rubino 973-256-0202
Bosco's Department Store, LLC MD, PA and NJ Sites \$+670,000.00	Environmental Connection, Inc.	Survey, O&M Plans, Design, Bid Admini- stration, and Remediation Monitoring for Asbestos Containing Materials	Project Management, Quality Control	4 Months	5%	4/2006-8/2006	Bosco's Department Store, LLC Carlton Chilcoat 610-929-7473

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME	James Frisbee, CIH
TITLE	Program/Operations Manager
FIRM	Environmental Connection, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	AGE OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION, ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTACT PERSON AND PHONE NUMBER
NJ State House Complex Trenton, New Jersey \$56,000.00	Environmental Connection, Inc.	Microbial Inspection, Assessment and Reporting	Project Manager	14 Months	20%	7/2003-9/2004	NJ DPMC Pasquale (Pat) V. Papero 609-633-3745
The College of New Jersey Student Apartments Ewing, New Jersey \$50,000.00	Environmental Connection, Inc.	Microbial Investigation, Moisture Mapping	Project Manager	6 Months	30%	4/2004-9/2004	The College of New Jersey Brunelle Tellis 609-771-2881
Somerset Medical Center Somerville, New Jersey \$5,000.00	Environmental Connection, Inc.	Moisture Mapping	Project Manager	<1 Month	100%	08/2004	WCD Consultants Chip D'Angelo 609-462-8766
Radiason Hotel Washington, D.C. \$10,000.00	Environmental Connection, Inc.	Moisture and Microbial Investigation	Project Manager	<1 Month	100%	08/2004	Walton Street Capital Semi Salimi 415-458-2358
Wachovia Bank, N.A. Various Branches NJ, CT, MD \$3,000,000.00	Environmental Connection, Inc.	Indoor Air Quality Studies, Project Management	Project Manager	12 Months	50%	8/2003-Present	Wachovia Bank, N.A. Bonnie Tomaszewski 267-321-7803
Hyatt Regency Santiago Santiago, Chile \$11,000.00	Environmental Connection, Inc.	Microbial Investigation	Project Manager	<1 Month	100%	11/2003	ENSR International Gregg Merritt 215-757-4900
New Jersey State House Complex Trenton, New Jersey \$100,000.00	Environmental Connection, Inc.	Air Handler Modifications Pilot Project	Project Manager	14 Months	20%	7/2005 - 12/2008	NJ DPMC Pasquale (Pat) V. Papero 609-633-3745

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Ryan Broadwater
 TITLE Project Manager
 FIRM Environmental Connection, Inc.

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	AGE OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION) ADMINISTRATION	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTACT PERSON AND PHONE NUMBER
Ancora Psychiatric Hospital Fire Suppression Upgrades Hammonton, NJ \$17,500,000.00	STV Architects USA Environmental Management Inc	Environmental/HAZMAT Assessment, Remediation & Demolition Design, Project & Construction Management	Project Designer & Project Manager	30 Months	50%	7/2006-11/2008	New Jersey Department of Property Management and Construction Darren Connegys 609-633-
Rowan University Bosshart Hall Glassboro, New Jersey	Larmey and Giorgio Architects/ USA Environmental Management Inc		Asbestos Building Inspector HAZWOPER Supervisor, Project Design, Project Management	8 Months	30%	8/2007-3/2008	Larmey and Giorgio Architects William Larmey 856-833-0100
\$3,000,000.00	MRM	Asbestos, Lead Based Paint & HAZMAT Survey, Remediation Design & Project Monitoring	Project Manager & Project Inspection, Design, and Coordination	26 Months	25%	04/2003-06/2005	Vincenten-Thompson- Meade, Inc Keith Thompson 908-232-5860
Bloomfield High School Bloomfield, New Jersey \$30,000,000.00	Environmental Connection, Inc./ USA Environmental Management Inc	Asbestos, Lead Based Paint, HAZMAT, Microbial Survey, Remediation Design and Project Monitoring	Inspection, Design, Project Management, and Construction Administration	80 Months	20%	01/2003-06/2011	The College of New Jersey Department of Occupational Safety and Environmental Support Amanda Radosti 609-637-5152
New Jersey Department of Environmental Protection Parks and Historic Resources Trenton, NJ \$20,000,000+ \$5,000,000+ \$3,000,000.00	Environmental Connection, Inc.	Asbestos, Lead Based Paint & HAZMAT Survey, Remediation Design & Project Monitoring	Inspection, Design, Project Management, and Construction Administration	34 Months	10%	6/08 - 06/11	New Jersey Department of Environmental Protection Office of Resource Development Edward Mulvan 609-292-4853
Wells Fargo Bank, N.A. Various Branches NJ, CT, MD \$3,000,000.00	Environmental Connection, Inc.	Environmental Studies & Remediation Monitoring	Project Manager, Industrial Hygienist, Environmental Specialist & Project Designer	33 Months	10%	11/2003-6/2005 6/2011-present	Wells Fargo Bank, N.A. Steven Colton 267-321-7784
Garden State Correctional Facility Chesterfield, NJ	Larmey and Giorgio Architects/ USA Environmental, Inc. Architects/ USA Environmental Management Inc	Site Assessment, Design Development Development	Asbestos Building Inspector, Project Designer Inspector, Project Designer	24 Months	20%	2/2008 - 2/2010	New Jersey Department of Property Management and Construction Property Management and Construction Rich Herrera 609-433-2001

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PROJECT APPROACH/MANAGEMENT PLAN

Overview

We understand this multi-year Term Contract for Demolition Design and Construction Administration services is primarily for the NJDEP's Sandy Blue Acres Acquisition Program. However, it may also include other statewide demolition projects as determined by the State. The Blue Acres Program focuses on acquiring and demolishing flood-prone or flood damaged structures, and deed restricting the land as open space. When available, and to the greatest extent possible, adjoining properties will be clustered and turned into one lot.

It is anticipated that the individual work orders issued by DPMC for the demolition, site remediation and site restoration of acquired properties will vary based on the specific requirements of each site and that a number of work orders could be underway simultaneously. Project size (site and building(s)), environmental issues, permitting, and adjacent properties will all be contributing factors that must be addressed when preparing our fee proposals and assigning work teams.

Work included under this contract may include but not be limited to the following:

- Surveys
- Assessments
- Developing Scope of Work/Design Documents
- Specifications
- Disconnecting Public/Private Utilities
- Closing of Wells, Septic Systems
- AGST Removals
- Identification/Testing of HBMs
- Bid Documents
- Construction Administration

We understand that some of the work to be performed under this contract may be funded and/or reimbursed by FEMA or HUD, and as such our documents will need to meet any additional requirements these agencies have established.

Key Issues of this Contract include:

- Complete demolition within 90 days of acquisition
- Securing DCA approvals and permits
- Safety/protection of adjacent properties currently not in the program that could be occupied
- Experience and ability to manage multiple work orders concurrently
- Ability to interact with agencies and expedite the process
- Ability to address unusual circumstances/unforeseen conditions expeditiously

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Work Plan

RBA will approach each work order as an individual project. A work plan will be established for each project based on its scope. Upon receipt of each work order we will meet with designated client representatives to define the project scope and determine any unique requirements. A schedule including deadlines, activities, deliverables and required staff for each discipline will be established, reviewed and approved by the DPMC. Projects will be developed in accordance with DPMC standard requirements as well as any specific requirements by NJDEP, FEMA and/or HUD; with continuous internal coordination meetings held on a bi-weekly basis or as needed until the completion of each work order. As work orders increase we will assign additional staff so that we can efficiently manage multiple assignments.

Project Initiation/Kick-off Meeting

Prior to receiving our first work assignment RBA will attend a kick-off meeting involving our discipline leaders as well as the key team members representing the DPMC and NJDEP staff. It may also be beneficial to have a joint meeting with the other consultants in order to share ideas/prior experiences on similar projects and develop a standardized approach to successfully completing these contracts in the timeframes desired. At this meeting we expect an open exchange of goals, ideas, and questions relating to the projects. It will also be necessary to establish lines of communication and reporting relationships during the meeting. We would expect that the DPMC/NJDEP would present any procedures and operational matters required through the course of the project. Issues related to Facility operations that will impact the construction such as security issues, access to work areas, work hours and use of the site will be discussed for incorporation into our contract documents. Immediately following this meeting and after notice to proceed, our team will move forward in several areas simultaneously.

Preliminary Site Investigations

Prior to initiating preparation of any construction documents, RBA will perform a thorough review of all previous studies and documentation available for each property. Documents to be reviewed may include:

- Existing deeds and surveys
- NJDEP GIS and other available environmental data
- Current and historic aerial mapping
- FEMA and NJDEP flood mapping
- Cultural resource studies
- Preliminary Assessment Reports (PARs) or other available environmental studies/screenings
- Well and septic records from local boards of health

In addition, we will coordinate with the municipalities and utility companies to determine/verify active services to each property.

As part of our initial evaluations, RBA will perform a site visit to identify structures and existing site improvements to be removed; wetlands or other environmentally sensitive areas that may be impacted by the site remediation/restoration; topographic features, walls, or drainage features that may require additional grading to achieve proper site stabilization; and any other site conditions that will need to be addressed as part of the demolition contract.

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Should the need for additional survey, mapping, or studies be identified during our preliminary site investigations, RBA will notify the State immediately and develop a plan to address concerns and bring the project to successful completion.

Project Scoping Documents

Once our initial investigations have been completed, a summary report will be prepared identifying potential issues, permits required, and items to be included in the demolition contract. All utility services to be abandoned will be identified, along with applicable requirements for each. In general, gas, municipal water, and municipal sewer utilities will be cut-off at the street and abandoned in-place; electric and communication lines will be cut-off at the nearest pole or junction box; septic systems will be abandoned in-place; and wells will be sealed by licensed well drillers.

RBA will obtain written utility releases from affected utility companies, and ultimately follow through after demolition to obtain final disconnect releases, when applicable.

Demolition Planning

The Team's mission is to prepare detailed bid documents for assigned work orders that clearly describe and define the requirements of each Demolition and Site Restoration contract, and enables DPMC to solicit and receive competitive Contractor Bids. A key element to the design phase will be the production of Design/Bid Documents that conform to the requirements of the specific funding entity.

Preparation of Designs and Bid Specifications

In most cases, we anticipate that the bid documents will consist of a detailed written specification and project description, with a plot plan indicating site features to be removed and areas to be restored. Given the tight schedule desired, intricate details, grading plans, and heavily engineered site plans are not anticipated for a majority of the projects.

However, should topographic, environmental, or other site constraints dictate the need for more site specific design information, RBA has the expertise and in-house professionals available to turn around detailed design plans necessary for permitting or proper restoration of a site.

A. Building Documentation

The RBA Team will perform field surveys to document each of the buildings currently identified to be demolished, as well as any miscellaneous structures that may be located within the project areas.

We will collect and review all existing documentation that is available for the existing buildings prior to conducting our pre-demolition field surveys.

The documentation for each building will include, but not be limited to, the following:

- Building classification; use group and construction type.
- Building floor plans and exterior elevations with overall dimensions to define physical size, and building materials supplemented with photographs.

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- Identification of any building areas where the existing building structure presents a potential hazard or unsafe condition that may require shoring to prevent a premature collapse.
- Overview and list of interior finishes to identify the removal of soft debris such as plaster, drywall, ceiling tiles, etc.
- Furniture/equipment and special construction.
- Building sections and details as necessary to describe existing conditions.

B. Utility Documentation, Termination and Removal

One of the key components of a successful demolition project is the accurate location of all utility services. This includes both public utilities and private on-site utilities. The RBA Team will work closely with DPMC, Municipality, and Utility Companies to identify and locate any electric, gas, water, steam, sewer, telephone, and other utility lines that must be shut off, capped or controlled prior to building demolition. In the event it is necessary to maintain any utilities during demolition, such as power and water for dust control, the utility may need to be phased and/or temporarily relocated/protected to achieve worker safety. We will coordinate all utility company termination details and notify DPMC of fees (if any) for inclusion into our bid documents, and specify that certification letters from each of the utility companies be submitted stating that utilities have been disconnected and shut off.

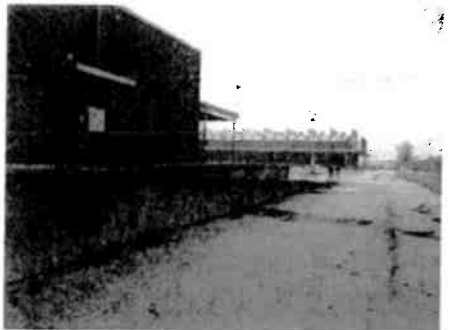
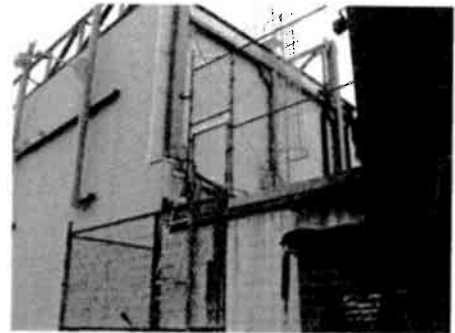
Recyclable Materials

Construction and demolition wastes comprise the largest waste streams in the country. RBA's experience in identifying the opportunities for salvaging and recycling construction materials, and requiring a recycling management plan as part of our demolition specifications, significantly reduces the amount of waste that will go to a landfill resulting in cost savings and reduced environmental impacts.

By identifying the potential for recycling and salvaging associated with each of the building structures, we can objectively assess the feasibility, cost benefit and environmental issues and formulate a demolition waste management plan strategy, providing DPMC with recycling and waste disposal alternatives when deemed appropriate.

Before a successful waste recycling program can be evaluated, formulated and prepared, the nature/composition of the waste and its quantity must be identified.

Although the economic benefits of recycling are highest if waste material can be separated from each other and recycled individually; this requirement is logistically more complex, requiring materials to be separated and stockpiled on site and



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put into multiple containers, which increases the duration of demolition operations. Due to the proposed demolition schedule and nature of the buildings to be demolished (residential structures), commingling of recyclable materials will be proposed. This places all materials into single containers which will be hauled to a processing facility where it will be separated and recycled. This process reduces the duration of demolition operations on site. We will work with DPMC in evaluating the recycling and determine the best approach for this contract based on site constraints, schedule and recycling targets.

Develop Specifications for Proper Removal and Disposal of Hazardous Materials

The NJDEP and DPMC are seeking firms to provide demolition design and construction administration services for the Sandy Blue Acres Acquisition Program and other statewide demolition projects as necessary. The Blue Acres Program is a section of the Green Acres Program that deals with flood-prone properties. Partial or all funding for the purchase of these properties may be made through grant applications to FEMA via the FEMA Hazard Migration Grant Program funds awarded to the Sandy-Blue Acres Program. Additionally, various federal and State funding agencies may also participate in funding or reimbursement such as the U.S. Department of Housing and Urban Development.

Grant funding application administration is not anticipated to be performed by the Consultant, however, the RBA Team is aware of specific agency performance requirements (i.e., FEMA Hazardous Material Property Survey) and will implement them accordingly to achieve a seamless approach in performing environmental investigations.

The RBA Team will review all available information for each property and perform a preliminary site investigation (PSI) to include identification of areas of concerns (AOCs) on each property. AOCs could potentially impact people and the environment. Based upon results of the PSI, site-specific testing may be recommended to include test pit excavations, underground storage tank (UST) ground penetration radar (GPR) investigations, soil and groundwater sampling. The RBA Team's Licensed Site Remediation Professional will oversee all remedial investigations and ensure that anticipated short duration project schedules are met.

If USTs are encountered during the PSI, the UST will be assessed and closed in accordance with NJDEP requirements (i.e., N.J.A.C. 7:26E and N.J.A.C. 7:14B). However, it is understood that USTs are to be remediated by property owners prior to transfer of title.

Above ground storage tanks (ASTs) and water wells identified on properties will be removed and/or closed in accordance with local requirements and N.J.A.C. 7:9D procedures. If site contamination is identified, the RBA Team will confer with Treasury regarding NJDEP remedial requirements (i.e., N.J.A.C. 7:26E and N.J.A.C. 7:26). Bid specifications will be prepared to address all USTs, ASTs, water wells, and site remedial requirements for final NJDEP closure documentation.

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Hazardous Building Material Survey

Environmental Assessment

EC shall work in concert with The RBA Group when conducting an inspection relative to any of the residential properties assigned through the state of New Jersey. EC will perform the testing of all suspect asbestos containing materials (ACM) at the interior and exterior of the facility. This shall also incorporate the review of the facilities for universal waste items (i.e., light ballasts, fluorescent light bulbs, stored chemicals, etc.) which may require removal and disposal in advance of the buildings demolition. Lastly, EC is also prepared to collect one (1) composite sample of the exterior window and door caulks for the determination of Poly Chlorinated Bi-phenyl (PCB) content. However, the State needs to be aware that the standard turn-around-time for such samples is normally two (2) weeks.

EC's inspection team will consist of qualified and experienced individuals that maintain the following credentials to complete the project objectives:

- USEPA Accredited Asbestos Building Inspectors;
- New Jersey Department of Health and Senior Services licensed Lead Inspector/Risk Assessor;
- American Board of Industrial Hygiene, Certified Industrial Hygienist;

At the completion of the assessment activities, EC will generate a report, summarizing the survey activities performed, existing site conditions, a listing of all of the materials tested and their associated quantities. All of the assessment work performed shall be compliant with applicable regulations/guidelines. The report will also include recommendations for the remediation of any materials identified during the course of the assessment work, so as to coincide with the demolition design as well as the design documents prepared by The RBA Group. The report shall include all sampling and analytical data that was necessary, and all appropriate personnel, firm and laboratory accreditations, certifications and licenses. A copy of the survey report shall be submitted to the RBA Group for inclusion with their Schematic Design and/or Design Development submission, with the appropriate number of copies for distribution to all parties.

Hazardous Building Materials

A concise, accurate and detailed Scope of Work will be developed in strict accordance with N.J.A.C. 8:60 and 12:120 (the New Jersey Health and Labor Law, relative to asbestos abatement); USEPA and United States Department of Transportation (USDOT) requirements for the extraction, packaging, disposal/recycling, and transport of hazardous materials, and other applicable OSHA requirements; the New Jersey Public Employee Occupational Safety and Health (PEOSH) Program, including indoor air quality standards associated with construction related work; State of New Jersey, Department of Environmental Protection, (NJDEP) requirements N.J.A.C. 7:26, 7:26A and 7:26G, inclusive of identification, characterization and management of waste; DHSS and DPMC standard operating procedures. EC will incorporate these regulatory requirements/guidelines within the Design Documents to identify specific environmental remediation methods and engineering controls, inclusive of quantities, locations, construction cost estimates and schedules.

DPMC - Demolition Consultant Term Contract TC-008

Project #P1103-00

EC will work in concert with The RBA Group so that environmental remediation activities compliment their design and are completed in compliance with all applicable regulations/guidelines and within specified timeframes. All design work will be completed by a USEPA accredited AHERA/ASHARA Asbestos Project Designer. EC will prepare Technical Specification Sections for inclusion with the Architectural/Engineering Firm of Record Demolition Design Documents including, but not limited to, personal protection equipment, engineering controls, work practices, hygiene facilities and disposal.

The Technical Specification Section(s) will be developed and written in an exacting and concise manner so that it can be readily understood by all Contractors for the purpose of bid preparation. In addition, EC's extensive familiarity with the DPMC will significantly advance the project design and reduce project costs. EC will work closely with The RBA Group and DPMC to provide requested document format and software, such as Auto CAD, Microsoft Word and Microsoft Excel to meet the DPMC's software compatibility requirements, as required. EC possesses the technology to communicate with all project participants electronically. Design documents shall be developed utilizing the Construction Specifications Institute (CSI) "Master Format," that compliments the version requested by DPMC.

The environmental remediation design shall encompass all identified issues reflected in the assessment report, where these environmental concerns will be impacted as a result of the RBA Group's demolition design, and reflected remediation work. EC's project approach will be that of effectively mitigating environmental issues while minimizing any delay for work to be completed by other Trades, while maintaining regulatory compliance and protecting the environment of adjacent properties during the course of the remedial activities. The documents generated by EC shall also consider a cost effective approach while implementing state of the art technologies.

Upon completion of the Technical Specification Sections and, where applicable, Contract Drawings review and subsequent approval by all appropriate parties (i.e., Project A/E Firm of Record, DPMC, DEP, etc.), EC will be present for a pre-bid site inspection with prospective Contractors for the purpose of explaining the aspects of the Technical Specifications in relation to existing site conditions. EC will answer any questions concerning the environmental remediation aspect of the project and will also prepare any and all bulletins and/or addenda required should site conditions or project requirements change.

Permitting Overview

Compliance with all Environmental Statutes and Regulations

It is our understanding that most of the properties to be included in this contract will have already been acquired by the Treasury. Therefore, we expect that any cultural resource studies that may be required will have already been performed. However, if deemed necessary by the State or FEMA, RBA's Cultural Resource Unit (RBA/CRU) will complete cultural resource screenings to determine whether or not there are associated archaeological and/or historic architectural issues requiring further attention. This screening will consist of a Phase IA archaeological survey and a sub-reconnaissance-level historic architectural survey. The Phase IA archaeological survey will yield conclusions as to the archaeological potential of the subject properties and make recommendations as to whether or not Phase IB investigations will be necessary. The sub-reconnaissance-level historic architectural survey will yield conclusions as to the potential significance of the buildings on the subject properties and make recommendations as to whether or not intensive-level historic architectural survey will be necessary.

RBA/CRU will complete any additional work that is found to be required to provide the necessary clearances for proposed demolitions.

Based on our prior experience with demolition projects situated in flood fringe areas and wetland transition areas, the NJDEP typically will not require a Land Use Permit (wetlands or FHA) for work that involves removal of existing impervious coverage and restoration with native vegetation.

Pursuant to N.J.A.C 7:13-7.2 (FHA Permits-by-rule), certain construction and maintenance activities, including the removal of any lawfully existing structure outside a floodway, are allowed via permit-by-rule provided that: the structure is disposed of outside of any regulated area and in accordance with all applicable Federal, State and local laws; all disturbed regulated areas are properly stabilized; no vegetation is cleared, cut or removed in a riparian zone, except for vegetation within 20 feet of the structure if such disturbance is necessary to facilitate its removal; and all vegetated areas temporarily disturbed within the riparian zone are replanted with indigenous, non-invasive species upon completion of the regulated activity. However, under N.J.A.C 7:13-11.19 (Requirements for the removal of existing fill or an existing structure), if the removed fill or structure lies in a floodway, the applicant must demonstrate through a hydraulic analysis that the removal will not adversely impact a property not owned by the applicant, unless it is clear to the Department that the proposed removal poses no threat to offsite properties. Therefore, it will be crucial to accurately identify floodway limits prior to advancing a project. If these scenarios are encountered, RBA will develop the necessary HEC-RAS hydraulic analyses to verify that the removals will not result in adverse offsite flood impacts (more than 0.05' rise in water surface elevation). If elevations increase by 0.1' or more, we will look to incorporate grading (i.e. vegetated berms) to mimic the restriction created by the existing building, such that hardship waivers and flood easements are not required.

Although the removal of existing structures is not specifically identified as a non-regulated activity in wetlands or transition areas, N.J.A.C. 7:7A-2.6 "Regulated activities in transition areas", Subsection (b)1. "Normal property maintenance" indicates that maintenance of artificial features including the repair, rehabilitation, replacement, maintenance or reconstruction of any previously authorized, currently serviceable structure, lawfully existing prior to July 1, 1989, is permitted, provided such activities do not result in additional disturbance of the transition area upon completion of the activity. In addition, based on our prior experience with demolition contracts, the NJDEP typically does not require wetlands permits for the removal of impervious surfaces and replanting with native vegetation. However, each site will be reviewed on a case-by-case basis to determine whether temporary impacts to vegetation will constitute the need for a permit. In particular, removal of retaining walls or other features that will require additional disturbance outside the limits of the buildings may require approval under the Freshwater Wetlands Act.

Although State requirements for work within flood prone areas is generally more stringent than federal requirements, RBA will develop all demolition plans and specifications to conform to all applicable FEMA and NFIP performance standards. The FEMA NFIP guidelines include similar concerns regarding the removal of obstructions and the potential for adverse impacts to downstream properties, and appropriate hydrologic and hydraulic studies must be performed to substantiate compliance with rules. In most cases, the NJDEP Floodplain Management Section will act as the State NFIP Coordinator; however, technical assistance from the Region II FEMA office can be requested, if required.

Many of the projects will involve less than 5000 square feet of disturbance and may not require local conservation district approval. For projects that do exceed this threshold, soil erosion and sediment control plan certification will be obtained. In the case that disturbance exceeds 1 acre, a NJPDES Construction Stormwater General Permit will be obtained from the state as well. Regardless of the impact area, erosion controls will be specified in accordance with "The Standards for Soil Erosion and Sediment Control in New Jersey", latest edition.

Coordination with Federal, State and/or Local Officials

It is understood that coordination with the NJDEP Green Acres/Blue Acres program will be crucial, given their direct connection to the other various NJDEP units that may have involvement with some or all of the assignments. With the relatively short times proposed, it is assumed that many of the permitting issues have already been discussed between the affected State and federal agencies, and potential methods to streamline the permitting and/or reviews have been identified.

RBA is very familiar with the State and federal regulatory requirements and has on-going dealings with most departments at NJDEP, as well as the New York and Philadelphia ACOE Districts. In addition, we have extensive county and municipality experience and are very familiar with local board of health septic abandonment procedures.

Project Outreach Participation

In addition to minimizing environmental impacts and required permits, protection of adjacent properties and structures will be critical. Construction and staging areas will be carefully considered during the development of contract documents, such that public safety and protection of existing properties to remain are a priority. To accomplish these goals, RBA will work with the State to coordinate with affected municipalities in order to develop work hour restrictions and other construction guidelines that may ease any concerns from the residential and commercial constituents. If required and at the request of the State, RBA will address questions from the public or attend public meetings/presentations.

Site Restoration

The RBA Team will prepare plans and details for the site restoration upon demolition of required structures and paved areas.

Critical to the design will be the establishment of a stable site, in accordance with New Jersey Soil Erosion and Sediment Control Standards.

For this project, certification from various Soil Conservation Districts and a NJPDES permit for construction related stormwater discharges may be required. It is assumed that impacts to regulated wetlands or watercourses can be avoided and no permits from the NJDEP Land Use Regulation Program will be required.

Understanding of Demolition Activities

Although the contractor is ultimately responsible for the means and methods to be used to bring the structures down, the equipment necessary to perform the job, the implementation of a safety work plan, as well as a clear understanding by the design professional of the demolition process, is paramount in developing comprehensive documents for bidding this work and developing requisite milestones and work plans.

Demolition Activities

- RBA documents will clearly define project guidelines for demolition activities that require the contractor to perform all required work in accordance with all federal, State and local laws/regulations to provide a safe and secure working environment to protect the health and safety of its employees, subcontractors and inspectors.
- We anticipate that all demolition will be carried out utilizing mechanized means including excavation equipment with concrete breakers, munchers, grapples and other modern hydraulic demolition tools and equipment.
- Install safety fences to protect surrounding structures, pedestrian and vehicular traffic.
- Establish a general sequence of demolition activities.
- Require contractor to hold daily tailgate meetings covering their respective items of work.
- Verification of utility disconnects and isolations.
- Establish hauling routes through the site.
- Establish Action Plan for unforeseen conditions encountered during demolition operations.
- Sizing of scrap materials such as steel, rebar, concrete, stone will be separated and hauled off site and recycled accordingly.
- When appropriate, demolition materials will be crushed and used on site as fill where required.

Pre-Structural

- Perform salvage operations.
- Remove all soft debris and building components that will not be recycled (i.e., drywall, plaster, ceiling tiles, roofing material, etc.).
- Commence the abatement activities.
- Interior demolition.

Structural

- Establish a Controlled Demolition Process – This will typically be a top working down and from one end of the building working towards the other end. This process entails breaking the roof, walls and floors inward and allowing them to fall into the interior footprint of the building. This process allows construction debris to be sized into manageable pieces and hauled off site for recycling or disposal, or crushed and used as on site fill material.
- Most excavating and demolition equipment can reach up to 36 feet which greatly reduces the need for demolition personnel to work at elevated heights and increase the efficiency of the demolition process and allow a more controlled operation.

Dust Control

- Dust control is an important consideration of the project. The use of water trucks and/or fire hoses attached to local hydrants during demolition operations may be required to reduce airborne dust particles.

Pest Control

- In addition to utility company certifications, our documents will require certifications that each of the buildings be properly abated/treated for pest control prior to commencement of demolition operations. The specific requirements will be coordinated with DPMC.

Bidding / Negotiation Phase

The design team will take an active role during the solicitation and subsequent review of bid proposals.

We are very familiar with bidding procedures for demolition contracts, having prepared and participated in numerous bid openings.

Prior to bidding, the RBA Team can assist DPMC in pre-qualifying bidders. Following the distribution of bid documents, we will coordinate a pre-bid meeting with DPMC. We will act as facilitator and key members of the project team will be in attendance to provide an overview of the scope of work and answer any questions. Typically, immediately following this meeting we recommend that a schedule be established for site visit(s) to the project site. We will record and issue minutes of the pre-bid meeting for DPMC and all attendees.

During the bidding period, we will respond to any questions from bidders and prepare addendum/ bulletins as required including bidding procedures or bid date. These will be forwarded to DPMC for distribution to all bidders of record.

The RBA Team will prepare and distribute a bid sheet at the bid opening indicating bidder's name, base bid price, alternate, allowance and unit prices. Upon receipt of all bids, we will prepare a bid tabulation matrix that allows a comprehensive list of the bids from low to high including all alternate, allowance and unit prices.

Once an apparent low bidder has been established, we will contact supplier references and schedule a meeting with the contractor and the DPMC project representative to review the bid including any established alternates, allowances and unit prices and confirm the contractors' ability to meet all required milestones identified in the bid documents.

If requested, we can also provide construction contract agreement services relating to assisting in the final preparation of the construction contract agreement.

Contract Administration Phase / Compliance Monitoring

Overview

The RBA Team's Construction Administration effort is greatly enhanced by the fact that our Project Team will stay with the project throughout the construction phase. This continuity ensures that design

- Open meeting to new business where each participant can discuss current issues or matters requiring action.
- Review and comment on contractor 2-week look ahead schedule and review overall project schedule. Identify any schedule deviations and requirements for acceleration or adjustment.
- Review shop drawing and RFI submittal logs and identify any unresolved or outstanding issues that must be prioritized and resolved.
- Review PCO (pending change order) and CO (change order) logs to discuss any potential change orders and identify if they will affect schedules, as well as the status of approved change orders.
- When appropriate we will also request that the contractor submit a “pencil” copy of their certificate and application for payment for review and discussion prior to submitting their formal application. We will only approve payment for work in place/performed at the time of our review. We will not approve any payments for projected or anticipated work.

Submittals / Shop Drawing Review

While a new construction project may have schedule/delivery issues for long-lead items, the submittals for a demolition project still must be submitted early on. However, they are typically less time critical. One of the most important submittal items will be the Waste Management Plan. This must be developed, submitted and approved by RBA /DPMC prior to the start of any demolition activities.

The Waste Management Plan (if required)

Ultimately the Contractor will be required to prepare a Waste Management Plan for approval by RBA/DPMC based on the requirements of the Demolition Bid Documents. Therefore, it is critical that the documents clearly define the recycling objectives, waste management goals, and requirements for the project. We will schedule a waste management meeting with the Contractor early on so that all stakeholders can participate in developing the plan. A critical component of the plan must include recordkeeping and documentation procedures. It is impossible to put a “Value” on waste reduction and “Recycling” without good documentation.

We will hold on-going recycling meetings as well as post demolition meetings to monitor and evaluate the contractor’s compliance with the goals and objectives of the approved plan.

Other key submittals include but are not limited to:

- Haul Route
- Names and Contract information of Sub-contractors and Proof of Insurance
- Fill materials, including Topsoil, Seeds, and Geotextile
- Certification that all Utilities have been disconnected from structures to be demolished and equipment removal requirements
- Soil Erosion and Sediment Control Permit
- Landscape Materials
- Reports, test results, MSDS Safety sheets

Schedules

Another key contractor submittal is a detailed schedule of construction activities broken down into tasks, subtasks with projected start and finish dates. The RBA Team will review this with the DPMC project manager with respect to logistics and compliance with designated milestone completion dates. The schedule must identify "float" time included in each major task to account for weather related delay and unforeseen conditions, as well as work calendar (five [5] days (M-F) with one shift per day), and identification/consideration of any constraints and restrictions. The float must represent when an activity "can start or finish" and when an activity "must start or finish". The total float incorporated into the schedule includes all activities and will define the amount of time an activity can be delayed without affecting the overall time of project completion. The schedule will be reviewed at each bi-weekly job meeting for conformance with required start/finish dates. If monitoring of the project work schedule reveals inconsistencies or schedule slippage, decisions related to adjustments in course must be made to bring the project back in line.

Monitoring / Reporting

Project Monitoring

EC's project management will be present during the pre-construction meeting, prior to the commencement of the project. This is to ensure that the successful Contractor is in compliance with the project requirements, and has a clear understanding of the Scope of Work and the methods by which the project is to be completed. EC will provide all necessary technical monitoring and project supervision. EC will staff the project with field technical personnel, who are experienced Industrial Hygienists and/or Environmental Specialists, in the monitoring of projects of various size and complexity. As with past demolition activities undertaken by the State of New Jersey in recent history (i.e., Greystone Psychiatric Hospital, Blue Acre Residences in Sayreville, NJ), EC anticipates that the its monitoring work will consist of a set of finals on the last day of remediation for each project or residential site.

Background and perimeter will be analyzed utilizing Phase Contrast Microscopy (PCM) procedures. Transmission Electron Microscopy (TEM) post abatement air sample analyses shall be employed for work area clearance that involves the disturbance of more than 160 square feet/260 linear feet of asbestos containing materials or where deemed necessary by the Department of Labor and Workforce Development. If less than the aforementioned abatement limits, EC will collect finals via PCM methodology. Where required, air samples will be analyzed by a DPMC pre-qualified laboratory, which is also accredited by the American Industrial Hygiene Association (AIHA) and participates in the National Voluntary Laboratory Accreditation Program (NVLAP) program. EC's site personnel will also prepare log notes of the abatement activities to document the work performed.

Final Report

EC will prepare a Final Report outlining the on-site activities of the environmental remediation work as well as results of all samples collected on the project. In addition, the report will contain copies of pertinent project data, licenses and submittals collected during the course of the work. Included in this report will be a discussion of the Scope of Work, a review of industry and analytical standards, copies of the daily work logs, air sample results, inspection logs and other pertinent project documentation.

In-House Quality Assurance/Quality Control (QA/QC)

All documents prepared by EC will undergo an in-house QA/QC review by an American Board of Industrial Hygiene (ABIH), Certified Industrial Hygienist (CIH). The QA/QC review is part of EC's Standard Operating Procedure (SOP) to ensure the Client receives documents that are concise, accurate and compliant with all applicable regulations. Analytical data prepared by any third party laboratories utilized for this project shall also be subject to an in-house QA/QC review for discrepancies and/or inaccuracies that could potentially be reported by the laboratory.

Although the demolition contractors will be responsible for sealing existing wells, where applicable, RBA will track work performed by the well drillers and confirm that the necessary well decommissioning reports have been submitted to the state and copied to local boards and commissions. We will also inspect abandoned subsurface sewage disposal system components to verify that all structures have been removed at least three feet below grade and that the bottoms of any remaining structures are properly fractured/cut open to permit proper drainage. Notification letters can then be forwarded to local health departments and boards. Abandonment of any below ground swimming pools will follow a similar procedure.

Project Closeout

Project closeout services will be initiated on receipt of the contractor's notice that the project is substantially complete. This will include a detailed inspection with DPMC representative(s) of the project for conformity to the contract documents; review of the contractor's list of items to be completed or corrected; assistance in the determination of the partial contract sum(s) to be retained until final completion is secured; receipt of consent by the surety, if any, on the performance and payment bonds to all payments; and issuance of a certificate of substantial completion. Our services will include detailed follow-up observations and comparison of the work with the contractor's list(s); and conveyance to the contractor of the nature of any discrepancies found; and final inspection of the work with the DPMC representative and contractor to ascertain whether corrections have been made.

The RBA Team will clearly document all the required closeout documentation and procedures the contractor is responsible for in the Technical Specifications. We will review all submitted documentation for conformance with these requirements, and advise the contractor of any missing and/or incomplete items. Following our receipt from the contractor of any missing items, we will transmit a complete package of closeout documents to the DPMC project manager for final review and certification of final contract acceptance.

Management Approach

Our management approach is exemplified by the commitment of our staff in responding to your needs; in the communication that provides both clear direction and quick response, and in the relationship we develop with our clients to achieve the goals and objectives on each project. Our approach begins with assigning key personnel with recent and relevant experience, and committing these individuals throughout all project phases for the duration of the contract. A key requirement for successful management is a planning, implementation and monitoring process that ensures satisfactory delivery of tasks on time, within budget. Necessary elements of this process include a detailed understanding of the specific project requirements, flexible procedures for allocating staff and management resources, and a proven quality assurance plan.

An efficient Project Approach and Management Plan are essential for the successful execution of this multi-year demolition and site restoration term contract. We see several critical issues associated with the successful management of this contract. First and foremost is the **ability to be responsive**, often in severely compressed time frames. At RBA, we pride ourselves on our ability to provide client service under the most difficult time constraints. We value a service-oriented delivery of quality products.

The **quality of work** is of paramount importance in each assignment we undertake. RBA recognizes that each person working on the project is responsible for providing a quality product to the State. We also recognize that the quality of our work, as well as the service we provide, are key elements in measuring a project's success. Our ongoing goal is to develop attitudes and systems, at all levels of our organization, through an implementation of policies and procedures that integrate all employees into this quality process.

RBA maintains a corporate-level quality assurance program that directs attention toward quality issues throughout our organization and we have made a commitment to our customers and employees to adhere to it in the performance of all of our work, including work performed by our subconsultants. For this project, we have assigned two designated QA/QC Managers. **Horace Walker, AIA, LEED** will provide QA/QC services related to buildings, site restoration and utilities. **James Brazel** will be responsible for QA/QC services related to environmental assessments and site remediation. Throughout the development of our documents, our QA/QC Managers will periodically perform technical reviews to make sure issues are addressed and resolved early in the development process.

Another key issue is **cost control**, which is important to any client. We have developed processes to confirm cost from programming through construction. We also examine alternatives through value engineering and the development of documents so that the project stays within budget and your goals and objectives are met.

Finally, **quality personnel** is the difference between great project success and mediocre success. For this assignment we have assembled an interdisciplinary project team that provides expertise in all disciplines required by the scope of work, and are dedicating a highly qualified and experienced core management and technical design team, which all have experience on similar demolition, environmental and site restoration projects including the Greystone Park Psychiatric Hospital Demolition and Site Restoration Project for DPMC.

RBA's Demolition and Removal Plan, including Site Restoration, will be developed in accordance with DPMC A/E Standards, and all applicable federal, State and local regulations including FEMA and HUD, and will provide a detailed description of Demolition and Removal Requirements and Procedures for each work order we are assigned.

Project Organization and Staffing

The RBA Group has the experience and the capability to provide the support required to address issues quickly, competently and cost effectively, as they arise. Further, RBA's integrated team approach to problem solving offers a staff of professionals that are both expert in their chosen field and knowledgeable of the other related disciplines that are a part of every project. Our Project Manager and QA/QC Manager are key positions in the management structure. Their responsibilities are summarized below.

Principal-in-Charge/Project Manager- Responsibilities Include:

- Overall guidance control of staff in all tasks.
- Contact with DPMC on all contractual matters.
- Participates in all formal presentations to DPMC.
- Participates in all key team meetings.
- Assigns staff to the project.

Quality Control/Quality Assurance Manager- Responsibilities Include:

- Implementation of the QC Plan.
- Regular Quality Control Reviews.
- Formal Quality Control Reviews.
- Quality Assurance Audit.
- Reports to Principal-in-Charge/Project Manager.

Management of Sub-consultants

An important aspect of our Management Plan is the assignment of suitable roles to our subconsultants to maximize efficiencies and best utilize their expertise. For this project, we have created a small, manageable and resourceful team, with each firm bringing specialties and experiences that provide value and efficiency. In addition, RBA and each of these firms provide a versatility that will enable us to adjust staffing as needed and address unforeseen circumstances as they arise. In addition, each subconsultant is bound to the conditions of the DPMC contract with RBA. Our long term relationships with each of these firms provides the DPMC with an integrated team focused on the project issues.

Team Communication

Frequent communications, on-going monitoring and quality control are essential to the effective management of the multiple tasks required for this contract.

Our Project Manager will establish and provide oversight of both formal and informal communication systems to achieve comprehensive project delivery. We have found that having a single point of contact expedites the conveyance of information with clarity and in a timely manner. Our Task Manager will use telephone/facsimile, email, project specific website, and FTP for the transfer of larger data files to communicate with our sub-consultants. We have utilized these methods of communication successfully in the past on numerous multi-discipline contracts. These methods of communication keep team members and clients informed as projects progress.

Weekly In-house Schedule and Assignment Meeting

RBA management conducts weekly meetings with our staff for purposes of reviewing schedules/ milestones, assign staff to new assignments, and discuss and resolve any potential conflicts. This process fosters on-schedule production and availing the required expertise when and where needed.

Building Relationships/Continuity of Staff

On all projects, relationships are built between client representatives and RBA's assigned staff that are founded on the core principles of *trust*, *competence*, and *commitment*. For this reason, RBA designates a Firm Principal who serves in this instance as the Project Manager. This principal will provide the DPMC a single point of contact, and will be committed throughout the life of this contract. RBA believes that an

integrated team approach is essential to efficiently produce consistent high quality projects. By maintaining the continuity of the personnel assigned to this contract, policies and procedures are clearly understood and followed, and projects are produced in a consistent and efficient manner.

Computer Resources

The RBA Group has state-of-the-art computer equipment, which supports virtually all of our clients' needs. Our staff is proficient in various CADD systems including CADD software such as AutoCADD, REVIT, Bentley Select CAD Suite, MicroStation, and GIS to design and generate architectural documents, schematic design documents, construction documents, and shop drawings.

The RBA Group also utilizes several Geographic Information System (GIS) packages. In particular ArcInfo 8, ArcView 3.2, and MapInfo. AutoCADD, MicroStation, and Microsoft Excel are software systems that are often used in conjunction with these GIS software packages. With these systems, The RBA Group creates mapping for various engineering, environmental, and planning efforts. The RBA Group also creates turnkey Geographic Information Systems that allow clients to organize and manage their spatial data.

We operate in a networked environment and maintain current government design standards and details within our database. RBA uses the most up-to-date, sophisticated programs for word processing and preparation of construction specifications. Our entire team is linked electronically, providing us with the ability to communicate efficiently through the use of e-mail, internet access, and file transfer of drawing and data files.

Weekend / Emergency Work

Our staff is fully committed to this contract. We are service orientated and are able to adjust our schedule to meet emergency process requirements. Several of our clients have required that work be performed after hours or on weekends to avoid disruption to existing ongoing operations, and/or to meet critical milestones. Our Project Team, including our designated Principal-in-Charge, Project Manager, Mr. James Brighton, AIA, LEED AP are electronically connected to the office via email and mobile cellular phones which will make our availability virtually 24/7.

Availability of Staff

RBA is fully capable of staffing this contract with experienced in-house personnel and reliable sub-consultant resources at the levels and disciplines necessary. We have more than adequate capacity in staff and support resources to rapidly mobilize an experienced team dedicated to this contract.

Knowledge of DPMC Policies and Procedures

Throughout our 45 year history, RBA and its key subconsultants have successfully managed numerous projects for the NJ Department of Treasury, Division of Property Management and Construction. We have an in-depth knowledge of the policies and procedures that are currently in place, and clearly understand our consultant responsibilities. RBA has maintained an unlimited rating for several disciplines including architecture with the DPMC and our management team has experience with standard consultant agreements, general conditions as well as the DPMC procedures for A/E services. Our deliverables, including drawings, specifications, estimates and reports, will be prepared in accordance with these

procedures. The DPMC is familiar with many of our team members, and our subconsultants consistently receive excellent rating for their projects.

Project Review and Compliance Experience

Compliance is a routine part of all of our architectural and engineering practice, especially those that center around public integration and engagement. The RBA Team has successfully guided many high-profile projects through the compliance process to confirm that all building safety codes, accessibility requirements, and regulatory standards are met. The team has extensive experience with the Code Enforcement Unit of DCA, the New Jersey Department of Environmental Protection, and the DPMC plan review team.

QUALITY ASSURANCE/QUALITY CONTROL

When a project is awarded, RBA assigns personnel based on the expertise required for the project. In this case, key personnel have already been assigned to this particular assignment. These team members are supervised and guided by their respective project managers and task leaders. RBA also assigns upper level personnel to lead the QA/QC efforts. Horace Walker, AIA, LEED AP, will be in charge of QA/QC for the architectural/demolition and site restoration elements. Mr. Brazel will manage the QA/QC efforts pertaining to the site environmental efforts.

The Quality Assurance and Quality Control (QA/QC) Plan is a system of checks and balances to ensure that we consistently provide high quality services to our clients. This system comprises two key components, Quality Control and Quality Assurance.

Quality Control (QC) is the process of checking and reviewing design related activities for a given project, both on a daily basis and prior to key hold points.

Quality Assurance is the process of auditing the project to ensure that QC has been performed in accordance with the Company's QC Plan.

The QA/QC Plan requires the participation of the Project Manager and the respective Task Leaders in each discipline, from the conceptualization process to the preparation and review of the final contract documents. The participation of these key personnel is critical for the successful execution of every project.

In-House Quality Assurance/Quality Control (QA/QC)

In addition to RBA's QA/QC program, each subconsultant will implement its own QA/QC measures. Moreover, all environmental documents prepared by the RBA Team will undergo a QA/QC review by a Certified Industrial Hygienist (CIH) or a Certified Hazardous Materials Manager (CHMM). The QA/QC review is part of the RBA Team Standard Operating Procedure (SOP) striving to ensure the Client receives documents that are concise, accurate and regulatory compliant. Analytical data prepared by any third party laboratories utilized for this project shall also be subject to an in-house QA/QC review for discrepancies and/or inaccuracies that could potentially be reported by the laboratory.

RBA's inspection team will consist of qualified and experienced individuals that maintain the following credentials to complete project objectives:

- United States Environmental Protection Agency (USEPA) accredited Asbestos Hazard Emergency Response Act (AHERA)/Asbestos School Hazard Abatement Reauthorization Act (ASHARA) Asbestos Building Inspectors and RBA Designers;
- American Board of Industrial Hygiene, Certified Industrial Hygienist;
- Institute of Hazardous Materials Management (IHMM), Certified Hazardous Materials Manager;
- American Council for Accredited Certification, Certified Microbial Consultant;
- Individuals that have been trained under OSHA's Hazardous Waste Operations and Emergency Responder (HAZWOPER) requirements;
- Experienced environmental specialists.

Control of Schedule

We understand the importance of producing projects on time. We understand the importance of getting bid packages ready so contracts can be awarded in sufficient time to meet client milestones and allow for long lead items to be delivered to the site when needed.

It is our experience that communication between our clients and the consultant team is paramount. We encourage and anticipate that communication will occur throughout the project with on-board reviews. With on board reviews, client reviews at the end of each phase are generally quicker as familiarity with the project development will have existed through regular updates and on-board reviews.

One of the key issues during the development of the contract drawings and specifications is to identify, design, and specify systems that are flexible and simple that do not impose any long-lead delivery issues or involve any complicated construction methods.

The design teams thorough representation and accommodation of existing conditions at the design phase will reduce potential delays and change orders due to unforeseen conditions during construction.

Why RBA?

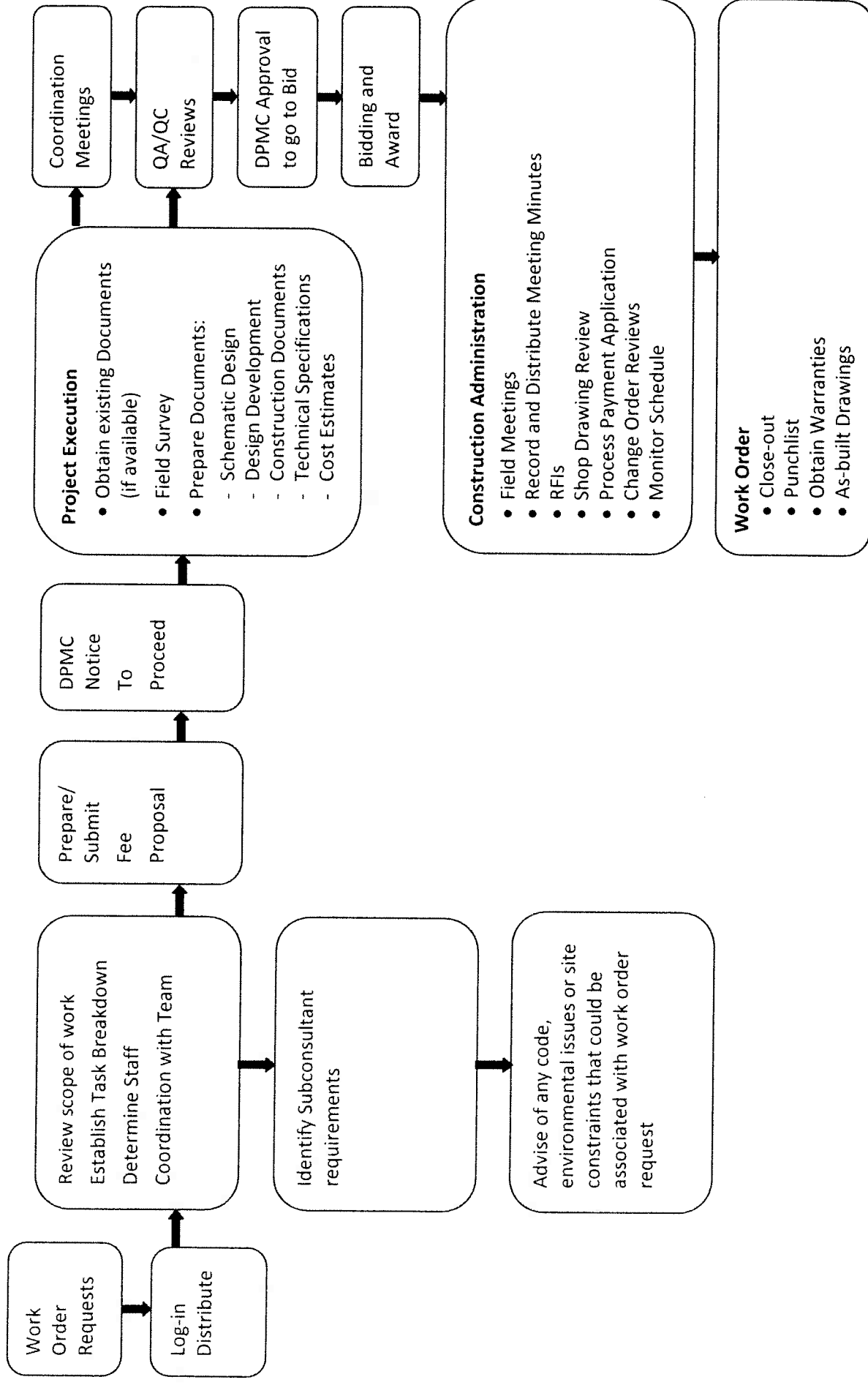
Advantages of RBA:

- Principal dedicated as Project Manager with significant architectural and demolition experience.
- Continuity of staff from inception through construction administration/close-out.
- Extensive experience of project team on demolition, site restoration, and site remedial/hazardous contracts.
- Understanding of the importance of the project delivery process.
- Depth of firm resources.

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Project #P1103-00

Project Approach - Typical Work Order Flow Diagram





STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION

NOTICE OF CONSULTANT PREQUALIFICATION

FIRM: THE RBA GROUP
ADDRESS: 7 CAMPUS DRIVE, SUITE 300
PARSIPPANY, NJ 07054

☐ INITIAL ☒ REVISED ☐ RENEWAL

DATE OF ISSUE: MARCH 26, 2013
EXPIRATION DATE: FEBRUARY 15, 2015
FEDERAL ID NUMBER: 221 854 980

☐ MBE ☐ WBE ☐ SBE

The Experience Questionnaire (FORM 48A), submitted by your firm, has been reviewed. As a result of this review, your firm may be invited to submit proposals for projects involving the checked discipline(s) having a not to exceed Construction Cost Estimate (CCE) as noted. For the purposes of this form, NA = no fixed amount.

<input checked="" type="checkbox"/> ARCHITECTURE	UNLIMITED	<input checked="" type="checkbox"/> ROOFING CONSULTANT	20 MILLION
<input type="checkbox"/> ELECTRICAL ENGINEERING		<input type="checkbox"/> ACOUSTICS	
<input type="checkbox"/> HVAC ENGINEERING		<input type="checkbox"/> ASBESTOS DESIGN	
<input type="checkbox"/> PLUMBING ENGINEERING		<input type="checkbox"/> ASBESTOS SAFETY MONITORING	
<input checked="" type="checkbox"/> CIVIL ENGINEERING	UNLIMITED	<input type="checkbox"/> CLAIMS ANALYSIS	
<input checked="" type="checkbox"/> SANITARY ENGINEERING	20 MILLION	<input type="checkbox"/> TELECOMMUNICATIONS	
<input checked="" type="checkbox"/> STRUCTURAL ENGINEERING	UNLIMITED	<input type="checkbox"/> EXHIBIT/INTERPRETATIVE DESIGN	
<input type="checkbox"/> MECH. ENG. (ELEV., CONVEYORS, ETC.)		<input checked="" type="checkbox"/> FEASIBILITY PLANNING	20 MILLION
<input type="checkbox"/> SOILS ENGINEERING		<input type="checkbox"/> FIRE DETECTION SYSTEMS	
<input type="checkbox"/> FIRE PROTECTION ENGINEERING		<input type="checkbox"/> FIRE PROTECTION SYSTEMS	
<input checked="" type="checkbox"/> ENVIRONMENTAL ENGINEERING	UNLIMITED	<input type="checkbox"/> FOOD SERVICE	
<input type="checkbox"/> MARINE ENGINEERING		<input checked="" type="checkbox"/> HYDRAULICS/PNEUMATICS	15 MILLION
<input type="checkbox"/> LANDSCAPE DESIGN		<input checked="" type="checkbox"/> HYDROLOGY	NA
<input checked="" type="checkbox"/> PLANNING	UNLIMITED	<input type="checkbox"/> SECURITY SYSTEMS	
<input checked="" type="checkbox"/> LAND SURVEYING	NA	<input checked="" type="checkbox"/> SITE PLANNING	UNLIMITED
<input type="checkbox"/> AERIAL SURVEYING		<input checked="" type="checkbox"/> HISTORIC PRESERVATION CONSULTANT	NA
<input type="checkbox"/> HYDROGRAPHIC SURVEYING		<input type="checkbox"/> ENERGY AUDITING	
<input checked="" type="checkbox"/> FIRE & LIFE SAFETY RENOVATIONS	20 MILLION	<input checked="" type="checkbox"/> TRAFFIC	NA
<input type="checkbox"/> BUILDING COMMISSIONING		<input checked="" type="checkbox"/> TRANSPORTATION	UNLIMITED
<input type="checkbox"/> BOILER/STEAM LINES/HIGH PRESSURE SYS.		<input checked="" type="checkbox"/> WASTE/WATER TREATMENT	20 MILLION
<input checked="" type="checkbox"/> DAM/LEEVE DESIGN	\$350,000	<input type="checkbox"/> ENERGY MANAGEMENT CONTROL SYSTEM	
<input checked="" type="checkbox"/> BARRIER FREE/ADA DESIGN	UNLIMITED	<input type="checkbox"/> RENEWABLE ENERGY CONSULTANT	
<input checked="" type="checkbox"/> ESTIMATING/COST ANALYSIS	NA	<input checked="" type="checkbox"/> CONSTRUCTION FIELD INSPECTION	UNLIMITED
<input checked="" type="checkbox"/> INTERIOR DESIGN/SPACE PLANNING	UNLIMITED	<input type="checkbox"/> PROJECT MANAGEMENT	
<input checked="" type="checkbox"/> ROOFING INSPECTION	15 MILLION	<input checked="" type="checkbox"/> ENVIRONMENTAL CONSULTANT	NA
<input type="checkbox"/> CONSTRUCTION MANAGEMENT		<input checked="" type="checkbox"/> STORAGE TANK REMOVAL	NA
<input type="checkbox"/> CPM		<input type="checkbox"/> STORAGE TANK INSTALLATION	
<input checked="" type="checkbox"/> ARCHAEOLOGY	NA	<input type="checkbox"/> PERIMETER SECURITY FENCING	
<input checked="" type="checkbox"/> GEOLOGY	NA	<input type="checkbox"/> INDOOR AIR QUALITY TESTING	
<input checked="" type="checkbox"/> VALUE ENGINEERING	NA	<input type="checkbox"/> LANDFILL CLOSURE	
<input type="checkbox"/> HISTORIC PRESERVATION/RESTORATION		<input type="checkbox"/> LEAD PAINT EVALUATION	

PREPARED BY:

Bobbie Schott
BOBBIE SCHOTT
MANAGER, PREQUALIFICATION UNIT

APPROVED BY:

Richard S. Flodman
RICHARD S. FLODMAN
DEPUTY DIRECTOR

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS. PLEASE RETAIN THIS FORM FOR YOUR RECORDS.



STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION

NOTICE OF CONSULTANT PREQUALIFICATION

FIRM: ENVIRONMENTAL CONNECTION, INC.
ADDRESS: 120 NORTH WARREN STREET
TRENTON, NJ 08608

☐ INITIAL ☐ REVISED ☒ RENEWAL

DATE OF ISSUE: JUNE 4, 2012
EXPIRATION DATE: MAY 31, 2014
FEDERAL ID NUMBER: 222 460 733

☐ MBE ☐ WBE ☒ SBE

The Experience Questionnaire (FORM 48A), submitted by your firm, has been reviewed. As a result of this review, your firm may be invited to submit proposals for projects involving the checked discipline(s) having a not to exceed Construction Cost Estimate (CCE) as noted. For the purposes of this form, NA = no fixed amount.

<input type="checkbox"/> ARCHITECTURE	_____	<input type="checkbox"/> ROOFING CONSULTANT	_____
<input type="checkbox"/> ELECTRICAL ENGINEERING	_____	<input type="checkbox"/> ACOUSTICS	_____
<input type="checkbox"/> HVAC ENGINEERING	_____	<input checked="" type="checkbox"/> ASBESTOS DESIGN	NA
<input type="checkbox"/> PLUMBING ENGINEERING	_____	<input checked="" type="checkbox"/> ASBESTOS SAFETY MONITORING	NA
<input type="checkbox"/> CIVIL ENGINEERING	_____	<input type="checkbox"/> CLAIMS ANALYSIS	_____
<input type="checkbox"/> SANITARY ENGINEERING	_____	<input type="checkbox"/> TELECOMMUNICATIONS	_____
<input type="checkbox"/> STRUCTURAL ENGINEERING	_____	<input type="checkbox"/> EXHIBIT/INTERPRETATIVE DESIGN	_____
<input type="checkbox"/> MECH. ENG. (ELEV., CONVEYORS, ETC.)	_____	<input type="checkbox"/> FEASIBILITY PLANNING	_____
<input type="checkbox"/> SOILS ENGINEERING	_____	<input type="checkbox"/> FIRE DETECTION SYSTEMS	_____
<input type="checkbox"/> FIRE PROTECTION ENGINEERING	_____	<input type="checkbox"/> FIRE PROTECTION SYSTEMS	_____
<input type="checkbox"/> ENVIRONMENTAL ENGINEERING	_____	<input type="checkbox"/> FOOD SERVICE	_____
<input type="checkbox"/> MARINE ENGINEERING	_____	<input type="checkbox"/> HYDRAULICS/PNEUMATICS	_____
<input type="checkbox"/> LANDSCAPE DESIGN	_____	<input type="checkbox"/> HYDROLOGY	_____
<input type="checkbox"/> PLANNING	_____	<input type="checkbox"/> SECURITY SYSTEMS	_____
<input type="checkbox"/> LAND SURVEYING	_____	<input type="checkbox"/> SITE PLANNING	_____
<input type="checkbox"/> AERIAL SURVEYING	_____	<input type="checkbox"/> HISTORIC PRESERVATION CONSULTANT	_____
<input type="checkbox"/> HYDROGRAPHIC SURVEYING	_____	<input type="checkbox"/> ENERGY AUDITING	_____
<input type="checkbox"/> FIRE & LIFE SAFETY RENOVATIONS	_____	<input type="checkbox"/> TRAFFIC	_____
<input type="checkbox"/> BUILDING COMMISSIONING	_____	<input type="checkbox"/> TRANSPORTATION	_____
<input type="checkbox"/> BOILER/STEAM LINES/HIGH PRESSURE SYS.	_____	<input type="checkbox"/> WASTE/WATER TREATMENT	_____
<input type="checkbox"/> DAM/LEVEE DESIGN	_____	<input type="checkbox"/> ENERGY MANAGEMENT CONTROL SYSTEM	_____
<input type="checkbox"/> BARRIER FREE/ADA DESIGN	_____	<input type="checkbox"/> RENEWAL ENERGY CONSULTANT	_____
<input checked="" type="checkbox"/> ESTIMATING/COST ANALYSIS	NA	<input type="checkbox"/> CONSTRUCTION FIELD INSPECTION	_____
<input type="checkbox"/> INTERIOR DESIGN/SPACE PLANNING	_____	<input checked="" type="checkbox"/> PROJECT MANAGEMENT	\$500,000
<input type="checkbox"/> ROOFING INSPECTION	_____	<input checked="" type="checkbox"/> ENVIRONMENTAL CONSULTANT	NA
<input type="checkbox"/> CONSTRUCTION MANAGEMENT	_____	<input type="checkbox"/> STORAGE TANK REMOVAL	_____
<input type="checkbox"/> CPM	_____	<input type="checkbox"/> STORAGE TANK INSTALLATION	_____
<input type="checkbox"/> ARCHAEOLOGY	_____	<input type="checkbox"/> PERIMETER SECURITY FENCING	_____
<input type="checkbox"/> GEOLOGY	_____	<input checked="" type="checkbox"/> INDOOR AIR QUALITY TESTING	NA
<input type="checkbox"/> VALUE ENGINEERING	_____	<input type="checkbox"/> LANDFILL CLOSURE	_____
<input type="checkbox"/> HISTORIC PRESERVATION/RESTORATION	_____	<input checked="" type="checkbox"/> LEAD PAINT EVALUATION	NA

PREPARED BY:

Bobbie Schott
BOBBIE SCHOTT
MANAGER, PREQUALIFICATION UNIT

APPROVED BY:

Richard S. Flodman
RICHARD S. FLODMAN
DEPUTY DIRECTOR

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PLEASE RETAIN THIS FORM FOR YOUR RECORDS.

**TC-008 TERM CONTRACT RATE SCHEDULE
BY PERSONNEL LEVEL**

NAME OF FIRM: The RBA Group

INSTRUCTIONS

Provide a **LOADED** hourly rate (\$ per hour; no cents please) below for all **Personnel** included in each of the **Levels** listed. Please refer to the RFP for a description of each of the personnel types by level. Your proposal may be considered unresponsive if you leave blanks.

PERSONNEL TYPE/DISCIPLINE	TERM CONTRACT HOURLY RATES PER CONTRACT PERIOD		
	BASE (3 YEARS)	EXTENSION OPTION – YR 4	EXTENSION OPTION – YR 5
LEVEL 7	\$ 190.00	\$ 210.00	\$ 215.00
LEVEL 6	\$ 190.00	\$ 210.00	\$ 215.00
LEVEL 5	\$ 175.00	\$ 195.00	\$ 200.00
LEVEL 4	\$ 125.00	\$ 140.00	\$ 145.00
LEVEL 3	\$ 100.00	\$ 110.00	\$ 115.00
LEVEL 2	\$ 100.00	\$ 110.00	\$ 115.00
LEVEL 1	\$ 80.00	\$ 90.00	\$ 95.00
AVERAGE RATE (ALL LEVELS) Please calculate for Levels 7 -1	\$ 137.00	\$ 152.00	\$ 157.00

RETURN THIS COMPLETED DOCUMENT TO DPMC

(PAGE 2 OF 3)

Authorized Signature: _____

James Brighton, AIA, LEED AP

TERM CONTRACT TC-008

DATE: 11/13

**TC-008 TERM CONTRACT RATE SCHEDULE
BY PERSONNEL LEVEL**

NAME OF FIRM: Environmental Connection, Inc.

INSTRUCTIONS


Provide a **LOADED** hourly rate (\$ per hour; no cents please) below for all **Personnel** included in each of the **Levels** listed. Please refer to the RFP for a description of each of the personnel types by level. Your proposal may be considered unresponsive if you leave blanks.

PERSONNEL TYPE/DISCIPLINE	TERM CONTRACT HOURLY RATES PER CONTRACT PERIOD		
	BASE (3 YEARS)	EXTENSION OPTION – YR 4	EXTENSION OPTION – YR 5
LEVEL 7	\$ 190.00	\$ 200.00	\$ 200.00
LEVEL 6	\$ 150.00	\$ 160.00	\$ 160.00
LEVEL 5	\$ 90.00	\$ 100.00	\$ 100.00
LEVEL 4	\$ 70.00	\$ 80.00	\$ 80.00
LEVEL 3	\$ 65.00	\$ 75.00	\$ 75.00
LEVEL 2	\$ 55.00	\$ 65.00	\$ 65.00
LEVEL 1	\$ 45.00	\$ 55.00	\$ 55.00
AVERAGE RATE (ALL LEVELS) Please calculate for Levels 7 -1	\$ 95.00	\$ 105.00	\$ 105.00

RETURN THIS COMPLETED DOCUMENT TO DPMC

(PAGE 2 OF 3)

Authorized Signature: _____



TERM CONTRACT TC-008
DATE: 11/13

TC-008 PERSONNEL LEVELS with EXAMPLES

LEVEL 7

Title: Principal, partner or officer of the firm
Duties: Overall responsibility for the legal, technical and financial obligation of the firm.

Qualifications: Current License in applicable discipline, if required by law.
Experience: N/A

LEVEL 6

Title: Project Executive;
Duties: Under direct leadership of principal, controls project scheduling and management.

Qualifications: Current license in applicable discipline, if required by law.
Experience: N/A

LEVEL 5

Title: Project Manager; Discipline Manager;
Duties: Under direction of Project Executive, directs day-to-day operations of the project, scheduling deadlines, group work activities, etc.

Qualifications: BA, BS degree or equivalent experience; Current license in applicable discipline, if required by law.
Experience: Minimum 7 years.

LEVEL 4

Title: Senior Engineer; Senior Designer;
Duties: Under supervision of Project Manager, reviews project elements to conform to project requirements, directs designer and others on projects.

Qualifications: BA, BS degree or equivalent experience; Current license in applicable discipline, if required by law.

Experience: Minimum 5 years

LEVEL 3

Title: Discipline Engineer; Designer;
Duties: Under supervision performs basic engineering tasks, analysis or elements of project scope; Takes designed systems and layout data and sketches and translates into usable construction documents.

Qualifications: BA, BS degree or equivalent experience; including appropriate licenses and certifications if required.
Experience: Minimum 3 years

LEVEL 2

Title: Senior Technical Support; Senior CADD Operator/Draftsperson;
Duties: Oversees of the preparation of site maps, Takes simple systems and layout data and sketches and translates into usable information; Performs drafting as required for construction documents.

Qualifications: High School Graduate, Technical School, or equivalent, with courses in discipline.
Experience: Minimum 3 years direct work experience within discipline.

LEVEL 1

Title: Computer or CADD Draftsperson; Technician; Office Assistant
Duties: Performs all entry level tasks: Assembles tracings for review, printing; keeps logs of tracings, shop drawings; performs tracing, drafting and other technical tasks; performs various office functions.

Qualifications: High School Graduate, Technical School or equivalent with courses in discipline.
Experience: N/A

(PAGE 3 OF 3)

TC - 008
DEMOLITION CONSULTANT
MULTIPLE AWARD TERM CONTRACT

CONSULTANT AFFIDAVIT

IMPORTANT - PLEASE READ, SIGN AND PROVIDE INFORMATION REQUESTED BELOW

Affidavit: I, being duly sworn upon my oath, hereby represent and state the foregoing information contained in the Term contract Proposal and any attachments thereto to the best of my knowledge are true and complete. I acknowledge that the State of New Jersey (Owner) is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the Owner, or its contractors, to notify the Owner in writing of any changes to the answers or information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with the Owner and that the Owner, at its option, may declare any contract(s) or sub-contract(s) resulting from this certification void and unenforceable.

Signature of the Consultant below attests that the Consultant has read, understands and agrees to all terms, conditions and specifications set forth and referenced in the TC - 008 Term Contract Request for Proposal (RFP) including the General Conditions to the Demolition Consultant Term Contract TC-008. Signature of the Consultant signifies that a contract is established immediately upon notice of award by the State of New Jersey for any or all of the items and the length of time indicated in the proposal. Failure to accept a contract award, to hold prices or to meet any other terms or conditions as defined in the Request for Proposal and subsequently the Notice of Award, during the term of the contract, shall constitute a breach of contract and may result in termination, suspension or debarment from further contractual agreements with the Owner.

Signature and Title of Principle or Individual of the firm authorized to sign contractual documents:

Firm Name:

Signature: _____

Print Name: James Brighton, AIA LEED AP

Title: Vice President

Date: January 8, 2014

ATTESTED: Sworn and subscribed to before me on the 8th day of January 2014, 1998.

Signature: _____

(Notary Public-Not an Officer of the Firm)

LISA M. HENDELMAN
NOTARY PUBLIC OF NEW JERSEY
I.D. # 2426894
My Commission Expires 11/9/2017

RETURN THIS COMPLETED DOCUMENT TO DPMC

(PAGE 1 OF 3)

TERM CONTRACT TC-008
DATE: 11/13

TC - 008
DEMOLITION CONSULTANT
MULTIPLE AWARD TERM CONTRACT

CONSULTANT AFFIDAVIT

IMPORTANT - PLEASE READ, SIGN AND PROVIDE INFORMATION REQUESTED BELOW

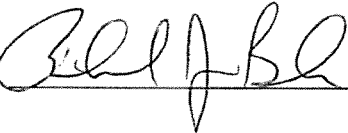
Affidavit: I, being duly sworn upon my oath, hereby represent and state the foregoing information contained in the Term contract Proposal and any attachments thereto the best of my knowledge are true and complete. I acknowledge that the State of New Jersey (Owner) is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the Owner, or its contractors, to notify the Owner in writing of any changes to the answers or information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreements(s) with the Owner and that the Owner, at its option, may declare any contract(s) or sub-contract(s) resulting from this certification void and unenforceable.

Signature of the Consultant below attests that the Consultant has read, understands and agrees to all terms, conditions and specifications set forth and referenced in the TC - 008 Term Contract Request for Proposal (RFP) including the General Conditions to the Demolition Consultant Term Contract TC-008. Signature of the Consultant signifies that a contract is established immediately upon notice of award by the State of New Jersey for any or all of the items and the length of time indicated in the proposal. Failure to accept a contract award, to hold prices or to meet any other terms or conditions as defined in the Request for Proposal and subsequently the Notice of Award, during the term of the contract, shall constitute a breach of contract and may result in termination, suspension or debarment from further contractual agreements with the Owner.

Signature and Title of Principle or Individual of the firm authorized to sign contractual documents:

Firm Name: Environmental Connection, Inc.

Signature



Print Name: Richard J. Beach

Title: Vice President

Date: December 30, 2013

ATTESTED: Sworn and subscribed to before me on the 30th day of December, ~~1998~~ 2013.

Signature:


(Notary Public-Not an Officer of the Firm)

DOLORES B. ROONEY
A Notary Public Of New Jersey
My Commission Expires 3/3/2018

RETURN THIS COMPLETED DOCUMENT TO DPMC

(PAGE 1 OF 3)

TERM CONTRACT TC-008
DATE: 11/13