



Demolition Consultant Multiple Award Term Contract (TC-004)

Project #: P1194-00

03.12.19

SUBMITTED BY:

Dewberry Engineers Inc.
600 Parsippany Road, Suite 301
Parsippany, NJ 07054

SUBMITTED TO:

Department of Treasury, Division of Property
Management Construction
Attn: Catherine Douglass
33 West State Street, 9th Floor
Trenton, NJ 08608

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March 12, 2019

Department of Treasury, Division of Property Management Construction
Attn: Catherine Douglass
33 West State Street, 9th Floor
Trenton, NJ 08608

RE: Demolition Consultant Multiple Award Term Contract (TC-004)

Dear Selection Committee:

At Dewberry, we look forward to providing continued support to the Sandy Blue Acres Program. In order for the program to be successful, the Division of Property Management and Construction (DPMC) is required to coordinate design and construction for demolition in an orderly fashion, with attention to detail and schedule. We offer:

- **Experience gained during Demolition Consultant Term Contract TC-008.** Dewberry was the first consultant to support DPMC on the program and since then we have been assigned 11 task orders with 141 demolition properties. We partnered with DPMC staff to develop procedures that streamline the many steps required in the process. Our projects have been diverse, ranging from urban demolition projects in Union County to waterfront demolition in Cumberland County.
- **We bring deep, local civil engineering and environmental services resources and knowledge.** Dewberry's New Jersey practice is comprised of more than 260 civil, environmental, and support personnel focused principally on delivering site survey, design, permitting, bidding, and construction administration services for state and local agencies. The personnel that we commit to TC-004 have coordinated demolition projects for clients including the DPMC, New Jersey Department of Environmental Protection (NJDEP), New Jersey Department of Transportation, New Jersey Turnpike Authority, and New Jersey Schools Development Authority, among others. Our knowledge of local regulations and our attention to detail will be critical to collecting proper site data, coordinating with private utilities and local governments, shepherding permits, preparing clear bid documents, troubleshooting unexpected conditions, overseeing contractors, and providing proper documentation.
- **We are national experts with Federal Emergency Management Agency (FEMA) and U.S. Department of Housing and Urban Development (HUD) disaster and mitigation programs.** The State requires that activities performed by TC-004 Demolition Consultants and the DPMC classified construction contractors meet all applicable FEMA performance standards as well as eligibility criteria for potential funding from HUD or other federal programs. Dewberry was FEMA's first Public Assistance contractor; no company



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has worked on the program longer than us. Our staff also includes Hazard Mitigation Assistance (HMA) grant program experts, including individuals who support local governments in acquiring flood-prone properties. We know the Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Program (PDM), and Flood Mitigation Assistance (FMA) program. Our experience also includes HUD compliance and reimbursement; in fact in this Post-Sandy world, we are collaborating with HUD to shape documentation that will meet Community Development Block Grant-Disaster Recovery (CDBG-DR) funding. Our team includes the very leaders who helped create today's disaster and mitigation programs-those individuals are available to support the State in maximizing reimbursement for Blue Acres Buy-Outs, and doing so quickly and efficiently.

- **We have proven that we can successfully manage similar programs for DPMC and other state agencies.** The State requires TC-004 Demolition Consultants to be available to accept multiple work order assignments of varying sizes in various locations. We built the Dewberry practice on work order contracts by providing fast turnaround, strong project management, good communication, and effective solutions on multiple, concurrent, multi-discipline work orders on time and within budget. In addition to our work on TC-008, we have completed numerous task orders under the DPMC/NJDEP Floodplain Study Mapping Services contracts since 2011, served the NJDEP as Project Manager of the Post-Sandy Waterway Debris Removal program, and served the NJDEP as an Environmental Field Contractor providing environmental and historic preservation reviews for HUD funding on more than 400 tasks.

We are pleased to include TTI Environmental, Inc. (TTI) on our team to continue to provide asbestos services and lead paint services as they have on our TC-008 contract. TTI has been a long-time partner of Dewberry, supporting clients including the New Jersey Department of Transportation, New Jersey Schools Development Authority, and the New Jersey Department of Environmental Protection. TTI is headquartered in Moorestown, New Jersey, and maintains a staff of personnel with a long roster of asbestos and lead-based paint certifications.

We are committed to performing the Scope of Work outlined in your Request for Proposal dated January 25, 2019 and clarified in Addendum A of February 22, 2019. We agree to the Terms and Conditions stated in the referenced documents. If you require any further information please contact Steven Benosky at 973.576.9676 or sbenosky@dewberry.com.

Sincerely,
Dewberry Engineers Inc.

A handwritten signature in black ink, appearing to read "Craig Johnson", with a long horizontal flourish extending to the right.

Craig Johnson, PE
Principal-in-Charge

A handwritten signature in blue ink, appearing to read "Steven Benosky", with a long horizontal flourish extending to the right.

Steven Benosky, PE
Project Manager

Demolition Consultant Term Contract

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DPMC Notice of Consultant Pre-Qualification

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Section 1: Organization Chart / Staffing Plan



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ORGANIZATION CHART/STAFFING PLAN

This section describes the roles and responsibilities of our project team, contains an organization chart that delineates the roles of personnel, provides information on key personnel qualifications, describes our management approach (incorporating quality assurance and health and safety), and demonstrates our capability and capacity to support the Blue Acres Buy-Out Program and other State demolition projects.

- The Key Personnel At-a-Glance table on page 4 highlights the staff shown on our organization chart.
- The Project Key Personnel List indicating the respective time that each key individual will be dedicated to each phase of work on a typical assignment is on page 9.
- Resumes of our key personnel begin on page 10.

Project Team

Dewberry will be the prime consultant on TC-004. We will be responsible for managing the contract and specialty subconsultants (including professional services, laboratories, and contractors). We will provide quality assurance for contract management, including budget and schedule control for individual work orders, as well as contract-wide health and safety oversight. In addition, Dewberry will provide

technical services in all categories specified in DPMC's RFP, with the exception of P065 Lead Paint Evaluation which will be provided by our subconsultant TTI Environmental, Inc. Dewberry's relevant DPMC prequalification categories are:

- P05 Civil Engineering (Unlimited)
- P011 Environmental Engineering with NJDEP - Licensed Site Remediation Professional (LSRP) on staff (Unlimited)
- P037 Asbestos Design
- P025 Estimating/Cost Analysis

Dewberry is a 2,000-person professional services firm operating nationally. The firm maintains 50 locations and provides services in program management, planning, engineering, architecture, mapping, geographic information services, and the environmental sciences.

In New Jersey

We have enjoyed a significant role in shaping New Jersey for more than 60 years. With more than 260 personnel in our Parsippany, Bloomfield, and Mount Laurel offices, our clients include local, state, and federal government agencies as well as the private sector. Our state and quasi-state agency clients include:

- NJ Department of Treasury, Division of Property Management and Construction
- NJ Department of Environmental Protection
- NJ Schools Development Authority

- NJ Department of Human Services
- NJ Department of Transportation
- NJ Economic Development Authority
- NJ TRANSIT
- NJ Turnpike Authority
- Port Authority of New York and New Jersey

Civil and Environmental Capabilities

Successful civil and environmental projects typically start with a strong knowledge of local conditions—including a region's physical, political, regulatory, economic, and demographic factors. Our network of community-based offices enables our clients to benefit from Dewberry's local experience and presence, as well as our familiarity with zoning issues, plan development and review processes, local codes and ordinances, and community concerns. Our multi-disciplinary team in New Jersey includes civil engineers and environmental specialists working elbow-to-elbow to assess sites and develop solutions in a fully collaborative environment—yielding time and budget savings to our clients. Our New Jersey-based team of 260 personnel includes site / civil engineers, planners, environmental engineers, floodplain managers, ecologists, environmental permitting specialists, public outreach specialists, geologists, archaeologists, architectural historians, and construction management/inspection professionals.

Our demolition experience is wide ranging—spanning from residential demolitions to make way for

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NJDOT's largest project in construction to date—the I-295/I-76/Rt 42 Direct Connection Interchange in Camden County—to more modest undertakings such as demolition of aging schools to support new construction for the New Jersey Schools Development Authority. We acted as Project Manager for the NJDEP's Waterway Debris Removal Program in 2013, where we managed the \$157-million program requiring Dewberry resources in engineering, hazardous materials, archaeology, permitting, cost estimating, construction management, and debris removal. In each of these instances, we partnered with the lead New Jersey State agency to cut red tape, streamline environmental review, and keep the public informed.

National Leader in Hazard Mitigation

Dewberry is one of FEMA's primary contractors, having been a prime contract holder, joint venture partner, or major subcontractor on FEMA's Housing Inspection Services (HIS) contract, Individual Assistance Technical Assistance Contract (IATAC), Public Assistance Technical Assistance Contract (PATAC), Technical Assistance Research Contract (TARC), RiskMAP Production and Technical Services (PTS) Contract, and Hazard Mitigation Technical Assistance Program (HMTAP) contract, each for multiple contract terms. With many of the most recognized and respected disaster and mitigation experts and thought leaders nationwide, Dewberry is an industry leader in the full spectrum of emergency management disciplines, including FEMA/ HUD

reimbursement support, and is uniquely positioned to continue providing “whole of practice” solutions to DPMC.

TTI Environmental Inc.

TTI Environmental, Inc (TTI), founded in 1985 and incorporated under the laws of the State of New Jersey, is a multi-disciplined environmental services organization providing professional consulting, contracting, and engineering services. TTI, a small business enterprise, employs approximately 60 professional, technical, and administrative personnel in New Jersey. TTI provides services to local, state, and federal governments, private, commercial, industrial, and construction clients as well as to other professional firms.

TTI's Environmental Consulting Division is located in Moorestown. This division includes three departments: Industrial Hygiene, Environmental Consulting, and Environmental Health & Safety. These departments provide services which include environmental consulting, environmental engineering, environmental health & safety, asbestos, lead based paint and mold inspections, asbestos abatement specification design and management and air monitoring, indoor air quality, lead in water compliance, and Title V permitting.

TTI's Industrial Hygiene Department includes staff who maintain all relevant licenses including USEPA Asbestos Building Inspector, Management Planner, Abatement Designer, NJ Asbestos Safety Technician,

NJ Lead Inspector/Risk Assessor, and Council Certified Microbial Consultant.

TTI's Tank Services Division includes a Construction Division and Inspection Division. This division owns and operates TTI's own heavy equipment.

TTI's Environmental Consulting Division is licensed by the NJDEP, New Jersey Department of Community Affairs (NJDCA), and prequalified by the DPMC.



Key Personnel At-a-Glance

Key Personnel	Firm Name	Years of Experience	Degree	Role
Steven Benosky PE	Dewberry	23	BS, Civil Engineering	Project Manager / Plans and Specifications / Public Outreach
Peter Black PE, CME	Dewberry	43	BS, Civil Engineering	Quality Assurance Manager
Thomas Cumello PG	Dewberry	30	MS, Environmental Engineering BS, Earth Science	Health & Safety Manager / Hazardous Building Materials
Zachary Davis RPA	Dewberry	25	MA, Anthropology MA, Archaeology BA, Archaeological Studies	Archaeology
Mitchell Kreisher PE	Dewberry	7	BS, Civil Engineering	Civil Engineering / Plans and Specifications
Michael Ince PE	Dewberry	19	BS, Civil Engineering	Civil Engineering
Daniel Rocha PE	Dewberry	11	BS, Civil Engineering	Civil Engineering
Corey Nachshen	Dewberry	26	MBA, Management MA, Environmental Management BS, Ceramic Engineering	Hazardous Building Materials
Michael Stocku	TTI	25	BS, Environmental Science	Hazardous Building Materials / Plans and Specifications
William Pendexter PhD, PG, LSRP	Dewberry	39	PhD, Geology MS, Geology BA, Earth Science	Site Remediation
Kelly Rosofsky Eff	Dewberry	11	MSCE, Civil Engineering BSCE, Civil Engineering	Reimbursement Compliance

Capability to Support Existing Obligations While Undertaking the Work

We are well positioned to respond with the necessary resources to complete the multiple concurrent tasks anticipated under this contract. We offer the DPMC deep resources in offices throughout the state of New Jersey:

- 260 Dewberry personnel in Bloomfield, Parsippany, and Mount Laurel offices (2,000 nationwide)
- 60 TTI personnel

Many firms may claim that they have adequate staffing available to perform the work required. However, just having lots of bodies is not enough; it is critical to have knowledgeable and experienced staff available to accomplish the work accurately and efficiently in the required time. We offer the right combination of project managers, civil engineers, and environmental professionals bringing experience with project scoping, design development, permitting, bidding, and construction administration. We were able to support multiple concurrent work orders for TC-008 without impacting the quality or schedules expected by the DPMC. We offer:

- 96 Professional Engineers Licensed in New Jersey
- 75 environmental personnel based in New Jersey (including LSRPs, engineers, geologists, archaeologists, hazardous materials specialists)

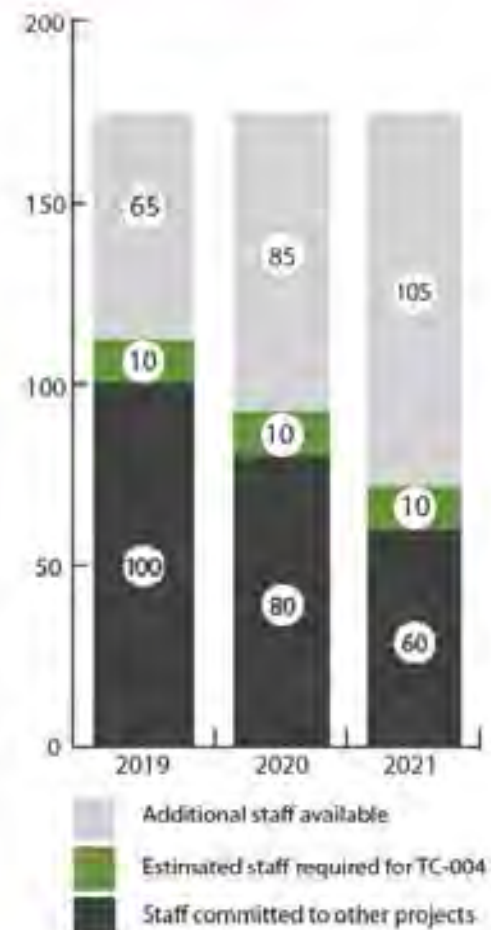
The Qualified Personnel table identifies a pool of 175 Dewberry and TTI personnel qualified to staff this contract.

Since the number and size of the work orders to be issued under TC-004 is unknown at this time, we have estimated that the contract will need 10 full-time personnel. The workload analysis chart in Figure 1 demonstrates that of the qualified staff identified for this contract, we have the resources available to dedicate 10 full-time personnel to the contract, and can accommodate additional capacity if needed.

Qualified Personnel

Discipline	Qualified Staff
Engineers	50
Environmental Specialists (including geologists, scientists, archaeologists)	60
Hazardous materials specialists (asbestos, lead, building materials)	20
LSRPs	8
Construction Managers	30
Reimbursement Specialists	7
TOTAL	175

Workload Analysis Chart



Management Approach

Dewberry specializes in Work Order-type contracts with a special emphasis on providing these services to state agencies similar to DPMC. For more than 60 years, we have developed and refined contract management processes and support systems to optimize work order delivery. We understand the requirements of “on-call” projects—fast turnaround, strong project management, good communication, and the ability to provide effective solutions on concurrent, multi-discipline work orders on time and within budget.

Dewberry has been assigned 11 work orders under TC-008 (Demolition Consultant Term Contract) as well as work orders under DPMC Flood Mapping term contracts. We believe the key to successful execution of Work Orders lies in the following basic, but critical, processes:

Project Manager

Our team will be led by Steven Benosky, PE. He has more than 20 years of experience in civil engineering and environmental consulting, is a practicing New Jersey professional engineer, and holds a bachelor's degree in civil engineering. Steve has managed work orders under Dewberry's TC-008 Demolition Consultant Term Contract since 2014. He is familiar with both the technical and management aspects of the contract.

Planning

When the DPMC contacts us regarding a new Work

Order, Dewberry's Project Manager will prepare a proposal using the DPMC Work Order form including the scope of work, fee breakdown, deliverables, and due date, and, as requested, qualifications. The Project Manager will negotiate with DPMC and gain Notice to Proceed. During the planning process, we establish tracking procedures for performance of milestones, budget controls, and quality review.

Management Coordination

Communication is paramount. We will maintain constant contact with DPMC as these Work Orders require quick turnaround and coordination with the DPMC Project Managers and the DPMC Code Review group. In consultation with DPMC's Contracting Officer / Project Manager, Dewberry's Project Manager will attend regular coordination meetings in Trenton or where convenient to the client. Our Project Manager will provide electronic weekly and monthly status reports for the Work Orders, pursuant to the reporting requirements defined by DPMC. Status reports will summarize the status of the Work Orders/ properties, percent complete, and anticipated issues that require resolution. In addition, we will maintain close communication with DPMC's management staff via phone calls and e-mail correspondence during the entire life of each Work Order to verify that we are meeting expectations.

Cost Account Management

Dewberry's internal accounting system, EnterpriseOne from JD Edwards, produces a series of financial reports for use by our management team

to monitor Work Order costs. Labor, equipment, and other direct charges are reported dynamically. Thus, Project Managers have immediate access to a detailed account of all charges incurred on a task at any given time. Invoices will be submitted monthly on DPMC Invoice Form (DPMC-11) and will address monthly progress according to state and federal requirements.

Project Scheduling

We developed a detailed schedule for a Work Order with a standard home demolition or batch of home demolitions. For those Work Orders with schedule deviations (potential deviations could stem from permitting, unanticipated discoveries, community relations issues, archaeological finds, or other issues), our Project Manager will amend the schedule to define milestones. Standard or amended schedules will be furnished with each Work Order and will be updated as the work progresses through the planning, code review, permitting, bidding, demolition, and close-out phases.

Communications and Computer Capability

Financial reports, correspondence, and technical reports are easily produced, exchanged, and retrieved using Dewberry's robust IT systems. Staff members in the office and in the field are linked electronically, including our subconsultants. We will work with DPMC to adopt the agreed upon methods for sharing information electronically. Additionally, we will strive to use a paperless approach to optimize efficiency and support quality assurance and an expedited workflow. We will use electronic technology (e.g., tablets

and digital photographs) for data collection on preliminary surveys and site investigations, to inform the subsequent phases of work.

Subcontract Management

Dewberry accepts the accountability and responsibility for all work performed under TC-004. Subconsultants always report to the Project Manager will be the point of contact for all contract work. As with Dewberry generated costs, the Project Manager manages subconsultant cost reports. Variances are analyzed and, where needed, corrective action is taken to get the project back on time and within budget. Dewberry expects the same level of attention to safety and quality from our subconsultants as required of our own employees. Our Quality Assurance Manager and Health & Safety Manager provide oversight for each Work Order. Based on our established relationship with TTI, we are confident they maintain the same focus on quality and safety, and will be a contributing asset to this contract.

Project Management System

Our Project Management System tracks costs and schedules to identify variances early in the process. When variances in cost or schedule occur, the Project Manager will work with DPMC to prepare plans to bring the Work Order back on schedule and budget while maintaining quality. In instances where the variance is anticipated through a change of scope approved by the DPMC, we prepare revised schedules and budgets. In addition, when unexpected situations indicate a potential impact, we strive to manage the

change so that there is little or zero negative impact on schedule or budget. The Project Manager notifies the DPMC immediately when it is determined that an impact may occur. We do not proceed with out of scope items before a modification or a Notice-to-Proceed is issued.

Quality Assurance

Dewberry's Quality Management System (QMS) has been developed to improve productivity, minimize cost, and provide that our clients are satisfied with the final product. We have built our practice on Work Order-type contracts, and our QMS is tailored to address the demands of multiple, concurrent, multi-discipline work orders.

The designated Quality Assurance (QA) Manager will be responsible for overseeing Dewberry's QA Program. For each assignment, the Project Manager will prepare a project-specific Quality Assurance Plan (QAP), in accordance with our Quality Management System (QMS) procedures. The QAP is then reviewed by the QA Manager. Upon approval of the QAP, it is issued to personnel assigned to the Work Order including subconsultants. Our subconsultants must also abide by this Plan. Quality control is the responsibility of each member of the project team.

Peter Black is our proposed QA Manager for this contract. Peter brings more than 40 years of experience in managing and implementing the Quality Program on state and quasi-state contracts including contracts for NJDOT, DPMC, and the Port Authority

of New York and New Jersey. Peter was the Senior Project Manager responsible for Dewberry's TC-008 contract.

Health & Safety (H&S) Program

The purpose of the Dewberry H&S Program is to provide a practical guide for managing the health and safety aspects of projects and operations conducted by Dewberry. A copy of Dewberry's H&S Program is available upon request.

This document provides the framework for how safety functions within the overall management at Dewberry and provides information and assistance so that employees can complete their job tasks in a safe manner. Dewberry is committed to providing a safe working environment for its employees. Employees are expected to observe the safety procedures and practices in this program.

The Dewberry H&S Program documents a framework for managing health and safety throughout the company. It identifies the roles and responsibilities of all levels of employees, specifies how to conduct hazard assessments and controls, identifies appropriate safety training for employees, and outlines a Medical Surveillance Program for appropriate employees. Our H&S Manager, Tom Cumello, will develop a Contract H&S Plan specifically for TC-004. Dewberry personnel and subconsultants will be briefed on the Plan and bound to it.

Our H&S Manager will also develop either a Site Specific Health & Safety Checklist or a Site Specific Health & Safety Plan (HASP) for each Work Order. **One of these documents must be completed before the start up of field activities to identify potential hazards and implement appropriate controls.** For some Work Orders, a generic H&S Checklist may be used for standard situations. The H&S Checklist or HASP will outline the controls to be used, the Standard Operating Procedures to be followed, and **the training that personnel should have prior to being assigned to the Work Order.** These documents will **also provide emergency information and a method for communication of hazards to employees completing the Work Order.**

Tom Cumello will serve as H&S Manager on this contract. An engineer, geologist, and AHERA-certified professional, Tom brings more than 25 years of experience in the civil and environmental field in New Jersey. Since Superstorm Sandy, he has had the opportunity to work on four separate contracts that brought him and Dewberry professionals into residential neighborhoods; Tom will incorporate best practices developed on those contracts into the H&S Plans for TC-004.

Project Key Personnel List

Firm Name	Key Personnel & Title	Percentage of Time Assigned to Project							
		Design Development Phase	Final Design Phase	Permit Application Phase	Bidding & Award Phase	Construction		Close Out Phase	Hourly Wage Level 1-7
						Office	Field		
Dewberry	Steven Benosky , Project Manager / Plans and Specifications / Public Outreach	15	15	10	10	5	5	5	6
Dewberry	Peter Black , Quality Assurance Manager	5	5	5	2	5	5	2	7
Dewberry	Thomas Cumello , Health & Safety Manager / Hazardous Building Materials	10	10	0	0	5	5	0	4
Dewberry	Zachary Davis , Archaeology	5	5	0	0	0	5	0	5
Dewberry	Mitchell Kreisher , Civil Engineering / Plans and Specifications	50	50	30	10	20	5	5	4
Dewberry	Michael Ince , Civil Engineering	20	20	10	0	10	5	2	4
Dewberry	Daniel Rocha , Civil Engineering	20	20	10	0	10	5	2	4
Dewberry	Corey Nachshen , Hazardous Building Materials	10	10	0	0	5	5	0	5
TTI Environmental Inc.	Michael Stocku , Hazardous Building Materials / Plans and Specifications	50	10	0	0	5	5	0	4
Dewberry	William Pendexter , Site Remediation	5	5	0	0	5	0	2	6
Dewberry	Kelly Rosofsky , Reimbursement Compliance	0	5	0	0	10	0	5	4

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Steven Benosky PE

Project Manager / Plans and Specifications / Public Outreach

Steve manages environmental and civil engineering contracts for a variety of public agency clients; he is responsible for staff allocation, schedules, budgets, quality assurance, health and safety, and technical oversight. His experience includes the study, design, and construction administration of infrastructure rehabilitation and capital projects; facility improvements; water, sewer, and utilities; and drainage systems and flood control projects. Steve has extensive experience in the preparation of local, county, and state permits.

RELEVANT EXPERIENCE

Demolition Consultant Term Contract, DPMC, NJ. Task Manager on Dewberry's contract to support the State of New Jersey with demolition design and construction administration services. Includes preliminary surveys, assessments, site/civil design and permitting, utilities coordination, and administration services to support the state's program to acquire repetitive flood loss structures and return their properties to open space. Responsible for managing scope, schedule, and budget for multi-disciplinary tasks.

Sanitary Sewer Connection, New Jersey Training School for Boys, DPMC, Monroe Township, NJ. Project Engineer for the construction of a force main sewer and pump station at the New Jersey Training

School for Boys. The existing on-site wastewater treatment plant was decommissioned and replaced with a pump station and force main connecting to the Monroe Township Utilities Department (MTUD) sewer system. The pump station includes a comminutor chamber, submersible pumps, valve/meter chamber, and an odor control system. The force main is approximately 7,600-linear-feet with stream crossings using jack and bore and horizontal directional drill methods. Services include surveying, geotechnical investigation, preparation of construction documents for the pump station, force main, and appurtenances, and the preparation and submittal of permit applications for all outside agencies.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Senior Civil Engineer for the redevelopment of 12 acres of property in downtown Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work includes concept plans, environmental services (asbestos, lead, hazardous materials, site remediation), topographic and boundary surveys, permitting, hydrology and hydraulic engineering, and site/civil/utility engineering. The design includes green infrastructure to minimize the burden on Morristown's storm

EDUCATION:

BS, Civil Engineering, Clarkson University, 1995

REGISTRATIONS:

Professional Engineer, NJ, MA

YEARS OF EXPERIENCE:

Dewberry, 17

Prior, 6

AFFILIATIONS:

American Council of Engineering Companies of New Jersey Land Use & Permitting Committee

Association of State Dam Safety Officials

Steven Benosky PE

Project Manager / Plans and Specifications /
Public Outreach

sewer system as well as the risk for non-point source water pollution by using non-structural stormwater management systems that are integrated with planted areas and greenways.

Newark Airport Hangar Demolition / Remain Overnight Parking, Port Authority of New York and New Jersey, Newark, NJ. Civil Engineer for the building demolition work related to the Airport development. As lead discipline, coordinated multiple discipline inputs to develop contract documents incorporating civil, environmental, electrical, mechanical, and structural disciplines for the demolition of Buildings 14, 95, and 332 in the EWR North Cargo Area and site/civil work for site redevelopment as landside green space and airside parking of aircraft.

New Jersey Turnpike Interchange 8, New Jersey Turnpike Authority, East Windsor, NJ. Civil Engineer for the final design of this \$180-million Section 6 (Interchange 8) Turnpike widening project which included demolition of eight homes, a toll plaza, East Windsor Township Department of Public Works structures, a pump station, a gasoline station, and partial demolition of the Turnpike Authority Central Shops building. Required extensive coordination with the NJDOT, Mercer County, and East Windsor Township. The project included NJDEP permits, Soil Erosion Control Certificate, and extensive utility relocations/coordination (including JCP&L transmission lines, sanitary and water mains, telephone, cable, fiber-optic facilities), all on an accelerated schedule.

Civil Engineering Call-In Services, Port Authority of NY/NJ, Various Locations, NY and NJ. Task Manager or Senior Civil Engineer for more than 30 on-call tasks for since 2005. Tasks deal with repair, rehabilitation, and improvements at Port Authority facilities and sites. Services provided include: field survey, condition inspection, engineering and environmental studies/investigations, report preparation, preliminary and final design, construction cost estimating, permitting (including Soil Erosion Sediment Control Certification), technical specifications, preparation of contract bid documents, construction scheduling, shop drawing review/ approval, and construction support services.

Potable Water Services, Greystone Park Complex, Morris County, NJ, Project Manager. Responsible for the design and construction of the portable water service to County-owned property located at the Greystone Park Complex. The project involved the installation of 4,900 linear feet of water mains to serve the 13 County-owned buildings. A connection was made to the Southeast Morris County Municipal Utilities Authority water system which included a meter pit with appropriate backflow equipment. Engineering services included final design, permitting, and construction administration. Permits include NJDEP Bureau of Water System Engineering, NJDEP Flood Hazard Area, NJDEP Freshwater Wetlands, and Soil Erosion and Sediment Control Certification.

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Peter Black PE, CME

Quality Assurance Manager

Peter brings long-term experience managing the quality program on contracts for New Jersey State contracts. He is responsible for contract negotiations, project control and budgeting, assigning and directing staff, client liaison, and responsibility for project design and scheduling. His project involvement includes site assessment, design, preparation of plans and specifications, permitting and approvals, construction administration, and community liaison. He brings significant experience with NJDEP permitting, particularly Flood Hazard Area permitting.

RELEVANT EXPERIENCE

Demolition Consultant Term Contract, DPMC, NJ, Project Manager on Dewberry's contract to support the State of New Jersey with demolition design and construction administration services. Includes preliminary surveys, assessments, site/civil design and permitting, utilities coordination, and administration services to support the state's program to acquire repetitive flood loss structures and return their properties to open space. Requires rigorous federal funding compliance.

Floodplain Study Mapping Services, Term Contract TC-007, DPMC / NJDEP, Statewide, NJ. Senior Engineer for Dewberry's contract to provide floodplain delineation, mapping and information

management services to support development of Digital Flood Insurance Rate Map and Flood Insurance Study Reports, as part of NJDEP's partnership agreement with FEMA.

Civil Engineering Call-In Services, Port Authority of NY / NJ, Various Locations, NY and NJ. Project Manager / Civil Engineer for on-call tasks for since 1983. Tasks deal with repair, rehabilitation, and improvements at Port Authority facilities and sites. Services provided include: field survey, condition inspection, engineering and environmental studies / investigations, report preparation, preliminary and final design, construction cost estimating, permitting (including Soil Erosion Sediment Control Certification), technical specifications, preparation of contract bid documents, construction scheduling, shop drawing review/approval, and construction support services.

Federal Express, On-Call Engineering Services, Newark Liberty International Airport, Newark, NJ. Project Manager for on-call engineering services contracts for FedEx projects at Newark Liberty International Airport and the metropolitan area. The scope of the contract includes facility inspections, project scoping, preparation of construction documents, preparation of bidding documentation, pre-construction meetings, construction oversight,

EDUCATION:

BS, Civil Engineering, Rutgers University, 1975

REGISTRATIONS:

Professional Engineer, NJ, NY
Certified Municipal Engineer, NJ

YEARS OF EXPERIENCE:

Dewberry: 43

AFFILIATIONS:

American Society of Civil Engineers

Peter Black PE, CME
Quality Assurance Manager

and close out documents to the Port Authority of NY/NJ. The projects are typically quick turnaround assignments and regularly involve building code approvals, asbestos certifications, and Soil Erosion and Sediment Control Certification permits, among others.

Drainage and Dam Studies Open End Contract, NJDOT, Statewide, NJ. Project Manager for a three-year statewide drainage/dam studies term agreement. The scope of work included identification/verification of the problem, collecting relevant background data, (site survey, flooding events etc.), mapping, developing cost estimates, support for a Community Involvement Program, performing alternative analyses, providing engineering for further studies, supporting documentation, and permitting. In addition, included final design and provide construction plans and services for minor drainage projects.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Quality Assurance Manager for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work includes concept plans, environmental services (asbestos, lead, hazardous materials, site remediation), topographic and boundary surveys, permitting, hydrology and hydraulic engineering, and site/civil/utility engineering. The design includes green infrastructure to minimize the burden on Morristown's storm

sewer system as well as the risk for non-point source water pollution by using non-structural stormwater management systems that are integrated with planted areas and greenways.

Direct Connection Interchange, NJDOT, Camden County, NJ. Senior Civil Engineer for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

New Jersey Turnpike Interchange 8, New Jersey Turnpike Authority, East Windsor, NJ. Senior Civil Engineer for the final design of this \$180-million Section 6 (Interchange 8) Turnpike widening project which included demolition of eight homes, a toll plaza, East Windsor Township Department of Public Works structures, a pump station, a gasoline station, and partial demolition of the Turnpike Authority Central Shops building. Required extensive coordination with the NJDOT, Mercer County, and East Windsor Township. The project included NJDEP permits, Soil Erosion Control Certificate, and extensive utility relocations/coordination (including JCP&L transmission lines, sanitary and water mains, telephone, cable, fiber-optic facilities), all on an accelerated schedule.

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Thomas Cumello PG

Health and Safety Manager / Hazardous Building Materials

Tom has provided health and safety oversight for Dewberry's work on a long roster New Jersey state agency contracts. He is responsible for implementing Dewberry's Health & Safety (H&S) Program, developing and implementing contract H&S Plans, and developing and implementing Site Specific Health and Safety Plans and Checklists.

RELEVANT EXPERIENCE

Demolition Consultant Term Contract, DPMC, NJ. Health and Safety Manager on Dewberry's contract to support the State of New Jersey with demolition design and construction administration services. Includes preliminary surveys, assessments, site/civil design and permitting, utilities coordination, and administration services to support the state's program to acquire repetitive flood loss structures and return their properties to open space.

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, New Jersey. Environmental Health & Safety Manager responsible for developing and implementing the H&S Plan for the contract and for developing and implementing Site Specific Health and Safety Plans and Checklists for specific tasks. Dewberry supported NJDEP in planning and managing a program to remove and monitor debris from waterways, while maximizing FEMA reimbursement and maintaining

environmental compliance. Included demolition of coastal residences.

Environmental Assessment Field Contractor for Superstorm Sandy Community Development Block Grant-Disaster Recovery (CDBG-DR), NJDEP, New Jersey. Health & Safety Manager for National Environmental Policy Act (NEPA) Environmental Assessments in support of CDBG-DR projects funded by HUD. Responsible for developing and implementing the H&S Plan for the contract and for developing and implementing Site Specific Health and Safety Plans and Checklists for field reconnaissance activities.

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Senior Environmental Specialist for Dewberry's contract to support the City of New York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review (including asbestos/lead and hazardous materials, hazardous waste, and archaeology) for residential applications for HUD CDBG-DR funds. The City received more than 20,000 applications, including both single- and multi-family residences.

EDUCATION:

MS, Environmental Engineering, New Jersey Institute of Technology, 1996
BS, Earth Science, Penn State University, 1986

REGISTRATIONS:

Professional Geologist PA, DE, NY
AHERA Asbestos Building Inspector
OSHA 40-Hour Hazardous Waste Operations Training, 1987, Annual Refreshers
OSHA Hazardous Waste Operations Training, Site Supervisor

YEARS OF EXPERIENCE:

Dewberry: 12
Prior: 18

Thomas Cumello PG

Health and Safety Manager / Hazardous Building Materials

Debris Disposal Oversight, NJDOT, New Jersey. Health & Safety Manager and Environmental Specialist under Dewberry's contract to monitor up to 200 trucks per day at debris sites located along the New Jersey coastline. More than 60,000 tons of debris was transported for disposal. In addition to debris removal, Dewberry personnel provided oversight on the recycling of ferrous metals associated with the debris piles and beach sand reclamation which was redistributed to beaches. Accurate inspection and record-keeping was required to support FEMA reimbursement of NJDOT expenditures.

Substantial Damage Evaluations (SDE) Post Superstorm Sandy, Hazard Mitigation Technical Assistance Program, FEMA, Various Locations, NJ. Project Specialist on one of 13 teams that conducted SDEs in eight counties. Dewberry conducted 20,000 residential and non-residential inspections within a 90-day period.

Environmental Engineering Task Order Contract, MTA–NYC Transit, New York, NY. Health & Safety Manager responsible for developing and implementing the H&S Plan for the contract and for developing and implementing Site Specific Health and Safety Plans and Checklists for specific tasks under a 5 year, \$10-million term contract. More than 20 tasks were completed including Phase I Environmental Site Assessments; archaeological monitoring during construction; and asbestos, lead-based paint, and hazardous materials services on more than 125 sites. To make way for the Fulton Transit Center

(\$1.4-billion project opening 2014), Dewberry was responsible for asbestos, lead-based paint, and hazardous materials management survey, abatement design, and project monitoring for five buildings that were demolished and one historic building that was restored.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Health & Safety Manager for environmental services for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work included asbestos, lead, hazardous materials survey; soil and groundwater characterization; and groundwater monitoring.

Direct Connection Interchange, NJDOT, Camden County, NJ. Health & Safety Manager for environmental services for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

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Zachary Davis RPA

Archaeology

Zach is a senior archaeologist and project manager practiced in National Environmental Policy Act (NEPA) and Section 106 of the National Historic Preservation Act (NHPA) compliance, as well as Phase IA Archaeological Assessments, Phase IB Archaeological Surveys, and Phase II Archaeological Site Evaluations. Zach has been project manager for over 100 projects in New York, New Jersey, and other Mid-Atlantic States

EDUCATION:

PhD (ABD) Interdepartmental Doctoral Program in Anthropology, SUNY Stony Brook, 2006

MA, Anthropology,

SUNY Stony Brook, 2000

MA, Archaeology, University of London, 1994

BA, Archaeological Studies, Boston University, 1993

REGISTRATIONS:

Registered Professional Archaeologist

YEARS OF EXPERIENCE:

Dewberry: 3

Prior: 22

RELEVANT EXPERIENCE

Rebuild By Design Hudson River: Resist-Delay-Store-Discharge, NJ TRANSIT and New Jersey Department of Environmental Protection (NJDEP), Hudson County, NJ. Cultural Resources Lead for the Feasibility Study and NEPA Environmental Impact Statement (EIS) for a \$230-million, comprehensive urban water strategy conceived to protect the Hoboken waterfront, as well as parts of Weehawken and Jersey City. Responsible for assessing the effects of project alternatives on cultural resources as well as preparing the Cultural Resources Technical Environmental Study, the Cultural Resources section of the EIS, and the Programmatic Agreement. Coordinated with the Advisory Council on Historic Preservation, NJDEP, New Jersey Department of Community Affairs, and New Jersey Historic Preservation Office. Participated in public outreach.

Build It Back Program, New York City Economic Development Corporation and Mayor's Office of Housing Recovery Operations, New York, NY. Historic Preservation Lead (since 2015) for the cultural resources review of residential properties damaged as a result of Hurricane Sandy. Involves reviewing properties for historic preservation issues, both architectural (above ground) and archaeological (below ground), under the May 2013 Programmatic Agreement executed between the Federal Emergency Management Agency, the New York State Historic Preservation Office, and the New York City Landmarks Preservation Commission for compliance with the NEPA and US Department of Housing and Urban Development (HUD) regulations. Other tasks include consultation with New York State and City review agencies and developing mitigation treatment plans for historic properties adversely affected by the recovery project.

Archaeological Monitoring, Demolition of the Gloucester City Water Works Reservoir, City of Gloucester, Camden County, NJ. Project Manager. Coordinated the archaeological monitoring of the demolition of the circa 1873 NRHP-listed Gloucester City Water Works Reservoir, preparation of a Historic American Buildings Survey/Historic American Engineering Record (HABS/HAER) recordation of the waterworks, and the photo documentation of its components during demolition.

Zachary Davis RPA

Archaeology

Environmental Assessment Field Contractor for Superstorm Sandy Community Development Block Grant-Disaster Recovery (CDBG-DR), NJDEP, NJ. Cultural Resources Lead for NEPA Environmental Assessments and compliance with Section 106 of the NHPA, in support of CDBG-DR projects funded by HUD. Work involves desktop assessments (review of aerials, historic maps, and NJDEP GIS files), field reconnaissance, and environmental documentation, as well as extensive coordination with local, state, and federal agencies.

Maritime Archaeology, Route 35 Steel Sheet Pile Dune Restoration Project, NJDEP, Mantoloking Sea Wall, Brick Township, NJ. Senior Archaeologist responsible for Dewberry's services to conduct maritime archaeological recordation and damage assessment for the cultural materials (i.e., shipwreck remains) encountered during the installation of steel sheet piles.

Environmental Planning Task Order Contract, NJDOT, Statewide, NJ. Senior Archaeologist for this three-year, \$5-million contract. Tasks can include inventories and surveys, fieldwork and photo documentation, archival research, preservation plans, Memoranda of Agreement, use determination, alternatives evaluation, impact assessment, and mitigation plans, as well as monitoring and mitigating construction projects for adverse effects to historic properties.

Archaeological Monitoring, Pulaski Skyway Rehabilitation Program, Construction Support, NJDOT, Contract 7, Newark Ramp, Newark, NJ. Cultural Resources Lead responsible for coordinating the development and implementation of an archaeological monitoring plan for ground disturbing activities in close proximity to the historic location of the Morris Canal, listed in the National Register of Historic Places.

West Summit Interlocking, NJ TRANSIT, Summit, NJ. Cultural Resources Lead responsible for the project's compliance with Section 106 of the NHPA. Involved completion of a Phase IA Archaeological Assessment and Historic Architectural survey of the proposed reconfiguration of the outdated interlocking and relocation of the new interlocking as well as alterations to the existing Morristown Line and Gladstone Branch rail corridors. The project was determined to have no adverse effect on multiple historic properties present in the project area.

Individual Section 4(f) Evaluation for Route 49 and Buckshutem Road, NJDOT, Bridgeton, NJ. Senior Archaeologist providing Section 106 documentation and summary of project effects as related to Section 4(f) impacts for the project's adverse effect to the Bridgeton Historic District and the East Commerce Street Historic Districts. Required coordination with the New Jersey Historic Sites Council as well as the development of a Memorandum of Agreement to mitigate the project's adverse effect on historic properties.

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Mitchell Kreisher PE

Civil Engineering / Plans and Specifications

Mitch has experience with civil and environmental engineering projects serving local, county, state, quasi-state, and federal government clients with site, civil, and utility engineering. His projects also involve drainage and capacity studies including hydrologic and hydraulic modeling; drainage systems and flood mitigation projects; sanitary sewer system design; wastewater treatment plant design; environmental remediation design for soil and groundwater; and preparation of numerous local, county, and state permits.

infield areas; rehabilitating ditches; and cleaning, rehabilitating, and replacing pipes. Our scope of work included engineering design, wetland delineation, and state and federal permitting (NJDEP Water Quality Certificate, NJDEP Individual Flood Hazard Area Permit, USACE Nationwide Permits 3 and 41). We developed a strategy that required only temporary wetland impacts for the project's anticipated 3.89-acre wetland impact, avoiding a mitigation requirement and saving PANY&NJ almost \$3 million.

EDUCATION:

BS, Civil Engineering, Pennsylvania State University, 2010

REGISTRATIONS:

Professional Engineer: NJ

YEARS OF EXPERIENCE:

Dewberry, 4

Prior: 4

RELEVANT EXPERIENCE

Demolition Consultant Term Contract, DPMC, NJ. Project Engineer on Dewberry's contract to support the State of New Jersey with demolition design and construction administration services. Includes preliminary surveys, assessments, site/civil design and permitting, utilities coordination, and administration services to support the state's program to acquire repetitive flood loss structures and return their properties to open space. Requires rigorous federal funding compliance.

Teterboro Airport (TEB) – Storm Drainage System Rehabilitation-Phase I, PANY&NJ, Bergen County, NJ. Civil Engineer for a project to address drainage inefficiencies at TEB to resolve hazardous flooding and outfall pollution. Tasks include regrading

Sycamore Hill Road Improvements, Borough of Bernardsville, NJ. Civil Engineer. Responsible for the development of the construction drawings and specifications for the design and installation of approximately 1,000 linear feet of storm drainage piping, and associated storm drainage structures, as well as the full depth restoration of the road. The existing Sycamore Hill Road pavement was in poor condition with extensive cracking throughout the roadway length and some areas where the subbase course stone bedding was exposed, indicating that the existing pavement cross section is very thin.

TEB Building 72 Drainage Conditions/Improvement Stage I Study, PANY&NJ, Bergen County, NJ. Civil Engineer for studies to address two separate drainage issues at TEB: 1) interior flooding of Building 72; and, 2) exterior flooding of the parking

Mitchell Kreisher PE
Civil Engineering / Plans and Specifications

lot. We will evaluate the condition of drainage structures through visual inspection, prepare existing conditions drawings, evaluate drainage solutions, and develop three alternatives to eliminate interior flooding and reduce parking lot flooding. Our scope of work also includes preparing a permit requirements summary, conceptual level plans and report for the alternatives, and conceptual construction cost estimates.

Port Elizabeth – Phase II Water System Stage I Study, Port Authority of New York & New Jersey (PANY&NJ), Elizabeth, NJ. Civil Engineer for a study to establish an overall condition of the existing water distribution system and the cost to rehabilitate it. The scope of work includes developing a computer model of the system, evaluating the adequacy of the fire suppression system including the fire pump building and the need for fire-water storage tanks, and proposing a water distribution system to support future layout of the Elizabeth Port Authority Marine Terminal.

Newark Liberty International Airport (EWR) Terminal “A” Redevelopment Program Airside Utility and Paving South Phase I, NJDEP Land Use Regulation Program Permitting, PANYNJ, Union County, NJ. Civil Engineer for this project that involves obtaining the NJDEP Flood Hazard Area permit, performing associated supporting calculations including, but not limited to, updating the existing unsteady-state hydrologic/hydraulic HEC-RAS model of the Peripheral Ditch for proposed conditions, analyses to demonstrate compliance with

the stormwater management rules, and performance of zero-net-fill calculations. Also, involved permitting services in support of the Somerset Union Soil Conservation District Soil Erosion and Sediment Control Plan certification including all necessary stormwater analyses.

Cushing Court Drainage Outfall / Stream Restoration, Township of Randolph, Randolph, NJ. Civil Engineer for a project to address a degraded intermittent stream corridor which was impaired due to flash flooding and erosion. The cause of the stream channel degradation is a result of upstream residential development through which all upstream stormwater is collected and eventually discharged through a common 21” reinforced concrete pipe located at the head of the intermittent stream. Design included an 11’ x 8’ concrete vault with interior baffle to be installed at the pipe discharge and installation of downstream gabions in order to dissipate energy, reduce velocities, and stabilize and restore the stream banks.

Oles Lake Dam Removal, Virtua, Camden County, NJ. Civil Engineer supporting alternatives analysis (dam safety inspection, preliminary hydrologic and hydraulic analyses, conceptual alternatives), and design of the selected alternative to remove the dam and construct a trapezoidal channel opening and a channel through the current lake area. The channel design includes using fluvial geomorphologic principles, including bioengineering measures for channel stabilization.

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Michael Ince PE, LEED AP

Civil Engineering

Mike has nearly 20 years of civil engineering experience with various residential, public works, commercial and industrial projects. His work involves due diligence, design bid document preparation, permitting, and contractor oversight. His projects often involve extensive demolition work, including plans and specifications for contractors, utility removals or relocations, and Soil Erosion and Sediment Control (SESC) plans.

RELEVANT EXPERIENCE

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Senior Civil Engineer for site/civil/utility design services, construction document preparation and oversight for the redevelopment of 12 acres of property in downtown Morristown where six blighted homes were demolished to be replaced with 700 apartments, more than 60,000 square feet of commercial space, and green spaces. This project also included concept plans, environmental services (asbestos, lead, hazardous materials, site remediation), and permitting. Project design includes green infrastructure elements to minimize the burden on Morristown's storm sewer system as well as the risk for non-point source water pollution by using non-structural stormwater management systems that are integrated with planted areas and greenways.

Millburn Parking Garage, Township of Millburn, Millburn, NJ. Senior Civil Engineer, as a subconsultant, for project involving demolition of existing asphalt surface parking lot; permit approvals to create a subdivision for a deed restriction to allow capping of the historical landfill at the site; and construction of a new two-level parking garage adjacent to the Millburn Train Station. Permitting included reviews by the Township and County, SESC Plan approval by the Soil Conservation District; and, an NJDEP Flood Hazard Area Verification and Individual Permit application and approval.

Ambulatory Care Center / Medical Office Building, Barnabas Health, Livingston, NJ. Senior Site / Civil Engineer responsible for demolition plans and specifications of the existing medical building, including utility removals and closeouts. Also responsible for preparation of the SESC plan and permit approval with the Hudson-Essex-Passaic Soil Conservation District. This project required numerous field visits, pre-construction meetings, and contract administration. Involved demolition of existing medical space prior to the addition of 42,000 square feet of physician office space, new lobby area, and connecting corridor to the existing structure.

EDUCATION:

BS, Civil Engineering, Rutgers University, 1990

REGISTRATIONS:

Professional Engineer, NJ

Leadership in Energy and Environmental Design (LEED) Accredited Professional, US

YEARS OF EXPERIENCE:

Dewberry, 7

Prior, 12

Michael Ince PE, LEED AP

Civil Engineering

Chilton Memorial Hospital On-Call Civil Engineering, Atlantic Health, Pompton Plains, NJ. Senior Civil Engineer the current expansion project, which includes three residential structures scheduled for demolition, UST removals, site planning and planning board approvals, preparation of final design plans and specifications, and contractor oversight. Previous projects have involved site / civil engineering, planning and zoning board approvals, bid document preparation, and contractor oversight.

How Lane Parking Lot Expansion, Saint Peter's University Hospital, New Brunswick, NJ. Senior Civil Engineer for project involving demolition of a 30-foot by 30-foot commercial structure and replacing it with a surface parking lot to support increased service offerings at this regional hospital. Project included bid document preparation and contractor oversight.

Leonard Place Elementary School, New Jersey School Development Authority (NJSDA), Passaic County, NJ. Civil Lead. Dewberry served as Site Feasibility Consultant for the NJSDA's \$35-million Design-Build project at Leonard Place. Prepared the conceptual and schematic site/civil plans used for the design-build procurement process. Services included transition services, site surveys, existing conditions assessment, environmental support services, utility investigation, geotechnical evaluations, stormwater management evaluations, and design-build construction phase services.

Ocean Medical Center Master Facility Plan, Meridian Health, Brick, NJ, Senior Site/Civil Engineer. Dewberry provided civil engineering services for the first phase of a Master Facility Plan for the expansion of the Ocean Medical Center. Dewberry was responsible for surveying, site plan design and the preparation of a Major Site Plan for the expansion. Services included plans for: site layout and dimension, grading and drainage, soil erosion and sediment control, utilities, lighting, and landscaping, as well as an Environmental Impact Statement, Traffic Impact Report and permitting. Also included coordination with municipal planning and zoning boards. The project involved a new eight-story tower, a one-level Emergency Department and a two-level concourse.

Saint Barnabas Medical Center Ambulatory Care Center/Medical Office Building, RWJ Barnabas Health, Livingston, NJ. Senior Site/Civil Engineer. Project includes 42,000 SF of physician office space, new lobby area, and a connecting corridor to the existing 250,000 SF facility. Dewberry is providing design services including survey, geotechnical engineering, traffic, site/civil, planning and landscape architecture for the project. Site improvements will modify the on-site vehicle circulation roadway, and provide a drop-off area at the new lobby and reconfigure site surface parking. Dewberry will provide design and regulatory permitting services for the new sitework and utilities required for the development.

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Daniel Rocha PE

Civil Engineering

Dan is a project engineer with experience in aspects of civil engineering services for state agencies. His work has included preparation of construction and bidding documents, project oversight, and close out document preparation and submission.

EDUCATION:

BS, Civil Engineering, NJ Institute of Technology, 2007

REGISTRATIONS:

Professional Engineer: NJ, NY

YEARS OF EXPERIENCE:

Dewberry: 11

RELEVANT EXPERIENCE

Demolition Consultant Term Contract, DPMC, NJ. Senior Engineer on Dewberry's contract to support the State of New Jersey with demolition design and construction administration services. Includes preliminary surveys, assessments, site/civil design and permitting, utilities coordination, and administration services to support the state's program to acquire repetitive flood loss structures and return their properties to open space.

Civil Engineering Call In Services, Port Authority of New York and New Jersey (PANY / NJ), Various Locations, NJ and NY. Civil Engineer for more than ten on call tasks since 2007. Responsibilities include field surveys, engineering studies / investigations, permitting (including Soil Erosion and Sediment Control Plans), technical specifications, preparation of contract bid documents, construction scheduling, and construction support services. Tasks under this contract deal with repair, rehabilitation, and improvements at Port Authority facilities and sites.

Federal Express On-Call Engineering Services at Newark Liberty International Airport, Newark, NJ. Civil Engineer for an on-call engineering services contract for FedEx projects at Newark Liberty International Airport and surrounding metropolitan area. Work under this contract includes preparation of construction documents, preparation of bidding documentation, pre construction meetings, oversight of projects, close out documentation for PANY / NJ, and facility inspections.

Superstorm Sandy Related Repairs at Newark Liberty International Airport, Federal Express, Newark, NJ. Project Engineer responsible for field visits, construction documents, contract administration, permitting, and close out documents for various repairs related to damage caused by Superstorm Sandy. Work was performed at various buildings and structures, including the replacement and / or repair of roofs, fascias, gutters, electronic equipment, and indoor office damage.

Water Main Extensions, New Jersey American Water Company (NJAW), Various Locations, NJ. Project Engineer for permitting, preparation of bid documents, and construction administration for the installation of 20,000 linear feet of water distribution mains at more than 25 locations in Atlantic, Burlington, Camden, Cap May, and Monmouth

Daniel Rocha PE

Civil Engineering

Counties to improve water quality and fire flows. Permits for this project included local and county Soil Erosion and Sediment Control Plans and NJDOT utility permits.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Civil Engineer for site/civil/utility design services, construction document preparation and oversight for the redevelopment of 12 acres of property in downtown Morristown where blighted homes were demolished to be replaced with 700 apartments, more than 60,000 square feet of commercial space, and green spaces. This project also included concept plans, environmental services (asbestos, lead, hazardous materials, site remediation), and permitting.

Direct Connection Interchange, NJDOT, Camden County, NJ. Civil Engineer for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

Sanitary Sewer Connection, New Jersey Training School for Boys, DPMC, Monroe Township, NJ. Project Engineer for the construction of a force main sewer line and pump station at the New Jersey Training School for Boys. The existing on-site wastewater treatment plant will be decommissioned and replaced with a pump station and force main connecting to the Monroe Township Utilities

Department (MTUD) sewer system. The pump station will include a comminutor chamber, submersible pumps, valve/meter chamber, and an odor control system. The force main will be approximately 7,600 linear feet with stream crossings using jack and bore and horizontal directional drill methods. Services include surveying, geotechnical investigation, preparation of construction documents for the pump station, force main, and appurtenances, and the preparation and submittal of permit applications for all outside agencies.

Newark Liberty International Airport (EWR) Terminal "A" Redevelopment Program Airside Utility and Paving South Phase I, NJDEP Land Use Regulation Program Permitting, PANYNJ, Union County, NJ. Senior Engineer responsible for obtaining the NJDEP Flood Hazard Area permit, performing associated supporting calculations including, but not limited to, updating the existing unsteady-state hydrologic/hydraulic HEC-RAS model of the Peripheral Ditch for proposed conditions, analyses to demonstrate compliance with the stormwater management rules, and performance of zero-net-fill calculations. Also, responsible for permitting services in support of the Somerset Union Soil Conservation District Soil Erosion and Sediment Control Plan certification including all necessary stormwater analyses.

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Corey Nachshen

Hazardous Building Materials

Corey has extensive experience as a project manager and engineer for site assessments, investigations, demolition designs, remedial designs, remedial actions, and asbestos content and lead-based paint projects. He is an accomplished work order manager with experience managing budgets, schedules, and multi-disciplinary engineering tasks.

EDUCATION:

MBA, Management, Montclair State University, 2002

MA, Environmental Management, Montclair State University, 1994

BS, Ceramic Engineering, Rutgers University, 1991

REGISTRATIONS:

OSHA 40-Hour Hazardous Waste Operations Training, 1996, Annual Refreshers

AHERA Asbestos Building Inspector, Management Planner, and Project Designer

YEARS OF EXPERIENCE:

Dewberry: 12

Prior: 14

RELEVANT EXPERIENCE

Demolition Consultant Term Contract, DPMC,

NJ. Asbestos Lead on Dewberry's contract to support the State of New Jersey with demolition design and construction administration services. Includes preliminary surveys, assessments, site/civil design and permitting, utilities coordination, and administration services to support the state's program to acquire repetitive flood loss structures and return their properties to open space. Requires rigorous federal funding compliance.

Rebuild By Design Hudson River: Resist-Delay-Store-Discharge, NJ TRANSIT and New Jersey Department of Environmental Protection (NJDEP), Hudson County, NJ. Environmental Engineer for the Feasibility Study and National Environmental Policy Act (NEPA) Environmental Impact Statement (EIS) for a \$230-million comprehensive urban water strategy conceived to protect the Hoboken waterfront, as well as parts of Weehawken and Jersey

City. The project incorporates hard and nature-based infrastructure measures to address surge protection, coastal defense, and systemic drainage issues.

Pre-Construction Services Related to Superstorm

Sandy Build it Back Program, New York City Economic Development Corporation and Mayor's Office of Housing Recovery, New York, NY. Asbestos and Lead-Based Paint Subject Matter Expert responsible for property inspection for potential asbestos and lead materials to inform the Tier II desktop environmental reviews. Dewberry holds a contract to support New York City's permanent housing recovery program post-Superstorm Sandy by conducting detailed assessments of approximately 14,000 damaged homes and performing site assessments and environmental review to qualify properties for Community Development Block Grant – Disaster Recovery (CDBG-DR) funding.

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, NJ. Senior Environmental Engineer responsible for asbestos and lead services. Dewberry supported NJDEP in planning and managing a program to remove and monitor debris from waterways, while maximizing FEMA reimbursement and maintaining environmental compliance. Included demolition / removal of homes damaged by Superstorm Sandy.

Corey Nachshen

Hazardous Building Materials

New Jersey Turnpike Interchange 8, New Jersey Turnpike Authority, East Windsor, NJ. Senior Environmental Engineer for pre-demolition asbestos/lead/hazardous materials survey and for demolition monitoring for structures removed as part of this \$180-million Section 6 (Interchange 8) Turnpike widening project which included demolition of eight homes, a toll plaza, East Windsor Township Department of Public Works structures, a pump station, a gasoline station, and partial demolition of the Turnpike Authority Central Shops building.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Task Manager for environmental services for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work included asbestos, lead, and hazardous materials survey for six homes which were demolished to make way for the project; soil and groundwater characterization; and groundwater monitoring.

Debris Disposal Oversight, NJDOT, NJ. Senior Environmental Specialist under Dewberry's contract to monitor up to 200 trucks per day at debris sites located along the New Jersey coastline. More than 60,000 tons of debris was transported for disposal. In addition to debris removal, Dewberry personnel provided oversight on the recycling of ferrous metals associated with the debris piles and

beach sand reclamation which was redistributed to beaches. Accurate inspection and record-keeping was required to support FEMA reimbursement of NJDOT expenditures.

Environmental Engineering Task Order Contract, MTA–NYC Transit, New York, NY. Work Order Manager for a 5-year, \$10-million term contract. Responsible for asbestos, lead-based paint, and hazardous materials services on various tasks including pre-demolition services for the Fulton Transit Center (\$1.4-billion project opening 2014). Task involved asbestos, lead-based paint, and hazardous materials management survey, abatement design, and project monitoring for five buildings that were demolished and one historic building that was restored.

Direct Connection Interchange, NJDOT, Camden County, NJ. Senior Environmental Engineer for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

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EDUCATION:

BS, Environmental Science, Drexel University, 1993

REGISTRATIONS:

Lead Inspector/Risk Assessor: NJ

Asbestos Safety Technician: NJ

Certified AHERA Building Inspector

Certified AHERA Management Planner

Certified AHERA Asbestos Project Designer

Asbestos Project Inspector: City of Philadelphia

Asbestos Investigator: City of Philadelphia

Radon Measurement Technician

NIOSH 582 Course

YEARS OF EXPERIENCE:

25

Michael Stocku

Hazardous Building Materials / Plans and Specifications

Michael is responsible for asbestos abatement design, and air asbestos exposure assessments. Tasks include identification of materials and exposure risks as well as mitigation of identified problems via abatement and implementation of employee training programs, radon assessments and testing in accordance with New Jersey Department of Environmental Protection (N.J.A.C. 7:28-27) regulations, mold assessments, supervising technicians and project scientists on assessment and abatement projects, responsible for project timelines, budget, technical scope and closeout reporting, performs pre-bid site visits and develops cost estimates for projects.

RELEVANT EXPERIENCE

Demolition Consultant Term Contract, DPMC, NJ.

Asbestos Specialist. Responsible for conducting asbestos inspections and samplings for 74 homes for multiple work orders, as a subconsultant to Dewberry.

Boiler Replacement, New Jersey Army National

Guard, Fort Dix, NJ. Project Manager. Conducted asbestos testing around the boiler and mechanical room. Designed asbestos abatement workplan for the boiler replacement project. TTI was subcontracted under Miller-Remick. Miller-Remick maintains a contract with the New Jersey Army National Guard.

Asbestos Surveys, B and F Wing Roof, Richard Stockton University, Galloway, NJ. Project Manager. Responsible for coordinating project meetings with facilities personnel and assigned abatement contractor. Responsible for designing the abatement specifications and air monitoring for this non Sub 8 project.

Asbestos Consulting Services, Montclair University, Montclair, NJ. Project Manager for numerous projects contracted to TTI for over five years for the Facilities Management Department. Conducted numerous asbestos inspections, asbestos abatement specification designs, abatement management and air monitoring and reporting assignments.

Asbestos Consulting Services, New Jersey Department of Military & Veterans Affairs, Various Locations, NJ. Project Manager for numerous projects contracted to TTI though this contract maintained for over seven years while it was a state contract and now as a agency contract. Performs asbestos inspections, asbestos abatement specifications, abatement management, and air monitoring and reporting for armories throughout New Jersey and Veterans Haven Hospital in Winslow.



William Pendexter PhD, PG, LSRP

Site Remediation

Bill has diversified experience managing soil and groundwater remediation projects under the NJDEP Site Remediation Reform Act (SRRA) and Industrial Site Recovery Act (ISRA), as well as Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) regulations with expertise conducting remedial site investigations, coordinating Potentially Responsible Party groups, developing feasibility studies, and designing and implementing small and large-scale remedial actions.

RELEVANT EXPERIENCE

Rebuild By Design Hudson River: Resist-Delay-Store-Discharge, NJ TRANSIT and NJDEP, Hudson County, NJ. Senior Geologist. Supported the Hazardous Waste Screening Technical Study the Feasibility Study and NEPA EIS for a \$230-million comprehensive urban water strategy conceived to protect Hoboken, as well as parts of Weehawken and Jersey City. The project incorporates hard and nature-based infrastructure measures to address surge protection, coastal defense, and systemic drainage issues.

Red Hook Flood Risk Reduction Study, NYC Economic Development Corp., Brooklyn, NY. Senior Hydrogeologist responsible for an environmental investigation program to evaluate potential hazardous waste issues at potential

flood protection system locations. This feasibility study involved developing a comprehensive flood management system to reduce flood risks from coastal storm surge in Red Hook community. The integrated flood protection system may consist of a combination of permanent and long-term components (e.g., multipurpose berms, deployable flood walls, street elevations, landscape, and drainage improvements).

Environmental Services Task Order Contracts, NJ TRANSIT, Various Locations, NJ. Senior Hydrogeologist and LSRP for three consecutive, \$5-million contracts. Responsible for remedial site investigation, remedial design, and remedial actions, including serving as LSRP, for facilities including rail and bus stations, bus storage and maintenance garages, railroad right-of-way areas, and properties proposed for possible acquisition.

Direct Connection Interchange, NJDOT, Camden County, NJ. Senior Hydrogeologist for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

EDUCATION:

PhD, Geology, Florida State University, 1996
MS, Geology, University of Alabama, 1985
BA, Earth Sciences, Fairleigh Dickinson University, 1979

REGISTRATIONS:

Professional Geologist, PA, NY
Licensed Site Remediation Professional (LSRP), NJ
OSHA 40-Hour Hazardous Waste Operations Training, Annual Refreshers, US

YEARS OF EXPERIENCE:

Dewberry: 8
Prior: 31

William Pendexter PhD, PG,
LSRP
Site Remediation

New Jersey Turnpike Interchange 8, New Jersey Turnpike Authority, East Windsor, NJ. Senior Hydrogeologist for the final design of this \$180-million Section 6 (Interchange 8) Turnpike widening project which included full relocation of the Interchange 8 toll plaza and ramps (including demolition of existing buildings); relocation and reconstruction of county and local roads. Required extensive coordination with the NJDOT, Mercer County, and East Windsor Township. The project includes NJDEP permits, Soil Erosion Control Certificate, extensive utility relocations (including JCP&L transmission lines, sanitary and water mains, telephone, cable, fiber-optic facilities) all on an accelerated schedule.

Speedwell Redevelopment, Mill Creek Residential, Morristown, NJ. LSRP and Senior Hydrogeologist for Phase II Investigations, including an ongoing groundwater monitoring program in connection with redevelopment of 12 acres of property in downtown Morristown, currently occupied by mixed uses including residential, retail, commercial, and public works facilities. Project involved collaboration with Township environmental consultant, on behalf of the redevelopment entity, to ensure that the current responsible party addresses known environmental issues in a manner consistent with current regulations and guidance documents.

Closure of Six USTs, Former Garden Center, West Long Branch, NJ. LSRP of record during redevelopment of former garden center into apartment complex. Identified six heating oil USTs

of varying vintages and conducted closure during construction of apartment complex. Issued area of concern Response Action Outcome document upon completion of closure activities.

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Senior Hydrogeologist for Dewberry's contract to support the City of New York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review (including asbestos/lead and hazardous materials, hazardous waste, and archaeology) for residential applications for HUD CDBG-DR funds. The City received more than 20,000 applications, including both single- and multi-family residences.

Leonard Place Elementary School, New Jersey School Development Authority (NJSDA), Passaic County, NJ. Senior Hydrogeologist for Dewberry, who serves as Site Feasibility Consultant for the NJSDA's \$35-million Design-Build project at Leonard Place. Prepared the conceptual and schematic site/civil plans used for the design-build procurement process. Services included transition services, site surveys, existing conditions assessment, environmental support services, utility investigation, geotechnical evaluations, stormwater management evaluations, and design-build construction phase services.



Kelly Rosofsky EIT

Reimbursement Compliance

Kelly is an engineer with experience responding to disaster declarations as a Public Assistance Project Specialist for FEMA, and multiple years supported Dewberry's disaster response activities after Superstorm Sandy in NJ and NYC. While at FEMA, she won an honorable mention award for outstanding service to Region X. After Superstorm Sandy, Kelly performed building damage inspections supporting FEMA's substantial damage estimation (SDE) assessment efforts in coastal NJ. She has supported the NYC Build it Back program. Kelly was part of the state management team for the multi-million dollar NJDEP waterway debris removal project. In her roles as deputy technical lead for FEMA compliance, Kelly attended FEMA meetings with NJDEP, developed protocols for Environmental and Historic Preservation (EHP) compliance and managed the damage assessment program for impacted navigation channels. Currently she is working as the FEMA compliance specialist on the NJDOT/OMR Sandy channel dredging and has provided FEMA appeal oversight.

RELEVANT EXPERIENCE

Superstorm Sandy Waterway Debris Removal Project, NJDEP, Deputy Technical Lead supported the NJDEP by leading FEMA compliance of the debris removal operation from state waterways. Seven debris removal contractors and inspection contractors were

managed throughout the state by Dewberry on behalf of NJDEP. As a result, Kelly was a contributing author of several protocols written to address statewide compliance with Environmental and Historic Preservation (EHP) regulations and FEMA Public Assistance (PA) program compliance. She regularly supported NJDEP at FEMA meetings and, through these meetings, Kelly collaborated with USACE to develop a methodology to locate and document more than 2,000 sediment core samples. USACE oversaw the development of the core sampling program to quantify the Sandy-related sediment volume as a complex damage assessment technique on behalf of FEMA. Dewberry set up and managed the analysis of sediment core samples and preparation of volume calculations in more than 200 channels and marinas statewide in compliance with USACE and FEMA specifications.

Project Management Services, New Jersey Department of Transportation Office of Maritime Resources, FEMA Specialist supporting the FEMA appeal documentation for a Superstorm Sandy project worksheet (PW) that covered the NJ state navigation channel system. Support includes consulting services, assisting with RFI responses, preparing technical reports and collecting data. Additionally new PWs are developed under this agreement, as needed, and PW amendments are

EDUCATION:

MSCE, Civil Engineering, University of Washington
BSCE, Civil Engineering, Tufts University

REGISTRATIONS:

Engineer in Training, MA

YEARS OF EXPERIENCE:

Dewberry: 5
Prior: 6

Kelly Rosofsky EIT

Reimbursement Compliance

prepared. Currently five PWs have been developed for Winter storm Jonas and amendments have been written for Sandy PWs to include hazard mitigation proposals. Tasks also include FEMA reimbursement preparation, compliance monitoring of project work, EHP monitoring and reporting, training and protocol development.

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Engineer supporting the delivery of thousands of Superstorm Sandy home inspection damage estimates by preparing and quality reviewing pathway determination feasibility reports. The engineering tasks to prepare feasibility reports include review of the damage assessment, NEPA environmental compliance, HUD lead based paint and asbestos reporting, and substantial damage information as well as preparing building foundation elevation estimates, report documentation and pathway determinations.

Benefit Cost Analysis (BCA) Helpline, FEMA, Subject Matter Expert responsible for providing BCA guidance to users applying for HMA grants over the phone and email through FEMA's helpline system. The BCA Helpline typically assists customers during the application development process, needing timely and complete guidance in order to meet State and Federal deadlines.

Debris Resource Assessment, Metropolitan Washington Council of Government (MWCOG), Debris Specialist supporting the MWCOG debris

planning efforts by providing data analysis, consulting services, and technical report preparation. Dewberry has prepared a Debris Gap Analysis report after assessing and inventorying the existing equipment, staff, planning, and procedures that will be used by the member jurisdictions (cities and counties) of MWCOG to respond to a debris-generating event. The Gap Analysis was presented to MWCOG and additional coordination tasks were developed as a result of the report's findings. Dewberry prepared Debris Management Plan guidance documents and organized a multi-day debris training and exercise with FEMA.

Washington, D.C. Damage Assessment Plan, Engineer supporting the development of a Damage Assessment Plan to align with the District Preparedness Framework and District Response Plan. The Damage Assessment Plan accounts for the activation, implementation, coordination, reporting, deactivation, evaluation, and maintenance of a system to evaluate damages to buildings and infrastructure after a potential damage-causing event. Kelly designed the four annexes to guide field personnel in conducting damage assessments at progressive phases of the response and recovery processes: Windshield Survey Assessment, Initial Damage Assessment, Preliminary Damage Assessment, and Technical Damage Assessment, and was the lead author in the District Damage Assessment base plan age Windshield Survey Assessment Guide for quickly collect a snapshot of information to provide general situational awareness

Section 2: Experience on Projects of a Similar Nature



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EXPERIENCE ON PROJECTS OF A SIMILAR SIZE AND NATURE

The Dewberry team's track record of quality and performance providing identical services to those anticipated under TC-004 will continue to be valuable to the success of the Blue Acres Buy-Out program. We bring the DPMC a unique combination with:

- A track record of success on TC-008;
- A robust demolition portfolio;
- A long roster of accomplishments under Work-Order type contracts for federal and state agencies including New Jersey State agencies; and
- Federal funding reimbursement support that is second to none.

Track Record of Success on TC-008 Demolition Consultant Term Contract

DPMC has assigned 11 work orders to Dewberry, we have completed all scope of work areas anticipated, partnering with DPMC.

Robust Demolition Portfolio

We are well versed in the steps required to demolish structures. Our demolition consulting services typically include some or all of the following:

- Project design services including development of

project approach, scope of work, and work phasing

- Site surveys and inventories for asbestos, lead, PCBs, and other hazardous materials
- Regulatory coordination, permitting, approvals, and public outreach
- Development of construction contract documents including design specifications and plans for site control, asbestos abatement, hazardous material removal, utility termination/relocation/preservation, building separation, building component salvage, building demolition, waste management/disposal, and project documentation
- Contractor procurement including bidding, evaluation, negotiation, award, and/or subcontracting
- Abatement and demolition cost estimating
- Abatement and demolition project management and onsite project oversight services including safety oversight, air and noise monitoring, and waste characterization and material segregation for proper recycling to reduce project cost and disposal
- Transportation and disposal of contaminated media
- Comprehensive environmental investigation and clean-up services
- Project close-out services

Long roster of accomplishments under Work Order-type contracts for federal and state agencies including New Jersey State agencies

More than 85% of Dewberry's business comes from repeat clients, in many cases under general engineering and Work Order-type contracts. We hold repeat contracts for clients including DPMC, NJDOT, NJSDA, NJ TRANSIT, NJ Turnpike Authority, Port Authority of New York and New Jersey, among others.

FEMA reimbursement support that is second to none

With Dewberry, the DPMC will get the best, most practiced FEMA knowledge available. Dewberry personnel have administered millions of dollars in grant programs including, but not limited to:

- Hazard Mitigation Grant Program (HMGP)
- Pre-Disaster Mitigation Program (PDM)
- Flood Mitigation Assistance (FMA)
- Repetitive Flood Claims (RFC)
- Severe Repetitive Loss (SRL)
- Public Assistance

You can rely on our answers and guidance to start recouping money from FEMA and other potential funding sources, and doing so more quickly. We understand eligibility requirements—in fact in many cases Dewberry personnel wrote the programs and training courses that FEMA uses today.

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Demolition Consultant Term Contract TC-008

Various Locations, NJ

CLIENT

Division of Property Management and Construction

PROFESSIONAL FEE

\$1,220,000 to date

STATUS

2014-present

Dewberry provides demolition design and construction administration services for the NJDEP Blue Acres Buy-Out Program and for the DCA unsafe structures program. Blue Acres buy-out properties (including structures) are those that have been damaged by, or may be prone to incurring damage caused by, storms or storm-related flooding, or that may buffer or protect other lands from such damage, and are eligible for buy-out from willing sellers. The Blue Acres Program coordinates with the Federal Emergency Management Agency (FEMA) and the New Jersey Office of Emergency Management (NJOEM) to mitigate flood-prone or flood-damaged structures by acquiring and demolishing homes, opening up the floodplain, and deed restricting land as open space in perpetuity.

Our scope of work involves developing preliminary surveys, assessments, ACM investigations, scopes of work and/or design documents and specifications for the demolition, proper disposal, and disposition of buildings and structures on designated properties. We are responsible for design tasks for disconnecting utilities, the closing of wells, pumping and filling of septic systems/cesspools, removing above ground storage tanks and removal of hazardous materials from the properties. We prepare the necessary design/bid documents to be advertised for bid, supplying permit coordination, bidding support, and construction administration services to advance these projects along the critical path—typically within very stringent federal funding time frames.

SERVICES

- Preliminary surveys and site investigations
- Project scoping documents
- Hazardous materials
- Environmental compliance
- Permit coordination and approvals
- Site remediation and restoration
- Design and bid specifications
- Bid phase support
- Construction oversight
- Close-out documentation

KEY PERSONNEL

- Sloven Benesky
- Peter Black
- Thomas Cumella
- Mitchell Kreisher
- Conny Nachshien
- Daniel Rocha
- Michael Stocker

On TC-008 we were responsible for

141 
properties

135 
asbestos abatement

37 
UST, well, or septic
system closures

24 
universal work
inspections



Pre-Construction Services for NYC "Build It Back" Program

New York, NY

CLIENT

New York City Economic Development Corporation (NYCEDC), in partnership with the Mayor's Office of Housing Recovery Operations (HRO)

PROFESSIONAL FEE

\$53,000,000

STATUS

Completed 2019

Dewberry supported NYCEDC, HRO, with pre-construction services related to the NYC Build it Back program. NYC Build it Back is a federally funded program to assist homeowners, landlords, and tenants in the five boroughs whose homes were impacted by Superstorm Sandy. The program is funded by U.S. Department of HUD CDBG-DR funds. The City received more than 20,000 applications, including both single- and multi-family residences.

We worked with the HRO, HUD, New York City Department of Housing Preservation and Development, NYC Housing Authority, and a multi-agency stakeholder group in the development of this unprecedented program. For each application, Dewberry was responsible for:

- Inspecting residences to assess the level of damage incurred;
- Estimating cost to complete rehabilitation (including the development and implementation of appropriate strategies to address resiliency or mitigate environmental concerns); and
- Conducting environmental review to clear the projects for the use of federal funds.

The scope of our investigations and cost estimating included asbestos, lead-based paint, hazardous materials, and hazardous waste. The project included 7,600 asbestos inspection reports prepared in compliance with New York State Department of Labor and NYCDEP guidance. More than 10,400 lead paint inspection reports were prepared in compliance with HUD Title VII and Title X. Hazardous waste

work was conducted in compliance with NYSDEC guidance and it included 148 Phase I Environmental Site Assessments and 14 Phase II Environmental Site Assessments. Environmental review was required for historic preservation (including archaeology), floodplain and coastal zones, wetlands, endangered species, air quality, noise, hazardous materials and waste, and environmental justice, among other categories.

SERVICES

Preliminary surveys and site investigations
Hazardous materials
Environmental compliance
Permit coordination and approvals with federal, state and local officials
Close-out documentation
Project outreach and participation

KEY PERSONNEL

Thomas Cumello
Zachary Davis
Corey Nachshen
William Pendexter
Kelly Rosovsky

On NYC's HUD CDBG-DR funded Build It Back Program, we were responsible for:

7,600 
Asbestos
Inspection Reports

10,400 
Lead Paint
Inspection Reports

148 **PHASE I**
Environmental
Assessments

14 **PHASE II**
Environmental
Assessments

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Speedwell Redevelopment

Morristown, NJ

CLIENT

Mill Creek Residential Trust LLC

PROFESSIONAL FEE

\$1,000,000

STATUS

Completed 2017

Dewberry supported the Town of Morristown and its designated redeveloper, Mill Creek Residential Trust, with redevelopment of 12 acres of property in downtown Morristown where blighted properties and residential structures were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Our scope of work included:

- Site evaluation
- Site investigation, including Phase I Environmental Site Assessments for individual properties to be demolished
- Survey
- Concept plans
- Preliminary design
- Asbestos/lead/hazardous building material survey
- Final design, including plans and specifications (site)
- Site/civil engineering
- Utility engineering (natural gas, water, sewer, electric, phone, cable)
- Traffic engineering
- Landscape architecture
- Permitting
- Soil and groundwater remediation
- Construction oversight (site)
- Public outreach

The project involved demolition of 12 homes to make way for new construction. Prior to demolition, Dewberry was responsible for surveying the homes for asbestos, lead, and hazardous materials. The project also included demolition of a former municipal Department of Public Works (DPW) which we sampled for asbestos, lead, and hazardous materials.

At the DPW, where previous releases from USTs have contaminated the groundwater, we conducted site and remedial investigations and, as LSRP, are responsible for a groundwater monitoring program in compliance with NJDEP regulations.

For the site development, Dewberry was responsible for concept planning, site planning, final design, preparation of plans and specifications, bid support services, and construction administration.

SERVICES

Preliminary surveys and site investigations

Project scoping documents

Hazardous materials

Environmental compliance

Permit coordination and approvals with federal, state, and/or local officials (site)

Site remediation and restoration

Design and bid specifications (site)

Bid phase support (site)

Construction oversight (site)

Close-out documentation (site)

Project outreach and participation

KEY PERSONNEL

Steven Benosky

Peter Black

Thomas Cumello

Michael Ince

Corey Nachshen

William Pendexter

Daniel Rocha



Direct Connection

Camden County, NJ

CLIENT

New Jersey Department of Transportation

CONSTRUCTION COST

\$900,000,000

STATUS

Under Construction

Dewberry is supporting the State of New Jersey with the feasibility analysis, Environmental Impact Statement, preliminary and final design, permitting, construction oversight, and public outreach for the \$900-million reconstruction of the I-295/I-76/Rt. 42 Interchange in Camden County. The largest project undertaken by the NJDOT to date, the interchange reconstruction requires elements including:

- Demolition of 15 homes
- Demolition of commercial properties
- Extensive utility coordination (Aqua America, Atlantic City Electric, Comcast Cable, New Jersey American Water, South Jersey Gas Company, PSE&G, Verizon Communications, United Water, 20 sewer utilities, 12 water utilities)
- Extensive permitting including NJDCA, NJDEP, U.S. Army Corps of Engineers, and US Environmental Protection Agency, U.S. Coast Guard, and U.S. Fish & Wildlife Service
- Green Acres coordination
- Asbestos, lead, and UST survey and abatement / remediation design and oversight (including LSRP services)
- Site preparation including work plans, health & safety, and mobilization
- Demolition including capping and rerouting of utilities, abatement and demolition sequencing, buildings, tanks, and miscellaneous site work
- Site restoration including final site grading and stormwater management
- Extensive community outreach program spanning the life of the project
- Compliance with federal regulations for this federally funded project

SERVICES

Preliminary surveys and site investigations
 Project scoping documents
 Hazardous materials
 Environmental compliance
 Permit coordination and approvals with federal, state, and local officials
 Site remediation and restoration
 Design and bid specifications
 Bid phase support
 Construction oversight
 Close-out documentation
 Project outreach and participation

KEY PERSONNEL

Steven Benosky
 Peter Black
 Thomas Cumella
 Craig Johnson
 Corey Nachshen
 William Pendexter
 Daniel Rocha

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Asbestos Safety Control Monitoring Services

Various Locations, NJ

CLIENT

NJ Department of Military & Veterans Affairs

PROFESSIONAL FEE

\$80,000 annually

STATUS

Ongoing

TTI has maintained this state agency contract for three years. Previously, it was a state contract for Asbestos Safety Control Monitoring (ASCM) Services. Under this contract, TTI conducts asbestos surveys, abatement designs, abatement management, air monitoring, Indoor Air Quality evaluations and programs, radon testing and mitigation systems, mold testing, indoor environmental health assessments and lead-based paint evaluations and risk assessments at various armories throughout the state and at the Veterans Haven Hospital in Winslow Township.

TTI personnel maintain the following licenses relevant to this contract.

- American Industrial Hygiene Association – Asbestos Analyst Registry
- New Jersey Department of Community Affairs/ Bureau of Code Services – Licensed Asbestos Safety Technician
- New Jersey Department of Labor – Certified Contractor Supervisor
- U.S. Environmental Protection Agency – Asbestos Hazard Emergency Response Act (AHERA)- Certified Asbestos Building Inspector, Certified Asbestos Management Planner, Certified Asbestos Project Designer
- New Jersey Department of Health – New Jersey Lead Inspector/Risk Assessor

SERVICES

Hazardous materials

Environmental compliance

KEY PERSONNEL

James Guilardi

Michael Stocku

James Orgera

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

Name: Steven Benosky, PE

Title: Project Manager

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Member's Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (In Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
DEMOLITION CONSULTANT TERM CONTRACT, DPMC, Statewide, NJ; \$1,220,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Task Manager	48	15%	02/2014-02/2018	DPMC [REDACTED]
PORT AUTHORITY OF NY/NJ CIVIL ENGINEERING CALL-IN, New York/ New Jersey; \$3,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Task Manager/ Senior Engineer	168	20%	01/2005-present	Port Authority NY / NJ [REDACTED]
ENGINEERING TERM CONTRACT, NJ Turnpike Authority, Statewide, NJ; \$4,400,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Public Outreach	Project Engineer	48	15%	06/2015-present	Turnpike Authority [REDACTED]
GREYSTONE DAM REPAIR AND REMOVAL, Morris County, NJ; \$305,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Manager	29	15%	10/2006-12/2008, 10/2011-01/2012	NJ Economic Development Authority [REDACTED]
NJ TURNPIKE INTERCHANGE 8, East Windsor, NJ; \$19,250,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Senior Civil Engineer	37	15%	9/2008-11/2011	NJ Turnpike Authority [REDACTED]
NJ TRAINING SCHOOL SEWER, Monroe Township, NJ; \$217,800 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Engineer	26	20%	11/2010-02/2013	DPMC [REDACTED]
DIRECT CONNECTION INTERCHANGE, Camden County, NJ; \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Senior Civil Engineer	111	10%	11/2008-present	NJDOT [REDACTED]

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

Name: Peter Black, PE, CME

Title: Quality Assurance Manager

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (SI, SR, CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (in Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
DEMOLITION CONSULTANT TERM CONTRACT, DPMC, Statewide, NJ; \$1,220,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Project Manager	48	15%	02/2014-02/2018	DPMC [REDACTED]
PORT AUTHORITY OF NY/NJ CIVIL ENGINEERING CALL-IN, New York/ New Jersey; \$3,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Project Manager	100+	40%	1/1999-present	Port Authority NY/NJ [REDACTED]
SPEEDWELL REDEVELOPMENT, Morristown, NJ; \$1,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Quality Assurance Manager	03	5%	3/2006-03/2014	Mill Creek Residential [REDACTED]
NJ TRAINING SCHOOL SEWER, Monroe Township, NJ; \$217,800 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Manager	18	20%	11/2010-05/2012	DPMC [REDACTED]
DIRECT CONNECTION INTERCHANGE, Camden County, NJ; \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Task Manager - Utilities	111	10%	11/2009-present	NJDOT [REDACTED]
ENGINEERING TERM CONTRACT, NJ Turnpike Authority, Statewide, NJ; \$4,400,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Quality Assurance Reviewer	46	15%	5/2015-present	NJ Turnpike Authority [REDACTED]

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

Name: Thomas Cumello, PG

Title: Health & Safety Manager / Hazardous Building Materials Specialist

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (In Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
DEMOLITION CONSULTANT TERM CONTRACT, DPMC, Statewide, NJ; \$1,220,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Health & Safety Manager	48	5%	02/2014–02/2018	DPMC [REDACTED]
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER, Statewide, NJ \$14,700,00 (fee)	Dewberry	Program Management	Hazardous Materials Subject Matter Expert, Health & Safety	9	10%	3/2013–12/2013	NJDEP [REDACTED]
NYCEDC BUILD IT BACK PROGRAM, New York, NY; \$53,000,000 (fee)	Dewberry	Investigations, Scoping	Health & Safety Manager	52	10%	08/2013–01/2018	NYC Mayor's Office for Housing Recovery Operations [REDACTED]
NJDOT DEBRIS MANAGEMENT POST-SANDY Various Locations, NJ; \$155,000 (fee)	Dewberry	FEMA Reimbursement Compliance Support	Health & Safety Manager, Environmental Specialist	6	50%	11/2012–05/2013	NJDOT [REDACTED]
SITE ENVIRONMENTAL CONSULTANT SITE CLOSURE SERVICES, Various Locations, NJ; \$1,200,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Health & Safety Manager, Environmental Specialist	103	10%	01/2007–07/2015	NJ Schools Development Authority [REDACTED]
FEMA HMTAP SUSTANTIAL DAMAGE ASSESSMENTS, Jersey Shore Counties, NJ; \$4,100,000 (fee)	Dewberry	Investigations, Scoping	Environmental Specialist	63	20%	05/2013–08/2013	FEMA [REDACTED]
DIRECT CONNECTION INTERCHANGE, Camden County, NJ; \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Environmental Health & Safety Manager	93	10%	12/2009–09/2017	NJDOT [REDACTED]

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

Name: Zachary Davis, RPA

Title: Archaeologist

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (In Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
NJDEP ENVIRONMENTAL ASSESSMENT FIELD CONTRACTOR, Statewide, NJ: \$2,500,000 (fee)	Dewberry	Investigations	Archaeologist	31	15%	12/2015–07/2018	NJDEP [REDACTED]
NJDEP REBUILD BY DESIGN HUDSON RIVER, Hudson County, NJ: \$8,900,000 (fee)	Dewberry	Investigations	Archaeologist	26	40%	06/2015–08/2017	NJDEP [REDACTED]
NJDOT ENVIRONMENTAL TERM CONTRACT, Statewide, NJ: \$5,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Mitigation	Archaeologist	14	20%	01/2017–present	NJDOT [REDACTED]
NYC BUILD IT BACK PROGRAM, New York, NY: \$53,000,000 (fee)	Dewberry	Investigations	Archaeologist	38	20%	06/2015–08/2018	NYC Mayor's Office for Housing Recovery Operations [REDACTED]

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

Name: Mitchell Kreisher, PE

Title: Civil Engineer

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (In Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
DEMOLITION CONSULTANT TERM CONTRACT, DPMC, Statewide, NJ; \$1,220,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Civil Engineer	52	10%	10/2014-present	DPMC [REDACTED]
PORT AUTHORITY OF NY/NJ CIVIL ENGINEERING CALL-IN, New York/ New Jersey; \$3,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Civil Engineer	44	30%	06/2015-present	Port Authority NY / NJ [REDACTED]
ENGINEERING TERM CONTRACT, NJ Turnpike Authority, Statewide, NJ; \$4,400,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Public Outreach	Civil Engineer	26	15%	03/2016-05/2018	Turnpike Authority [REDACTED]
DIRECT CONNECTION INTERCHANGE, Camden County, NJ; \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Civil Engineer	41	15%	10/2014-03/2018	NJDOT [REDACTED]

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

Name: Michael Ince, PE, LEED AP

Title: Civil Engineer

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (In Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
SITE CLOSURE TERM CONTRACTS, Various Locations, NJ \$1,200,000	Dewberry	Design, Permitting, Construction Phase Services	Civil Engineer	77	10%	12/2011–04/2018	NJ Schools Development Authority [REDACTED]
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Civil Engineer	20	15%	12/2011–08/2013	Mill Creek Residential [REDACTED]
THIRD & VALLEY REDEVELOPMENT, South Orange, NJ \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Civil Engineer	21	20%	10/2012–06/2014	Jonathan Rose LLC [REDACTED]
MOUNTAIN CREEK ON-CALL CIVIL ENGINEERING AND SITE PLANNING SERVICES Vernon, NJ \$125,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	24	20% (not continuous)	12/2011–present	Mountain Creek Development [REDACTED]
WAYNE TOWNSHIP BOARD OF EDUCATION ON-CALL ENGINEERING SERVICES, Wayne, NJ \$125,000 (fee)	Dewberry	Investigations, Scoping, Design, Construction Phase Services	Civil Engineer	52	15% (not continuous)	03/2013–10/2017	Wayne Township Board of Education [REDACTED]
HOPE TOWER, Neptune, NJ, \$1,500,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Civil Engineer	48	20%	01/2015–01/2019	Jersey Shore University Medical Center [REDACTED]

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

Name: Daniel Rocha, PE

Title: Civil Engineer

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (In Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
DEMOLITION CONSULTANT TERM CONTRACT, DPMC, Statewide, NJ; \$1,220,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Civil Engineer	11	10%	02/2014—01/2015	DPMC [REDACTED]
NJ TRAINING SCHOOL SEWER, Monroe Township, NJ \$217,800 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	16	20	11/2010—3/2012	DPMC [REDACTED]
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	Design, Permitting	Civil Engineer	8	15 (not continuous)	05/2008—12/2011	Mill Creek Residential [REDACTED]
PORT AUTHORITY OF NY/NJ CIVIL ENGINEERING CALL-IN, New York/New Jersey; \$3,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Civil Engineer	141	40%	06/2007—present	Port Authority NY/NJ [REDACTED]
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Design, Permitting	Civil Engineer	108	10	02/2010—present	NJDOT [REDACTED]
NJ TURNPIKE INTERCHANGE 8, East Windsor, NJ \$19,250,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Civil Engineer	41	15% (not continuous)	9/2008—02/2012	NJ Turnpike Authority [REDACTED]

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KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

Name: Corey Nachshen

Title: Hazardous Building Materials Specialist

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (In Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
DEMOLITION CONSULTANT TERM CONTRACT, DPMC, Statewide, NJ; \$1,220,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Hazardous Materials Specialist	48	10%	02/2014-02/2018	DPMC [REDACTED]
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER Statewide, NJ \$14,700,000	Dewberry	Program Management	Hazardous Materials Specialist	3	30%	04/2013-07/2013	NJDEP [REDACTED]
NYC BUILD IT BACK PROGRAM, NJDOT, Statewide, NJ; \$53,000,000 (fee)	Dewberry	Investigations, Scoping	Hazardous Materials Specialist	63	15%	7/2013-10/2018	NYC Mayor's Office for Housing Recovery Operations [REDACTED]
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	Investigations, Scoping	Hazardous Materials Specialist	4	30%	06/2012-10/2012	Mill Creek Residential [REDACTED]
SITE ENVIRONMENTAL CONSULTANT AND SITE CLOSURE SERVICES TERM CONTRACT, REDSHAW SCHOOL, Statewide, NJ \$1,200,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Project Manager	87	10%	11/2011-present	NJ Schools Development Authority [REDACTED]
MARCAL PLANT ASBESTOS SERVICES, Elmwood Park, NJ \$75,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Manager	72	20%	01/2013-01/2019	Soundview Paper Company [REDACTED]
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Hazardous Materials Task Leader	77	10%	01/2012-06/2018	NJDOT [REDACTED]

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KEY MEMBER PROJECT EXPERIENCE DATA SHEET

Name: Michael Stocku

Title: Hazardous Building Materials Specialist

Firm: TTI Environmental, Inc.

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (In Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
ENVIRONMENTAL ASSESSMENT FIELD CONTRACTOR, \$113,000 (fee)	Dewberry	Investigation (Asbestos and Lead Based Paint inspections)	Project Manager	48	20	2/2014-10/2018	Dewberry [REDACTED]
DEMOLITION CONSULTANT TERM CONTRACT, DPMC, Statewide, NJ; \$200,000 (fee)	CDM Smith	Investigation (Asbestos and Lead Based Paint inspections)	Project Manager	48	20	1/2014-9/2018	CDM Smith [REDACTED]
NJ DPT. OF MILITARY & VETERANS AFFAIRS, SG205 NATIONAL GUARD TRAINING CENTER, A/E Services for Boiler Replacement Design. \$10,428.00 (fee)	The DaVinci Group	Investigation, Design (Hazardous Materials Survey and Abatement Specification)	Project Manager	4	20	3/2017-7/2017	The DaVinci Group [REDACTED]
NJ DPT. OF MILITARY & VETERANS AFFAIRS, MP601 Design Services for Automatic Transfer Switches Menlo Park. \$5,200.00 (fee)	The DaVinci Group	Investigation, Design (Asbestos Inspection and Abatement Specification)	Project Manager	3	20	9/2016-12/2016	The DaVinci Group [REDACTED]
NJ DPT. OF MILITARY & VETERANS AFFAIRS, WY008 Design & Replacement of Boiler and Heating System Woodbury Armory. \$15,155.57 (fee)	The DaVinci Group	Investigation Design (Hazardous Materials Survey and Abatement Specification)	Project Manager	7	20	9/2016-4/2017	The DaVinci Group [REDACTED]

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KEY MEMBER PROJECT EXPERIENCE DATA SHEET

Name: William Pendexter, PhD, PG, LSRP

Title: Senior Environmental Scientist (LSRP)

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (In Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
NJ TRANSIT ENVIRONMENTAL TASK ORDER CONTRACT Statewide, NJ \$5M max/term	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Hydrogeologist / LSRP	103	15	8/2010-present	NJ TRANSIT [REDACTED]
MTA-NYC TRANSIT ENVIRONMENTAL WORK ORDER CONTRACT CM-1518, New York, NY \$7,000,000 (fee max)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Hydrogeologist / LSRP	68	15	07/2013-present	MTA-NYC Transit [REDACTED]
WASTE MANAGEMENT WORK ORDER CONTRACT, Statewide, PA \$1,500,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Hydrogeologist	92	15	07/2011-present	PennDOT [REDACTED]
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	LSRP Services, Groundwater Monitoring	Senior Hydrogeologist / LSRP	96	5	03/2011-present	Mill Creek Residential [REDACTED]
WAYNE TOWNSHIP BOARD OF EDUCATION ON-CALL ENGINEERING SERVICES, Wayne, NJ \$125,000 (fee)	Dewberry	Investigations, LSRP Services	Senior Hydrogeologist / LSRP	31	15	10/2012-05/2015	Wayne Township Board of Education [REDACTED]

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Name: Kelly Rosofsky, EIT
Title: Reimbursement Compliance
Firm: Dewberry

Firm: Dewberry

Project Title Location and Total Construction Cost or Fee	A/E Record for this Referenced Project	Specific Type of Work Experience (St., Sch., CA)	Team Members Specific Role or Title on the Referenced Project	Duration of Team Member's Involvement (in Months)	% of Time During Duration Based Upon A 40 Hour Week	Dates of the Team Member's Involvement in the Project	Client Name Contract Person and Phone Number
NJDOT OFFICE OF MARITIME RESOURCES TERM AGREEMENT, Statewide, NJ: \$3,000,000 (fee)	Dewberry	Federal Reimbursement Support	Reimbursement Specialist	34	20%	08/2014-06/2017	NJDOT [REDACTED]
NJDOT OFFICE OF MARITIME RESOURCES TERM AGREEMENT, Statewide, NJ: \$5,000,000 (fee)	Dewberry	Federal Reimbursement Support	Reimbursement Specialist	13	20%	01/2018-present	NJDOT [REDACTED]
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGEMENT, Statewide, NJ: \$14,700,000 (fee)	Dewberry	Federal Reimbursement Support	Reimbursement Specialist	5	40%	03/2013-08/2013	NJDEP [REDACTED]
NYC BUILD IT BACK PROGRAM, New York, NY: \$53,000,000 (fee)	Dewberry	Federal Reimbursement Support	Reimbursement Specialist	12	25%	02/2015-02/2016	NYC Mayor's Office for Housing Recovery Operations [REDACTED]

Section 4: Term Contract Rate Schedule by Personnel Level



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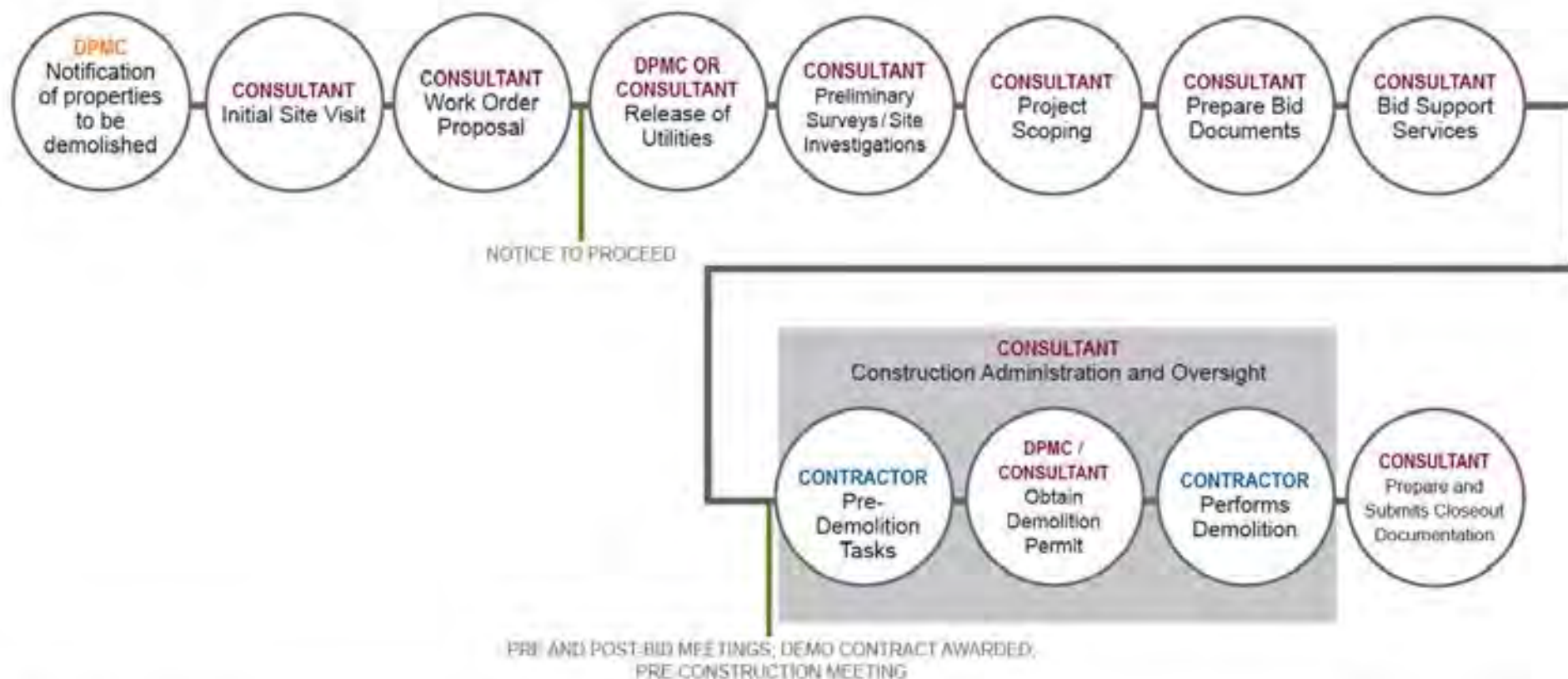
PROJECT APPROACH TO SERVICES ON A TYPICAL PROJECT ASSIGNMENT

1. Notification of properties to be demolished

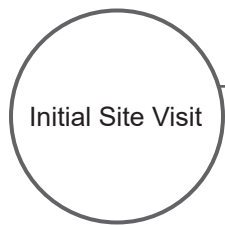
DPMC will notify Dewberry regarding a Work Order and will provide a DPMC Work Order Number / Title and Location; Scope of Work; and potentially existing site data (such as the PCI and survey if available), assignment specifications, proposed schedule or completion dates, and other specifics.

Personnel Responsible

- Project Manager



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2. Initial Site Visit

Access will be granted for a senior-level professional to perform the initial site visit, using a standard Initial Site Visit Checklist that has been tailored to this specific Work Order. To streamline the Work Order activities, the purpose of this initial site visit will be to obtain information for the Work Order proposal as well as information that will reduce the need for subsequent site visits (except for environmental testing). The Initial Site Visit Checklist will include:

- Type of house and number of stories; wood frame; wood frame with brick; cinder block vs concrete foundation; basement/slab/crawlspace; roof type; siding type (wood/composite/probable asbestos).
- Approximate age; lot and house square footage; tree sketch location if near house; relevant exterior surface features such as berms; retaining wall; swimming pool; other structures; pavement areas (concrete and asphalt). [For properties where surveys have been performed detailed information in this regard will not need to be collected.]
- Photo documentation of exterior and interior (if safe to enter).
- Utilities – determine if there is septic (individual) or sewers (to be confirmed later). If a natural gas meter is present, record location and information on gas meter. Record location of water meter.

If there is a well tank (hydropneumatic tank), record the location and if a pump is present.

If no pump is present, record the information of a sticker on the tank or wall above the tank indicating the type and depth of a submersible pump (well pump installers usually provide this information on a sticker). Attempt to locate the well head outside; photograph and sketch location. If it is probable that the house is serviced by a septic system (or cesspool) attempt to locate a surface feature such as an access pipe, manhole cover or lid, or some other marker.

A rectangular raised mound indicates a raised disposal bed and will confirm the presence of a septic system.

- Heat – steam; hot water; forced air; radiant; type of heating unit gas/oil/propane; presence of AST (oil or propane)—interior or exterior. Presence of oil stains adjacent to AST.
- Air Conditioning – confirm the presence of a central A/C condensing unit and any other items on the property containing CFCs (window/wall A/C units or refrigerators/freezers).
- Record the presence/absence of a hot water heater – gas or oil fired, or electric.
- Presence of lead paint – will be assumed based upon age of house.
- Presence of probable ACM-(visual only, to be

verified during preliminary Surveys and Site Investigations).

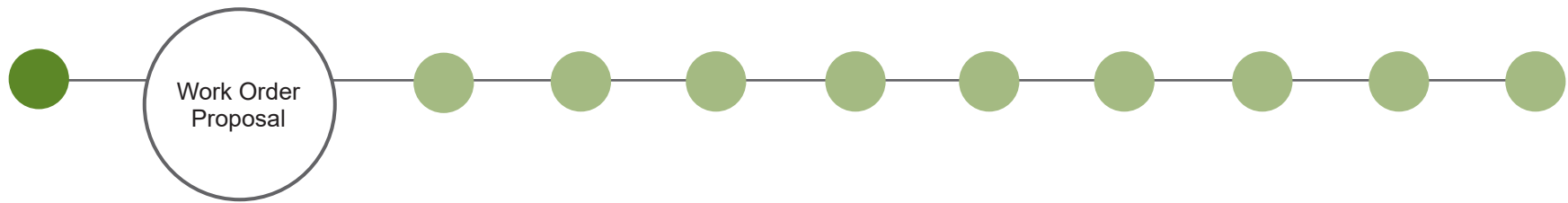
- Presence of noticeable signs-(e.g., visual, olfactory) of a potential petroleum or suspected hazardous substance discharge

All initial site visit information will be recorded on forms developed by Dewberry.

If the house is judged to be unsafe to enter, DPMC will be notified immediately and an assessment will be made based upon best available information that can be determined.

Personnel Responsible:

- Senior Level Engineer



3. Submission of Work Order Proposal

Based upon the information obtained during the Initial Site Visit, we will prepare a Work Order Proposal for each structure or group of structures to be demolished as per DPMC. The Work Order Proposal will be prepared on the Work Order for Term Contract Assignment (TC-004) Form and supported by a detailed proposal with information including, but not limited to, the scope of services, fee breakdown, deliverables, and schedule milestone dates. As requested by DPMC, we will provide supplementary information including, but not limited to, team organization, staffing, subconsultants, and relevant experience. Dewberry will submit the Work Order Proposal within four days of completion of the Initial Site Visit(s).

Supporting DPMC

In addition to our 11 work orders under TC-008, Dewberry has supported DPMC under multiple Floodplain Study Mapping Services Term Contracts. We understand the work order procurement process.

We completed

11 WORK ORDERS for
141  homes
under TC-008

Personnel Responsible:

- Project Manager
- Quality Assurance Manager

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4. Release of Utilities

Utility disconnects, including proper communications with the utility companies, are perhaps the most important item on the critical path for the demolition projects. On recent TC-008 work orders the DPMC has developed an effective procedure in which the DPMC handles the utility disconnect process. The DPMC is able to start the process prior to the A/E obtaining Notice to Proceed which reduces the overall project duration. As part of these procedures, the DPMC has developed specific contacts at key utilities to expedite this work. Before this procedure was put in place, Dewberry handled the utility disconnects for several work orders for TC-008 and will use this experience and incorporation of the DPMC procedures to expedite the utility disconnect process if required for TC-004 work orders following the procedures outlined below.

As soon as a Notice to Proceed is issued, Dewberry will begin the utility disconnection process. Water, gas, sewer, telephone, cable, and electric utility services must be disconnected prior to the demolition of the dwelling units and associated structures. Utility clearances must be obtained before applying to the DPMC / NJDCA for the building demolition permits.

In general, a service removal request is submitted to the utility provider, the utility provider will coordinate access to the site and remove any associated meters and appurtenances. Upon completing the removals the utility company will issue a Completion Letter

to the applicant for use when submitting a Building Demolition Permit.

PSE&G (Gas and Electric) requires a “PSE&G Service Removal Request Form” be submitted to the PSE&G Demolition Group. Upon review of the application, PSE&G will create a project and contact Dewberry to make an appointment for the removal of gas and electric meters and services for the building. Once the Demolition Group has received verification from the construction departments that all necessary removal work has been completed, a Completion Letter will be sent to Dewberry. Our experience indicates that PSE&G service removals typically require four to six weeks to complete. Therefore this item will be on the critical path to complete the demolition.

New Jersey Natural Gas and Elizabethtown Gas have similar processes to PSE&G. New Jersey Natural Gas has a “Work Request Form – Demolition” and Elizabethtown Gas has an “Online Service Termination Form” that must be submitted. A Completion Letter will be provided upon completion of the gas meter and service removal.

Gas service removals may require a Road Opening Permit (ROP) to cap the gas service. The utility will determine if one is required or not. If a ROP is required it can take several weeks to obtain the permit depending on the municipality, and permits for state and county roads could take longer.

Jersey Central Power & Light (JCP&L) requires that

requests for the removal of their electric facilities be made in writing. A letter containing all the required information and requesting all associated removals must be faxed to JCP&L. JCP&L will then coordinate access to the dwelling with the applicant, remove the electric service, and issue a Completion Letter.

SUEZ Water requires a “Demolition Letter Request Form” be submitted to the Suez Water Engineering Department. Upon submitting the request form, an appointment is scheduled with SUEZ Customer Service for the water meter to be removed. Once the account is finalized and the meter is removed from the property, the contractor is required to disconnect (cut and cap) the water service on the property. After the disconnection is witnessed and completed, SUEZ Water will issue a Completion Letter.

New Jersey American Water (NJAW) demolition letter requests are completed via Customer Service. Upon receiving the request, NJAW will remove the meter and cap the service. After the disconnection is completed a Completion Letter will be issued.

Many smaller municipal water and sewer utilities follow a less formal process for the disconnects, but nonetheless require proper notification to perform the work.

We will also address the disconnection of telephone and cable services.

This process is the most critical portion of the

demolition phase as we will be relying on both public and private utility companies to react in a timely manner. Therefore, this task requires immediate initiation with follow-up through the pre-demolition phase as the State's demolition contractor will be required to cap and plug water and sewer connections that are not addressed by private utility companies before a demolition permit can be obtained.

Personnel Responsible:

- Civil Engineers

5. Preliminary Surveys and Site Investigations

Preliminary surveys and site investigations will be conducted on the structures specified in the Work Order. We will conduct hazardous materials survey, archaeological review (if required), and a floodway determination for Flood Hazard Area Permit applicability. This task may also include a subsurface geophysical survey.

Hazardous Materials Survey

The hazardous materials survey will include testing services for Asbestos Containing Material (ACM) that will require special health and safety considerations prior to the demolition of the applicable structure. It is assumed that all painted surfaces contain lead and are discussed in further detail below. Following field work and receipt of bulk ACM sample analyses from the laboratory, we will generate a report of our findings for each applicable structure.

Asbestos Containing Materials Survey

We will schedule our ACM investigations while waiting for the work order notice-to-proceed, so we can begin this work immediately after the work order is approved. Our Hazardous Materials/Buildings Key Personnel will perform a visual investigation and sampling of suspect ACM throughout each applicable to determine the location of each ACM within each structure. Our survey will include an evaluation of both friable (reduced to powder by hand pressure) and non-friable materials, including thermal system

insulation, surface coatings, tiles and miscellaneous materials. On occasion, we will be required to conduct **selective interior demolition into components, such as chases and soffits, to complete visual inspections and sampling activities.**

Repairs to affected surfaces will not be made as the structures are assumed to be in a pre-demolition condition.

We will provide an EPA AHERA-certified inspector to survey the facility for suspect ACM. The inspector training will conform to Toxic Substances Control Act (TSCA) Title II, the AHERA. Suspect ACM will be identified, sampled, and submitted for laboratory analysis under proper chain of custody procedures.

AHERA defines three types of suspect ACM, which can be found in friable or non-friable condition:

1. Thermal System Insulation (TSI): materials that resist heat flow (e.g., boiler, duct and pipe insulation);
2. Surfacing Materials (SMs): materials that are mixed onsite, rather than manufactured, and applied by spray or trowel (e.g., fireproofing and various plasters); and,
3. Miscellaneous Materials (MMs): materials that are neither TSI or SMs (e.g., ceiling tiles, floor tiles, gypsum board).

The number of samples collected per site will depend

on the following factors:

- Number of different suspect materials present and the quantity of each material;
- building materials incorporated into construction;
- past renovations of the structure;
- previous abatement activities; and
- size of the structure.

Typical sample media will include roofing material, gypsum wall board, plaster, window glazing and caulk, transite panels/siding, TSI, boiler insulation, electrical insulation, fire proofing, vinyl floor tile and mastic, caulking, and both acoustical and ceiling tiles.

The DPMC Blue Acres program has developed a procedure to prepare composite wall board and plaster samples for ACM analysis. This procedure has resulted in significant savings to the Blue Acres program and we will continue using this procedure where applicable.

Friable bulk samples of suspect ACM will be collected and submitted for laboratory analysis by Polarized Light Microscopy (PLM). Resilient non friable organically bound (NOB) materials, such as floor tiles and roofing materials, will require gravimetric reduction prior to PLM analysis. If the PLM analysis of NOB samples is negative, Transmission Electron Microscopy (TEM) will be used to confirm negative and inconclusive results, pursuant to the recommendation of the EPA and State of New Jersey

for asbestos identification per NJAC 12:120, Asbestos Licenses and Permits.

Lead-Based Paint Survey

It is our understanding that the structures being demolished under this contract will primarily be residential structures. Therefore, disturbances of paint containing detectable levels of lead during demolition activities are subject to the OSHA Lead in Construction standard (29 CFR 1926.62), as well as all EPA and State hazardous waste disposal regulations. Under these guidelines, LBP is defined as having 5,000 parts per million (ppm) of lead or greater. Given the anticipated age of these structures, it is anticipated that detectable levels of lead will be present in various onsite painted components as paint is still permitted to be manufactured containing lead in concentrations of up to 600 ppm. Since the structures are being demolished and will no longer be occupied, demolition activities are not subject to HUD guidelines for lead based paint.

Current federal and state regulations do not require that materials coated with detectable levels of lead be removed prior to demolition. However, activities involving the removal of paint with detectable levels of lead may require respiratory protection and medical surveillance in addition to OSHA required lead training. Contractors working at the site will be advised through technical specifications that paint with detectable levels of lead is likely present and that appropriate personal protective equipment (PPE) and demolition procedures should be used and followed as

required by regulations.

In addition, all wastes generated as part of the demolition will be tested in order to determine the classification of the various waste streams. The EPA defines hazardous lead waste as waste containing at least 5 ppm of lead identified by the Toxicity Characteristic Leaching Procedure (TCLP) which is required for proper waste classification.

Site Investigation

For TC-008 the majority of the environment site assessments were performed prior to closing on the property. However, if noticeable signs (e.g., visual, olfactory) of a potential petroleum or suspected hazardous substance discharge to the environment are identified, investigation of the suspected discharge may be necessary. Investigation of potentially contaminated soils will be conducted in conformance with the Technical Requirements for Site Remediation (TRSR, NJAC 7:26E), the NJDEP Field Sampling Procedures Manual (2005, updated April 11, 2011) and other applicable guidance documents.

If an initial Site Investigation (SI) is deemed necessary, it likely will entail the collection of a limited number of soil samples within the area of the suspected release in order to determine whether there are contaminants of concern above the applicable soil remediation standards (NJAC 7:26D) or screening levels. Initial soil samples collected as part of this SI will be analyzed for the most likely types of contaminants potentially released based on our observations at the subject property. If, upon

the review of the laboratory analytical data, we determine that no targeted compounds are present above applicable soil standards and screening levels, no additional investigation or remediation will be warranted. If however, these data indicate the presence of a targeted compound believed to have originated from the suspected release (not a home heating oil UST), additional investigation or remediation will be warranted. Under these conditions, and in coordination with the DPMC, a release will be reported to the NJDEP Spill Hotline, and all future investigation and remediation activities will be conducted with Licensed Site Remediation Professional (LSRP) oversight.

Archaeological Review

For TC-004, the majority of the archaeological reviews have been performed by the NJDEP prior to purchase of the properties. In addition, the demolition contractor is required to follow the FEMA guidelines - Best Practices for Lower Impact Debris Removal and Demolitions, including minimizing soil disturbance and other activity specific guidelines. If required we will perform archaeological reviews for the properties in the work order as is described below.

As a federally funded project, this undertaking is required to comply with Section 106 of the National Historic Preservation Act (NHPA). Review of the potential impact on cultural resources is warranted. Such review would include review of proposed project plans and site conditions for project-related impacts to known and potentially unknown archaeological

resources. Physical impacts include surface and or subterranean project impacts including demolition of buildings and site improvements, removal of utility service connections, excavation, backfilling, grading, removal and disposal of site and demolition debris, decommissioning of water wells and closing of sewerage disposal systems. In addition, historic review is required for the removal of uprooted trees and woody debris within cemeteries; battlegrounds; historic landscapes; historic parks; undisturbed land; and historic districts (excluding public right-of-ways).

The purpose of the historic review is to verify that there are no adverse effects to historic properties as a result of the demolition practices. To minimize the potential to encounter archaeological resources, archaeological buffer zones would be established by a Secretary of Interior (SOI)-qualified archaeologist in areas that contain previously identified historic properties and areas of archaeological sensitivity. Resumes of the principal archaeologist(s) administering the buffers will be submitted to the NJHPO for approval. Based upon the protocols developed with NJHPO for the Blue Acres Buy-Out Program, we will consult with NJHPO and regulatory agencies throughout the work order.

The goal of the buffer zones is to provide a level of protection to avoid impacting archaeological resources and allow demolition services to proceed without delay. An SOI-qualified archaeologist will review the project plans with a focus on ground disturbing activities that could potentially impact archaeological resources. Based on the review of the

proposed actions and relation to previously identified archaeological sites and archaeologically sensitive areas, an established buffer zone will be created. This buffer zone will be mapped and provided to the contractor prior to demolition activities. No ground disturbing practices will be performed within the buffer zone. In the event archaeological resources are encountered at any time, the contractor will cease work immediately and proper agencies will be contacted.

Specific tasks associated with this scope of work include:

- Review of NJDEP GIS database for previously designated (known) historic properties;
- Review of New Jersey State Museum, Bureau of Archaeology and Ethnology archaeological site files for previously recorded archaeological sites within the project area;
- GIS mapping of all established archaeological buffer zones; and
- Creation of “Demolition Archaeological Work Plan and Protocol Procedures.”

Flood Hazard Area Permit Applicability

FEMA and NJDEP mapping will be consulted to determine if the structure is in a Flood Hazard Area (FHA) or floodway. Typically demolitions of structures such as those in the Blue Acres Program do not require a Flood Hazard Area permit.

Subsurface Geophysical Survey

If the Initial Site Visit determines there is a potential for USTs, a septic field, or other subsurface features based on the structure’s heating source, sewage discharge (septic or sewer), and visual inspection of the property, a Ground Penetrating Radar (GPR), Magnetometer, or Electromagnetic survey will be conducted to identify and locate subsurface anomalies. The survey will encompass all accessible areas of the site to identify detectable subsurface structures. The results of the geophysical survey will be evaluated to identify features that need to be addressed as part of demolition or remediation design and subsequent activities. We understand that USTs are to be removed before the property is issued for a TC-004 work order.

On most previous TC-008 work orders, the land survey performed by DPMC was able to identify the majority of these features, but GPR can be used as an alternative means if the survey does not locate all subsurface features.

Personnel Responses:

- **Project Manager**
- Environmental Specialists (conducts field investigation)
- SOI- qualified Archaeologist (performs archaeological review), if required
- Site investigation personnel, if required
- Geophysical contractor engaged by Project Manager
- Civil Engineer (performs FHA permit applicability)

6. Project Scoping

Following the completion of our Preliminary Survey and Site Investigation, a project scoping document will be prepared for each structure and will include survey observations, data collected, and analytical results. This document will summarize the activities completed, methodologies utilized, samples collected, and applicable laboratory results. The Project Scoping Document report will include:

Property Description

Provide the property description, survey, photos, and other information obtained during the Initial Site Visit and Preliminary Survey and Site Investigation.

Utilities

Provide the utility history and disconnection information.

Hazardous Materials

Summarize results of the hazardous materials survey, including details regarding ACM, LBP, CFCs, PCBs, and universal waste. Estimates of quantities and recommendations for addressing each material identified at the property will be included with the bid specifications so that the contractors will be able to provide accurate bids for the handling of Hazardous Materials as part of demolition activities for each structure.

Archaeological

If archaeological resources were identified, the SOI-qualified archaeologist(s) will establish,

at a minimum, a 50-foot radial buffer around the resource. Based upon the SOI-qualified archaeologist's professional judgment, this buffer may be expanded and/or contracted due to various criteria such as the size of the resource.

Well (if present)

Provide well information obtained during the Initial Site Investigation and provide the "NJDEP Well Decommissioning Report" form for submission to the NJDEP. If a well is identified, we will engage a licensed well driller during the construction phase to decommission the well.

Septic

Furnish septic system information obtained during the Initial Site Investigation and provide for abandonment in accordance with NJAC 7:9A-12.8 Abandoned Systems. The contractor will need to provide documentation that the Septic System is pumped and filled during the demolition process.

Permits Obtained by the Consultant

Soil Erosion and Sediment Control (SESC) Permit

Demolition activities with accompanied soil disturbance of 5,000 square feet or greater require SESC plan certification by the local soil conservation district prior to the issuance of a demolition permit. Demolition of some structures may exceed this disturbance when considering the removal of driveways, walkways, porches, decks and other ancillary structures in addition to the structure itself.



Dewberry has served the New Jersey Schools Development Authority on Site Consultant Services Term Contracts since 2004, with TTI as our subconsultant during many of those years. Our work includes predesign services, boundary and topographic survey, utility availability and capacity analyses, traffic impact evaluation, environmental support services, hazardous building material survey, geotechnical engineering, site/civil engineering, stormwater management investigation, noise studies, and environmental remediation and oversight for school building demolition and construction projects.

Areas must also be added for construction equipment disturbance as part of the demolition. For TC-008 Dewberry helped develop an expedited review process with the local soil conservation districts.

In addition, the Blue Acres Program developed a soil erosion and sediment control review exclusion policy with the Department of Agriculture and implemented procedures to limit land disturbance which greatly limits the need to obtain SESC permits.

Flood Hazard Area Permitting

In the case of demolition/removal of a structure within a floodway, that is not eligible for the Permit by Rule b(2), we anticipate that the NJDEP would issue an emergency or expedited permit that would meet the requirements for a Flood Hazard Area Individual Permit (IP). Under several TC-008 work orders, Flood Hazard Area permits were obtained by the NJDEP in advance of demolition activities. If this is not done, the 90- to 120-day review period for a Flood Hazard Area IP would push a task out of the 90-day schedule. For the IP, we would document that the action would properly stabilize disturbed areas and that no or minimized vegetation will be cleared in the riparian zone. We do not anticipate preparing hydraulic analyses to demonstrate that the removal will not affect other properties.

Personnel Responsible:

- **Project Manager**
- **Civil Engineers (permitting specialists)**
- **Environmental Specialists**
- **SOI-qualified Archaeologist**

7. Prepare Bid Documents

With Project Scoping Documentation (which will be part of the bid documents) complete, a bid specification package will be prepared for DPMC to solicit demolition contractors. This package will include a demolition plan, as well as, administrative and general requirements of the work to be completed, and will outline the responsibilities of the contractor, owner, and owner's representative/construction manager.

Since the scope of the specifications can vary widely—and potentially include environmental remediation, utility disconnections, well closure, and septic tank/field closure in addition to demolition activities—a comprehensive bid specification has been developed as part of TC-008 that encompasses all potential components. Dewberry, in conjunction with the DPMC, had primary responsibility for development the current comprehensive bid specification. This specification will be tailored to each structure for demolition based on the information collected during our Initial Site Visit and Preliminary Survey and Site Investigation activities. This approach provides consistency and familiarity throughout all bid specifications, improving contractor responsiveness and competitiveness of their bids. General items within the bid specifications and plans would include:

- Demolition of building and site improvements, including allowed demolition techniques and pre-demolition checklist;

- ACM reports
- Obtaining additional permits other than those that are the responsibility of the consultant, including plumbing (for utility disconnections), asbestos, AST removal, and others;
- Required dates for pre-demolition tasks;
- Vector control (mammals including rodents, birds, insects);
- Removal of utility service connections: disconnection of water and sewer services not performed by the utility companies and removal of utility lines following decommissioning, where required;
- Excavation, backfilling, and grading with use of recycled materials where possible and allowable by regulation;
- Removal and disposal of site and demolition debris including waste segregation, classification and disposal as well as proper waste facility selection for classified waste;
- ACM and LBP abatement, including proper enclosure, monitoring, disposal, and certification requirements;
- Regulated Asbestos Containing Materials (RACM) abatement / demolition (i.e. structures where asbestos cannot be tested, so presence of asbestos is assumed), including proper monitoring, disposal, and certification requirements;
- Removal of AST(s), post removal sampling if evidence of a spill exists, and proper venting and removal of waste liquids;
- Precautions for protection of water wells;
- Closing of sewerage disposal system, including septic tank and system removal in accordance with NJAC 7:9A-12.8;
- Archaeological buffer zone mapping, if applicable;
- Certification regarding ACM removal, clean fill material, and topsoil material; and
- Surveys, fence sheets, and photo sheets with property specific information.

The specifications will also provide the project requirements to be adhered to by the demolition contractor, including applicable environmental regulatory requirements pertaining to any ACM, LBP, PCB, and dust that may be present. Specific items to be addressed in the specifications will include such items as:

- Performance-based technical specifications;
- Work description and project approach;
- Use of premises and project coordination;
- Phasing and sequencing of work;
- Protection of existing equipment and utilities;
- Access availability;
- Concrete and metal recycling, if possible;



Dewberry has supported the New York State Governor's Office of Storm Recovery (GOSR) under a series of contracts, and also supports local governments implementing projects funded by HUD's CDBG-DR program through GOSR. At the project pictured here, our assessment and design work will harden Suffern's Water and Wastewater Treatment Plant by relocating vulnerable equipment, electrical modifications, and various flood proofing strategies to prevent or minimize water infiltration.

- Required notices and submittals;
- Hazardous material abatement;
- Air monitoring;
- Minimum worker safety requirements;
- Work containment requirements;
- Minimum requirements for project completion; and
- Demolition Archaeological Work Plan and Protocol Procedures, if desired by NJDEP.

Our schedule allows for bid documents to be reviewed by the DPMC prior to documents being finalized.

Cost Estimate

During this phase of the work, we will prepare a construction cost estimate for the demolition work. Our estimates will be based on project specifics (i.e. size of structures, quantity of ACM to be abated, complexity of site work, location specifics including waterfront work requiring barges) along with comparisons to our database of historical demolition costs. Developing accurate cost estimates is critical to having the job proceed from bid phase to completion without cost irregularities which could slow down the project. The cost estimates will be broken down into four principal categories for ease of comparison with contractor schedule of values: Hazardous Materials (i.e. ACM), Demolition, Site Work, and Piling Removals (for waterfront projects only).

Personnel Responsibilities

- Project Manager
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist
- Construction Inspector (reviewer)
- Quality Assurance Manager (reviewer)

8. Bid Support Services

Dewberry proposes the following activities during the Bidding and Contract Award Phase:

- Chair Pre-Bid Conference/Site Visit
- Prepare Bulletins
- Respond to contractor questions, clarifications, and RFIs
- Develop bid addenda, if required
- Perform post bid review, arrange, and attend the post-bid meeting, and provide a recommendation for contract award

Personnel Responsible

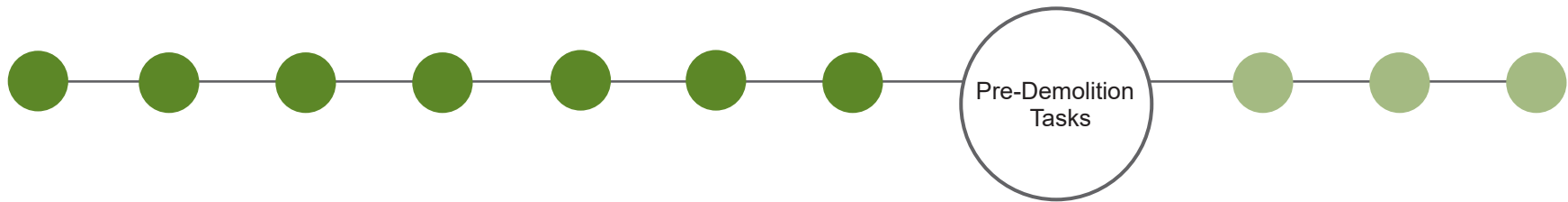
- Project Manager
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist

BID SUPPORT FOR 125-ACRE HEALTHCARE CAMPUS

Dewberry provided bid phase support services, including pre-qualification and solicitation of contractors, scheduling and conducting pre-bid meetings, fielding and issuing responses to contractor questions, preparation of bid document bulletins and addenda, performing post-bid reviews, contract negotiations and owner review meetings, and recommendations and notifications for contract awards, for this 125-acre healthcare campus in Voorhees, New Jersey. This new 680,000-square-foot hospital and 315,000-square-foot ambulatory care center required demolition of 12 homes. The project encompassed approximately 60 acres of site development including campus roadways, parking areas, stormwater management facilities and passive recreation areas. Dewberry's design included ten infiltration basins, 40 acres of wetlands, vegetated swales, and numerous rain gardens to manage peak run-off, treat stormwater, and promote groundwater infiltration. We were responsible for obtaining a long list of permits and approvals, including an NJDOT Major Access permit and Planning Review, Pinelands Commission approval, and NJDEP Flood Hazard Area and Wetlands permits. The campus design, offsite roadway improvements, and regional pumping station required preparation of more than 500 plan sheets.



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9. Pre-Demolition Tasks (following award to a contractor)

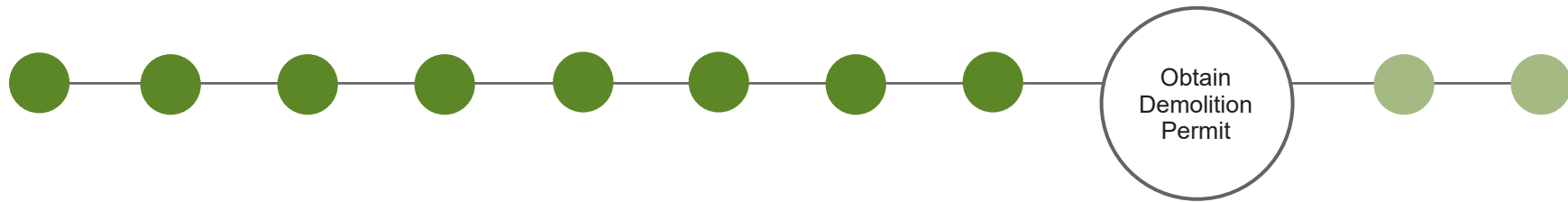
Tasks to be performed by the contractor prior to Consultant/DPMC obtaining Demolition Permit may include:

- Cut and cap sewer and water (licensed plumber and permit may be required from DPMC/NJDCA);
- Pre-demolition notices (typically provided by the DPMC, however the contractor or consultant could be responsible for this);
- Asbestos abatement including notifications and certification (if required);
- Verify utilities released;
- Vermin eradication and certification; and
- Archaeology impact reviews (if required)

Consultant oversight is important during this phase as critical work must be performed by the State's contractor (and subcontractors) in order to obtain the necessary certifications and releases required to obtain a demolition permit.

Personnel Responsible:

- Project Manager
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist



10. Obtain Demolition Permit

Dewberry, in coordination with the DPMC and the State’s contractor, will obtain the Demolition Permit for the project once the asbestos is cleared, the utilities are disconnected, and vermin eradication is performed. The following items will be documented and submitted to the DPMC for issuance of the demolition permit by NJDCA:

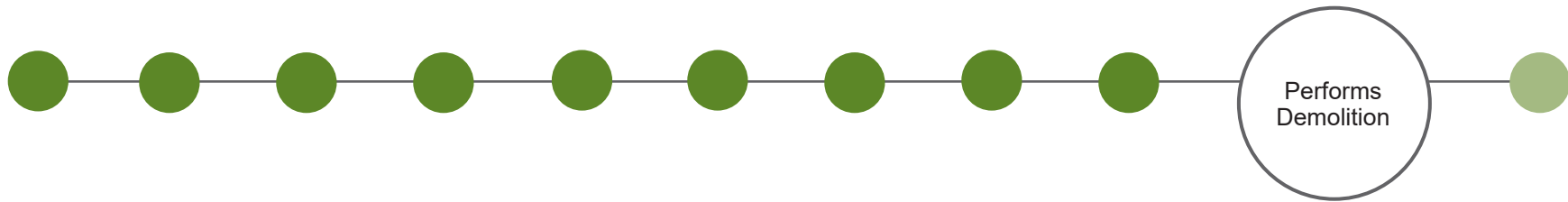
- Plans and specifications for the demolition;
- Service disconnections certification for all utilities;
- Proof of notices to adjacent property owners;
- Asbestos abatement certificate;
- Vector control - extermination certification or rodent free certification;
- SESC Certification, if applicable; and
- Flood Hazard Area Permit, if applicable.

Personnel Responsible:

- Project Manager
- Civil Engineers
- Environmental Specialists

SAVING TIME WITH UNIFORM CONSTRUCTION CODE PERMITS

As part of Dewberry’s cellular communications practice, we routinely file UCC permits on behalf of carriers to expedite the approval process, allowing contractors to focus more in the construction aspects of the project rather than the paperwork. We understand the importance of obtaining UCC permits in a timely manner and all of the preparation work that is required.



11. Demolition

During demolition activities, we will provide construction administration and oversight services, as well as monitoring of remediation activities. Specific activities include:

- **Project Meetings, correspondence, and both pre- and post-construction activities**
 - Pre-construction meeting;
 - Pre-abatement/demolition submittals review;
 - Progress meetings (if required);
 - Communication with the contractor;
 - Post-abatement/demolition submittals review
 - Contractor certifications; and
 - Waste stream disposal verification
 - Closeout meeting
- **Onsite oversight and inspection**
 - Periodic oversight of activities for compliance with codes, regulations, standards, and requirements of the plans and specifications (if required); and
 - Documentation of abatement and demolition activities (if required)
- **Archaeological monitoring in areas of high archaeological sensitivity and buffer zones where proposed demolition impacts will require**

substantial ground disturbance within close proximity to the buffer zone (if required)

Part-time inspection can be provided at key project milestones stipulated with the design specifications, including:

- preconstruction meeting;
- Utility disconnect or closure;
- Demolition; and
- Closeout meeting/final inspection

Contract administration services will also be provided, including:

- Review of contract submittals;
- Response to contractor RFIs;
- Invoice review and approval for payment;
- Change order requests; and
- **Project closeout meeting and documentation**

The abandonment of wells will occur during the demolition phase. We will prepare specifications for pump and piping removal, well sounding, and grouting of the well; and solicit quotes from a minimum of three licensed well drillers. After completion of the work, the licensed well driller will provide certification that the well has been properly abandoned in accordance with NJAC 7:9-9.

Personnel Responsible:

- **Project Manager**
- Construction Inspector
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist

12. Prepare and Submit Closeout Documentation

Following the completion of abatement and demolition activities, we will prepare a project closeout report, which will include permits and documentation of abatement and demolition activities, including dates of work, work procedures, air sampling results, project monitoring reports, final air clearance results, waste stream disposal documentation, and other relevant project information as is outlined in the RFP. These items are typically reviewed and provided to the DPMC during the construction/demolition phase. Other closeout documentation that will be reviewed and provided to the DPMC for closeout include:

- DPMC 11 (Final Invoice) with certifications
- DPMC 20 Final Contract Acceptance
- DPMC 20r(2) ORIGINAL Consent of Surety
- DPMC 20d Certificate of Substantial Completion
- One Year Performance Warranty
- Well closure report
- Pre and Post-Demolition Photographs
- Letter of Completion
- DPMC-20c, Final Acceptance of Consultant Contract

We will supplement the documentation above with items required for FEMA/HUD reimbursement, including:

- Contractor RFPs (in part to support compliance with targeted small, minority, and low income contracting);
- Pre-bid meeting sign-in sheets;
- Responses to Contractor pre-bid meeting questions;
- HUD Section 8 documentation; and
- Executed contracts

Personnel Responsible:

- Project Manager
- Construction Inspector
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist

Typical Project Schedule

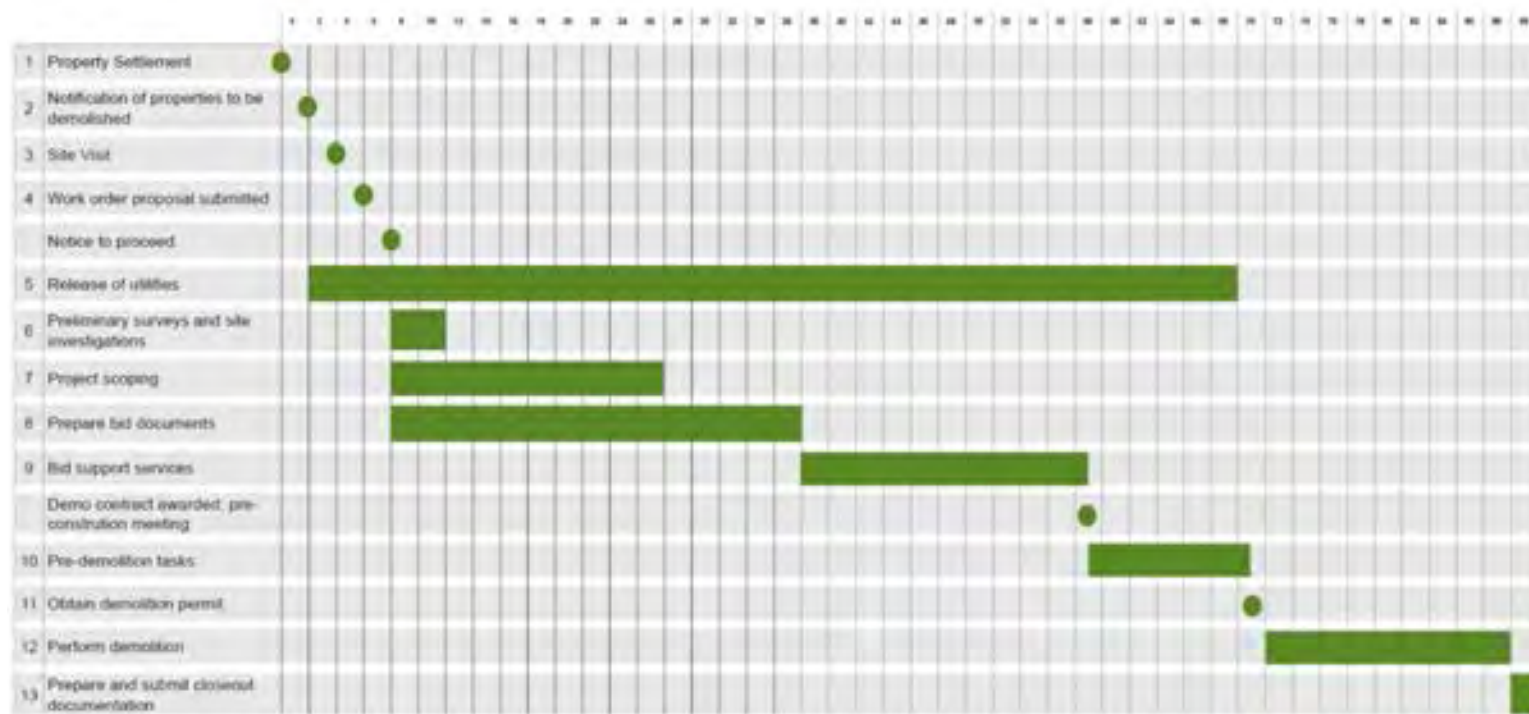
We understand the importance of completing the demolition work within 90 days to comply with funding requirements, and we have reviewed all tasks and workflow processes to devise a schedule, shown in the figure below, which meets this requirement.

Typically the 90-day clock starts at property settlement, which results in all phases of work including consultant and contractor procurement needing to occur within 90-days. The contractor procurement typically includes a minimum of two to three week bid period and a minimum of one week for contract award. Constraints such as this make

meeting the 90-day deadline very difficult. Based on our experience, FEMA typically accepts greater than a 90-day period as long as it is documented that a best effort has occurred.

This schedule shows demolition permits being obtained approximately 63 days from notice-to-proceed while the RFP indicates the design and permit approvals should be completed in 45 days. The schedule includes the release of utilities starting at day 0 (by the DPMC) which is prior to work order notice to proceed. Design/bid documents will still be prepared within 30 days of notice-to-proceed.

Our schedule reflects shorter-than-normal code review and bid and certified award phase periods, and use of the 10-day ACM notification waiver, all of which expedites the project as much as possible, but nonetheless demonstrates it is extremely difficult to complete the process from settlement to demolition closeout within 90 days. For TC-008 the DPMC has found it difficult to utilize these condensed schedule items as it conflicts with typical public bid regulations and results in higher project costs.



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Contingency Plans for Dealing with Problems and Correcting Errors that Occur

On construction projects, particularly demolition projects, problems often arise. Regardless of the particulars of the problem, the underlying most important piece to the solution is to provide solutions in a timely manner. Dewberry has done this many times for TC-008, allowing construction (or design) to advance.

Potential Problem	Solution
Private utilities delaying disconnections and road opening permits	Prepare utility correspondence following initial site visit so that we can initiate contact immediately upon notice-to-proceed. Maintain persistent follow up to verify schedule. Schedule coordination meetings with key utilities as appropriate.
Bureaucratic delays in permitting, approvals	Leverage resource agency relationships and Dewberry's respected reputation to cut red tape and expedite permitting and approvals. Schedule pre-application meetings as necessary.
Federal agency declining reimbursement	Engage Dewberry's national experts on federal reimbursement who have proven their ability to support the state of New Jersey in maximizing reimbursements. Define guidance protocols at the onset of the program.
Meeting the 90-day deadline	Stick to our schedule that maps a stepwise approach beginning prior to Notice-to-Proceed, includes proactive measures to verify schedule maintenance, and is based upon experience from hundreds of similar tasks. Proper preparation of the technical specifications will be necessary to best support the contractor's performance. Provisions to accelerate on-site assets, extend work days/hours, and penalty provisions will be included.
UST discovery	Address after demolition of the home to keep the project on schedule; specify proper protection and containment of UST during demolition.
Unanticipated conditions (other than USTs)	The key to maintaining schedule and controlling costs when unanticipated conditions are encountered is to carefully craft the technical specifications for flexibility. Defined unit costs requested in the bid, response timeframes, and schedule definition are several examples.
Uneducated contractors finding archaeological resources	Create "Demolition Archaeological Work Plan and Protocol Procedures" guidelines and provide training session for prequalified contractors.
Unexpected archaeological discoveries cease demolition work	Conduct archaeological monitoring during ground disturbance activities in areas of high archaeological sensitivity. Qualified archaeologists can make an immediate in-field assessments and carry out agreed-upon protocols for archaeological discoveries.
Neighbor protests demolition activities	Engaging procedures developed with DPMC, notify neighbors and local government officials of plans, schedules, and benefits of the program.
Improper historic waste disposal is encountered during demolition	Determine if work can proceed safely and, if not, use provisions within the technical specifications to provide Emergency Response and Removal. Provide provisions to isolate area to allow work to proceed.
Contractor fails final asbestos inspection	Provide thorough review of contractor's work plan and schedule inspections at critical points; confirm inspection results are totally understood by contractor; include penalty provisions in technical specifications for failure.
House is determined to be unsafe; entry is not possible	Regulations provide provisions for the demolition of unsafe structures that may contain ACM, (i.e. RACM) which have been used on several Blue Acres projects. This condition is typically identified by the consultant during initial site visits.
Unforeseen (concealed) asbestos identified during demolition	Engage asbestos inspector (Dewberry or TTI) to collect ACM samples the same day as notification and get same or next day laboratory results. Provide results to DPMC and contractor will proceed with abatement with letter of direction if required.

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Policies and Procedures for Maintaining Quality Control and Conducting Inspections and Oversight of the Work

Dewberry's Quality Assurance Plan is described in Section 1 of this proposal.

Focusing on delivery and funding eligibility, we will engage quality control tools for all phases of work under this contract. Tools include:

- **Reimbursement Compliance Checklist.** Given that the NJDEP has not identified a single source for funding residential demolitions, the Demolition Consultant and Contractor activities will need to be fully documented to be defensible against FEMA, HUD, and other funding sources. Dewberry's Reimbursement Specialist Kelly Rosofsky will develop a Compliance Checklist for items required under FEMA and other reimbursement programs. The Compliance Checklist will become part of each Work Order, with regular reviews to verify that Checklist items are secured at key milestones.
- **Data Collection Tablets with Standardized Checklists.** Personnel conducting the Initial Site Visits and Preliminary Surveys/Site Investigations will be equipped with Windows-based tablets that have integrated GPS and cameras. Collecting the site data digitally results in fewer errors in transposition from hard copy to the digital environment. Integrating the camera and GPS with the tablet facilitates linkage to data files. Digital data collection results in quick, consistent data collection without sacrificing quality. We have used these tablets on other contracts, including the FEMA Substantial

Damage Evaluations in eight New Jersey coastal counties following Superstorm Sandy, and will adapt them for use on TC-004.

- **Standard Specifications.** Given the repetitive nature of preparing demolition specifications for residences in the program, we will continue to enhance the standard comprehensive bid specification that includes all potential components. All specifications will be based on the standard specification to provide consistency, reduce errors and omissions, and improve contractor responsiveness/competitiveness. These standard specifications will be tailored for individual bid packages.
- **Schedule Tracker.** The schedules of our multiple, concurrent Work Orders will be available in a Schedule Tracker that provides the management and project team with at-a-glance information on the phase of each demolition and milestones, to verify that projects stay on the critical path and meet the 90-day deadline.
- **Data Review.** Our internal QA process includes deliberate steps to verify laboratory data reports, conducted by a qualified professional.

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Understanding and Knowledge of DPMC and NJDEP Procedures and Processes

Having worked on a number of projects with the DPMC Contracts and Procurement Unit, Bureau of Design and Construction, and the Plan and Code Review Unit, we are familiar with the current DPMC policies and procedures, including those for Work Order projects. The personnel identified in this proposal are familiar with the procurement, design, code review, and construction policies and procedures that the DPMC uses. Our knowledge of the specific forms, meetings, and other requirements will help to streamline our work under this contract. We are familiar with the typical DPMC processes and requirements for typical design, bid, and construction projects such as the design and permit submission requirements, bidding and award procedures (including the consultant's responsibility for items such as pre-proposal meetings and recommendations of award), and typical construction services including attendance at meetings, preparation of meeting

minutes, and closeout procedures. Through our work on TC-008 and other contracts, we are experienced with the DPMC Work Order process, including the method in which assignments are made, the information required from the consultant for each Work Order, and the process in which Work Orders are typically reviewed and approved. We have permitted several projects, including the Sanitary Sewer Connection for the New Jersey Training School for Boys for DPMC and numerous NJDOT projects, through the DPMC Plan and Code Review Unit and the NJDCA Division of Codes and Standards, and thus are very familiar the associated processes and the required plan and permit approval submittals. We work daily in association with various departments of the NJDEP including the Division of Land Use Regulation. Our familiarity with the Department's processes and staff will enable us expedite any permits or other issues involving the NJDEP.

For the Blue Acres program, the DPMC has developed special procedures and processes, several of which Dewberry helped develop. There procedures and processes include:

- Utility disconnect procedures
- Standard bid document specifications
- Standard cost estimate format
- On-board design review meetings
- Standard schedule of value for submitters and invoices
- Expected core review
- Consultant review and issuing of shop drawings
- Expedited ACM permit review (10 day notice exclusion)

Knowledge and Familiarity with FEMA and HUD Requirements

We hold many contracts that require compliance with HUD Section 3 and are experienced in preparing accurate, timely reporting. For TC-008 we assisted the DPMC's development of HUD compliance procedures.

In addition, Dewberry has worked with FEMA reimbursement programs for decades. No company has worked on FEMA's Public Assistance program longer than Dewberry. Our staff includes Hazard Mitigation Assistance (HMA) grant program experts, including former State Hazard Mitigation Officers. Our team includes the very leaders who helped create today's disaster and mitigation programs.

We know the Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Program (PDM), and Flood Mitigation Assistance (FMA) program. Our experience also includes HUD reimbursement; in fact in this Post-Sandy world, we collaborated with HUD to shape documentation that will meet CDBG-DR funding.

We understand the challenges in navigating these policies and will provide guidance and counsel to best serve the needs and goals of the Blue Acres Program. Our firm has personnel with technical backgrounds and experience in architecture and engineering who also understand disaster mitigation—a rare combination of skills.

FEMA and HUD disaster recovery programs, as well as state grant and open space programs, are based upon policies and criteria consistent with state financial management principles. Costs are a

significant attribute or outcome of those programs, but adherence to the eligibility criteria is the more critical concern. Each program applies its own criteria for eligibility, requiring a level of experience and insight to know when and how to apply each program effectively. The portal to participation in any program is confirming that the eligibility criteria are met.

Success at maximizing reimbursements will be largely dependent upon the application of eligibility criteria to each project. The more defensible and grounded in funding source policies a project can be, the more likely will be success at achieving full program funding reimbursement and clean performance audits. We know these eligibility targets and can guide efforts to develop a financial archive system grounded solidly in policies and doctrine.

We are experienced in collecting, scanning, and organizing the portfolio of single site documents, summarized by individual demolition project, to facilitate financial close out. We study state and federal Inspector General reports to fully understand how financing agencies view program financial management requirements, and pass what we learn on to our clients to increase their success in project reimbursement.

We can help the DPMC to start recouping money from FEMA and other potential grant programs more quickly. Of course Dewberry professionals can help maximize the amount of the state's reimbursements—that's a given. But Dewberry's focus brings our expertise to bear on getting solid, clear solutions

quickly, the first time – allowing the state to get its reimbursements obligated through FEMA/HUD more quickly.

On November 18, 2016, FEMA approved the State of New Jersey's appeal for waterway debris damages following Superstorm Sandy, an appeal that was administrated by Dewberry. The approval came with a grant of \$62 million and a time extension to 2024. NJDOT's Manager for the Office of Maritime Resources wrote, "Whether the public ever realizes it or not, we have accomplished something truly meaningful and profound for this State. The coastal decline would have eventually led to massive disrepair and economic hardship for New Jersey. And now, our continued efforts are going to make New Jersey the gem of the nation's Marine Transportation System!" She also commended two Dewberry employees involved noting, "It should be noted unequivocally, that while I directed this effort, this success could not and would not have been possible without the efforts of two people—Carol Brain, and later, Kelly Rosofsky. Their guidance and fortitude through this four-year process was exceptional."

Section 4: Term Contract Rate Schedule by Personnel Level



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TC - 004
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 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 - 004 Term Contract Request for Proposal (RFP) including the General Conditions to the Demolition Consultant Term Contract TC-004 and the Statement of Assurances for Contractor/Consultant - Additional Federally Funded Agreement Provisions. 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: Craig R. Johnson

Title: Executive Vice President

Date: March 8, 2019

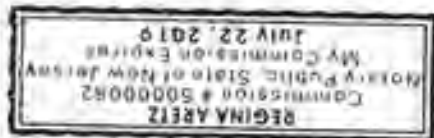
ATTESTED: Sworn and subscribed to before me on the 8th day of March, 2019

Signature: 

(Notary Public-Not an Officer of the Firm)

RETURN THIS COMPLETED DOCUMENT TO DPMC

(PAGE 1 OF 3)



**TC-004 TERM CONTRACT RATE SCHEDULE
BY PERSONNEL LEVEL**

NAME OF FIRM: Dewberry Engineers 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 page 3 of these instructions 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	\$ 192	\$ 194
LEVEL 6	\$ 182	\$ 185	\$ 190
LEVEL 5	\$ 171	\$ 175	\$ 179
LEVEL 4	\$ 142	\$ 147	\$ 151
LEVEL 3	\$ 111	\$ 115	\$ 119
LEVEL 2	\$ 91	\$ 94	\$ 96
LEVEL 1	\$ 78	\$ 81	\$ 85
AVERAGE RATE (ALL LEVELS) Please calculate for Levels 7 -1	\$ 138	\$ 141	\$ 145

Authorized Signature: _____

Craig R. Johnson

Title: Executive Vice President

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(PAGE 2 OF 3)

TERM CONTRACT TC-004
DATE: 1/19

TC-004 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 of 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-004 TERM CONTRACT RATE SCHEDULE
BY PERSONNEL LEVEL**

NAME OF FIRM: TTI Environmental, 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 page 3 of these instructions 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	\$ N/A	\$ N/A	\$ N/A
LEVEL 6	\$ N/A	\$ N/A	\$ N/A
LEVEL 5	\$110.00	\$110.00	\$115.00
LEVEL 4	\$ N/A	\$ N/A	\$ N/A
LEVEL 3	\$75.00	\$75.00	\$80.00
LEVEL 2	\$ N/A	\$ N/A	\$ N/A
LEVEL 1	\$65.00	\$65.00	\$70.00
AVERAGE RATE (ALL LEVELS) Please calculate for Levels 7 -1	\$ N/A	\$ N/A	\$ N/A

Authorized Signature:  Title: Associate Director

RETURN THIS COMPLETED DOCUMENT TO DPMC

(PAGE 2 OF 3)

TERM CONTRACT TC-004
DATE: 1/19

Section 5: Administrative Forms

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CERTAIN BIDDER FORMS SUBMITTED WITH THE PROPOSAL HAVE BEEN
REMOVED DUE TO SIZE

