

# NFE TECHNOLOGIES, INC.

**CERTIFIED 8(A), SDB AND MBE NATIONWIDE**

**APPROVED ON GSA SCHEDULE**

**NFE HAS WORKING RELATIONS WITH WBE & HUBZONE FIRMS**



NFE Home Office



The Hilton

**DESIGN ENGINEERS, PLANNERS, CONSTRUCTION MANAGERS, & ENVIRONMENTAL SCIENTISTS**

**250 DOMINION DRIVE**

**MORRISVILLE (RTP), NC 27560**

**PHONE: 919.469.4800**

**FAX: 919.319.8400**

**EMAIL: MAILBOX@NFETECH.COM**

**WEBSITE: WWW.NFETECH.COM**

**ALSO REGISTERED IN: DC, MD, VA AND SC**



NFE Technologies, Inc. is a professional consulting engineering firm established in 1992 as an outgrowth of National Foundation Engineering, founded in 1971 in Maryland. NFE's professional staff includes engineers, site planners, construction managers, geologists, environmental scientists, geophysicists, technicians, and drillers. NFE is able to provide its services nationwide cost effectively with offices registered in Maryland, Virginia, Washington DC, North Carolina, and South Carolina, and through a network of field offices and subcontractors in other states. NFE Companies have successfully completed over 5,000 projects in the last 30 years throughout the eastern portion of the United States.

NFE is certified as a Small Disadvantaged Business with many local, state and federal agencies. NFE is fiscally sound and financially able to handle projects within \$100 million in size. Since its establishment, NFE has dedicated itself to providing superior quality engineering and construction management services. We target our assignments to be completed within a reasonable budget and schedule.

NFE management communicates with its clients regularly in order to meet and exceed their requirement and expectations. We believe in a **sound beginning** and **happy ending** on each project.



Alta Season Apartments



General Aviation Area at RDU (Inside)

**WE ARE 100% COMMITTED TO QUALITY AND RESPONSIVENESS**

## NFE PHILOSOPHY

*"We Strive for Excellence"*

By providing personal attention to each client, and quality services on time and within budget, we meet and exceed our clients' expectations. At NFE Technologies, we avoid job claims and accidents, and believe in doing it right the first time. The continued growth of NFE is based on our clients' repeat business and trust.

## GOALS ON EACH PROJECT



## DIVERSITY OF EXPERIENCE

- Military Facilities / Defense Bases
- Group Housing
- Prisons & Camp Facilities
- Commercial Buildings & Offices
- Healthcare Facilities
- Schools & Universities
- Churches & Community Centers
- Parks & Recreation Facilities
- Renovations & Fit-ups
- Dams & Spillways
- Highways, Bridges & Tunnels
- Airport Facilities and Runways
- Bus, Rail, Car & Transit Stations
- Industrial Plants, Factories & Warehouse
- Water/Wastewater Plants
- Utilities - Water, Sewer, Storm Water
- Landfills & Superfund Projects
- Brownfields & HTRW Contaminated Sites
- Sustainable "Green" & "LEED" Buildings

## AREAS OF EXPERTISE

**Construction Management:** Program management, project management, construction engineering inspection, review plans and specifications conformance, QA/QC materials testing, scheduling, estimating, documentation, pay requests, claim resolution, record drawings, punch list, project close-out, and expert testimony.

**Environmental:** ESA Phase I, II & III. Risk assessments, corrective action plans, regulatory coordination and compliance, permitting, audits, emission inventory and monitoring, brownfields, site cleanup and remediation for air quality, asbestos, lead-based paint, methane gas, solid waste, landfills, contaminated soil, groundwater, AST, UST, and HTRW materials. Expert testimony.

**Geotechnical:** Drilling, well installation, geo-probing, geophysics, instrumentation, in-situ testing, geology, hydrogeology, computer modeling, laboratory analysis, foundation engineering, non-destructive testing, and expert testimony.

**Civil and Structural:** Planning and design for site work, utilities, roadways, runways, pavements, slabs, retaining walls, SWM structures, and infrastructure.

**Information Technology:** Computer hardware, software, AutoCAD, web design, PC networking, staffing support, call-centers, and offshore business centers.



Medical Center Youngstown, OH



Blood & Cancer Center Youngstown, OH



Durham Wastewater Plant

**85% OF OUR BUSINESS COMES FROM SATISFIED CLIENTS**

## CAPACITY AND RESOURCES

### Major Equipment Available

- Construction support Equipment
- Drill Rigs & Well Installation Equipment
- UST Closure Equipment
- Environmental Remediation Equipment
- Direct Push Probe
- Geophysical Equipment
- Electric Piezo Cone Rig
- Sampling Pumps & Equipment
- Water Tanks
- Survey Equipment
- Digital & Computer Equipment

### Field Testing Equipment

- Soils, Concrete & Asphalt Test Equipment
- Environmental Test Equipment
- Groundwater, D.O. & pH meters
- Geoprobng Tools
- GPR, Seismic, and Electromagnetic tools

### Laboratory Testing

Soils, Concrete, Asphalt, Groundwater & Construction Materials

### Manpower

NFE employs highly qualified and experienced professionals with proven track record in the following disciplines:

- Civil & Structural Engineers
- Geotechnical Engineers, Surveyors
- Geologists & Geophysicists
- Environmental Engineers & Scientists
- Construction Managers & Technicians
- Arch/Structural/Electrical/HVAC Inspectors
- Construction Engineering Inspectors
- Information Technology & Computer experts

## QA/QC PROGRAM

*For Quality Control: Single Point-of-Contact:*

*Dr. V.K. Goel, Ph.D., PE, Officer in Charge*

*For Project Management: Single Point-of-Contact:*

*Dr. H.W. Boyd, Ph.D., PG, Vice President*

### Our QA Program involves:

- Continuous communication & design quality improvement at each level.
- Calibration of all equipment at regular intervals
- Strict adherence to project guidelines and specifications.
- Internal Value Engineering by two professionals.
- Periodic site visits/spot checks by professionals.
- Parallel tests in the laboratory or on site.
- Computerized calculations verified manually.
- Project staff pre-approved by the client.

## TRAINING AND CERTIFICATION

**Trained Professionals:** Professional Engineers, Professional Geologists, Surveyors, Certified Industrial Hygienists, Certified Safety Professionals, and Licensed Well Drillers.

**Trained Field Crew:** Licensed Specialty Trade Contractor, OSHA Safety Training for HAZMAT and Construction Sites, Sediment and Erosion Control, Nuclear Gauge Safety Training, NICET/DOT Training for Materials Testing, First Aid & CPR Training.

**Specialty Training:** Asbestos and Lead-based Paint Inspection, X-ray Fluorescence Metal Analysis, Rapid Site Assessment ASTM Protocol 11.04, Department of Defense/SAME Training Seminars, Tank Testing

**US Army Corps of Engineers Laboratory Accreditation**

## REPRESENTATIVE CLIENTS

### Government

Airport Authorities  
Environmental Protection Agency  
Federal Aviation Authority  
Federal Bureau of Prisons  
Federal Highway Administration  
General Services Administration  
NASA  
NIEHS  
Pentagon Defense Headquarters  
State Departments of Correction  
State Departments of Construction  
State Departments of Environment  
State Departments of Transportation  
US Air Force  
US Army Corps of Engineers  
US Navy  
US Coast Guard  
US Department of Interiors -Parks  
US Department of Justice  
US Department of Labor  
US Postal Service  
Veterans Affairs Administration  
WMATA  
WSSC  
School Boards & Universities  
Towns and Major Cities  
Counties  
Overseas Governments

### Private

3D/International  
Banks  
Bechtel  
Black & Veatch  
CDM Federal  
CH2M Hill  
CSX  
DMJM + Harris  
Earthtech  
Ensafe  
Fluor Daniel  
Greenhorn & O'Mara  
Hazen & Sawyer  
HDR  
Heery International  
HNTB  
I.T./Shaw Group  
Jacob  
KCI Technologies  
Kimley Horn  
MacTec/Law  
O'Brien & Gere  
Parsons  
PB/Dewberry  
PBQD  
PBS & J  
URS  
Weston

**WE ARE 100% COMMITTED TO QUALITY AND RESPONSIVENESS  
85% OF OUR BUSINESS COMES FROM SATISFIED CLIENTS**

## PAST PERFORMANCE

Name of Client	Project Completion	Quality of Work	Repeat Business	Letter of Commendation
US Army Corps of Engineers	Ahead of Schedule	Excellent	10	Yes
US Air Force (Pope AFB)	On-Time	Very Good	4	Yes
Federal Bureau of Prisons	On-Time	V. Good	4	Yes
Pentagon Defense Headquarters	On-Time	Excellent	2	Yes
North Carolina Department of Corrections (Statewide)	On-Time	Excellent	3	Yes
Virginia Department of Transportation (Statewide)	Ahead of Schedule	Excellent	15	Yes
North Carolina Department of Transportation (Statewide)	Ahead of Schedule	Excellent	10	Yes
City of Fayetteville & Fayetteville State University	Ahead of Schedule	Excellent	5	Yes
City of Durham	Ahead of Schedule	Excellent	20	Yes
City of Charlotte	Ahead of Schedule	Excellent	10	
US Navy, LANTDIV, Norfolk	Ahead of Schedule	Excellent	7	
US Environmental Protection Agency	Ahead of Schedule	Very Good	4	
US Postal Service	Ahead of Schedule	Excellent	6	

### BENEFITS OF CHOOSING NFE

- Extensive experiences & track record with Government Agencies.
- Established working relationship with large consulting and construction firms.
- Highly qualified trained and licensed staff (average of 15-35 years of experience).
- Cost savings through innovative solutions and claim avoidance.
- Prompt response & rapid troubleshooting.
- Quality & Safety sensitivity (**NO** professional liability claims or accidents in the past 30 years).
- Rapid procurements through **GSA Schedule, Sole Source Negotiations, and BPAs.**
- Ability to meet challenging schedules.
- Immediate availability.
- Personalized attention to each client by one of the Principals.
- Successful 8(a), SDB and SB business - **85% repeat business.**
- We accept **credit cards.**



Pentagon Renovation after 9/11

#### **Because the Client has :**

- Choice.** We ought to be the better choice.
- Urgency.** We must be prompt in our services.
- Expectations.** We must Excel.

***We exist simply because of our valued Clients!***

**CHOOSE NFE AS YOUR PARTNERS TO SUCCESS & GROWTH**