

**STANDARD FORM(SF)**

**255**

Architect-Engineer and Related Services for Specific Project

1. Project Name/Location for Which Firm is Filing:

2a. Commerce Business Daily Announcement Date, if any:

2b. Agency Identification Number, if any:

3. Firm (or Joint-Venture) Name & Address:

**LIBERTY ENGINEERING, PC**

4521 E Honeygrove Rd Ste 108  
Virginia Beach, VA 23455-6008

3a. Name, Title & Telephone Number of Principal to Contact:

Jan M Harris, PE, SECB  
President  
757.499.2791

3b. Address of Office to Perform Work, if Different From Item 3:

4. Personnel by Discipline (List Each Person Only Once, by Primary Function.) Enter the number of personnel by discipline for each office where the work will be performed:

(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
1	Academic/Simulator/Flight Instructors Accountants/Financial Experts Acoustical/Noise Experts Administrative and Management Airport Planners Archaeologists/Anthropologists Architects Assemblers Asset Management Personnel Attorneys/Claims Analysts Biologists		Earthquake/Seismic Engineers Ecologists Economists Electrical Engineers Environmental Engineers Environmental Scientists Fire Protection Engineers Geologists/Engineering Geologists Geo-scientists/Geophysicists Geotechnical/Soils Engineers GIS Specialists		Landscape Architects Logistics & Configuration Management Material Handlers Mechanical Engineers Mechanics Medical Staff Meteorologists/Air Quality Nuclear Engineers Oceanographers Operations & Maintenance Personnel Pilots & Aircraft Support Personnel Planners: Transportation Planners: Urban/Regional Policy Analysts/Regulatory Specialists Procurement Specialists Project Controls Specialists Project Managers Public Involvement Specialists QA/QC Specialists Risk Assessors Safety/Occupational Health Specialists	3	Sanitary Engineers Schedulers Security Personnel Specification Writers Structural Engineers Surveyors Technical Editors Technicians/Other Specialists Toxicologists Transportation Analysts/Operatives Transportation Engineers Value Engineers Water Resources Engineers
2	CADD/Drafters/Designers Chemical Engineers Chemists/Biochemists Civil Engineers Communications Engineers Computer/DP Specialists Construction Inspectors Construction Managers Contract Administrators Cost Engineer/Estimators		Graphic Artists Hazardous Waste Managers/Specialists Historians Human Resources Specialists Hydrogeologists/Geohydrologists Hydrologists Industrial Engineer/Hygienists Instrumentation Engineers Interior Designers Laboratory Technicians			6	(A) Total Personnel (Liberty Engineering) (B) Total Personnel (Subconsultants)  <b>Total Personnel (Liberty Engineering)</b>

5. If Submittal is by Joint-Venture, List Participating Firms and Outline Specific Areas of Responsibility (including Administrative, Technical and Financial) for Each Firm: (Attach SF 254 for Each if not on File with Procuring Office).

5a. Has this Joint-Venture Previously Worked Together? Yes  No

**7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.**

<p><b>a. Name and Title:</b>  <b>Jan M Harris, PE, SECB</b>          President</p>	<ul style="list-style-type: none"> <li>• Erosion Control Revetment, West Bank Little Creek Channel (LANTDIV)</li> </ul>
<p><b>b. Project Assignment:</b>  <b>Structural Engineer</b></p>	<ul style="list-style-type: none"> <li>• Fender Replacements, NNSY</li> </ul>
<p><b>c. Name of Firm With Which Associated:</b>  <b>LIBERTY ENGINEERING, PC</b></p>	<ul style="list-style-type: none"> <li>• Fire Station Addition, Roosevelt Roads, Puerto Rico</li> </ul>
<p><b>d. Years of Experience: With This Firm <u>15</u> With Other Firms <u>17</u></b></p>	<ul style="list-style-type: none"> <li>• Landship Evaluations, Repairs and Modifications, Fort Eustis, VA</li> </ul>
<p><b>e. Education: Degree(s) / Year / Specialization:</b>          Master of Engineering, 1993, Old Dominion University, Norfolk, Virginia, Structural Engineering Emphasis          Bachelor of Science, 1978, School of Civil and Environmental Engineering Cornell University, Ithaca, New York</p>	<ul style="list-style-type: none"> <li>• Lynnhaven River Drainage Improvements Bulkhead Designs, Virginia Beach, VA</li> <li>• Oily Waste Pump Station, Norfolk Naval Base</li> <li>• Outfall #4, Langley Air Force Base, Hampton, VA</li> <li>• Pier Evaluations and Buoy Tender Homeport Improvements, New London, CT and Bristol, RI</li> <li>• Radome Foundation, Lajes Field, Azores</li> <li>• Renovate Building CA 486, Norfolk Naval Base</li> <li>• Renovations Building LP-12, Norfolk Naval Base</li> <li>• Security Building, Dam Neck</li> <li>• Shoring Plan Building 1126, NAB Little Creek, VA</li> <li>• Used Oil Recycle/Reclaim and Blending Facility, Cherry Point, NC</li> <li>• Virginia Beach Hurricane Protection Project Preliminary Studies-Analysis</li> <li>• Repairs to BT-11 Bulkhead, Piney Island, Cherry Point, NC</li> <li>• HRSD Administrative Office Renovations</li> <li>• Design of V47 Waterfront Improvements, Norfolk Naval Base</li> <li>• Design of Haven Creek Walkway, a 1000 foot, wood framed walkway for pedestrians and bicyclists</li> <li>• Design of Elizabeth River Trail, a curved wood footbridge over a sensitive waterway.</li> <li>• Design of Buckroe Fishing Pier Wood Deck and Bait Shop Building</li> <li>• Design of Little Island Fishing Pier Improvements</li> <li>• Design of Queens Lake Transfer Sewage Pump Station</li> <li>• Design of Precast Concrete Components Nags Head Aquarium Pier</li> <li>• Design of Precast Concrete Components Intrepid Pier (86)</li> <li>• Design of Precast Concrete Components Pier 26</li> <li>• Design of Precast Concrete Components Oyster Cultivation Pier</li> <li>• Design of CEC Coal Unloading Pier</li> <li>• Design of Water Pump Station Structural Improvements, Virginia Beach</li> <li>• Cold Formed Framing Design: EVMS Medical Education and Research Building</li> <li>• Cold Formed Framing Design: Wahlgren's Drug Store, Virginia Beach</li> <li>• Cold Formed Framing Design: Fort Norfolk Professional Building</li> <li>• Cold Formed Framing Design: EVMS Medical Education and Research Building</li> <li>• Design of Fort Norfolk Sewage Pump Station</li> </ul>
<p><b>f. Active Registration: Year First Registered / Discipline:</b>          1982 / Virginia / Professional Engineer / 13755          1996 / North Carolina / Professional Engineer / 21838          Other PE Licenses: MD, PA, NY, WV, DE, CO NCEES Record Holder</p>	
<p><b>g. Other Experience and Qualifications Relevant to the Proposed Project:</b>          Mr. Harris is proficient in the design of steel, concrete, masonry and timber structures. His federal agency experience includes work for the Army, Navy, Air Force, Coast Guard and NASA. He has worked for state, municipal and private clients on a wide variety of new construction, renovation and repair projects. He has successfully designed or managed over 250 federal design projects. He has participated in over 60 Indefinite Quantity Contracts including Structural, Civil/Structural, Mechanical/Electrical and Architectural. He has completed several federal design projects using metric units.</p> <p><b>Relevant Project Experience:</b></p> <ul style="list-style-type: none"> <li>• Virginia Beach National Field Hockey Center Lockers and Site Improvements</li> <li>• Glenwood Community Center Clubhouse</li> <li>• Boat Ramp, Lynnhaven Inlet, Virginia Beach</li> <li>• BT-11 Bulkhead Repairs., Piney Island Cherry Point, NC</li> <li>• MWR Marina Expansion, Fort Monroe, VA (Norfolk District COE)</li> <li>• Canopy Extension W-5, Norfolk Naval Base</li> <li>• Construct Kennel, Yorktown Naval Weapons Center</li> <li>• Construct Spill Gates, Cherry Point, NC</li> <li>• Decatur Street Storm Sewer Outfall, Norfolk Naval Base (LANTDIV/PWC)</li> <li>• Design-Build Sailing Center Modifications, Norfolk Naval Base (LANTDIV)</li> </ul>	

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.

<p>a. Name and Title:  <b>Garold L. Moore, PE</b>                  Senior Structural Engineer</p>	<ul style="list-style-type: none"> <li>• Pier and Dolphin replacement at the Exxon Terminal; Norfolk Virginia.</li> <li>• An alternative study with cost analyses was performed and design of the rehabilitation of a 2,000 foot long concrete pier at the U.S. Coast Guard Base; Yorktown, Virginia.</li> </ul>
<p>b. Project Assignment:  <b>Structural Engineer</b></p>	
<p>c. Name of Firm With Which Associated:  <b>LIBERTY ENGINEERING, PC</b></p>	<ul style="list-style-type: none"> <li>• Design of foundations for various overhead sign structures as a part of the H.O.V. Project; Norfolk, Virginia.</li> </ul>
<p>d. Years of Experience: With This Firm <u>7</u> With Other Firms <u>20</u></p>	<ul style="list-style-type: none"> <li>• Design of a new pier, boat ramp and timber bulkhead as part of the Portsmouth City Park improvements; Portsmouth, Virginia.</li> </ul>
<p>e. Education: Degree(s) / Year / Specialization:                  Bachelor of Science, 1983 Civil Engineering, Old Dominion University Norfolk, Virginia</p>	<ul style="list-style-type: none"> <li>• Design of a Shoreline Stabilization project along the banks of the James River at Carter's Grove Plantation: James City County, Virginia.</li> </ul>
<p>f. Active Registration: Year First Registered / Discipline:                  1987 / Virginia / Professional Engineer / #17663</p>	<ul style="list-style-type: none"> <li>• Design of a six lane bridge on Military Highway) over Virginia Beach Blvd. and the design of 1,788 feet of concrete retaining walls; Norfolk, Virginia.</li> </ul>
<p>g. Other Experience and Qualifications Relevant to the Proposed Project:                  Mr. Moore is experienced in the design of steel, concrete, masonry and timber structures. He has worked for federal, industrial, state, municipal and private clients on a wide variety of new construction, renovation and repair projects. He has participated in Indefinite Quantity Design Contracts including Structural, Civil/Structural, and Civil. He has completed design projects using metric units and is familiar with federal design standards.</p> <p><b>Relevant Project Experience:</b></p> <ul style="list-style-type: none"> <li>• Structural Design of Sewage Treatment Plant, Fort Pickett, Virginia</li> <li>• Structural support for utilities over Steamboat Creek, Norfolk, Virginia</li> <li>• Design of footings and foundations for steel plant, Chesapeake, Virginia.</li> <li>• Design a water pumping station; a two story steel frame building. Henrico County, Virginia.</li> <li>• Design for various structural improvements to the Moores-Bridges pumping Station; Norfolk Virginia.</li> <li>• Design of a subdivision sewage system and lift station; Chesapeake, Virginia.</li> <li>• Foundation Designs for a concrete plant and offloading facility adjacent to the Southern Branch of the Elizabeth River; Chesapeake, Virginia.</li> <li>• Design of a clean up area to remove contaminated soils and preserve the structural integrity of existing fuel tank footings; Norfolk Virginia.</li> <li>• Design of a foundation, floor slab, and interior masonry walls for a maintenance building at Northwest Radio Station., Chesapeake, Virginia</li> <li>• Design and Construction Administration for waterfront improvements at Gosnold Hope Park: Riprap shoreline, boat ramp and timber bulkhead: Hampton Virginia</li> <li>• Design of V47 Waterfront Improvements, Norfolk Naval Base</li> </ul>	<ul style="list-style-type: none"> <li>• Design of a 4 lane bridge on International Prkwy over Canal No. 2; Virginia Beach, Virginia.</li> <li>• Design of foundations for various overhead sign structures as a part of the H.O.V. Project; Norfolk, Virginia.</li> <li>• Design of a new pier, boat ramp and timber bulkhead as part of the Portsmouth City Park improvements; Portsmouth, Virginia.</li> <li>• Design of a Shoreline Stabilization project along the banks of the James River at Carter's Grove Plantation: James City County, Virginia.</li> <li>• Design of a six lane bridge on Military Highway) over Virginia Beach Blvd. and the design of 1,788 feet of concrete retaining walls; Norfolk, Virginia</li> <li>• Design of a 4 lane bridge on International Prkwy over Canal No. 2; Virginia Beach, Virginia.</li> <li>• Design of Haven Creek Walkway, a 1000 foot, wood framed walkway for pedestrians and bicyclists</li> <li>• Design of Elizabeth River Trail, a curved wood footbridge over a sensitive waterway.</li> <li>• Design of Buckroe Fishing Pier Wood Deck and Bait Shop Building</li> <li>• Design of Little Island Fishing Pier Improvements</li> <li>• Design of Queens Lake Transfer Sewage Pump Station</li> <li>• Design of Precast Concrete Components Nags Head Aquarium Pier</li> <li>• Design of Precast Concrete Components Intrepid Pier (86)</li> <li>• Design of Precast Concrete Components Pier 26</li> <li>• Design of Precast Concrete Components Oyster Cultivation Pier</li> <li>• Design of CEC Coal Unloading Pier</li> <li>• Cold Formed Framing Design: EVMS Medical Education and Research Building</li> <li>• Design of Fort Norfolk Sewage Pump Station</li> </ul>