

STANDARD FORM(SF)

254

Architect-Engineer and Related Services Questionnaire

1. Firm Name/Business Address:

LIBERTY ENGINEERING, PC

4521 E Honeygrove Rd Ste 108

Virginia Beach, VA 23455-6008

1a. Submittal is for Parent Company Branch or Subsidiary Office

2. Year Present Firm Established: 1995

3. Date Prepared: August 9, 2010

4. Specify type of ownership and check below, if applicable.

A. Small Business

B. Small Disadvantaged Business

C. Woman-owned Business

5. Name of Parent Company, if any:

5a. Former Parent Company Name(s), if any, and Year(s) Established:

6. Names of Not More Than Two Principals to Contact: Title/Telephone

Jan M Harris, PE: President 757.499.2791

7. Present Offices: City / State / Telephone / No. Personnel Each Office

7a. Proposed offices: Virginia Beach, VA/757.499.2791/6 Personnel

8. Personnel by Discipline: (List each person only once, by primary function).

1	Academic/Simulator/Flight Instructor Accountant/Financial Expert Acoustical Engineer Administrative Archaeologist Architect Assembler Asset Management Personnel Attorney/Claims Analyst Biologist	Ecologist Economist Electrical Engineer Environmental Engineer Environmental Scientist Fire Protection Engineer Forest Service Specialist Foundation/Geotechnical Engineer GIS Specialist Geologist	Logistics & Configuration Management Material Handler Materials Handling Engineer Mechanic Mechanical Engineer Medical Staff Metallurgical Engineer Meteorologist/Air Quality Mining Engineer Nuclear Engineer	3	Public Involvement Specialist QA/QC Specialist Risk Assessor Safety/Occupational Health Engineer Sanitary Engineer Scheduler Security Specialist Soils Engineer Specifications Writer Structural Engineer Supply/Storekeeper Personnel Technical Editor Technician/Analyst Technician: Laboratory Toxicologist Transportation Analyst/Operative Transportation Engineer UXO/Munitions Specialist Value Engineer Water Resources Engineer Word Processor
2	CADD Technician Chemical Engineer Chemist Civil Engineer Communications Engineer Computer Programmer Construction Engineer Construction Inspector Construction Manager Contract Administrator Cost Engineer/Estimator Craftworker Documentation Specialist Earthquake/Seismic Engineer	Geo-scientist Graphic Artist Hazardous Waste Manager/Specialist Health Facility Planner Historian Human Resources Specialist Hydrogeologist/Geohydrologist Hydrologist Industrial Hygienist IT Manager/Specialist Instrumentation Engineer Interior Designer Land Surveyor Landscape Architect	Nuclear Waste Manager/Specialist Oceanographer Operations & Maintenance Personnel Pilot/Aircraft Support Personnel Piping Engineer Planner: Aviation Planner: Urban/Regional Planner: Transportation Policy Analyst/Regulatory Specialist Process Engineer Procurement Specialist Production Expert Project Control Specialist Project Manager	6	Total Staff: Liberty Engineering

9. Summary of Professional Services Fees Received: (Insert Index Number)

Last 5 Years (most recent year first)

	2009	2008	2007	2006	2005
Direct Federal contract work, including overseas	1	1	1	1	1
All other domestic work	3	3	3	3	3
All other foreign work*	1	1	1	1	1

*Firms interested in foreign work, but without such experience, check here:

Ranges of Professional Services Fees INDEX

1. Less than \$100,000
2. \$100,000 to \$250,000
3. \$250,000 to \$500,000
4. \$500,000 to \$1 million
5. \$1 million to \$2 million
6. \$2 million to \$5 million
7. \$5 million to \$10 million
8. \$10 million or greater

- 001 Acoustics; Noise Abatement
- 002 Aerial Photogrammetry
- 003 Agricultural Development; Grain Storage; Farm Mechanization
- 004 Air Pollution Control
- 005 Airports; Navais; Airport Lighting; Aircraft Fueling
- 006 Airports; Terminal and Hangars; Freight Handling
- 007 Arctic Facilities
- 008 Auditoriums and Theaters
- 009 Automation; Controls; Instrumentation
- 010 Barracks; Dormitories
- 011 Bridges
- 012 Cemeteries (Planning and Relocation)
- 013 Chemical Processing and Storage
- 014 Churches; Chapels
- 015 Codes; Standards; Ordinances
- 016 Cold Storage; Refrigeration; Fast Freeze
- 017 Commercial Bldgs. (low rise); Shop. Centers
- 018 Communications Systems; TV; Microwave
- 019 Computer Facilities; Computer Service
- 020 Conservation and Resource Management
- 021 Construction Management
- 022 Corrosion Control; Cathodic Protection; Electrolysis
- 023 Cost Estimating
- 024 Dams (Concrete, Arch)
- 025 Dams (Earth; Rock); Dikes; Levees
- 026 Desalinization (Process and Facilities)
- 027 Dining Halls; Clubs; Restaurants
- 028 Ecological and Archeological Investigations
- 029 Educational Facilities; Classrooms
- 030 Electronics
- 031 Elevators; Escalators; People-Movers
- 032 Energy Conservation; New Energy Sources
- 033 Environmental Impact Studies, Assessments or Statements
- 034 Fallout Shelters; Blast-Resistant Design
- 035 Field Houses; Gyms; Stadiums
- 036 Fire Protection
- 037 Fisheries; Fish Ladders
- 038 Forestry; Forest Products
- 039 Garages; Vehicle Maint. Facil.; Parking Decks
- 040 Gas Systems (Propane; Natural, Etc.)
- 041 Graphic Design
- 042 Harbors; Jetties; Piers; Ship Term. Facilities
- 043 Heating; Ventilating; Air Conditioning
- 044 Health Systems Planning
- 045 High Rise; Air-Rights-Type Buildings
- 046 Highways; Sts.; Airfield Paving; Pking Lots
- 047 Historical Preservation
- 048 Hospital and Medical Facilities
- 049 Hotels; Motels
- 050 Housing (Residential; Multi-Family; Apartments; Condominiums)
- 051 Hydraulics and Pneumatics
- 052 Industrial Buildings; Manufacturing Plants
- 053 Industrial Processes; Quality Control
- 054 Industrial Waste Treatment
- 055 Interior Design; Space Planning
- 056 Irrigation; Drainage
- 057 Judicial and Courtroom Facilities
- 058 Laboratories; Medical Research Facilities
- 059 Landscape Architecture
- 060 Libraries; Museums; Galleries
- 061 Lighting (Interior; Display; Theater, Etc.)
- 062 Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)
- 063 Materials Handling Sys.; Conveyors; Sorters
- 064 Metallurgy
- 065 Microclimatology; Tropical Engineering
- 066 Military Design Standards
- 067 Mining and Mineralogy
- 068 Missile Facilities (Silos; Fuels; Transport)
- 069 Modular Systems Design; Pre-Fabricated Structures or Components
- 070 Naval Architecture; Off-Shore Platforms
- 071 Nuclear Facilities; Nuclear Shielding
- 072 Office Buildings; Industrial Parks
- 073 Oceanographic Engineering
- 074 Ordinances; Munitions; Special Weapons
- 075 Petroleum Exploration; Refining
- 076 Petroleum & Fuel (Storage and Distribution)
- 077 Pipelines (Cross-Country — Liquid and Gas)
- 078 Planning (Community, Regional, Areawide and State)
- 079 Planning (Site, Installation, and Project)
- 080 Plumbing and Pipe Design
- 081 Pneumatic Structures; Air-Support Buildings
- 082 Postal Facilities
- 083 Power Generation; Transmission; Distribution
- 084 Prisons and Correctional Facilities
- 085 Product, Machine and Equipment Design
- 086 Radar; Sonar; Radio and Radar Telescopes
- 087 Railroad; Rapid Transit
- 088 Recreation Facilities (Parks; Marinas, Etc.)
- 089 Rehabilitation (Bldgs; Struc.; Facilities)
- 090 Resource Recovery; Recycling
- 091 Radio Frequency Systems and Shieldings
- 092 Rivers; Canals; Waterways; Flood Control
- 093 Safety Engrg.; Accident Studies; OSHA Studies
- 094 Security Systems; Intruder & Smoke Detection
- 095 Seismic Designs and Studies
- 096 Sewage Collection, Treatment and Disposal
- 097 Soils and Geologic Studies; Foundations
- 098 Solar Energy Utilization
- 099 Solid Wastes; Incineration; Landfill
- 100 Special Environments; Clean Rooms, Etc.
- 101 Structural Design; Special Structures
- 102 Surveying; Platting; Mapping; Floodplain Studies
- 103 Swimming Pools
- 104 Storm Water Handling and Facilities
- 105 Telephone Sys. (Rural; Mobile; Intercom, Etc.)
- 106 Testing and Inspection Services
- 107 Traffic and Transportation Engineering
- 108 Towers (Self-Supporting & Guyed Systems)
- 109 Tunnels and Subways
- 110 Urban Renewals; Community Development
- 111 Utilities (Gas and Steam)
- 112 Value Analysis; Life-Cycle Costing
- 113 Warehouses and Depots
- 114 Water Resources; Hydrology; Groundwater
- 115 Water Supply; Treatment and Distribution
- 116 Wind Tunnels; Research/Testing Facs. Design
- 117 Zoning; Land Use Studies
- 213 Contract Administration/Claims Analysis
- 218 Economic Feasibility Studies
- 220 Engineering Consultations and Reports
- 221 Environmental Testing
- 234 Forensic Engineering; Expert Testimony
- 235 Management
- 239 Military Facilities
- 250 Public Involvement Programs
- 255 Toxicology and Hazardous Materials
- 256 Training (Operations and Maintenance)
- 261 Handicapped Facilities
- 266 Hazardous Waste Management
- 273 Program Management
- 274 Underground Storage Tanks
- 275 Indefinite Delivery Type Contracts

10. Profile of Firm's Project Experience (as of 6/2010)								
Profile Code	Number of Projects	Total Gross Fees (in Thousands)	Profile Code	Number of Projects	Total Gross Fees (in Thousands)	Profile Code	Number of Projects	Total Gross Fees (in Thousands)
011	6	30	046	12	70	088	30	100
014	12	30	048	20	60	096	80	500
016	4	2	049	15	60	107	35	70
011	12	12	052	6	180	108	3	40
027	8	12	062	12	60	113	7	40
031	8	12	063	6	42	115	10	120
034	4	10	069	30	75	234	8	35
039	4	20	072	40	100	239	20	250
042	15	500	076	3	25	274	12	25
043	35	60	083	50	65	275	40	250

11. Project Examples, Last 5 Years					
Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in Thousands)	Completion Date (Actual or Estimated)
096, 220	P	1. Water Pump Station Structural Improvements Virginia Beach, VA	Virginia Beach Department of Public Utilities 2405 Courthouse Dr. Municipal Center, Bldg. 2 Virginia Beach, VA 23456	\$248 (fee)	2006
088	P	2. Little Island Fishing Pier Improvements Virginia Beach, VA	Virginia Beach Department of Public Works 2405 Courthouse Dr. Municipal Center, Bldg. 2 Virginia Beach, VA 23456	\$70 (fee)	2006
042	P	3. Chesapeake Energy Center Coal Import Pier Chesapeake, VA	Dominion Power c/o Marine Contracting PO Box 5525 Virginia Beach, VA 23471-0525	\$159 (fee)	2007
042	P	4. V47 Waterfront Improvements Naval Base Norfolk, Norfolk, VA	NAVFAC MIDLANT c/o Marine Contracting PO Box 5525 Virginia Beach, VA 23471-0525	\$221 (fee)	ongoing
096	C	5. Resort Area Pump Station Virginia Beach, Virginia	Virginia Beach Department of Public Utilities 2405 Courthouse Dr. Municipal Center, Bldg. 2 Virginia Beach, VA 23456	\$32 (fee)	ongoing
096	C	6. North Avenue Pump Station Newport News, Virginia	HRSD 1436 Air Rail Avenue Virginia Beach, VA 23455	\$23 (fee)	ongoing
072	C	7. Monarch Bank Norfolk, Virginia	Monarch Bank, c/o RGD, PE Inc. 1225 West 26th Street Norfolk, VA 23508	\$20 (fee)	2010
096	C	8. Fort Norfolk Pump Station Norfolk, VA	Norfolk Department of Utilities 810 Union Street Norfolk, VA 23510	\$29 (fee)	ongoing

11. Project Examples, Last 5 Years					
Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in Thousands)	Completion Date (Actual or Estimated)
042	P	9. Precast Component Design and Detailing Services for Nags Head Aquarium/Jeannette's Pier Nags Head, North Carolina	c/o Coastal Precast Systems 1316 Yacht Drive Ste 307 Chesapeake, VA 23320	\$129 (fee)	2010
042	P	10. Precast Component Design and Detailing Services for Pier 86/Intrepid Pier New York, New York	c/o Coastal Precast Systems 1316 Yacht Drive Ste 307 Chesapeake, VA 23320	\$22 (fee)	2008
042	P	11. Precast Component Design and Detailing Services for Pier 26/Cruise Terminal Pier New York, New York	c/o Coastal Precast Systems 1316 Yacht Drive Ste 307 Chesapeake, VA 23320	\$19 (fee)	2007
042	P	12. Precast Component Design and Detailing Services for Oyster Cultivation Pier Cambridge, Maryland	c/o Coastal Precast Systems 1316 Yacht Drive Ste 307 Chesapeake, VA 23320	\$9 (fee)	2008
088	C	13. Buckroe Fishing Pier Hampton, VA	City of Hampton 22 Lincoln Street Hampton, VA 23669	\$67 (fee)	2009
069	P	14. DLH Sports: Foundation Plan for 180,000 SF Metal Building Systems Building	c/o Coastal Precast Systems 1316 Yacht Drive Ste 307 Chesapeake, VA 23320	\$18 (fee)	2008
115	P	15. Lake Smith Weir Virginia Beach, Virginia	Virginia Beach Department of Public Works 2405 Courthouse Dr. Municipal Center, Bldg. 2 Virginia Beach, VA 23456	\$31 (fee)	ongoing
046	P	16. Precast Component Design and Detailing Services for Various Soundwalls Virginia Beach, Hampton, Norfolk, Loudon County Chesapeake, Portsmouth, Virginia	c/o Coastal Precast Systems 1316 Yacht Drive Ste 307 Chesapeake, VA 23320	\$40 (fee)	2010
039	C	17. Harbor Center Parking Garage Recladdiug	City of Hampton 22 Lincoln Street Hampton, VA 23669	\$30 (fee)	2006
104	P	18. Dam Neck Road Storm Drainage Study	Virginia Beach Department of Public Works 2405 Courthouse Dr. Municipal Center, Bldg. 2 Virginia Beach, VA 23456	\$6 (fee)	2009
048	P	19. Grating-Building 137 Electrical Room Veterans Administration Medical Center Portsmouth, VA	VAMC c/o RGD, PE Inc. 1225 West 26th Street Norfolk, VA 23508	\$6 (fee)	2010

11. Project Examples, Last 5 Years					
Profile Code	"P", "C", "JV", or "IE"	Project Name and Location	Owner Name and Address	Cost of Work (in Thousands)	Completion Date (Actual or Estimated)
096	C	20. Queens Lake Transfer (Sewage Pump) Station County of York, Virginia	County of York Dept of Development Services 105 Service Drive PO Box 532 Yorktown, VA 23690-0532	\$21 (fee)	Ongoing
096	C	21. Pipe Restraints and Thrust Blocks Various Locations and Pipelines in Chesapeake and Virginia Beach, VA	c/o URS CORPORATION 277 Bendix Road, Suite 500 Virginia Beach, VA 23452	\$10 (fee)	Ongoing
042	C	22. Dredge Transfer Station Virginia Beach, Virginia	Virginia Beach Department of Public Works 2405 Courthouse Dr. Municipal Center, Bldg. 2 Virginia Beach, VA 23456	\$25 (fee)	Ongoing
052	C	23. Maruchan Process Improvements Chesterfield, Virginia	Maruchan, USA c/o JP Harvey Engineering 29 N Kings Way Hampton, VA 23669-3503	\$10 (fee)	2009
048	P	24. Norfolk State Library Cold Formed Framing Component Design and Detailing Norfolk, Virginia	c/o Virginia Drywall 1413 Air Rail Avenue Virginia Beach, VA 23455	\$6 (fee)	2010
096	C	25. Outfall Repairs, Chesapeake-Elizabeth River Plant Virginia Beach, Virginia	HRSD 1436 Air Rail Avenue Virginia Beach, VA 23455	\$29 (fee)	Ongoing
115	C	26. Intake Structure, Stumpy Lake Virginia Beach, Virginia	Virginia Beach Department of Public Works 2405 Courthouse Dr. Municipal Center, Bldg. 2 Virginia Beach, VA 23456	\$3 (fee)	2005
096	C	27. Clarifier 6 Repairs HRSD Plant Newport News, Virginia	HRSD c/o Qualicon PO Box 3050 Chesapeake, VA 23327-3050	\$1 (fee)	2010
046	C	28. Richneck Road Guards Newport News, Virginia	City of Newport News 2400 Washington Avenue Newport News, VA 23607	\$3 (fee)	2010
088	C	29. Elizabeth River Trail Phase 3A Elevated Wood Framed Walkway Structure Norfolk, VA	City of Norfolk Department of Public Works City Hall, Room 700, 810 Union Street Norfolk, VA 23510	\$22 (fee)	Ongoing
088	C	30. Haven Creek Walking Path Elevated Wood Framed Walkway Structure, Norfolk, VA	City of Norfolk Department of Public Works City Hall, Room 700, 810 Union Street Norfolk, VA 23510	\$27 (fee)	Ongoing

12. The foregoing is a statement of facts

Signature: 

Name and Title: Jan M Harris, PE: President

Title: August 9, 2010