

**STANDARD FORM (SF)**

**254**

Architect-Engineer  
And Related Services  
Questionnaire

1. Firm Name/Business Address:

**CARROLL ENGINEERING, INC.**  
**215 Schilling Circle, Suite 102**  
**Hunt Valley, MD 21031**  
**DUNS #06-323-4975**

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

2. Year Present Firm Established : **1972**

3. Date Prepared: **January 2012**

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

- X  A. Small Business  
 B. Small Disadvantaged Business  
X  C. Woman-owned Business

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

N/A

**Richard J. Carroll, Consulting Engineer – 1965**

6. Names of not more than Two Principals to Contact: Title/Telephone

- 1) **Judith A. Carroll, P.E., President (410) 785-7423**  
2) **Dennis W. Barnes, Director of Marketing (410) 785-7423**

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

Hunt Valley, Maryland Tel (410) 785-7423 18 personnel  
Fax (410) 771-1313  
E-mail: jcarroll@ceengineering.com  
E-mail: dbarnes@ceengineering.com

7a. Total Personnel **18**

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

<u>2</u> Administrative	Electrical Engineers	Oceanographers
Architects	Estimators	Planners: Urban/Regional
Chemical Engineers	Geologists	Sanitary Engineers
<u>4</u> Civil Engineers	Hydrologists	Soils Engineers
<u>1</u> Construction Inspectors	Interior Designers	Specification Writers
<u>4</u> Draftsmen	<u>1</u> Landscape Architects	<u>6</u> Structural Engineers
Ecologists	Mechanical Engineers	Surveyors
Economists	Mining Engineers	Transportation Engineers

9. Summary of Professional Services Fees

Received: (Insert index number)

Last 5 Years (most recent year first)

	2011	2010	2009	2008	2007
Direct Federal contract work, including overseas	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
All other domestic work	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>
All other foreign work *					

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

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

Experience Profile Code Numbers  
for use with questions 10 and 11

- 001 Acoustics, Noise Abatement
- 002 Aerial Photography
- 003 Agricultural Development; Grain Storage; Farm Mechanization
- 004 Air Pollution Control
- 005 Airports; Navats; Airport Lighting; Aircraft Fueling
- 006 Airports; Terminals and Hangers; Freight Handling
- 007 Arctic Facilities
- 008 Auditoriums and Theatres
- 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 Building (low rise); Shopping 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 Desalination (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 and Forest Products
- 039 Garages; Vehicle Maintenance Facilities; Parking Decks
- 040 Gas Systems (Propane; Natural, etc.)

- 041 Graphic Design
- 042 Harbors; Jetties; Piers; Ship Terminal Facilities
- 043 Heating; Ventilating; Air Conditioning
- 044 Health Systems Planning
- 045 High-rise; Air-Rights-Type Buildings
- 046 Highways; Streets; Airfield Paving; Parking Lots
- 047 Historical Preservation
- 048 Hospital and Medical Facilities
- 049 Hotels; Models
- 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 (Interiors; Display; Theatre, etc.)
- 062 Lighting (Exteriors; Streets; Memorials; Athletic Fields, etc.)
- 063 Materials Handling Systems; 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 Ordnance; Munitions; Special Weapons
- 075 Petroleum Exploration
- 076 Petroleum and Fuel (Storage and Distribution)
- 077 Pipelines (Cross-Country - Liquid and Gas)
- 078 Planning (Community, Regional, Area-wide and State)
- 079 Planning (Site, Installation, and Project)
- 080 Plumbing and Piping Design
- 081 Pneumatic Structures; Air-Support Buildings
- 082 Postal Facilities
- 083 Power Generation; Transmission; Distribution
- 084 Prison and Correctional Facilities
- 085 Product; Machine and Equipment Design

- 086 Radar; Sonar; Radio and Radar Telescope
- 087 Railroad; Rapid Transit
- 088 Recreation Facilities (Parks; Marinas, etc.)
- 089 Rehabilitation (Buildings; Structures; Facilities)
- 090 Resource Recovery; Recycling
- 091 Radio Frequency Systems and Shieldings
- 092 Rivers; Canals; Waterways; Flood Control
- 093 Safety Engineering; Accident Studies; OSHA Studies
- 094 Security Systems; Intruder and Smoke Detection
- 095 Seismic Designs and Studies
- 096 Sewage Collection; Treatment; 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; Flood Plain Studies
- 103 Swimming Pools
- 104 Storm Water Handling and Facilities
- 105 Telephone Systems (Rural; Mobile; Intercom, etc.)
- 106 Testing and Inspection Services
- 107 Traffic and Transportation Engineering
- 108 Towers (Self-Supporting and 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; Ground Water
- 115 Water Supply; Treatment and Distribution
- 116 Wind Tunnels; Research/Testing Facilities Design
- 117 Zoning; Land Use Studies
- 201 \_\_\_\_\_
- 202 \_\_\_\_\_
- 203 \_\_\_\_\_
- 204 \_\_\_\_\_
- 205 \_\_\_\_\_

10. Profile of Firm's Project Experience, Last 5 Years

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)	Profile Code	Number of Projects	Total Gross Fees (in thousands)
1) 011	8	\$ 60	11) 050	100	\$ 130	21) 096	40	\$ 395	30) 117	20	85
2) 017	250	790	12) 058	16	155	22) 097	190	650	29) 115	35	120
3) 024	4	70	13) 059	30	165	23) 101	735	5,250	28) 113	30	130
4) 029	108	520	14) 060	10	65	24) 104	70	500	27) 111	50	165
5) 035	6	65	15) 069	20	60	25) 106	80	300	26) 108	4	20
6) 039	30	115	16) 072	165	880	26) 108	4	20	28) 113	30	130
7) 042	8	55	17) 079	60	275	27) 111	50	165	29) 115	35	120
8) 046	70	240	18) 084	10	210	28) 113	30	130	30) 117	20	85
9) 047	8	75	19) 088	45	195	29) 115	35	120			
10) 048	48	340	20) 089	30	240						

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)
011	C	1 Springfield Mall 12' x 50' Pedestrian Bridges	Vornado Realty Trust	\$120	2012
106		J.C. Penney to Covered Parking Garage	6500 Springfield Mall		
101		Structural Assessment & Repairs/Upgrades	Springfield, Virginia 22150		
017		2 National Harbor – 5 Mixed-Use Buildings	The Peterson Companies	95,000	2009
097	C	Structural Design of 500,000 GSF CMU/ Steel Framing with Pile Foundation System	6710 Oxen Hill Road		
101			National Harbor, Maryland 20745		
024		3 Calvert Cliffs Recreation Park Earthen Dam	Maryland Department of General Services	2,000	2012
079	C	Replacement & Surface Restoration Designs	301 West Preston Street, Room 1402		
104		Calvert County, Maryland	Baltimore, Maryland 21230		
029		4 Maryland School for the Deaf - Elementary	Maryland School for the Deaf	24,000	2009
079	C	School & Family Intervention Center	101 Clarke Place		
101		Civil and Structural Designs; Frederick Campus	Frederick, Maryland 21705		
035		5 Oriole Park at Camden Yards – Inspection	Maryland Stadium Authority	55 (FEE)	2011
106	C	For Waterproofing & Seat Widening Project; Assisted THP Limited	333 West Camden Street, Suite 500		
039		6 Two 8-story, Post-tensioned Concrete Parking	Baltimore, Maryland 21201		
101	P	Garages (Total 4,942 Spaces) Serving the	David S. Brown Enterprises	80,000	2008
097		Owings Mills Metro Centre	100 Painter Mill Road, Suite 900		
042		7 Fort Smallwood Park Fishing Pier – Design of	Owings Mills, Maryland 21213	900	2007
101	P	200 Foot Long Wood-Framed Pier,	Baltimore City Department of Rec & Parks		
046		Concrete Apron Approach and Bulkheads	2600 Madison Avenue		
			Baltimore, Maryland 21217		

046	8	C	West Shore Park at Inner Harbor, Baltimore Site Improvement Designs for Plaza, Roadway, Walkways, Parking and Bus Stops	Baltimore City Department of Rec & Parks 2600 Madison Avenue Baltimore, Maryland 21217	3,600	2009
047	9	C	Donaldson Brown Conference Center Study Civil & Structural Condition Assessment Historic Mansion, Carriage & Grounds	University of Maryland, Baltimore – AEC Div. 220 Arch Street, Office Level 3 Baltimore, Maryland 21201	10 (FEE)	2011
048	10	C	48-Bed Addition to Clifton T. Perkins Medical Center – Civil Engineering Designs for Addition, 1.5-acre Parking Lot & Stormwater Management	Maryland Department of General Services 301 West Preston Street, Room 1402 Baltimore, Maryland 21201	13,000	2009
050	11	C	Uplands Housing Re-Development Structural Designs of 7 Prototype Buildings West Baltimore City	Baltimore Development Corporation 36 S. Charles Street, Suite 1600 Baltimore, Maryland 21201	140,000	2013
058	12	C	L-2 Life Sciences Building – 880 Wolfe Street Civil/Site Improvements for 6-story Laboratory Research & Development Facility	Forest City/New East Baltimore Partnership 855 N. Wolfe Street, Suite 102 Baltimore, Maryland 21205	40,500	2011
059	13	C	Landscape Planting Designs Around Central Garage Building and Storm Water Management Dry Pond Areas	Baltimore City Department of Public Works 200 Abel Wolman Municipal Building Baltimore, Maryland 21202	7,800	2007
060	14	C	Roland Park Branch Library Addition Civil/Site Improvement Designs North Baltimore, Maryland	Enoch Pratt Free Library 400 Cathedral Street Baltimore, Maryland 21202	2,000	2007
069	15	C	MD Western Correctional Institute - Structural Design of 16,000 GSF Pre-Engineered Building For Upholstery Shop, Cumberland	Maryland Department of Public Safety & Correctional Services 6776 Reisterstown Road, Suite 210 Baltimore, Maryland 21215-2341	6,400	2012
072	16	C	Schilling Green I & II, Mid-Rise Office Buildings Structural Designs; LEED Platinum Certification Hunt Valley, Maryland	MERRITT 2066 Lord Baltimore Drive Baltimore, Maryland 21244	34,000	2012
079	17	C	EV Charging Stations, Downtown Locations City R-O-W Planning, Permits, Trenching and Site Restoration Designs	Baltimore City Department of Public Works 200 Abel Wolman Municipal Building Baltimore, Maryland 21202	50	2012
084	18	C	Maryland Correctional Training Center; Civil & Structural Designs for Steamline Replacement And Mechanical Room Additions; Hagerstown	Maryland DPSCS 6776 Reisterstown Road, Suite 210 Baltimore, Maryland 21215-2341	8,500	2011
088	19	C	Stevenson University, Owings Mills Campus Structural Design of Concrete Framed, 3,500 Seat Mustang Stadium	Stevenson University 1525 Greenspring Valley Road Stevenson, Maryland 21153	8,000	2011

089 101 072	C	20 Guilford Avenue Parole & Probation Office Building Rehabilitation Phased Structural/Civil Design of Addition and Renovations	Maryland Department of General Services 301 West Preston Street, Room 1402 Baltimore, Maryland 21230	14,000	2008
096 101 111	C	21 Patapsco Wastewater Treatment Plant Enhanced Nutrient Removal (ENR) Civil & Structural Designs at 6 Locations	Baltimore City Department of Public Works 900 Abel Wolman Municipal Building Baltimore, Maryland 21202	34,000	2012
097 048 101	C	22 Health Care for the Homeless Soils Investigation/Deep Foundation System Baltimore, Maryland	RECMP, LLC 10640 Iron Bridge Road, Suite 2-B Jessup, MD 20794	9,270	2010
101 089 046	C	23 Dunmanway Senior/Recreation Center Structural Engineering Planning & Designs With LEED Certification; Dundalk, Maryland	Baltimore County DPW 111 W. Chesapeake Avenue Towson, Maryland 21204	8,100	2009
104 029 088	C	24 UMBC Patapsco Hall Addition & Quad Upgrade Stormwater Management w/ Micro-Bioretenion Devices Satisfying Current MDE Regulations	University of Maryland, Baltimore County Facilities Management; 1000 Hilltop Circle Baltimore, Maryland 21250	20,000	2011
106 111 017	C	25 Baltimore Hilton Convention Center Hotel Prepared Utility Composite Plan & Construction Coordination For D/B Project by Hensel Phelps	Baltimore Development Corporation 36 S. Charles Street, Suite 1600 Baltimore, Maryland 21201	320,000	2008
108 106 096	P	26 Inspected the Center Column Support Tower for EDI Structure & Drive Unit Platform 12 Secondary Clarifiers at Back River WWTP	Baltimore City Department of Public Works 900 Abel Wolman Municipal Building Baltimore, Maryland 21202	16,000	2010
111 029 046	C	27 SCUB5 Hydronic Piping to Denton Community Civil Engineering for Trenching/Site Restoration Structural Design of CIP Concrete Manholes	University of Maryland, College Park Dept. of A/E/C, 0600 Services Building College Park, Maryland 20742	2,400	2010
113 069 101	C	28 Glenwood Howard County Fire Station 9,600 gsf Pre-Engineered Facility & Site Plans Fire Station Located at Western Regional Park	Howard County Government 3450 Court House Drive Ellicott City, Maryland 21043	1,400	2011
115 046	C	29 Civil Designs/Cost Estimates to Replace Water Line From Frankfurst Ave. to Fairfield Service Building - PVC Service/Critical Area Permitting	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	280	2009
117 079 111	C	30 Ten Year Master Plan Analyses and Reports Catonsville, Dundalk & Essex Campuses Visits/Research/Campus Plans/Land Usage	Community College of Baltimore County 7200 Sollers Point Road Baltimore, Maryland 21222	24 (FEE)	2011
12. The foregoing is a statement of facts			Date:	January 2012	
Signature: <i>Judith A. Carroll</i>			Typed Name and Title: <u>Judith A. Carroll, P.E., President</u>		