

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: **June 2011**

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:

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@ceiengineering.com
E-mail: dbarnes@ceiengineering.com

7a. Total Personnel **18**

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

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

9. Summary of Professional Services Fees

Received: (Insert index number)

Last 5 Years (most recent year first)

	2010	2009	2008	2007	2006
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 *	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

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 Photogrammetry
- 003 Agricultural Development; Grain Storage; Farm Mechanization
- 004 Air Pollution Control
- 005 Airports; Navoids; 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 (Sitos; 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)
1) 011	4	\$ 40	11) 052	19	\$ 140	21) 096	30	\$ 345
2) 017	220	710	12) 058	15	155	22) 097	210	700
3) 024	6	75	13) 059	28	160	23) 101	730	4,450
4) 029	90	480	14) 060	10	65	24) 104	75	510
5) 035	6	65	15) 069	20	60	25) 106	80	300
6) 039	26	110	16) 072	157	810	26) 108	4	20
7) 046	70	240	17) 079	60	280	27) 111	45	145
8) 047	8	75	18) 084	15	235	28) 113	30	130
9) 048	35	320	19) 088	44	195	29) 115	38	120
10) 050	97	910	20) 089	20	200	30) 117	20	85

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 Bridge Inspection, Evaluation & Engineering for Baltimore County On-Call Contract	Baltimore County DOT 111 W. Chesapeake Avenue Towson, Maryland 21204	\$15 (FEE)	2006
039	C	2 Structural Designs for CVS Stores In Mid-Atlantic Region Completed 40 Stores to Date	Carter-Burgess 201 N. Charles Street, 9 th Floor Baltimore, Maryland 21201	31,000	2008
024	C	3 Calvert Cliffs Recreation Park Dam, Surface Restoration and Upgrade Designs Calvert County, Maryland	Maryland Department of General Services 301 West Preston Street, Room 1402 Baltimore, Maryland 21230	2,000	2012
079	C	4 Maryland School for the Deaf - Elementary School & Family Intervention Center Civil and Structural Designs; Frederick Campus	Maryland School for the Deaf 101 Clarke Place Frederick, Maryland 21705	24,000	2009
106	C	5 Oriole Park at Camden Yards - Inspection For Waterproofing & Seat Widening Project; Assisted THP Limited	Maryland Stadium Authority 333 West Camden Street, Suite 500 Baltimore, Maryland 21201	55 (FEE)	2011
097	P	6 Two 8-story, Post-tensioned Concrete Parking Garages (Total 4,942 Spaces) Serving the Owings Mills 5-Story Metro Center	David S. Brown Enterprises 100 Painter Mill Road, Suite 900 Owings Mills, Maryland 21213	80,000	2008
104	C	7 Reconstruction of Fulton Avenue Preparation of Base Sketches, Repair Recommendations & Storm Drain Inlet Survey	Baltimore City Department of Transportation 417 East Fayette Street, Room 615 Baltimore, Maryland 21202	3,000	2006

047	C	8 Woodstock Equestrian Center - Historic Structures Rehabilitation inc. 1700s Barn Montgomery County, Maryland	Maryland National Capital Park & Planning 9500 Brunnett Avenue Silver Spring, Maryland 20901	1,500	2006
048	C	9 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	C	10 Section 504 Upgrades at 40+ Developments Site Improvements and Structural Upgrades For Handicap Accessibility	Housing Authority of Baltimore City 417 E. Fayette Street, Room 301 Baltimore, Maryland 21202	18,000	2007
052	C	11 Closet Maid Tilt-Up Concrete Industrial Plant/Warehouse Facility Grantsville, Maryland	Horton, Harley & Carter 715 S. Howard Street, Suite 200 Tampa, Florida 33606	30,000	2007
058	C	12 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	C	13 Landscape Planting Design/Plan 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	C	14 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	C	15 CCBC Catonsville Campus Print Shop Facility Pre-Fabricated, 2-story Building along with Site Improvement and Foundation Designs	Community College of Baltimore County 800 South Rolling Road Baltimore, Maryland 21228-5381	850	2006
072	C	16 National Harbor – 5 Mixed-Use Buildings Structural Design of 500,000 GSF CMU/ Steel Framing with Pile Foundation System	The Peterson Companies 6710 Oxen Hill Road National Harbor, Maryland 20745	100,000	2009
079	C	17 Dunmanway Senior/Recreation Center Civil/Site & Structural Study/Planning/Designs With LEED Certification; Dundalk, Maryland	Baltimore County DPW 111 W. Chesapeake Avenue Towson, Maryland 21204	8,100	2009
084	C	18 Maryland Correctional Training Center; Civil & Structural Designs for Steamline Replacement And Mechanical Room Additions; Hagerstown	Maryland Department of Public Safety & Correctional Services 6776 Reisterstown Road, Suite 210 Baltimore, Maryland 21215-2341	8,500	2011
088	C	19 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

089	20 Guilford Avenue Parole & Probation Office Building Rehabilitation Phased Structural/Civil Design of Addition and Renovations	C	Maryland Department of General Services 301 West Preston Street, Room 1402 Baltimore, Maryland 21230	14,000	2008
096	21 Patapsco Wastewater Treatment Plant Enhanced Nutrient Removal (ENR) Civil & Structural Designs at 6 Locations	C	Baltimore City, Department of Public Works 900 Abel Wolman Municipal Building Baltimore, Maryland 21202	34,000	2012
097	22 Health Care for the Homeless Soils Investigation/Deep Foundation System Baltimore, Maryland	C	RECMP, LLC 10640 Iron Bridge Road, Suite 2-B Jessup, MD 20794	9,270	2010
101	23 Structural Investigation of Observation Deck To Convert from Exhibit to Meeting Space BWI International Airport	C	Maryland Aviation Administration, OEMC P. O. Box 8766 BWI Airport, Maryland 21240-0766	100	2009
104	24 UMCP Storm Drain Improvements Trenching Detail, Erosion/Sediment Control & Maintenance-of-Traffic Issues	C	University of Maryland, College Park Dept. of A/E/C, 0600 Services Building College Park, Maryland 20742	650	2008
106	25 Baltimore Hilton Convention Center Hotel Prepared Utility Composite Plan & Construction Coordination For D/B Project by Hensel Phelps	C	Baltimore Development Corporation 36 S. Charles Street, Suite 1600 Baltimore, Maryland 21201	320,000	2008
108	26 Inspected the Center Column Support Tower for EDI Structure & Drive Unit Platform 12 Secondary Clarifiers at Back River WWTP	P	Baltimore City, Department of Public Works 900 Abel Wolman Municipal Building Baltimore, Maryland 21202	16,000	2010
111	27 SCUB5 Hydronic Piping to Denton Community Civil Engineering for Trenching/Site Restoration Structural Design of CIP Concrete Manholes	C	University of Maryland, College Park Dept. of A/E/C, 0600 Services Building College Park, Maryland 20742	2,400	2010
113	28 Glenwood Howard County Fire Station 8,000 gsf Pre-Engineered Facility & Site Plans Fire Station Located at Western Regional Park	C	Howard County Government 3450 Court House Drive Ellicott City, Maryland 21043	1,400	2011
115	29 Civil Designs/Cost Estimates to Replace Water Line From Frankurst Ave. to Fairfield Service Building - PVC Service/Critical Area Permitting	C	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	280	2009
117	30 Ten Year Master Plan Analyses and Reports Catonsville, Dundalk & Essex Campuses Visits/Research/Campus Plans/Land Usage	C	Community College of Baltimore County 7200 Sollers Point Road Baltimore, Maryland 21222	24 (FEE)	2011
12. The foregoing is a statement of facts			Date: June 2011		
Signature: <i>Judith A. Carroll</i>			Typed Name and Title: <u>Judith A. Carroll, P.E., President</u>		