

**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**

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

3. Date Prepared: **January 2012**

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

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

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

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](mailto:jcarroll@ceengineering.com)  
E-mail: [dbarnes@ceengineering.com](mailto: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
Civil Engineers	Hydrologists	Soils Engineers
Construction Inspectors	Interior Designers	Specification Writers
Draftsmen	1 Landscape Architects	6 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	1	1	1	1	1
All other domestic work	6	6	6	6	6
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 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 (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, Areawide 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			
2) 017	250	790	12) 058	16	155	22) 097	190	650			
3) 024	4	70	13) 059	30	165	23) 101	735	5,250			
4) 029	108	520	14) 060	10	65	24) 104	70	500			
5) 035	6	65	15) 069	20	60	25) 106	80	300			
6) 039	30	115	16) 072	165	880	26) 108	4	20			
7) 042	8	55	17) 079	60	275	27) 111	50	165			
8) 046	70	240	18) 084	10	210	28) 113	30	130			
9) 047	8	75	19) 088	45	195	29) 115	35	120			
10) 048	48	340	20) 089	30	240	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)
029		1 UMCP Storm Drain Improvements – SE Campus	University of Maryland, College Park		
104	C	Trenching Detail, Erosion/Sediment Control & Maintenance-of-Traffic Issues	Dept. of A/E/C, 0600 Services Building College Park, Maryland 20742	\$ 650	2008
046					
029		2 Catonsville Campus Learning Resource Center	Community College of Baltimore County		
060	C	Civil/Landscaping Improvements of Plaza, Utility Services, Parking, Roadway, Walkways	800 South Rolling Road Baltimore, Maryland 21228	14,000	2010
059					
029		3 New Gymnasium Facility	Stevenson University		
101	C	Structural Investigation & Designs	1525 Greenspring Valley Road	5,000	2011
035		Owings Mills Campus, Baltimore County	Stevenson, Maryland 21153		
029		4 SCUB 5 Hydronic Piping to Denton Community	University of Maryland, College Park		
046	C	Civil Engineering for Trenching/Site Restoration	Dept. of A/E/C, 0600 Services Building	2,400	2010
111		Structural Design of CIP Manhole Reinforcement	College Park, Maryland 20742		
029		5 UMBC Patapsco Hall Addition and Site	University of Maryland, Baltimore County		
050	C	Improvements to Quad Area – Civil and	1000 Hilltop Circle	18,800	2011
101		Structural Services to KBE (Design/Builder)	Baltimore, Maryland 21250		
029		6 Nanticoke Hall Rehabilitation	Salisbury University		
050	C	For 155 Students – Civil & Structural Designs	18952 E. Fisher Road	8,500	2011
101		Complete Rehabilitation of Shell & Utilities	St. Mary's City, Maryland 20686		
029		7 Horn Point Laboratory – Environmental Info.	University of Maryland Center for		
079	C	Center & BioSafety Level II Laboratory	Environmental Science – Horn Point		
111		Civil/Site Upgrade including Utility Services	202 Horns Point Road, P. O. Box 775 Cambridge, Maryland 21613	1,200	2011

029	050	079	029	101	097	029	048	101	029	079	117	029	101	115	029	101	097	029	079	029	111	101	029	079	029	101	088	029	060	101	029	101	111					
8 Chester & Choptank Halls Rehabilitation Civil/Site Improvements to Whiting Turner (D/B) Grading, Pavement, Landscaping, Utilities, MDE			9 West Village Site Infrastructure Structural Designs of Retaining Walls, Utility Tunnel & Infrastructure Footings			10 UMMC Express Care New Entrance Structural Engineering Services 61 South Greene Street, Baltimore, MD			11 UMCP Shady Grove Campus Site Feasibility/ Facility Part II Program for Bio-Medical Facility Located North of Rockville Campus			12 UMCP School of Journalism Renovation Structural and Civil Designs to 3-story Building and Adjacent Grounds			13 Ludlum Hall Administration Building Structural Evaluation and Design for Renovation & Additions to Main Arnold Campus Building			14 A. V. Williams & Pocomoke Facilities Structural & Civil Input for Facility Flood-proofing and Cathodic Protection Study			15 Civil & Structural Designs to Support the HVAC Upgrade – Chiller Replacement at Tech Center Catonsville, Maryland			16 BSU 10-year Master Plan Field Visits, Site Research, Planning and Utility Capacities for Narratives/Report			17 Owings Mills Campus 3,500 Seat Stadium Structural Designs of Concrete/Steel Framed Athletic "Mustang Stadium"			18 CCBC/BCPL Learning Resource Center Structural Design of 5-story, 100,000 gsf Building as part of Owings Mills Metro Centre			19 Health & Wellness Center – Rehabilitation Designs of Ward & West Halls with Addition Civil/Site & Structural Engineering Services					
C			C			C			C			C			C			C			C			C			C			C			C			C		
Salisbury University 18952 E. Fisher Road St. Mary's City, Maryland 20686			Towson University, Facilities Management 8000 York Road Baltimore, Maryland 21252			University of Maryland, Baltimore 737 West Lombard Street Baltimore, Maryland 21201			University of Maryland, College Park Dept. of A/E/C, 0600 Services Building College Park, Maryland 20742			University of Maryland, College Park Dept. of A/E/C, 0600 Services Building College Park, Maryland 20742			Anne Arundel Community College 101 College Parkway Arnold, Maryland 21012			University of Maryland, College Park Dept. of A/E/C, 0600 Services Building College Park, Maryland 20742			University of Maryland, Baltimore County 1000 Hilltop Circle Baltimore, Maryland 21250			Bowie State University 14000 Jericho Park Road Bowie, Maryland 20715-9465			Stevenson University 1525 Greenspring Valley Road Stevenson, Maryland 21153			David S. Browne Enterprises 100 Painter Mill Road Owings Mills, Maryland 21117			Towson University, Facilities Management 8000 York Road Baltimore, Maryland 21252					
12,500			64,000			500			10 (FEE)			4,000			6,000			35 (FEE)			400			15 (FEE)			8,000			16,200			8,000					
2012			2009			2010			2010			2010			2013			2008			2011			2010			2011			2009			2013					

029 101 115	C	20 Burdick Hall Exterior Envelope & HVAC Structural Improvement Designs with Chilled Water Lines from Manhole #3	Towson University, Facilities Management 8000 York Road Baltimore, Maryland 21252	1,400	2011
029 111 079	C	21 UMCP Utility Services to Prime Engineer RKK for Two On-Call Contract Tasks – Hydronic & Water Lines; Prepared Plans, MOT, ESC	University of Maryland, College Park Dept. of A/E/C, 0600 Services Building College Park, Maryland 20742	800	2010
029 101 106	C	22 Welch Gymnasium Renovation Structural Engineering Condition Assessment, Evaluation and Repair/Upgrade Designs	Goucher College 1021 Dulaney Valley Road Baltimore, Maryland 21204	2,000	2010
029 101 106	C	23 UMBC Gymnasium Dividing Wall Structural Engineering Condition Assessment Of Distressed Wall and Repair Designs	University of Maryland, Baltimore County 1000 Hilltop Circle Baltimore, Maryland 21250	15 (FEE)	2008
029 101 079	C	24 Building C & D Renovation & Addition Civil/Structural for Dental Arts Center Dundalk Campus, Baltimore County	Community College of Baltimore County 7200 Sollers Point Road Baltimore, Maryland 21222	1,400	2008
029 046 101	C	25 Denton Dining Hall, UMCP Civil/Structural Renovation Designs and Upgrade of Loading Dock Area	University of Maryland, College Park Dept. of A/E/C, 0600 Services Building College Park, Maryland 20742	1,800	2010
029 111 115	C	26 UMB 300 Russell Street Facility Civil Engineering/City Developer Agreement For Water Meter/Service Upgrade	University of Maryland at Baltimore 737 West Lombard Street Baltimore, Maryland 21201	100	2012
029 101 097	C	27 Huntsinger Aquatic Center: KBE (Design/Build) Structural Designs for new Pool House With Clear Span Wood Roof Trusses	Hood College 401 Rosemont Avenue Frederick, Maryland 21701	1,400	2011
029 101 097	C	28 Brown School of Business & Leadership Structural Designs of 58,500 gsf Building Owings Mills Campus, Baltimore County	Stevenson University 1525 Greenspring Valley Road Stevenson, Maryland 21153	8,900	2010
029 079 104	C	29 Newell & Richmond Hall Renovation & Quad Upgrade – Civil/Site Engineering under New SWM/ESC MDE Regulations	Towson University, Facilities Management 8000 York Road Baltimore, Maryland 21252	12,500	2012
029 117 079	C	30 Ten Year Master Plan Analysis and Report for Catonsville, Dundalk and Essex Campuses Site Visit/Research/Campus Plans/Land Usage	Community College of Baltimore County 800 South Rolling Road Baltimore, Maryland 21228-5381	24 (FEE)	2010

12. The foregoing is a statement of facts

Signature: Judith A. Carroll

Typed Name and Title: Judith A. Carroll, President

Date:

January 2012