

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

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

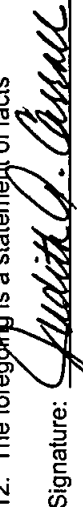
10. Profile of Firm's Project Experience, Last 5 Years

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	\$ 140	21) 096	40	\$ 395	30) 117	20	85
2) 017	250	790	12) 058	16	155	22) 097	190	650	27) 111	50	165
3) 024	4	70	13) 059	30	160	23) 101	735	5,250	28) 113	30	130
4) 029	108	520	14) 060	10	65	24) 104	70	500	29) 115	35	120
5) 035	6	65	15) 069	20	60	25) 106	80	300	30) 117	20	85
6) 039	30	115	16) 072	165	810	26) 108	4	20			
7) 042	8	55	17) 079	60	280	27) 111	50	165			
8) 046	70	240	18) 084	10	235	28) 113	30	130			
9) 047	8	75	19) 088	45	195	29) 115	35	120			
10) 048	48	340	20) 089	30	200						

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)
046					
101	P	1 BWI International Airport, Pier A Site Improvements for Installation of Compactor Concrete Slab, Pavement Striping & Bollards	Maryland DOT, MAA Facilities Dev. & Engr. 991 Corporate Boulevard Linthicum, Maryland 21091	\$ 80	2008
079					
079		2 Route 7 Salt Barn Site Redevelopment Grading/Roadway/Utilities/Storm Water Management/Site Security/ Site Restoration	Maryland DOT, SHA Facilities Management 7491 Connelley Drive Hanover, Maryland 21076	1,100	2011
046	C				
011					
069					
111	C	3 Broening Highway MPA Site – Civil Designs of 1-story Pre-fab Building & Utility Services Coordination w/ Baltimore City DPW	Maryland DOT, MPA Facilities 2310 Broening Highway Baltimore, Maryland 21224	1,400	2012
101					
039					
046	C	4 Francis Scott Key Maintenance Facility Civil/Structural Designs for Renovation/Addition Baltimore County, Maryland	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	200	2008
101					
096					
079	C	5 Owings Mills Maintenance Yard Extension of Sanitary Line to Baltimore County Main along Dolfield Road	Maryland DOT, SHA Facilities Management 7491 Connelley Drive Hanover, Maryland 21076	420	2007
039					
011					
106	C	6 County On-Call Bridge Inspection & Rating Completed Bridge Reports on Seven Baltimore County Bridges	Baltimore County DOT 111 W. Chesapeake Avenue Baltimore, Maryland 21220	30 (FEE)	2007
046					
104					
101	C	7 Reconstruction of South Sharpe Street Excavation to Convention Center Underslab, Underdrain & Light Weight Concrete Backfill	Baltimore City DPW/DOT 300 Abel Wolman Municipal Building Baltimore, Maryland 21202	1,100	2009

046 106 104	C	8 Fulton Avenue Rehabilitation Widen Median, Upgrade Walkways & Resurface Base Survey, Storm Drain Inspection	Baltimore City Department of Transportation 417 East Fayette Street Baltimore, Maryland 21202	850	2007
039 117 046	C	9 West Side Maintenance Yard Site Improvements: Pavements, Utilities, Grading Zoning Variance for Vehicle Storage Setback	Baltimore City Department of Public Works 200 Abel Wolman Municipal Building Baltimore, Maryland 21202	1,800	2009
115 096 039	C	10 LaPlata Maintenance Yard Extension of Sanitary and Water Lines to Town of LaPlata mains; ROW issues	Maryland DOT, SHA Facilities Management 7491 Connelley Drive Hanover, Maryland 21076	690	2007
111 039	C	11 Frederick District Office Civil/Site Evaluation & Design of Gas Line From Buckeystown Pike (MD 85)	Maryland DOT, SHA Facilities Management 7491 Connelley Drive Hanover, Maryland 21076	80	2012
079 104 046	C	12 I-70 Welcome Center in western Maryland Civil Improvements for Site Redesign Utilities, Pavement, Storm Water Management	Maryland Department of Transportation/SHA 701 N. Calvert Street Baltimore, Maryland 21202	2,400	2008
039 111 046	C	13 South Locust Point Marine Terminal 1-story Building & Utility Services Coordination w/ Chesapeake Bay Critical Area	Maryland DOT, MPA Facilities 2310 Broening Highway Baltimore, Maryland 21224	1,500	2009
104 106 039	C	14 SHA Cambridge Maintenance Yard Storm Water Management Pond with Outfall to Adjacent Stream for 12-acre Site	Maryland DOT, SHA Facilities Management 7491 Connelly Drive Hanover, Maryland 21076	14,000	2011
072 106 079	C	15 JFK Administration Building -- Civil & Structural Physical Condition Assessment Narrative Report and Upgrade Cost Estimate	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	8 (FEE)	2009
069 101 097	C	16 Bushes Corner Salt Barn Replacement Spread Footing & Coordination With Pre-Engineered Building Manufacturer	Maryland DOT, SHA Facilities Management 7491 Connelly Drive Hanover, Maryland 21076	1,900	2009
106 089 101	C	17 BWI International Airport - Structural Inspection, Evaluation & Upgrades to the Observation Deck	Maryland Aviation Administration Facilities 991 Corporate Boulevard Linthicum, Maryland 21091	5 (FEE)	2009
101 072 089	C	18 MdTA Headquarter Building Structural Renovation Designs 2310 Broening Highway	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	1,000	2013
046 106	C	19 Baltimore City Roadway Resurfacing Prepared Base and Repair Sketches For 14 Streets under JOC Program	Baltimore City Department of Transportation 417 East Fayette Street Baltimore, Maryland 21202	900	2009

115	C	20 Utility Mapping for Districts 6 – Identified Utility Service Providers, Contacts, Collected Record Plans, Mobilize Locators and Prepare Plans	Maryland DOT, SHA Facilities Management 7491 Connelly Drive Hanover, Maryland 21076	25 (FEE)	2012
046 104	C	21 Pennsylvania Ave./Orchard St. Intersection Civil Geometry Plan and Stormwater Management Hydraulics Calculations	Baltimore City Department of Transportation 417 East Fayette Street Baltimore, Maryland 21202	500	2009
096 072	C	22 MdTA Broening Highway Complex Sanitary Sewer Ejector Pump/Force Main Chesapeake Bay Critical Area Permitting	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	120	2011
106 046 072	C	23 Statewide Assessment of Northeastern MdTA Facilities & Grounds; Prepared VFA Database of Assessments, Recommendations & Costing	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	60 (FEE)	2010
104 079 046	C	24 Route 1 Maintenance/Salt Dome Yard Civil Improvements for Site Redesign Utilities, Pavement, Storm Water Management	Maryland Department of Transportation/SHA 701 N. Calvert Street Baltimore, Maryland 21202	2,200	2008
115 046	C	25 MdTA Fairfield Water Service Replacement Trenching Detail, MDE/CBCA Coordination Maintenance-of-Traffic	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	350	2009
115 046	C	26 SHA Owings Mills Maintenance Yard Civil Designs for New 2" Water Service; Plans, Profile and Site Restoration Details	Maryland DOT, SHA Facilities Management 7491 Connelly Drive Hanover, Maryland 21076	50	2012
104 072 046	C	27 Administration Building Annex for Public Safety Civil Design for 8,000 s.f. Addition Utility Relocations/Storm Water Management	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	1,700	2007
101 111 039	C	28 JFK and Hatem Toll Plazas off I-95 Civil/Site Improvement Designs for Emergency Generator Pads and Utilities	Maryland Transportation Authority 300 Authority Drive Baltimore, Maryland 21222	20 (FEE)	2006
106 072	C	29 MVA Westminster Branch Center Structural Earthwork Damage Assessment Visited Field & Issued Report	Maryland Motor Vehicle Administration 6601 Ritchie Highway, N.E. Glen Burnie, Maryland 21061	5 (FEE)	2011
079 046 039	C	30 EV Charging Stations – 3 Downtown Locations Under I-83 Bid Documents to SHA Format Trenching & Civil Site Restoration Designs	Baltimore City DPW/DOT 300 Abel Wolman Municipal Building Baltimore, Maryland 21202	250	2012
12. The foregoing is a statement of facts			Date:		January 2012
Signature: 			Typed Name and Title: <u>Judith A. Carroll, P.E., President</u>		