Complete this Green Vendor List (GVL)_Qualifications document and upload it with your submission. This document should showcase three to five projects that demonstrate your experience in specific green infrastructure installations and specialties. Projects must have been completed within the last five years or ongoing projects that are more than 50% complete. Only one Customer Service Approach description (at end of form) is required. Copy and paste the Project Information section below as needed per project.

Project Information:

Project Name: Click here to enter text.
Address/City/State/Zip: Click here to enter text.

Type of green infrastructure installed (check all that apply):

☐Green Roofs	☐ Rain Barrels	☐ Rain Gardens
☐ Constructed Wetlands	☒ Cisterns	☐ Soil Amendments
☐ Native Landscaping	☐ Stormwater Trees	☒ Other, Storm Water collection & reuse.
☐ Porous Pavement	☐ Bioswales	

Area of specialty for this project (check all that apply):

☒Design	☐Landscaping	☐Downspouts and Gutters
☒Engineering	☐Maintenance	☐Inspection
☐Construction	☒Plumbing	

Project (Property) Owner Information: N/A Engineering Firm
Owner's Name: Click here to enter text.
Address/City/State/Zip: Click here to enter text.
Phone: Click here to enter text.
Email: Click here to enter text.

Project Construction Information: N/A – Engineering Firm
Construction Management Vendor: Click here to enter text.
Project Manager Name: Click here to enter text.
Project Manager's Vendor history: ☐currently employed ☐no longer employed ☐otherClick here to enter text.
Email: Click here to enter text.
Contract information (if applicable): Click here to enter text.
Final Contract Amount (contracted and amended if applicable): Click here to enter text.

Construction Start date (contracted): Click here to enter a date.
Construction Start date (actual): Click here to enter a date.
Construction End date (contracted): Click here to enter a date.
Construction End date (actual): Click here to enter a date.

Was the project completed on time? ☒Yes ☐No; Explanation: Click here to enter text.
Was the project completed on budget? ☒Yes ☐No; Explanation: Click here to enter text.

Was the project completed to the owner's satisfaction? ☒Yes ☐No; Explanation: Click here to enter text.

Project Description (Be sure to include cost information, photos, and a detailed description of the work performed by the Vendor applicant): Click here to enter text.

See Attached Project Descriptions:

Unfortunately, we do not have construction information for the following projects, as we are an MEP Design Engineering Firm, and we are a sub-consultant to a Prime that has access to all the construction information.

eCasa Affordable Net Zero Prototype

Washington DC

Completion:

2017

At IBC, we see great design as an imperative for all people to lead productive lives in functioning communities. We reject the principle that consuming fewer resources should cost more money and collaborate with our partners to find creative ways to overcome first costs and accrue greater value to the project. This prototype development flips the flawed notion that affordability and sustainability are mutually exclusive. The team will apply innovative design elements and creative financing mechanisms to reprogram traditional subsidy programs into sources of sustainable investment, creating a home that is affordable to purchase and operate. Designed to meet the Department of Energy's Zero Energy Ready Homes program parameters, these 12 row-house style homes will contain many sustainable features, including:

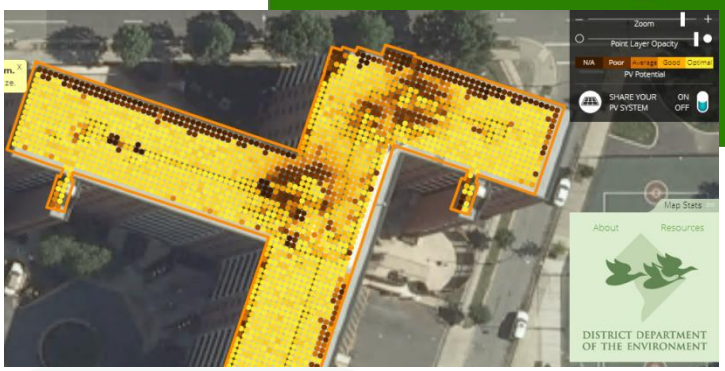
- Super-tight building envelope (Passive House)
- Passive design elements to maximize daylight, solar heat, and natural ventilation
- Right-sized, zoned HVAC system with ventilation decoupled from space conditioning
- Energy recovery ventilation
- Low Impact Development strategies to harvest rainwater and reduce stormwater runoff
- High-efficiency lighting and appliances
- Rooftop solar panels to offset remaining energy demand and generate revenue for owners
- Homes will be available for purchase to families making 50, 80, and 120% of Area Median Income.

Solar Mapping

Washington DC

Completion:

2017



As part of the city's Sustainable D.C. program, Washington D.C. hopes to reach a 2.5 percent solar energy usage goal by 2023. IBC Engineering is part of a team assisting the district to move toward that goal in several capacities.

This research, conducted in collaboration with The George Washington University's Solar Institute, helps inform renewable energy and energy assistance programs in the District of Columbia. Demographic and property tax data were used to identify high-priority areas of the city.

Annual energy profiles of the buildings and neighborhoods were developed by applying regionally representative consumption and end-use values to the floor area of residential buildings. Finally, a constant value approach was applied to quantify the available rooftop solar resource, estimated cost of development, and projected value of energy produced, in the aggregate and for indicative dwellings. This research continues to be refined with integration of time-series energy demand and supply, as well as more granular LIDAR maps of roof area

Westlawn Gardens, Phase 1 & 2

Milwaukee, Wisconsin

Size:

75 acres

Construction Cost:

$100 Million

Completion:

In-Construction

Sustainable MEP Design: LEED-ND Silver Certification: LEED-HOMES Platinum Certification

Originally constructed in 1952 Westlawn is the Wisconsin's largest public housing project. Largely untouched in the 60 years since, the 726 units were in dire disrepair with mold problems, leaking roofs and cracked foundations. The redevelopment plan began with razing 332 public housing units in Westlawn's eastern half to accommodate 410 new, energy efficient living units.

The project includes a mixture of multifamily buildings, townhomes and single-family homes accommodating over 300 residents. The neighborhood includes several sustainable features, including a 30,000 square foot community garden and sustainable food production program run by a local non-profit, a ground source heat exchange system for the apartment buildings, rain gardens and bioswales for onsite stormwater retention, weather-resistant low maintenance exterior finishes and a reconnected street grid that supports walkability.

The townhouses are all individually metered to allow residents full control and responsibility for family energy costs. All units have been constructed to allow for the potential future installation of photovoltaic panels and cool roofs have been deployed on the mid-rise multifamily buildings. One entire block contains 14 homes designed and constructed as "Healthy Homes" with interior features and exterior landscaping designed to reduce exposure to indoor allergens for persons with asthma or allergies.

Since its completion, Westlawn Gardens has earned several accolades, including the first LEED for Homes Platinum certification in Milwaukee

Customer Service Approach

Please provide a description of your firm's customer service approach. This section should give the reviewer a good idea of how conflicts with clients are resolved or how issues that arise during work are resolved. Please provide your customer service approach and at least one example of how your firm has implemented this approach. Click here to enter text.

Projects are often complex and multifaceted. A key factor to good project performance is the Project Manager's ability to integrate personnel from many disciplines into an effective work team. We expect our Project Manager's to communicate effectively with all organizational levels regarding both project objectives and decisions.

Additionally, regularly scheduled status review meetings are an important communication vehicle, as well as, effective project planning, contingency planning, securing of commitments, and involving top management which help to avoid or minimize many conflicts before they impede project performance.

When conflicts do arise, we seek to find the root cause and come to a collaborative resolution that is agreeable to all members of the team.