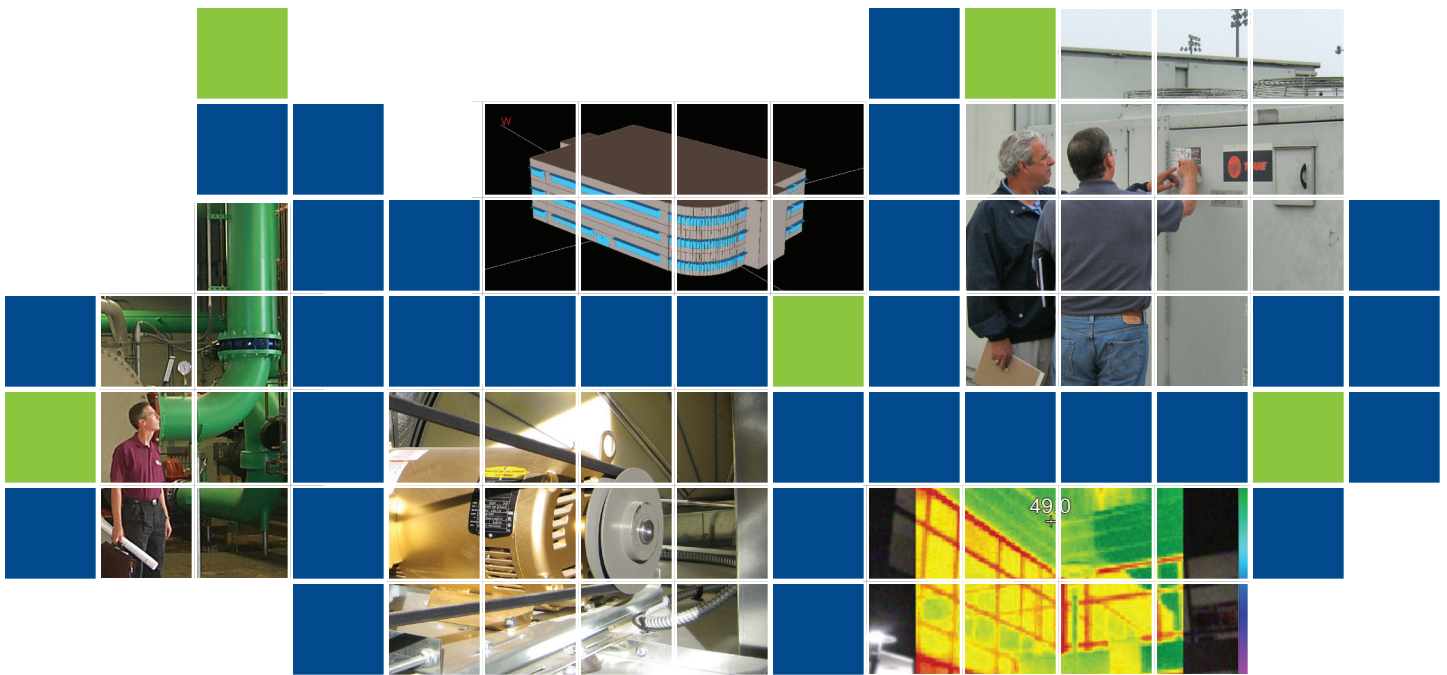


General Services Administration
Federal Supply Service

Authorized Federal Supply Schedule Price List



Schedule Title: 03FAC, Facilities Maintenance and Management

Contract No.: GS-10F-0604N

SINs: 871-202, 871-203, 871-206, 871-207, 871-208, 871-210, 871-211 & 871-100

Business Size: Large

Contract Period: September 26, 2013 through September 25, 2018

Effective Date: August 11, 2014

Firm Background

Farnsworth Group has a long history of providing quality consultant services to a broad range of public and private-sector clientele. The roots of our group are in Central Illinois and extend back to the 1890s. Since that time, we have grown into an employee-owned, multi-disciplined company with offices in seven states. Through a series of mergers with established firms, we emerged in the 1990s as an ENR Top 500 Design Firm, ranking #213 in 2014.

Today, Farnsworth Group offers the following professional services:

- Building commissioning and retro-commissioning
- LEED® consulting
- Sustainable consulting
- Energy audits
- Indoor air quality

Our team of nationally recognized experts includes 32 full-time commissioning professionals, including 11 professional engineers who hold registrations across the United States. They are supported by the diverse knowledge of our full-service A/E design teams, which provide a range of services from site development to sustainable building design.

Farnsworth Group has been involved in more than 1,000 commissioning and energy-related projects, providing varying levels of services. We have worked for clients in several markets, including federal and military, state and local governments, healthcare, laboratory, education and commercial / retail facilities. In addition, members of Farnsworth Group's staff have served on standing committees that have developed the quality process for commissioning as accepted by the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) in Guideline 1. Our teams have significant experience training building facility operations staff. In addition, Farnsworth Group has developed and presents a 5-day commissioning course for various regional and national organizations, including the BCA and the University of Wisconsin-Madison. The course curriculum requires intimate knowledge of the process and the ability to teach a wide variety of trainees.

Contact Information

GSA REGION	Farnsworth Group Contact	Phone	Email
New England (1)	Don Forrest	309.689.9888	dforrest@f-w.com
Northeast & Caribbean (2)	Don Forrest	309.689.9888	dforrest@f-w.com
Mid-Atlantic (3)	Don Forrest	309.689.9888	dforrest@f-w.com
Southeast (4)	Don Forrest	309.689.9888	dforrest@f-w.com
Great Lakes (5)	Don Forrest	309.689.9888	dforrest@f-w.com
Heartland (6)	Don Forrest	309.689.9888	dforrest@f-w.com
Greater Southwest (7)	Karen Crilly	303.692.8838	kcrilly@f-w.com
Rocky Mountain (8)	Karen Crilly	303.692.8838	kcrilly@f-w.com
Pacific Rim (9)	Oliver Wu	909.912.1860	owu@f-w.com
Northwest & Arctic (10)	Karen Crilly	303.692.8838	kcrilly@f-w.com
National Capital (11)	Don Forrest	309.689.9888	dforrest@f-w.com



Customer Information

Ia. Special Item Numbers

871-
202

Energy Management Planning and Strategies

A four-phase Comprehensive Energy Management Solution consisting of all four phases of an energy project and could pertain to a variety of energy projects that include, but are not limited to, renewable energy, sustainable energy, and energy efficient buildings certification programs such as LEED.

1. **Consulting/Auditing/Energy Management Solutions** – This includes the strategic planning, energy assessments, e.g., feasibility, vulnerability and other detailed assessments, developing and executing of energy audits, audit plans and energy management solutions.
2. **Concept Development and Requirements Analysis** – This includes the analysis of the audit results and outlined requirements to design a detailed energy management project concept.
3. **Implementation and Change Management** – This includes the implementation and integration of more energy efficient practices and systems and training in using them effectively.
4. **Measurement and Verification** – This includes the performance assessment and measurement of the effectiveness and energy efficiency of the project and can include long term monitoring, verification of savings and benchmarking.

871-
203

Training on Energy Management

Including, but not limited to, reducing energy consumption, mitigating risk with energy systems, operating systems efficiently, making energy efficient system choices, and energy efficient building certification programs such as LEED.

871-
206

Building Commissioning Services

Including, but not limited to, comprehensive building commissioning services on new construction, major modernization projects, and existing energy consuming buildings and facilities designed to ensure the building systems are designed and built to operate as efficiently as possible. This includes re-commissioning and retro-commissioning services. Energy efficient buildings certification programs such as LEED may be included.

871-
207

Energy Audit Services

Including, but not limited to, developing, executing, and reporting on audit plans and/or performing energy and water audit services. Energy audits may range from cursory to comprehensive. Including, but not limited to, data collection, data analysis, benchmarking with tools such as Energy Star, and written recommendations of suggested upgrades of electrical and mechanical infrastructure, including their impact on energy consumption and pollution. Can include recommendations for using alternative Energy Sources. Energy efficient buildings certification programs such as LEED may be included.

871-
208

Resource Efficiency Management (REM)

Including, but not limited to, providing information on possible steps that will improve energy efficiency. This information shall include estimates of cost savings and environmental benefits. This includes onsite analysis of current operations, equipment, and energy purchasing patterns. This may include the services of a resource efficiency advocate for individual or aggregated building(s) in order to maximize resource efficiency. Energy efficient buildings certification programs such as LEED may be included.

871-
210

Water Conservation

Services and consulting related to the reduction of water usage, reduction of potable water consumption intensity, reduction of industrial, landscaping and agricultural water consumption, promoting and implementing water reuse strategies, recycling of water for multiple purposes, retention of water; improvement of water quality and water flow. Also includes consulting on storm water run-off and property hydrology maintenance and restoration. These services can include, but are not limited to, facility water audits, water balance, and water system analysis.

871-
211

Energy Consulting Services

Including, but not limited to, providing expert advice, assistance, guidance or counseling on energy related projects or initiatives to assist agencies in adhering to energy legislation and policy. Consulting services covered by this SIN include energy management or strategy energy program planning and evaluations; energy related studies, analyses, benchmarking and reporting such as feasibility studies, vulnerability assessments, and energy security assistance in meeting energy efficient building standards such as Leadership in Energy and Environmental Design (LEED), Green Globes and Energy Star; advisory services in obtaining alternative financing for energy projects such as Energy Savings Performance Contracts, Power Purchase Agreements or Enhanced Use Leases. Consulting on carbon emissions trading programs, where to obtain renewable energy credits/certificates, greenhouse gas measurement and management, strategic sustainability performance planning, and obtaining high-performance sustainable buildings.

871-
100

Ancillary Supplies and/or Services Relating to Energy Management, Water Conservation, and Support Services

Ancillary supplies and/or services are support supplies and/or services which are not within the scope of any other SIN on this schedule. These supplies and/or services are necessary to complement a contractor's offerings to provide a solution to a customer requirement. This SIN may be used for orders and blanket purchase agreements that involve work on a project that is solely associated with the supplies and/or services purchased under this schedule.

Customer Information

Ib. Lowest priced model number and lowest unit price for that model for each special item number: N/A

Ic. Hourly Rates (SINs 871-202, 871-203, 871-206, 871-207, 871-208, 871-210, 871-211)

Labor Category	Description	Education	2014 Rate	Discount	GSA Price
Principal	Responsible for supervising and directing activities of assigned staff.	BS/BA + 25 yrs. Experience	\$192.00	5%	\$183.78
Engineering Manager*	Responsible for supervising and directing activities of assigned staff in this field of specialization.	BS/BA + 15 yrs. Experience	\$169.00	5%	\$161.76
Senior Project Engineer*	Responsible for project planning and organization for multiple large, complex projects.	BS/BA + 15 yrs. Experience	\$152.00	5%	\$145.49
Project Engineer*	Responsible for project management of single large projects or multiple small projects.	BS/BA + 10 yrs. Experience	\$136.00	5%	\$130.18
Senior Engineer*	Applies intensive and diversified knowledge of profession, makes decisions independently.	BS/BA + 6 yrs. Experience	\$123.00	5%	\$117.73
Engineer*	Works on technical aspects of project in his field of specialization.	BS/BA + 8 yrs. Experience	\$117.00	5%	\$111.99
Engineering Intern II	Performs assignments designed to develop work knowledge and abilities. Receive close supervision from senior professional staff.	BS/BA + Intern Reg + 3-5 yrs. Experience	\$110.00	5%	\$105.29
Engineering Intern I*	Performs assignments designed to develop basic knowledge of standards and practices. Receives close supervision from senior professional staff.	BS/BA + Intern Reg + 0-2 yrs. Experience	\$99.00	5%	\$94.76
Designer	Performs routine assignments of substantial variety and complexity. Supervised by higher lever technical or professional staff.	BS/BA or 10 yrs. Experience	\$119.00	5%	\$113.90
Senior Technician	Performs standardized assignments competently. Easily uses accepted formulas and standards. Supervised by higher lever technical or professional staff.	6 yrs. Experience + certification	\$95.00	5%	\$90.93
Technician	Entry level position for individuals with specialized CADD training. Receives direction from senior technician.	High School or equivalent	\$86.00	5%	\$82.32
Administrative Support	Individual performs wide variety of routine and special task with established parameters. Requires use of independent judgment.	High School + 2 yrs. experience	\$65.00	5%	\$62.22
Assistant	Entry level position performing simple routine tasks. Closely supervised by higher lever technicians.	High School or equivalent	\$65.00	5%	\$62.22

*Internally changed labor category from "Professional" to "Engineer"

Printing Fees (SIN 871-100)

8.5 x 11 @ \$.15/copy

8.5 x 14 @ \$.15/copy

11 x 17 @ \$.15/copy

Bond plots @ \$.35/sq. ft.

Color @ \$4.00/sq. ft.

2. **Maximum Order:** \$1,000,000.00
3. **Minimum Order:** \$100.00
4. **Geographic coverage (delivery area):** Nationwide
5. **Point(s) of production:**

Rancho Cucamonga, California	Champaign, Illinois
Colorado Springs, Colorado	Normal, Illinois
Denver, Colorado	Peoria, Illinois
Fort Collins, Colorado	Shorewood, Illinois
Duluth, Georgia	St. Louis, Missouri
Bloomington, Illinois	De Forest, Wisconsin
6. **Discount from list prices:** 5%
7. **Quantity discounts:** N/A
8. **Prompt payment terms:** Net 30 days
- 9a. Purchase cards **accepted equal to or less than** micro-purchase threshold.
- 9b. Purchase cards **are not accepted above** micro-purchase threshold.
10. **Foreign items (List items by country of origin):** N/A
- 11a. **Time of Delivery:** Any required data/deliverables at the ordering level will be specified or negotiated in the agency's order.
- 11b. **Expedited Delivery:** N/A
- 11c. **Overnight and 2-day delivery is available.** Schedule customer may contact Contractor for rates.
- 11d. **Urgent Requirements:** N/A
12. **F.O.B. point(s):** Standard mail, courier, or expedited shipping charges

13a. Ordering addresses:

9431 Haven Ave. Suite 117 Rancho Cucamonga, CA 91730	3175 Satellite Blvd., Bldg 600, Ste 105 Duluth, GA 30096	7707 N. Knoxville Ave., Suite 100 Peoria, IL 61614
4755 Forge Road, Suite 150 Colorado Springs, CO 80907	2709 McGraw Drive Bloomington, IL 61704	1144 W. Jefferson St., Suite 300 Shorewood, IL 60404
8055 East Tufts Ave., Suite 850 Denver, CO 80237	1819 S. Neil St., Suite F Champaign, IL 61820	20 Allen Ave., Suite 200 St. Louis, MO 63119
1612 Specht Point Road, Suite 105 Fort Collins, CO 80525	200 W. College Ave., Suite 301 Normal, IL 61761	821 S. Main Street DeForest, WI 53532

13b. Ordering Procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs) and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

14. Payment address: Farnsworth Group, Inc.
P.O. Box 843219
Kansas City, MO 64184-3219

15. Warranty provisions: N/A

16. Export packing charges, if applicable: N/A

17. Terms and conditions of Government purchase card acceptance: (See 9b.)

18. Terms and conditions of rental, maintenance, and repair (if applicable): N/A

19. Terms and conditions of installation (if applicable): N/A

20. Terms and conditions of repair parts indicating date of parts price list and any discounts from list prices (if applicable): N/A

20a. Terms and conditions for any other services (if applicable): N/A

21. List of services and distribution points (if applicable): N/A

22. List of participating dealers: N/A

23. Preventive maintenance (if applicable): N/A

24a. Special attributes such as environmental attributes (e.g. recycled content, energy efficiency, and/or reduced pollutants): N/A

24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location). The EIT standards can be found at www.Section508.gov/ : N/A

25. DUNS Number: 056761935

26. Registered in System for Award Management (formerly CCR) database.

Project Experience

Sustainable Infrastructure Assessments of Air Force Bases

Farnsworth Group was part of an IDIQ team awarded a multi-installation contract to conduct energy infrastructure assessments throughout several bases in the South Atlantic and Northwestern regions of the U.S. Our scope of work includes ASHRAE Level 2 Energy Audits and project-ready energy conservation measure identification. Some Level 3 tasks also were completed.

Farnsworth Group is responsible for evaluation of building envelopes, including the roofs and walls; and HVAC, mechanical, plumbing and electrical systems, including lighting; and a review of water usage. After a site visit, information collected is analyzed against current utility usage. Energy conservation measures (ECMs) and water saving measures (WSMs) are identified and analyzed for cost of implementation, energy savings and paybacks. All of the information is presented in a single report by installation with a prioritization of what is recommended and descriptions of what it could cost for construction (using RS Means).

Our project manager looked at the volume of work to be completed within the timeframe and immediately orchestrated a multi-team and phased approach to the project, with approximately 50% percent of the work being completed in 2013 and the balance in 2014. Teams were organized to conduct field service visits over a duration of 2-3 weeks, with an intricate system of data collection and implementation of real-time data and technology use. The number of buildings assessed on each installation ranges from 14 to 205. Our team is collaborating with other team members throughout each site visit, as well as during the analysis and report writing phases.

Installations assessed in this program

- Offutt Air Force Base, Nebraska
- Columbus Air Force Base, Mississippi
- Arnold Air Force Base, Tennessee
- Tyndall Air Force Base, Florida
- Hurlburt Field, Florida
- McConnell Air Force Base, Kansas
- Eglin Air Force Base, Florida



Services

ASHRAE Level 2 Energy Audits

Relevant SINs

871-202, 871-207, 871-208, 871-211

Client

U.S. Army Corps of Engineers
Fort Worth District

Owner

U.S. Air Force
Civil Engineer Center

Estimated Completion

Summer 2014

Project Experience

ARRA Retro-Commissioning of Federal Buildings and Courthouses



William M. Steger Federal Building & District Court, Tyler, Texas

Services

Re-commissioning and retro-commissioning

Relevant SINs

871-206, 871-208

Client

General Services Administration,
Region 7

Completion

2010

Farnsworth Group conducted full re-commissioning / retro-commissioning of mechanical, electrical, plumbing and fire protection systems in six General Services Administration federal buildings located in Arkansas, Louisiana and Texas. The facility assessments were funded through an ARRA 2009 grant. Retro-commissioning services consisted of review of existing documentation, interviewing facility staff, facility site audits, identifying energy conservation measures, equipment/system scoping and testing, investigation, evaluation, analysis, calculations, recommendations, and report writing services for each:

William M. Steger Federal Building & District Court, Tyler, Texas

- Building use: courtrooms, administrative spaces
- 108,762 SF
- Estimated annual savings: \$11,736
- Estimated payback: 3.19 years

U.S. District Court & Federal Building, Shreveport, Louisiana

- Building use: courtrooms, administrative spaces
- 257,410 SF
- Estimated annual savings: \$24,407
- Estimated payback: 1.92 years

Federal Office Building & United States Post Office, Houma, Louisiana

- Building use: post office, administrative spaces
- 65,936 SF
- Estimated annual savings: \$11,944
- Estimated payback: 3.37 years

Hale Boggs Federal Building & District Courthouse, New Orleans, Louisiana

- Building use: courtrooms, administrative spaces
- 709,365 SF
- Estimated annual savings: \$63,258
- Estimated payback: 1.66 years

U.S. Bankruptcy Courthouse, Little Rock, Arkansas

- Building use: courtrooms, administrative spaces
- 92,509 SF
- Estimated annual savings: \$16,677
- Estimated payback: 1.92 years

Hammerschmidt Federal Building & Courthouse, Fayetteville, Arkansas

- Building use: courtrooms, administrative spaces
- 68,760 SF
- Estimated annual savings: \$9,715
- Estimated payback: 2.7 years

Project Experience

Federal Courthouse, Newport News, Virginia



Farnsworth Group was selected as the commissioning authority for a new courthouse, whose design incorporated heightened security measures while maintaining the openness and fairness of the American justice system. Farnsworth Group commissioned the building's energy, HVAC and refrigeration, lighting, daylighting controls, and domestic hot-water systems.

The four-story, 38,000 GSF building was constructed on a one-acre site in downtown Newport News. The design of the building's exterior incorporated the historic context of area buildings. Although the facility has historic perspective, it is also designed to meet collapse requirements and blast protection.

The internal layout of the courthouse separates jury, judge, and staff areas, as well as areas for prisoner movement. The courtrooms are located on the upper two floors with judges' chambers and jury rooms adjacent. The building includes office space for district clerk staff, court security personnel, and the U.S. Marshals Service. In addition, the building incorporates a 50-foot security setback at the perimeter. Construction on the project was complete in early 2008. The project achieved LEED certification at the Certified level in August 2008.

Services

LEED commissioning

Relevant SINs

871-203, 871-206, 871-208

Owner

General Services
Administration

Size

38,000 GSF

Construction cost

\$10 million

Completed

2008

Awards

LEED Certified

Project Experience

ASHRAE Level 2 Energy Audits for Marine Forces Reserve Facilities

Farnsworth Group provided ASHRAE Level 2 Energy Audits at 30 sites nationwide for the Marine Forces Reserve (MARFORRES), covering a total of 97 buildings. The average size of the buildings was 13,435 SF.

Work was performed by five teams of two or three members each, including a team from project partner North Wind. The five-month timetable for the scope of work included 120 days to complete the audits, with deliverables due at the end of 2010.

Among the challenges this contract presented were an accelerated schedule, multiple facilities, and limited available historical documentation.



Site visit at a California MARFORRES facility.

Benefits to the Owner – ECM Highlights

Our team discovered that as a result of a metering error at one building, the Marine Corps was being billed for 12 times the actual energy usage. Correcting this error resulted in an immediate credit of nearly \$100,000 and annual savings of about \$70,000 going forward.

At another location, a review found that one utility company had been levying improper sales tax charges. Correcting this billing error created an annual savings of more than \$3,000.

Other examples of identified energy savings opportunities include implementation of night setback (modified temperature) settings along with shorter run times that more closely matched occupancy schedules; and converting heating water systems' existing constant flow pumping to a variable flow pumping system with the installation of VFDs.

Project sites

- Huntsville, Alabama
- Montgomery, Alabama
- Bakersfield, California
- Fresno, California
- Pasadena, California
- Pico Rivera, California
- San Bruno, California
- Jacksonville, Florida
- Tampa, Florida
- Windy Hill, Georgia
- Chicago, Illinois
- Great Lakes Naval Station, Illinois
- Terre Haute, Indiana
- Lafayette, Louisiana
- Baltimore, Maryland
- Brooklyn, New York
- Syracuse, New York
- Stewart ANGB, Newburgh, New York
- Brookpark, Ohio
- Folsom, Pennsylvania
- Wyoming, Pennsylvania
- Charleston, South Carolina
- Eastover (Fort Jackson), South Carolina
- Memphis, Tennessee
- Galveston, Texas
- Texarkana, Texas
- Riverton (Camp Williams), Utah
- Lynchburg, Virginia
- Newport News, Virginia
- Yakima, Washington

Services

ASHRAE Level 2 Energy Audits

Relevant SINs

871-202, 871-207, 871-208, 871-211

Client
U.S. Army Corps of Engineers / Marine Forces Reserve

Completion
December 2010

Project Experience

Federal Reserve Bank, St. Louis, Missouri



Farnsworth Group has completed the following projects for the Federal Reserve Bank of St. Louis, an 11-story, 541,000 SF building constructed in 1924 with a multi-story annex addition completed in 2008:

LEED-EB O&M Gap Analysis and Energy Auditing

Farnsworth Group provided prerequisite level LEED-EB O&M gap analysis and energy auditing services for the full 11-story facility and annex. The project intent was to determine initial feasibility of the facility to meet the requirements of the prerequisites for LEED EB O&M 2009 certification. This project was completed in May 2011. Potential subsequent phases of the project will focus on implementing measures to bring the facility up to LEED certification standards, including retro-commissioning of the facility, monitoring the performance of the facility during a specified performance period, data gathering and documentation, LEED certification, and ongoing commissioning and planning for LEED recertification.

LEED Enhanced Commissioning of Financial Management Department Remodeling

Farnsworth Group provided enhanced commissioning services in accordance with the LEED for Commercial Interiors (LEED-CI) rating system. This project, completed in January 2012, consisted of remodeling approximately 9,000 GSF and extension of existing central HVAC systems. Farnsworth Group's services included design reviews, submittal reviews, development of the recommissioning manual, training program review assistance and warranty review.

Services

LEED consulting, energy auditing, LEED enhanced commissioning, retro-commissioning

Relevant SINs

871-202, 871-203, 871-206, 871-207, 871-208, 871-211

Client

Federal Reserve Bank of St. Louis

Size

541,000 SF

Completed

2011-2013