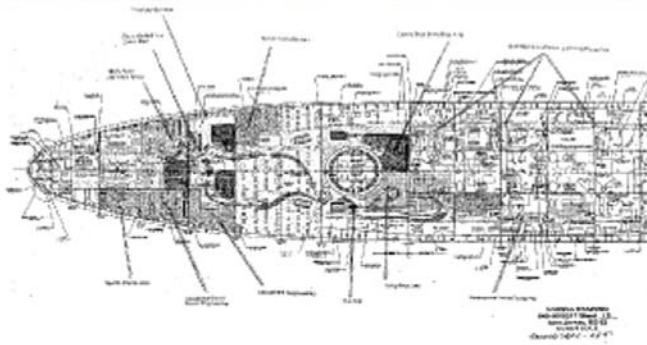




U.S. General Services Administration



CONTRACT No. GS-10F-0242U

GSA, FSS, Management Services Center

Tatyana Kimball, GSA Contracting Officer
GSA, FSS, Management Services Center
400 15th Street SW, (AQSA)
Auburn, WA 98001-6599
Tel: 253-931-7723
tatyana.kimball@gsa.gov

Jonathan C. Savage
Vice President / Regional Principal
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Pennoni Associates Inc.
One Drexel Plaza | 3001 Market Street
Philadelphia, PA 19104-2897
Tel: 215 222-3000 | Fax: 215 222-0591

SCHEDULE 871 PROFESSIONAL ENGINEERING SERVICES (PES)

SIN 871-3: SYSTEM DESIGN, ENGINEERING AND INTEGRATION

- Computer Aided Design
- Design Studios and Analysis
- Specification Preparation
- Modeling
- Training

SIN 871-4: TEST AND EVALUATION

- Prototype Testing
- Environmental Testing
- Verification and Validation
- Reverse Engineering
- Simulation and Modeling
- System Safety
- Quality Assurance
- System Testing
- Training



Providing Engineering Services Since 1966
www.pennoni.com

PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS



**GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SCHEDULE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST**

Online access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The internet address for GSA Advantage! is GSAAdvantage.gov

Schedule 871, Professional Engineering Services
FSC GROUP 541
MULTIPLE AWARD SCHEDULE (MAS) NO. 871
NAICS: 541330
Contract Number GS-10F-0242U

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at fss.gsa.gov.
Contract Period: May 20, 2008 – June 29, 2011

Pennoni Associates Inc.
One Drexel Plaza
Philadelphia, PA 19104-2897
(215) 222-3000
www.pennoni.com

1a. GSA Price List

Awarded Special Item Numbers (SINs):

- 871-3 – System Design, Engineering, and Integration (PEDS - Civil, Mechanical, and Electrical)
- 871-RC – Recovery Purchasing for System Design, Engineering, and Integration (PEDS – Civil, Mechanical, and Electrical)
- 871-4 – Test & Evaluation (PEDS – Civil, Mechanical, and Electrical)
- 871-4RC – Recovery Purchasing for Test & Evaluation (PEDS – Civil, Mechanical, and Electrical)

LABOR CATEGORY	GSA HOURLY RATE (WITH IFF)
Regional Manager	\$151.13
Principal Engineer / Manager	\$125.94
Project Manager	\$176.31
Project LA	\$110.83
Senior Surveyor	\$105.79
Senior Engineer	\$95.71
Senior Environmental Scientist	\$115.86
Project Engineer	\$90.68
Staff Engineer	\$75.56
Senior Tech Specialist	\$75.56
Associate Engineer	\$75.56
Senior Building Code Official	\$70.53
Designer	\$65.49
Graduate Engineer	\$60.45
Survey Technician	\$55.41
Engineering Tech II	\$55.41
CADD Technician	\$50.38
Engineering Tech I	\$49.37
Senior Administrative Clerical	\$45.34

1b. Lowest Priced Service

Senior Administrative Clerical	\$45.34
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1c. Labor Category Descriptions

REGIONAL MANAGER

Functional Responsibility: Responsibility for establishing and implementing strategic goals and business development initiatives for specific geographic regions, and to organize and execute respective project coordination and implementation objectives for all engineering disciplines in these specific regions. Also, responsible for ensuring the production of quality project outcomes, and timely execution of project plans and implementation schedules.

Educational Requirements/Minimum Experience: Bachelors Degree plus 10 years of experience

SENIOR ENGINEER

Functional Responsibility: Has full responsibility for interpreting, organizing, executing, and coordinating engineering projects which have unique or controversial problems and an important effect on major company programs. Plans, develops, coordinates, and directs a number of large and important projects or a project of a major scope and importance; manages interdisciplinary projects; prepares proposals establishing design parameters, completion dates, and project costs; assembles and manages the project team and is responsible for technical execution to high professional standards; maintains liaison with clients, regulatory agencies; and other consultants and contractors to accomplish overall scope; is responsible for billing and collection.

Educational Requirements/Minimum Experience: Bachelors Degree in Engineering plus 10 years of experience

PROJECT ENGINEER

Functional Responsibility: Plans, directs, and manages intermediate to large size projects, exercising technical control with profit and loss responsibility. Provides consulting professional services with direction from Senior Professional on establishing scope and associated fees. Prepares draft proposals establishing technical approach, completion dates, and project costs for approval of Senior Professional; Takes part in selection of project team and is responsible with Senior Professional for technical execution; interfaces with clients and regulatory agencies to accomplish the tasks defined in the project scope; Tracks and controls project costs and schedule.

Educational Requirements/Minimum Experience: Bachelors Degree in Engineering plus 5 years of experience

PROJECT LA

Functional Responsibility: Plans, directs, and manages small to intermediate sized projects or a portion of a larger project. Exercises technical control with profit and loss responsibility. Provides consulting professional services but is advised by Senior or Project Professional on establishing scope and associated fees; Assists in proposal preparation by identifying design elements, estimating man-hours, and technical approach; in conjunction with Senior or Project Professional, determines methods and procedures to achieve project quality standards within budget; develops detailed designs and supervises preparation of drawings and specifications; performs field inspections, observations, and measurements as needed to accomplish work on schedule.

Educational Requirements/Minimum Experience: Bachelors Degree plus 3-5 years of experience

SENIOR TECHNICAL SPECIALIST

Functional Responsibility: Provides technical assistance to Professionals in design and analysis. Performs field measurements, research data, does computations and generally assists in project tasks. Performs preliminary design and analysis as directed by Staff, Project, or Senior Professionals; Prepares drawings for engineering review; Checks work of technicians and drafters; Coordinates field and office aspects of project; researches related information – property ownership, utilities, ordinances, and regulations; Performs such other duties as may be required for the successful completion of assigned work.

Educational Requirements/Minimum Experience: 10 plus years of experience.

GRADUATE ENGINEER

Functional Responsibility: Performs design and analysis as a member of a design team or assists others in accomplishing consulting work. Makes field measurements, reduces field data, and performs design calculations; Assists in proposal preparation by preparing basic elements assigned; Develops detail and design concepts under the guidance of Staff, Project, and Senior Professionals; Performs such other duties as required for team effectiveness.

Educational Requirements/Minimum Experience: Bachelors Degree in Engineering

ENGINEERING TECH II

Functional Responsibility: Under direct supervision of Professionals or Senior Technician, provides technical assistance in the preparation of engineering data and drawing. Prepares sketches, preliminary, and final drawings; Contributes to investigation and field measurements effort; Prepares preliminary calculations, gathers research information for review; Operates such equipment as may be needed in draft form for review by supervisor.

Educational Requirements /Minimum Experience: 3 plus years of experience

ENGINEERING TECH II/ CADD TECHNICIAN

Functional Responsibility: Performs a variety of routine tasks which are intended to provide experience and interaction with other staff, methods, practices, programs, and the culture of the organization. Prepares or assists in the preparation of engineering documents, details, schedules, or reports as assigned. Performs such other duties as may be required for the successful completion of assigned work.

Educational Requirements /Minimum Experience: Experience or Associates Degree

SENIOR ADMINISTRATIVE CLERICAL

Functional Responsibility: Responsible for assisting all staff members with various support services in directly associated with project management, scheduling, billings, accounts payable, accounts receivable, correspondence, mailings, and other duties as assigned.

Educational Requirements/Minimum Experience: High School Diploma or GED

PRINCIPAL ENGINEER/ MANAGER

Functional Responsibility: Responsible for the overall functions of the firm's specific Divisions and growing these Divisions into profitable business units. Leads efforts to accomplish specific business objectives in accordance with Corporate goals, while establishing and maintaining a significant client base. Negotiates fees and contracts, and is also responsible for billings and collections for the Division, its projects, and those of individual staff members and their associated projects.

Educational Requirements/Minimum Experience: Bachelors Degree in Engineering plus 10 years of experience

PROJECT MANAGER

Functional Responsibility: Plans, directs, and manages small to medium sized projects, exercising technical control with profit and loss responsibility. Provides professional consulting services, with direction of Senior Project manager, on establishing scopes of work and associated fees. Prepares draft proposals establishing technical approach, completion dates, and project costs approved by Senior Project Manager. Assists in selection of Project Team and is responsible for technical execution. Interfaces with clients and regulatory agencies to accomplish tasks defined in project scope. Tracks and controls project costs and schedule.

Educational Requirements /Minimum Experience: Bachelors Degree in Engineering plus 8 years of experience.

ASSOCIATE ENGINEER

Functional Responsibility: Performs design and analysis as a member of a design team or assists others in accomplishing consulting work. Makes field measurements, reduces field data, and performs design calculations; Assists in proposal preparation by preparing basic elements assigned; Develops detail and design concepts under the guidance of Staff, Project, and Senior Professionals; Performs such other duties as required for team effectiveness.

Educational Requirements /Minimum Experience: Bachelors Degree in Engineering plus 2 years of experience

DESIGNER

Functional Responsibility: Under direct supervision of Professionals or Senior Designer, provides technical assistance in the preparation of engineering data and drawing. Prepares sketches, preliminary, and final drawings; Contributes to investigation and field measurements effort; Prepares preliminary calculations, gathers research information for review; Operates such equipment as may be needed in draft form for review by supervisor.

Educational Requirements /Minimum Experience: 5 years of experience

SURVEY TECHNICIAN

Functional Responsibility: Under the direction of the engineering, is responsible for conducting field surveys, note reduction, analysis and computations. Contributes to field measurements effort; gathers research information for review; Operates such equipment as may be needed.

Educational Requirements /Minimum Experience: 2 plus years of experience

2. MAXIMUM ORDER: \$750,000
3. MINIMUM ORDER: \$0
4. GEOGRAPHIC COVERAGE: Domestic
5. POINT OF PRODUCTION: U.S.A. – Philadelphia, PA
6. DISCOUNT INFORMATION – 2.01% - 26.66%, depending on labor category
7. QUANTITY DISCOUNT – Not applicable
8. PROMPT PAYMENT TERMS – None
- 9a. Government Purchase Card accepted for orders below the micro-purchase threshold
- 9b. Government Purchase Card not accepted for orders above the micro-purchase threshold
10. FOREIGN ITEMS – Not applicable
- 11a. TIME OF DELIVERY – Varies, depending on task order
- 11b. EXPEDITED DELIVERY – Not applicable
- 11c. OVERNIGHT AND 2-DAY DELIVERY – Not applicable
12. F.O.B. Point – Destination
- 13a. ORDERING ADDRESS –
Pennoni Associates Inc.
One Drexel Plaza, 3001 Market Street, Philadelphia, PA 19104-2987
- 13b. ORDERING PROCEDURES – For supplies and services, the ordering procedures, information on Blanket Purchasing Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3
14. PAYMENT ADDRESS –
Pennoni Associates Inc.
One Drexel Plaza, 3001 Market Street, Philadelphia, PA 19104-2987
15. WARRANTY PROVISION – Please see commercial warranty
16. EXPORT PACKING CHARGES – Not applicable
17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE
- Please see Government Purchase Card instructions above
18. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR – Not applicable
19. TERMS AND CONDITIONS OF INSTALLATION – Not applicable
20. TERMS AND CONDITIONS OF REPAIR PARTS – Not applicable
- 20a. TERMS AND CONDITIONS OF ANY OTHER SERVICE – Not applicable
21. SERVICE AND DISTRIBUTION PARTS – Not applicable
22. PARTICIPATING DEALERS – None
23. PREVENTATIVE MAINTENANCE – Not applicable
24. SPECIAL ATTRIBUTES – None
25. DUNS NUMBER – 064355282
26. Pennoni Associates Inc. is registered in the Central Contractor Registration database

REPRESENTATIVE PROJECTS



US Naval Air Engineering Station, Lakehurst, NJ *(pictured left)* **(Water Line, Storage Tanks)**

Provided professional services for the removal of the existing #6 fuel oil storage complex, which fed the central heating plant at the Lakehurst Naval Air Engineering Station. Provisions were made to meet soil conservation requirements of the Naval Air Engineering Station guidelines while the work was in progress. The site was evenly graded to suit surrounding conditions and was ultimately be restored with topsoil and seeded with grass.

US Federal Bureau of Prisons, Allenwood, PA **(Water Line)**

Provided services for the design of a water supply system for domestic water services and fire protection to serve a prison population of approximately 2,300. The project required coordination with various government and regulatory agencies, wetlands evaluation, miscellaneous site engineering, construction cost estimates, and shop drawing review.

US Army Corps of Engineers, Aberdeen, MD *(pictured right)* **(Test Track)**

4.5-mile elliptical track to test the entire military fleet at sustained high speeds. The new Automotive Technology Evaluation Facility (ATEF) was the first-of-its-kind capable of testing wheeled, tracked, manned and unmanned vehicles, traveling in either direction, on both gravel and paved surfaces at speeds of 70 miles per hour and greater. The USACE - Philadelphia and Baltimore Districts asked the Maryland office of Pennoni Associates Inc. to investigate and develop preliminary performance specifications for a traffic control system



USS Battleship NJ, Camden, NJ **(PCB, LBP, Asbestos Plans and Specs)**

Pennoni provided a room-by-room environmental inspection including an asbestos survey throughout this battleship. After compilation of the inspection data, Pennoni prepared detailed abatement plans and specifications for the removal of asbestos-containing materials, PCB-containing items/fluids, and ozone-depleting substances. The design detailed special concerns and conditions related to performing abatement in this type of facility.



National Constitution Center, Philadelphia, PA *(pictured right)* **(Q&A, Inspection and Testing)**

Pennoni was retained by Turner Construction to provide quality assurance inspection and testing services. Pennoni's scope of services included the field and laboratory testing of soils; field and laboratory testing of cast-in-place concrete; verification of reinforcing steel placement; testing and inspection during structural steel erection; field and laboratory testing of spray applied fire proofing; floor flatness and levelness testing; structural steel fabrication inspection and testing; and monitoring roofing installation.

Drexel University, Philadelphia, PA **(Q&A / QC, Geotechnical)**

Pennoni conducted a subsurface exploration consisting of test borings and test pits to delineate the subsurface conditions. The site is underlain demolition debris from previous structures on-site which in-turn is underlain by layers of sand, silty clay, decomposed rock and then sound rock between depths of 15 to 25 ft below existing ground level. Pennoni also provided Quality Control Testing and Monitoring services during construction.



Atlantic County Utilities Authority *(pictured right)* **(Analysis and Photovoltaic Design)**

Pennoni Associates was requested to evaluate the mechanical portion of the Leadership in Energy and Environmental Design (LEED) Existing Building EB commissioning of the Geo-thermal Administration building for Atlantic County Utility Authority (ACUA). The study was performed on the Geo-Thermal loop portion of the site and the related HVAC equipment and systems.

Strathmore Resources **(Testing, Feasibility, Design)**

Pennoni was the lead engineer for design concept, feasibility, amenability or process development testing, engineering design and specifications for conventional uranium mill works in New Mexico, U.S. and in Macusani, Peru. Pennoni was responsible for all facets of engineering design, including process design, site/civil design, mechanical, electrical, structural and architectural disciplines.

Civil, Electrical, and Mechanical Engineering Services

Pennoni Associates has the staff and experience to offer a wide variety of system design and engineering services, including:

Surveying, Geotechnical, Design Analysis, Design Studies, Preparation of Design Specifications, Computer Aided Design, Computer Aided Engineering, Informations Services, Forensic Engineering, Life Cycle Costing, Regulatory Compliance, Program and Project Management, Simulation and Modeling, testing and Evaluation.

Pennoni Associates has several speciality areas, within Civil, Electrical, and Mechanical scopes of work, including: *Advanced Energy Systems, Non-destructive Testing, Solar Energy, LEED Certifications and Audits, Rail Transportation, Water and Wastewater Treatment, Infrastructure Design.*

SIN 871-3: SYSTEM DESIGN, ENGINEERING, AND INTERGRATION

- **US Naval Air Engineering Station, Lakehurst, NJ:** Investigated, analyzed, and provided resulting design of replacement of a water system serving a Naval Air facility, including elevated storage tanks, transmission lines, and pump stations for potable and fire protection systems. Under the same IDIQ contract, provided M/E engineering analysis and resulting renovation designs for four (4) separate administrative buildings, including mechanical, electrical, and fire protection engineering designs for each individual building.
- **Strathmore Resources, US, Ltd., New Mexico:** Provided testing, feasibility and resulting design for chemical, site / civil, mechanical, and electrical engineering designs and specifications for three uranium processing mill works in New Mexico, US, and Macusani, Peru.
- **US Federal Bureau of Prisons, Allenwood PA FCI:** Developed an analysis and a resulting design of a water supply system that supplied potable water and fire protection system for a 2,300 prisoner facility.
- **The US Army Corps of Engineers, Aberdeen, MD:** Investigated and developed performance specifications for a traffic control system at 4.5 mile military vehicle test track facility in Aberdeen, MD. This project's tasks included traffic data collection, technology reviews, development of brief documents, and consolidating data into a traffic control system.

SIN 871-4: TEST AND EVALUATION

- **Lakehurst Naval Air Engineering Station, Lakehurst, NJ:** Provided geotechnical engineering services for the design and construction of an electromagnetic aircraft launch system and support facilities at the Naval Airbase, in support of the facility's objectives and mission.
- **University Partners, LLC, Philadelphia, PA:** Provided civil engineering, geotechnical, and green roof design services in support of a high-rise Philadelphia residential housing structure, requiring underground infiltration systems, decreased pervious coverage, in compliance with local, regional, state, LEED, and original design standards and regulations.
- **Home Port Alliance of USS New Jersey:** Provided survey, inspection, testing, and detailed PCB, LBP, and asbestos abatement plans and specifications in support of original design objectives and converting this historic WWII vessel into a museum facility.
- **Drexel University, Philadelphia, PA:** Provided and applied engineering techniques in support of the construction of a 12 story dormitory, including geotechnical subsurface exploration procedures, and resulting foundation and slab design. In addition, the company provided QA / QC and monitoring of concrete and steel fabrication on and off site.
- **Strathmore Resources, US, Ltd, New Mexico:** Provided process and chemical engineering design for several In-Situ Recovery (ISR) facilities, to extract and process a uranium solution for conversion to a useful energy resource. The design employed innovative engineering techniques for separation and treatment processes, by employing an advanced ion exchange process control and by utilizing reverse osmosis for more efficient recovery and restoration procedures.