



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

On-line 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: <http://www.gsaadvantage.gov>

**General Services Administration
Federal Supply Service
The Professional Services Schedule (PSS)
Schedule 00CORP**

CONTRACT NUMBER:
GS-00F-083DA

Period Covered by Contract:
March 11, 2016 through March 10, 2021

Arora Engineers, Inc.
61 Wilmington West Chester Pike, Suite 100
Chadds Ford, PA 19317
Phone: 610-459-7900
Fax: 610-459-7950

www.aroraengineers.com

CONTRACT ADMINISTRATION
Adam Oliver
Business Development Director
aoliver@arorasystemsgroup.com

General Services Administration
Management Services Center Acquisition Division
Supplement # _____, dated _____.

Business Size: **Small**
DUNS: **177818879**

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at <http://www.fss.gsa.gov>.

**GSA AWARDED TERMS AND CONDITIONS
ARORA ENGINEERS, INC.**

- 1a. Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s).

SIN	Recovery	SIN Description
871-7	871-7RC	Construction Management and Engineering Consulting Services Related to Real Property

- 1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract.

Please see attached pricelist for details.

- 1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate not applicable for this item.

Not applicable

2. Maximum order.

\$1,000,000; per SIN/per Order

3. Minimum order.

\$100

4. Geographic coverage (delivery area).

Domestic only; 48 contiguous states and Washington, DC and Hawaii

5. Point(s) of production (city, county, and State or foreign country).

**Arora Engineers, Inc.
61 Wilmington West Chester Pike, Suite 100
Chadds Ford, PA 19317**

**1601 Walnut Street
Suite #512
Philadelphia, PA 19102
(215) 564-4677**

**One Gateway Center Suite #1020
Newark, NJ 07102
(973) 645-1880**

**8 Faneuil Hall Marketplace 3rd Floor, Suite 305 Boston, MA 02109
(617) 973-6458**

**110 East Broward Blvd., Suite 1700 Fort Lauderdale, FL 33301
(954) 315-3824**

**2015 Ayrley Town Boulevard, Suite 202
Charlotte, NC 28273**

(704) 900-1090

**One East Pratt Street, Suite 803
Baltimore, MD 21202
(443) 963-2150**

6. Discount from list prices or statement of net price.

Net GSA pricing is listed in the attached pricing tables

7. Quantity discounts.

None

8. Prompt payment terms.

0%, Net 30 Days

- 9a. Government purchase cards *are accepted* at or below the micro-purchase threshold.

- 9b. Government purchase cards *are not accepted* above the micro-purchase threshold.

10. Foreign items (list items by country of origin).

Not Applicable

- 11a. Time of delivery.

Specified on the Task Order

- 11b. Expedited Delivery. The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list." under this heading. The Contractor may use a symbol of its choosing to highlight items in its price lists that have expedited delivery.

Expedited delivery time is to be negotiated between Contractor and Ordering Agency

- 11c. Overnight and 2-day delivery. The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery.

Overnight and 2-day delivery is to be negotiated between Contractor and Ordering Agency

- 11d. Urgent Requirements. The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery.

Urgent Requirements delivery time is to be negotiated between Contractor and Ordering Agency

12. F.O.B. point(s).

Destination

- 13a. Ordering address(es).

**Arora Engineers, Inc.
61 Wilmington West Chester Pike, Suite 100
Chadds Ford, PA 19317**

- 13b. Ordering procedures: **For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.**
14. Payment address(es).
**Arora Engineers, Inc.
61 Wilmington West Chester Pike, Suite 100
Chadds Ford, PA 19317**
15. Warranty provision.
Not Applicable
16. Export packing charges, if applicable.
Not Applicable
17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level).
Arora Engineers, Inc. will accept Government Purchase Cards for purchases up to but not above the micro-purchase threshold of \$3,000.
18. Terms and conditions of rental, maintenance, and repair (if applicable).
Not Applicable
19. Terms and conditions of installation (if applicable).
Not Applicable
- 20a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable).
Not Applicable
- 20b. Terms and conditions for any other services (if applicable)
Not Applicable
21. List of service and distribution points (if applicable).
Not Applicable
22. List of participating dealers (if applicable).
Not Applicable
23. Preventive maintenance (if applicable).
Not Applicable
- 24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants).
Not Applicable
- 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/.

Not Applicable

25. Data Universal Number System (DUNS) number:

177818879

26. Notification regarding registration in SAM database.

Arora Engineers, Inc. is registered and active in SAM



GSA AWARDED LABOR CATEGORY DESCRIPTIONS

LABOR CATEGORY
TITLE: Senior Project Manager
Minimum/General Experience: <ul style="list-style-type: none">• Minimum 10 to 12 years experience in project/construction management of commercial and/or public facilities.
Functional Responsibility: <ul style="list-style-type: none">• Primary interface with the client and is charged with effectively managing that relationship.• Responsible for construction and post construction phase activities for complex projects;• Responsible for supervising, coordinating and directing the Construction Management staff and contractor to ensure the project scope as awarded is built in full conformance with the plans, specs, schedule and cost limits;• Closely monitor his/her assignments and ensure successful and timely completion of project management tasks and responsibilities;• Develops, or directs the development of deliverables to include cost estimating, construction monitoring, constructability reviews, budget reconciliation, project documentation, design management, public approvals and permitting, schedule compliance, and commissioning activities.• Directs technical staff assignments, reviews progress, and evaluates results.• Develops and writes client work plans and budgets.• Responsible for identifying any potential project concerns, and resolutions.
Minimum Education: <ul style="list-style-type: none">• BA or BS required, specialty in architecture, engineering, urban planning, construction management or related field. Master's Degree is preferred.

LABOR CATEGORY

TITLE: Project Manager

Minimum/General Experience:

- Minimum 8 years experience in project/construction management of commercial and/or public facilities.

Functional Responsibility:

- Project Manager is responsible for supporting the Senior Project Manager on select projects and may plan, manage, and supervise projects on their own.
- Supervise, coordinate and direct the Construction Management staff. Possesses the ability to lead, and supervise a wide variety of team efforts to their successful completion.
- Responsible for developing and meeting project budget, schedule and expectations. Reviews contract documents, manpower, and data for the project.
- Plans, organizes, directs, coordinates and reports the project management activities of a specific project team with regard to new construction/modernization.
- Responsible for design, construction and post construction phase activities; responsible to manage staff and contractor to ensure the project scope as awarded is built in full conformance with the plans, specs, schedule and cost limits.
- Perform day-to-day contract administration including assisting Project Managers/Sr. Project Managers in bid analysis, award, coordinating pre-construction conferences, review of contractor's initial construction schedule, schedule of values, submittals and general respond to contractor's questions regarding contract administration.

Minimum Education:

- BA or BS required, specialty in architecture, engineering, urban planning, construction management or related field.

LABOR CATEGORY

TITLE: Construction Inspector

Minimum/General Experience:

- Minimum of 4 years experience in project/construction management of commercial and/or public facilities.

Functional Responsibility:

- Oversee project development by enforcing contractual requirements and construction standards and providing documentation for oversight operations such as quality assurance daily reports, weekly reports, photographs, non-compliance notices, pre-final and final inspection letters, and construction closeout forms;
- Examines workmanship of finished installations for conformity to standards.
- Maintains daily report of construction inspection activities. Maintains field measurements, and generates pay quantities for contractor's work based upon their field measurements;
- Perform a wide range of inspection tasks, including assessing adherence to quality control procedures for projects.
- Inspects various facets of work on the construction site and performs continuous surveillance of assigned construction activities to ensure compliance with all applicable codes, standards, and specifications;
- Train and supervise junior and mid-level personnel;
- Verifies equipment alignment and balancing operations

Minimum Education:

- Associates Degree required, specialty in architecture, engineering, urban planning, construction management or related field.

LABOR CATEGORY

TITLE: Document Control Specialist

Minimum/General Experience:

- Minimum of two years relevant work experience

Functional Responsibility:

- Manage and maintain the document management system. Supports the Project Manager in functions related to the document control/document management system development, implementation and operation.
- Create and maintain positive relationships with end users/clients.
- Manage and control document imaging and profiles documents into Document Management System (DMS). This role is also responsible for QA/QC of daily document input into DMS.
- Manage and control other relational databases for document tracking throughout Construction effort and is responsible for data input into databases as needed
- Manage and control document workflow, document routing/tracking, and document storage and retrieval
- Is responsible for managing non-conformance log and notices.

Minimum Education:

- BA or BS required, specialty in architecture, engineering, urban planning, construction management or related field.

LABOR CATEGORY

TITLE: Fire Protection Engineer

Minimum/General Experience:

- Minimum of 10 years experience in project/construction management of commercial and/or public facilities.
- Expert in code compliance and design of Fire/Life Safety Systems

Functional Responsibility:

- Responsible for providing supervision and technical support in the areas of fire protection engineering, life safety, security and related areas to clients by applying knowledge of engineering principles and practices.
- Reviews and approves fire protection aspects of construction project documents and verifies accuracy of installations.
- Responsible for inspecting all fire protection systems work for compliance with contract documents and building codes and standards.
- Reviews plans for facility modernization, rehabilitation programs, or self-help projects for compliance with NFPA codes/standards.
- Participate in project charrettes and design reviews to ensure fire safety standards and criteria are adequately incorporated in project designs and cost estimates from the initiation of the project.
- Performs technical and coordination check-review of project documentation and drawings.
- Follows up on issues with design and production staff to resolve problems and concerns.
- Conducts research on various building and fire code issues and subjects. Assists Project Engineer's in the development of reports and engineering calculations for timely completion of project scope requirements.

Minimum Education:

- BA or BS in engineering required along with F.P.E. (Fire Protection Engineer) Certificate.

LABOR CATEGORY

TITLE: Contract Manager

Minimum/General Experience:

- Minimum of four years experience in project/construction management of commercial and/or public facilities.

Functional Responsibility:

- Responsible for management and enforcement of contract terms for development of the construction plans and schedule as well as interfacing engineering schedule with the construction schedule and involved parties.
- Integrate management and supervision as well as subcontract management to ensure that a total project plan is prepared, maintained, analyzed, and reported.
- Responsible for developing schedules that are resource loaded, with manpower histograms and progress curves generated.
- Required to coordinate with other company project leadership to manage the overall project construction schedule.
- Works with project engineers, estimators and cost engineers to develop comprehensive budget, schedule information and support for project managers;
- Possesses knowledge of the entire construction process, maintain experience working with entire construction project team and experience managing a project controls team;
- Take a proactive approach in supporting the project managers and supporting project controls team;
- Maintain and manage schedule updates, provide reporting and ongoing analysis, perform integral tasks with the project controls team from baseline schedules through completion including change analysis;
- Advises the Project Manager and Construction Manager when schedule slippages and float occurs on the project.

Minimum Education:

- BA or BS required, specialty in architecture, engineering, urban planning, construction management or related field.

LABOR CATEGORY

TITLE: Project Engineer

Minimum/General Experience:

- Minimum of four years experience in project/construction management of commercial and/or public facilities.

Functional Responsibility:

- Works under the supervision of Senior Level Engineers in the application of engineering knowledge in meeting the needs of construction management projects;
- Carries out professional assignments that require use of standard engineering techniques, procedures, and criteria to support technical functions of project;
- Reviews the layout and design of the project, and analyses structures before construction for construction management team. May assist in analysis of building materials for use in construction and constructability reviews.
- Operates with great latitude with respect to providing technical solutions, reporting to a Project Manager (or higher) on matters relating to cost and schedule. Develops findings, conclusions and recommendations and prepares reports for management and clients.
- Attends meetings with contractors and builders and is involved in creating concept designs to assist stakeholders in formulating ideas and budget cost.
- Responsible for design technical reviews, preparing progress reports, and reviewing daily inspection reports.
- Familiar with a variety of the field's concepts, practices, and procedures. Analyzes engineering processes to determine most efficient methods of accomplishing work.

Minimum Education:

- BA or BS required, specialty in architecture, engineering, urban planning, construction management or related field.

LABOR CATEGORY

TITLE: Senior Project Engineer

Minimum/General Experience:

- Minimum of eight years experience in project/construction management of commercial and/or public facilities.

Functional Responsibility:

- Leads overall engineering efforts including coordinating, assigning and reviewing the efforts of engineering staff;
- Manages, directs, and carries out complex assignments often requiring the development of new concepts, techniques and procedures;
- Provides support in the areas of constructability reviews, value engineering, quality, technical compliance of all contractors' construction activities that relates to the technical specifications, drawings, and contract deliverables including change document process management, submittal process management, schedule development and update process. Performs site surveys and engineering studies.
- Reviews the layout and design of the project, and analyses structures before construction for construction management team. May assist in analysis of building materials for use in construction and constructability reviews.
- Operates with great latitude with respect to providing technical solutions, reporting to a Project Manager (or higher) on matters relating to cost and schedule. Develops findings, conclusions and recommendations and prepares reports for management and clients.
- Attends meetings with contractors and builders and is involved in creating concept designs to assist stakeholders in formulating ideas and budget cost.
- Responsible for design technical reviews, preparing progress reports, and reviewing daily inspection reports.
- In addition to familiarity with field's concepts, practices, and procedures, has a basic understanding of construction accounting procedures; knowledge of various construction methods and materials, their characteristics, installation procedures and tolerances. This knowledge aids in formulating a strategy around most efficient methods of accomplishing tasks for engineering team.

Minimum Education:

- BA or BS required, specialty in architecture, engineering, urban planning, construction management or related field. Must be a licensed professional engineer.



Arora Engineers, Inc.
GS-00F-083DA
GSA Awarded Labor Category Rates

SIN	Awarded Labor Category	Customer / Contractor Facility	GSA Awarded Hourly Rate Year 1	GSA Awarded Hourly Rate Year 2	GSA Awarded Hourly Rate Year 3	GSA Awarded Hourly Rate Year 4	GSA Awarded Hourly Rate Year 5
871-7	Sr. Project Manager	Customer	\$135.38	\$137.95	\$140.57	\$143.24	\$145.97
871-7	Sr. Project Manager	Contractor	\$192.02	\$195.67	\$199.39	\$203.17	\$207.03
871-7	Project Manager	Customer	\$133.56	\$136.10	\$138.68	\$141.32	\$144.00
871-7	Project Manager	Contractor	\$150.87	\$153.74	\$156.66	\$159.63	\$162.67
871-7	Construction Inspector	Customer	\$108.62	\$110.68	\$112.79	\$114.93	\$117.11
871-7	Document Control Specialist	Both	\$94.76	\$96.56	\$98.40	\$100.26	\$102.17
871-7	Fire Protection Engineer	Both	\$165.98	\$169.13	\$172.35	\$175.62	\$178.96
871-7	Contract Manager	Both	\$104.58	\$106.57	\$108.59	\$110.66	\$112.76
871-7	Project Engineer	Both	\$106.98	\$109.01	\$111.08	\$113.19	\$115.35
871-7	Sr. Project Engineer	Both	\$124.48	\$126.85	\$129.26	\$131.71	\$134.21

Service Contract Act: The Service Contract Act (SCA) is applicable to this contract as it applies to the entire Professional Services Schedule (PSS) and all services provided. While no specific labor categories have been identified as being subject to SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29 CFR 541.300), this contract still maintains the provisions and protections for SCA eligible labor categories. If and / or when the contractor adds SCA labor categories / employees to the contract through the modification process, the contractor must inform the Contracting Officer and establish a SCA matrix identifying the GSA labor category titles, the occupational code, SCA labor category titles and the applicable WD number. Failure to do so may result in cancellation of the contract.



CORPORATE OFFICE:

Arora Engineers, Inc.
61 Wilmington-West Chester Pike
Chadds Ford, PA 19317
www.aroraengineers.com

GOVERNMENT CONTACT:

Adam Oliver
(610) 459-7900 Office
(610) 500-0714 Cell
aoliver@aroraengineers.com

DUNS: 177818879

CAGE: oLoV5

Atlanta | Baltimore | Boston | Charlotte | Fort Lauderdale | New York | Philadelphia | San Francisco

GOVERNMENT CAPABILITY STATEMENT

SOCIO-ECONOMIC PROGRAMS

- Small Business Enterprise

CERTIFICATIONS

- DBE AZ, CA, CO, DE, DC, FL, GA, MD, ME, MA, NH, NV, NJ, NY, NC, OH, PA, RI, SC, TN, TX, VT, VA, HI
- MBE CO, DE, FL, MD, MA, NJ, NY, PA, RI, TN
- LDBE DC
- USGBC LEED Accredited Engineers

SERVICES

- Mechanical Engineering
- Electrical Engineering
- Plumbing Engineering
- Fire/Life Safety Engineering (FPE & NICET Staff)
- Special Systems/IT/Security Engineering (RCDD Staff)
- GIS
- Construction and Program Management
- Facilities Management
- BIM Modeling (Revit)

KEY TEAMING PARTNERS

- FEMA
- FAA
- U.S. Army Corps of Engineers
- U.S. Department of Transportation
- ARRA (American Recovery and Reinvestment Act)
- MWA
- PANYNJ
- PA DGS



NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)

- 541330 Engineering Services
- 236220 Commercial and Institutional Building Construction
- 541350 Building Inspection Services
- 541490 Other Specialized Design Services
- 541340 Drafting Services
- 541370 Surveying and Mapping (except Geophysical) Services
- 541512 Computer Systems Design Services
- 541611 Management, Scientific and Technical Consulting
- 561621 Fire Alarm/Security
- 238220 Fire Suppression
- 238210 Fire Alarm/Electrical

CURRENT GSA SUPPLY SCHEDULES

- 871-7 Professional Engineering Services - Construction Management (GS-00F-0083DA)
- 70-151 IT Professional Services - GIS (GS-35F-211CA)
- 03FAC-561-001 - Fire Alarm System Preventative Maintenance and Repair Service (Pending)
- 03FAC-561-002 - Warer Based Fire Suppression System Preventative Maintenance and Repair (Pending)



US Army Corps of Engineers®



PRODUCT SERVICE CODE (PSC) / FEDERAL SUPPLY CODE (FSC)

- R425 Support Professional: Engineering/Technical
- R499 Support Professional: Other
- R408 Support Professional: Program Management/Support
- C219 Architect And Engineering General: Other
- R414 Systems Engineering Services
- Z111 Maintenance, Repair Or Alteration Of Office Buildings
- B538 Special Studies/Analysis Intelligence
- B599 Special Studies/Analysis Other
- N063 Installation Of Equipment Alarm, Signal, And Security Detection Systems
- 1220 Fire Control Computing Sights And Devices
- R410 Support Professional: Program Evaluation/Review/Development
- H356 Inspection Construction And Building Materials
- C214 Architect And Engineering General: Management Engineering
- 6350 Miscellaneous Alarm, Signal, And Security Detection Systems
- C1DA Architect And Engineering Construction: Hospitals And Infirmaries
- Z2AA Repair Or Alteration Of Office Buildings
- C213 Architect And Engineering General: Inspection (Non Construction)
- H338 Inspection Construction
- B539 Special Studies/Analysis Aeronautical/Space
- R413 Support Professional: Specifications Development



PAST PERFORMANCE



City of Philadelphia, Division of Aviation, Terminal F Hub Expansion, Philadelphia International Airport, Philadelphia, PA: MEP, fire/life safety, IT/communications, and security for a 86,000 SF expansion of Terminal F including three concourses connected by a central hub, 38 gate positions, a ticketing building, a baggage claim, and a sky-bridge leading to the parking structure. Jim Jones, PE, Project Manager, (215) 937-6229.



Delaware River & Bay Authority, Lewes Ferry Terminal Generator Replacement, Lewes, DE: MEP for the replacement of two existing emergency generators at the Lewes Ferry Terminal, which consists of several ferry docks, vehicle ramps, DRBA offices, and a terminal building. James Methven, PMP, Construction Manager, ST Hudson Engineers, Inc., (856) 342-6600.



MTA / Long Island Rail Road, East Side Access Project, New York, NY: Fire protection/life safety engineering for the \$9 billion East Side Access (ESA) project, which will connect the LIRR's Main and Port Washington lines in Queens to a new LIRR terminal beneath Grand Central Terminal. William Connors, PE, Engineering Manager/Sr. Fire Protection Engineer, (212) 695-5137.



City of Philadelphia, Department of Public Property, Recreational Centers CCTV Design, Philadelphia, PA: Special systems and electrical design for over 100 CCTV cameras across 5 sites including wireless communications. Pedro Pinto, Project Coordinator, (215) 683-4421.

Differentiator

ARORA OFFERS:

- A **complete** approach to systems engineering including mechanical, electrical, plumbing, fire/life safety, special systems, and aeronautical electrical.
- Coverage for the **entire project life cycle**: planning, design, program management and construction services, commissioning, and maintenance management.
- Designs created in **Revit BIM** software to produce three-dimensional functional building system designs.
- GIS capabilities to utilize **asset management** for more effective systems implementation and maintenance strategies.
- Personalized client service with **principal involvement**.
- **Solutions** utilizing leading edge technologies.
- National reach with strong east coast presence.

Corporate Overview

Founded in 1986, Arora Engineers, Inc. (Arora) maintains a comprehensive engineering practice with the goal of providing clients with innovative solutions, quality designs, and hyper-responsive service. A certified MBE/DBE, the firm's core practice areas include mechanical, electrical, and plumbing engineering, fire suppression and life safety systems, IT/security/communications, Geographic Information Systems (GIS), Building Information Modeling (BIM), construction and program management, and facilities maintenance management.

Arora's multidisciplinary approach provides clients with a broad range of cost-effective services to successfully plan, design, and implement specialized building and airfield systems of various sizes and complexities. From the initial design process, bid services, and cost estimation to construction and ongoing facility maintenance and management, Arora's team of professionals is equipped to address any problem, to find the right solution, and most importantly, to deliver results.