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SIEMENS INDUSTRY, INC.

FEDERAL SUPPLY SERVICE AUTHORIZED

PRICELIST

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 GSA *Advantage!*[™] is: <http://www.GSAAdvantage.gov>.

SCHEDULE 03FAC –FACILITIES MAINTENANCE AND MANAGEMENT Multiple Award Schedule (MAS)

FEDERAL SUPPLY SERVICE

Solicitation Number: 47QSMD20R0001

Contract Number: GS-06F-0033P

Contract Effective: March 30, 2019 to March 29, 2024

MOD PS-0057 Effective Date: April 7, 2020

For more information on ordering from the Federal Supply Schedules please refer to <http://www.gsa.gov>

Siemens Industry, Inc
1000 Deerfield Parkway
Buffalo Grove, Illinois 60089
Phone: 703-483-2036
Fax: 703-483-2100
E-Mail: beverly.lester@siemensgovt.com
Contact: Beverly Lester
Website Address: <http://www.usa.siemens.com/industry/us/en/>
Business size: Large

(Ordering Information can be found in the enclosed Terms and Conditions)

Contract Administration:

Siemens Industry, Inc
Attn: Beverly Lester
1881 Campus Commons Drive, Suite 200
Reston, VA 20191

“Prices Shown Herein are net (discount deducted)”



CUSTOMER INFORMATION

1. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SIN's)

Facilities Maintenance and Repair

SIN 561210FAC Complete Facilities Maintenance & Management

Facilities Services

SIN 541690E Energy Consulting Services

Facilities Solutions

SIN 541513 Smart Buildings Systems Integrator

SIN 561210SB Smart Buildings Systems Integrator

Marine Craft Repair

SIN 336611 Dockside Maintenance and Repair Services

2. MAXIMUM ORDER: \$1,000,000 all SINs

3. MINIMUM ORDER: \$ 0

4. GEOGRAPHIC COVERAGE: Continental US, Alaska, Hawaii and Puerto Rico; Overseas

5. POINT(s) of PRODUCTION: Various

6. BASIC DISCOUNT:

- a. Labor - discount 11.48% - 63.59% off the Siemens Commercial Rates
- b. Material - varies by product

7. QUANTITY DISCOUNT: None

8. PROMPT PAYMENT TERMS: Net 30 days

9. GOVERNMENT PURCHASE CARDS ACCEPTED: Yes

10. FOREIGN ITEMS: None

11. TIME OF DELIVERY AFTER RECEIPT OF ORDER

(ARO): Normal: Varies per service performed

Emergency: Shipment within ____ days ARO. Contact local Siemens office for estimate based on service performed (*Attachment B – Siemens Field Offices*)

Expedited: Items available for expedited delivery are noted in this price list

Overnight and 2nd Day delivery: Available at standard commercial shipping rates, if item is available in stock. Contact local Siemens office. Urgent Requirements: Clause I-FSS-140-B of

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the contract applies. Agencies can contact local Siemens office to possibly affect a faster delivery

12. F.O.B. POINT(s): Destination: 48 contiguous states, Origin: Alaska, Hawaii and Puerto Rico

13. ORDERING ADDRESSES: Refer to *Attachment B – Siemens Field Offices*

For additional information contact:

Siemens Industry, Inc.
1000 Deerfield Parkway
Buffalo Grove, IL 60089
Office: 703-483-2036
FAX: 703-483-2100
Email: beverly.lester@siemensgovt.com

14. PAYMENT ADDRESSES: Per Siemens sales office

15. WARRANTY PROVISION: Standard Commercial Warranty

16. EXPORT PACKING CHARGES: N/A

17. TERMS and CONDITIONS of GOVERNMENT PURCHASE CARD ACCEPTANCE: Accepted

18. TERMS and CONDITIONS of RENTAL, MAINTENANCE, and REPAIR: N/A

19. TERMS and CONDITIONS of INSTALLATION (IF APPLICABLE): N/A

20. TERMS and CONDITIONS of REPAIR PARTS: N/A

20a. TERMS and CONDITIONS for any OTHER SERVICES: N/A

21. LIST of SERVICE and DISTRIBUTION POINTS: Refer to *Attachment B – Siemens Field Offices*

22. LIST of PARTICIPATING DEALERS: Not Applicable

23. PREVENTIVE MAINTENANCE: Refer to price list

24a. ENVIRONMENTAL ATTRIBUTES, e.g., recycled content, energy efficiency, and/or reduced pollutants: N/A

24b. SECTION 508 COMPLIANCE for EIT: N/A

25. DATA UNIVERSAL NUMBER SYSTEM (DUNS) number: 01-094-4650

26. SYSTEM FOR AWARD MANAGEMENT (SAM) database: 1HLQ3



SIN DESCRIPTIONS

SIN 561210FAC — Complete Facilities Maintenance and Management - This category covers services related to the complete operations, maintenance and repair of federal facilities and may include the supply or use of environmentally sustainable products such as U.S. Environmental Protection Agency-designated Comprehensive Procurement Guidelines (recycled content) products, U.S. Department of Agriculture-designated BioPreferred (biobased) products, Energy Star certified or other energy efficient products, and WaterSense or other water efficient products. The following facilities maintenance services can be ordered as stand-alone or in multiple combinations.

Instructions:

Architect-Engineering (A/E) Services:

Architect-Engineering (A/E) Services as that term is defined in FAR 36.601-4 are excluded from the Schedules Program. If the agency's statement of work, substantially or to a dominant extent, specifies performance or approval by a registered licensed architect or engineer for services related to real property, the Brooks Architect-Engineers Act applies and such services must be procured in accordance with FAR Part 36. Use of this schedule for Brooks Act architectural or engineering services is not authorized.

Complete Facilities Maintenance:

Offerors seeking award for Complete Facilities Maintenance must submit an offer which encompasses at least 3 of the primary tasks as it relates to the sub-category outlined in the solicitation (example: HVAC services, janitorial services and electrical maintenance). Two past performance projects are required for Complete Facilities Maintenance to include a complete Statement of Work (SOW) for each project/task proposed. Complete Facilities Maintenance tasks must be clearly marked to depict which project the SOW and proposed services are intended to support. In addition, Offerors performing at least 3 of the specified tasks shall show understanding of requirements and experience for continuous complete facilities maintenance in their technical offer. Each proposed project/task and SOW for Complete Facilities Maintenance must depict Continuous Complete Facilities Maintenance, which is defined as one project of 1 (one) year or more for a minimum of 8 (eight) hours per day. Any Offeror performing fire alarm system preventive maintenance and repair services, water based fire suppression system preventive maintenance and repair services and/or elevator and escalator Preventative Maintenance must also meet all of the requirements, including the certifications and qualification requirements listed within these notes for Fire Alarm System Preventive Maintenance and Repair Services, Fire Suppression System Preventive Maintenance and Repair Services and/or Elevator and Escalation Prevention Maintenance.

Special Proposal Instructions related to Fire Alarm System Preventive Maintenance and Repair Services and Water Suppression Services:

Offerors seeking award under Fire Alarm System Preventive Maintenance and Repair Services must submit concise descriptions of the fire alarm system maintenance services offered and how they represent the services in accordance with the attachment "Contractor Requirements, Certifications and Qualification for Fire Alarm and Water Based Fire Suppression". For example, the description must include a discussion regarding: testing frequencies; testing methods; maintenance, inspection, and testing records; critical and non-critical service calls; and how the Offeror will address circumstances where repairs cannot restore the fire alarm system within 4-16 hours. In addition, the Offeror must submit a resume for each professional staff member (i.e., field technicians) assigned work described in the sub-category. Each resume must include; (1) the NICET Level Certification number and expiration date, (2) any factory trained certification and expiration date for each specific manufacturer equipment, and (3) any State and local jurisdiction certifications of licenses and expiration date. Lastly, the Offeror must submit a minimum of 3 corporate experience examples, within the last two years, which are germane to the scope of work of these services. Please note that the services under this sub-category are for fire

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alarm system preventive maintenance and/or water based fire suppression preventative maintenance repair service and is not a fire alarm system or water based suppression system installation contract.

Elevator and Escalator Maintenance:

Special Proposal Instructions related to Elevator and Escalation Prevention Maintenance: Offerors that include Elevator Preventive Maintenance and Elevator Inspection shall comply with all technical standards and provide a copy of State Certifications for each elevator maintenance employee and a copy of any Collective Bargaining Agreements is required with the offer.

NOTE: These services may include the supply or use of environmentally sustainable products such as those meeting U.S. Department of Energy/Federal Energy Management Program specifications or Energy Star certified products.

SIN 561210SB Smart Buildings Systems Integrator

561210SB Includes the comprehensive integration of building systems and technology using a non-proprietary, open architecture. Typical building systems to be integrated include: building automation, telecommunications, security, energy and environmental control, HVAC, etc. Tasks may include, but are not limited to: requirements analysis, integration planning, testing, operational training and support, cybersecurity for building control systems, etc.

SIN 561210FS Facilities Support Services

561210FS Providing operating staff to perform a combination of support services 'within an agency's facilities that include planning, designing, managing, operating and maintaining reliable and efficient systems, equipment, facilities and logistics infrastructures to improve equipment and logistics performance, and reduce life cycle costs. Examples include providing a combination of services, such as complete turnkey operations, maintenance and support services, Base facilities operation support services (excluding computer operations), depot maintenance, preventative maintenance planning, fleet/property management and maintenance, mobile utility support equipment operation, maintenance and repair, strategic account/project management, integrated facility management and operations management support, janitorial, maintenance, trash disposal, guard and security, mail routing, reception, laundry, and related services to support operations within facilities.

SIN 336611 Marine Craft Repairing

Includes all marine crafts and related services, such as boats (all types), repair and maintenance, floating marine barriers, etc.

Note: Subject to Cooperation Purchasing

SIN 541690E Energy Consulting Services

541690E Contractors shall provide expert advice, assistance, guidance or counseling on energy related projects or initiatives to assist agencies in adhering to energy legislation and policy per FAR 23 and applicable Executive Orders.

Instructions:

For companies offering 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, renewable energy surveys 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.

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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.

SIN 541513 Smart Buildings Systems Integration

541513 Includes the comprehensive integration of building systems and technology using a non-proprietary and open architecture. Typical building systems to be integrated include: building automation, life safety, telecommunications, facilities management, security, energy and environmental control, HVAC, lighting, building envelope, access control, power management, cabling infrastructure/wireless, VOIP, video distribution, video surveillance, data network, etc. Typical integration functions include, but are not limited to: requirements analysis, strategic systems planning, system configuration, implementation alternatives, integration planning, system component acquisition, component integration, testing and analysis, interaction with Building Operations Centers, collection/manipulation of smart building component data, configuration management and control, design-guide development, operational training and support, monitoring, reporting and managing of the systems, and systems maintenance. Also includes cyber security as it relates to building control and automation systems affecting components such as fire annunciation and suppression, heating, ventilation, and air conditioning, power and lighting, elevators, and closed circuit cameras. Services may include, but are not limited to, assessing the cyber risks of a facility, making recommendations for safeguards and countermeasures, and implementing software and procedures to ensure Federal facilities are protected consistent with the Federal Information Security Management Act (FISMA) guidelines and other applicable policy.

Instructions:

Personal Services Contracts as defined in FAR 37.101 and FAR 37.104 are strictly prohibited. Agencies are prohibited from utilizing service contracts to augment government staff. A contractor is equally prohibited from knowingly offering to supplement government staff by engaging in a personal services contract/task order.

CONTRACTOR GENERAL REQUIREMENTS

- **Safety Procedures** - The Contractor shall comply with all appropriate safety code requirements.
- **Hazardous Conditions** – If the Contractor encounters equipment that is in a condition that may endanger life or property, the Contractor shall immediately notify the Ordering Official and Authority Having Jurisdiction, of the condition requiring immediate action. Within 24 hours the Contractor shall provide a written report to the Ordering Official and Authority Having Jurisdiction of the hazardous condition and recommended corrective action.
- **Insurance** – See Clause 52.228-5 Insurance – Work on a Government Installation (JAN 1997) and Certification of Required Insurance (see page 28 of this attachment)
- **Recommended Equipment** – The Contractor shall provide all tools and supplies necessary to properly perform inspections, tests and maintenance in accordance with the 2010 edition of NFPA 72, National Fire Alarm and Signaling Code, including all annexes.

And;

- All Fire Alarm System, inspections, tests, maintenance, alterations, and repairs performed under this contract shall comply with the 2010 edition of the NFPA 72, National Fire Alarm

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and Signaling Code including all annexes. Anywhere NFPA 72 states "should", it shall be taken to mean, "shall".

- Housekeeping. The Contractor shall leave areas where he performs work neat, clean and orderly.
- Material Safety Data Sheets. The Contractor shall provide current Material Safety Data sheets (MSDS) for all hazardous materials brought into the building. This information will be provided to the Building Manager.
- Asbestos. Fire alarm System maintenance and repair may impact asbestos containing materials (ACM). ACM is often found in sprayed-on fireproofing (on ceiling slabs and support beams); insulation (on pipes, valves, boilers) and within wall materials. The Government shall inform the Contractor of any known ACM in an individual building. If the Contractor must disturb materials he suspects may contain ACM, the Contractor shall immediately report it to the Ordering Official, and the Ordering Official will investigate and instruct the Contractor how to avoid an airborne asbestos exposure.
- Lead –Based Paint. Fire alarm System maintenance and repair may impact lead-based paint. The Government shall inform the Contractor of any known lead-based paint in an individual building. If the Contractor must disturb materials he suspects may contain lead-based paint, the Contractor shall immediately report it to the Ordering Official, and the Ordering Official will investigate and instruct the Contractor how to avoid lead-based paint contamination.
- Fire Alarm System Operability. The Contractor shall ensure that the fire alarm system is maintained operable at all times except while being tested or repaired. It is essential that the Contractor carefully schedule with the Building Manager all non-emergency shutdowns of the fire alarm system and that back up protection be provided by the Contractor (arrangement of additional personnel stationed at the fire alarm system control panel) any time that the fire alarm system is out of service for more than 4 hours. In addition, regardless of the duration of the shutdown, the affected portion of the system shall be tested to insure that the protection has been restored.
- Maintenance and Repair Inspections By GSA. The Government reserves the right to make any test or inspection it deems necessary to make sure that all performance requirements are being maintained.
- Recording Presence: Each contract employee must sign in when entering the building and state the purpose of the visit, (for example, scheduled maintenance, service call, or repairs) and sign out when leaving the building. Supervisory employees shall indicate their titles adjacent to their signatures. The Ordering Official will designate the location of the log and the type of form used.
- Security clearance – See Clause C-FSS-370.
- Repairs and Unscheduled Work. The Contractor shall perform Repairs and Unscheduled Work for fire alarm systems as covered in NFPA 72.
- Non-Standard Services. Non-standard services are those not listed in the Contractor's proposal will be set forth in individual work orders. Non-standard requirements will be set forth in individual work orders. Such services shall be negotiated with the Contractor, and services

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shall be performed only after the scope of the work, the qualifications of the Contractor's organization to accomplish the services and the cost of the services have been agreed upon by the Ordering Official and Authority Having Jurisdiction.

- Cancellation of Work Orders. Either party may cancel individual delivery orders with a 30-day written notice to the other party at no cost to either party.
- Fire Alarm System Inventory Changes. The Government will inform the Contractor of any changes to the inventory.

CONTRACTOR SPECIAL REQUIREMENTS

- The Contractor at the Contractor's expense will obtain all necessary permits, and licenses for performing fire alarm tests and inspections.
- The Contractor agrees to utilize responsible, capable, NICET certified, employees (as outlined in Certifications and Qualifications of Technicians) in the performance of any task associated with this solicitation. The Contractor may be asked to remove persons who pose a threat to health, safety, or security of an installation. Contractor personnel, while on site shall possess current NICET certification.

FIRE ALARM INSPECTIONS

- **Inspection** – Fire Alarm inspection services shall be performed in accordance with NFPA 72.
- **Report** – Fire Alarm inspection reports shall be submitted to the requesting agency on the “suggested form”, as found in NFPA 72, or other approved agency specific forms as provided by the Ordering Official and Authority Having Jurisdiction.
- **Hours Of Operation** - The Contractor shall coordinate with the building manager to decide when testing, maintenance and repair can be performed. Testing, maintenance and repair can be performed during normal business hours when it does not interfere with building operations. When testing, maintenance or repair will interfere with building operations; it shall be performed after normal business hours.

And;

- When making routine and/or periodic inspections and tests, to determine that the equipment conforms to the applicable Code edition (edition under which it was installed), and that the alterations conform to Code requirements. Determine that periodic tests performed by the owner or his agent are conducted in accordance with Code requirements and results of these tests demonstrate Code compliance.
- Report the results of inspections and tests in accordance with applicable local regulations, or as directed by the Ordering Official and Authority Having Jurisdiction.
- When required by the Government, the Contractor shall perform a maintenance quality control audit. Detail requirements shall be listed in the request for service from the Ordering Official and Authority Having Jurisdiction.
- Full Maintenance Inspection and Testing. The Contractor shall perform normal fire alarm system inspection; testing and maintenance as covered in NFPA 72.

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- Repairs and Unscheduled Work. The Contractor shall perform Repairs and Unscheduled Work for fire alarm systems as covered in NFPA 72.
- Line Item Services. When the Contractor's proposal has prices listed for individual Line Items, the Government may order those services using the Line Item description. All services shall be performed in accordance with applicable codes.

CERTIFICATIONS AND QUALIFICATIONS

- All Fire Alarm Technicians shall be certified by the National Institute for Certification in Engineering Technologies (NICET).
- Number of Employees. The Contractor shall have available at all times a sufficient number of capable and qualified employees to enable the Contractor to properly, adequately, and safely perform all work required under the terms of this contract.
- Fire Alarm Systems Engineering Technicians. Fire Alarm Systems technicians performing contract work shall meet the service personnel qualification requirements in NFPA 72 and also hold at least a NICET Level 2 (Associate Engineering Technician) in Fire Protection Engineering Technology, Fire Alarm Systems. Additionally, the Technician must have experience in the past five years in fire alarm system testing, repair, maintenance, installation, and related activities of buildings and equipment comparable to the buildings and equipment covered by this contract.
- Addressable Systems. Technicians modifying the fire alarm control panel of systems shall be factory trained and currently certified for the operating system, including software version, of the particular fire alarm system, and shall provide documentation of this certification to the Ordering Official and Authority Having Jurisdiction.
- Licenses & Permits. Contractor and subcontractor personnel engaged in the activities specified by this contract shall be also required to possess certificates of training, licenses, and permits as required by the state, county, parish, city, and other local jurisdictions when the alarm system is installed in a facility covered by such state, county, parish, city, and other local jurisdictions.
- Documentation. The Contractor shall provide to the Ordering Official and Authority Having Jurisdiction documentation of the certificates of training, licenses, and permits for all new employees not later than seven (7) days prior to that person beginning work under the terms of this contract. The Contractor shall insure that all certificates of training, licenses, permits, and bonds are current and valid. All offers must include documentation and proof of the above certifications and qualifications for each employee.

INITIAL INSPECTION AND TESTING

1. Initial Inspection and Test. The Contractor shall perform a full initial inspection and test of each device on the fire alarm system in accordance with NFPA 72.
 - a. Testing Frequencies from NFPA 72 shall be used.
 - b. Testing Methods from NFPA 72 shall be used.

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2. Maintenance, Inspection and Testing Records: Within 14 days after completing the inspection and testing, the Contractor will furnish a written record to the Ordering Official and Authority Having Jurisdiction that includes the following:
 - a. Contractor's Inspection and Testing Form that includes all the information required by NFPA 72.
 - b. Date of manufacture of fire alarm system(s) and whether parts are readily available.
 - c. **Note:** Maintenance Inspection and Testing Records and, Inspection and Testing Form from NFPA 72 shall be used.
 - d. The record shall include any problems noted with the system, including inoperable or unsupervised devices or equipment, or devices that cannot be calibrated, tested, or serviced in accordance with the manufacturer's recommendations. Findings noted shall include individual costs to correct/repair them. Each cost shall be broken down into both a parts cost and a labor cost.
 - e. The record shall be provided electronically (by email) if required by the Ordering Official, Authority Having Jurisdiction, or buildings manager (formatted in Microsoft Word or Excel).
3. Correcting Fire Alarm System Problems. The Contractor shall follow the requirements outlined in the sections titled; Full Maintenance, Inspection, Test and Repairs and Unscheduled Work for correcting problems noted to the fire alarm system.
4. Government Assistance. The Contractor shall contact the building manager for assistance in coordinating the initial fire alarm inspection and test.
5. Notification. Before proceeding with any testing, the Contractor shall coordinate the notification of all persons and facilities that receive alarm, supervisory or trouble signals (e.g. building manager, central station, Federal Protective Service, Fire Department). The Contractor will coordinate with the building manager to ensure that all building occupants are notified. At the conclusion of testing, the Contractor shall notify those previously notified that the testing has been concluded.
6. After Hours. The Contractor may be required to perform some work, inspections, and tests outside the normal working hours of the building occupants. Any scheduled work that is disruptive to the tenants (testing audible devices, elevator capture, fan shutdown, etc.) shall be performed after the building occupant's normal working hours. The Contractor shall coordinate with the building manager or Ordering Official to coordinate after-hours access to the building.
7. Damage to Fire Alarm System. Any damage to the fire alarm or associated equipment (e.g. fans, elevators, generators, pumps) caused by normal testing shall be repaired by the Contractor at no additional cost to the Government. At its discretion, the Government may have representatives present to witness any or all such tests. All costs associated with this damage shall be borne by the Contractor.
8. Safety Hazards. The Contractor shall immediately notify the cognizant Ordering Official and Authority Having Jurisdiction and Building Manager of any recognized safety hazard that might severely affect building occupants.

FULL INSPECTION, TESTING AND MAINTENANCE

1. Inspection, Testing and Maintenance: Inspect, test and maintain fire alarm system in accordance with NFPA 72.
 - a. Testing Frequencies from NFPA 72 shall be used.
 - b. Testing Methods from NFPA 72 shall be used.

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2. Scheduling. Within 30 days of receiving the delivery order, the Contractor shall submit to the Ordering Official and Authority Having Jurisdiction a proposed work schedule for each fire alarm system.
3. Maintenance, Inspection and Testing Records. Within 14 days after completing the inspection and testing, the Contractor will furnish a typed report to the Ordering Official and Authority Having Jurisdiction that includes the following:
 - a. A Contractor's Inspection and Testing Form that includes all the information required by NFPA 72. Maintenance Inspection and Testing Records and Inspection and Testing Form from NFPA 72 shall be used.
 - b. The Contractors Inspection and Testing Form shall also include any deficiencies to equipment noted during the testing, and individual costs to correct each deficiency noted. Each cost shall itemize both a parts cost and a labor cost.
 - c. The Form shall be provided electronically (by email) if required by the Ordering Official and Authority Having Jurisdiction to the buildings manager (formatted in Microsoft Word or Excel).
4. Reporting of Deficiencies. Devices that cannot be calibrated, tested, or serviced in accordance with the manufacturer's recommendations shall be reported as a deficiency.
5. Correction of Deficiencies. The Contractor shall repair at Contractor's expense fire alarm system problems costing less than \$500 per device as part of normal maintenance. For repairs costing more than \$500 per device, the Contractor shall follow the section titled; Repairs and Unscheduled Work. When all listed deficiencies have been corrected, the Contractor will sign and date the inspection report and return it to the Contracting Officer. At its discretion, the Government may then re-inspect the work.
6. Maintenance Service Calls. Any Service Call that relates to the maintenance of the system. Maintenance Service Calls are non-reimbursable work (included in the full-maintenance contract). Service Calls for repairs are defined as Critical or Non-critical and require the response times as stated in this Contract.
7. Critical and Non-Critical Service Calls. Initial response to repair calls will be based on the nature of the repair, whether, in the opinion of the Ordering Official and Authority Having Jurisdiction, it is Critical or Non-critical in nature. Critical Service Calls are those service calls affecting the continued occupancy of a building, or certain operations in a building, which are critical in nature.
8. Critical Service Call Response. Due to the emergency nature of Critical Service Calls, the Ordering Official and Authority Having Jurisdiction will normally make the requests for service calls verbally. Requirements for critical service calls include:
 - a. After being notified of a repair request, the Contractor shall have a qualified technician on-site within 4 hours, and complete the repair within 16 hours.
 - b. If the local technical representative cannot identify the problem within 4 hours after arrival, they shall escalate the problem to the next higher technical level.
 - c. If the fire alarm system cannot be repaired within 16 hours, the technical specialist shall notify the Ordering Official and Authority Having Jurisdiction with a schedule for completing the work. The schedule may be approved verbally.
9. Non-Critical Service Calls. Requirements for Non-Critical Service calls include:
 - a. After being notified of the need for service, the Contractor shall have a qualified technician on-site within 24 hours, and complete the repair within 48 hours.

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- b. If the local technical representative cannot identify the problem within 4 hours, they shall escalate the problem to the next higher level.
 - c. If the fire alarm system cannot be repaired within 48 hours, the technical specialist shall request a time extension from the Ordering Official and Authority Having Jurisdiction. The request may be approved verbally.
10. Testing after repairs. All repairs shall be tested according to requirements of NFPA 72. A representative of the Government may witness testing. Notify the Ordering Official and Authority Having Jurisdiction of the schedule for testing with sufficient notice to allow testing to be witnessed. Contractor must provide written certification that repairs are complete. The document shall also include the names and titles of the witnesses to the test.
- Contractor shall provide, in writing, before leaving the building:
- a. Suspected cause(s) of the malfunction(s), and actions to prevent reoccurrence.
 - b. A list of components used to make the repair.
 - c. Hours required making the repair.
11. Repair Records. Upon request, the Contractor shall furnish a record of all repairs they have made to an individual fire alarm system. All records must be maintained at the Contractor's office for a minimum period of 3 years.
12. Government Assistance. The Contractor shall contact the building manager for assistance in coordinating any service.
13. Notification: Before proceeding with any testing, the Contractor shall coordinate the notification of all persons and facilities that receive alarm, supervisory or trouble signals (e.g. building manager, central station, Federal Protective Service, Fire Department). The Contractor will coordinate with the building manager to ensure that all building occupants are notified. At the conclusion of testing, the Contractor shall notify those previously notified that the testing has been concluded.
14. After Hours. The Contractor may be required to perform some work, inspections, and tests outside the normal working hours of the building occupants. Any scheduled work that is disruptive to the tenants (testing audible devices, elevator capture, fan shutdown, etc.) shall be performed after the building occupant's normal working hours. The Contractor shall coordinate with the building manager or Ordering Official to coordinate after-hours access to the building.
15. Damage to Fire Alarm System. Any damage to the fire alarm or associated equipment (e.g. fans, elevators, generators, pumps) caused by normal testing shall be repaired by the Contractor at no additional cost to the Government. At its discretion, the Government may have representatives present to witness any or all such tests. All costs associated with this damage shall be borne by the Contractor.
16. Safety Hazards. The Contractor shall immediately notify the Ordering Official and Authority Having Jurisdiction and Buildings Manager of any recognized safety hazard that might severely affect building occupants
17. Tests and Inspections by GSA. At its discretion, the Government reserves the right to make any test or inspection it deems necessary to make sure the system is being properly maintained.

REPAIRS AND UNSCHEDULED WORK

1. Definition of Repairs. Repairs are defined as unscheduled work to repair or modify a fire alarm system, or to correct recurring system and/or equipment malfunction(s).
2. Repair Parts. Contractors who perform repairs under this contract shall be capable of providing replacement parts within 24 hours for the central processing unit (CPU), controller,

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monitoring and signaling cards, display boards, and other critical parts that may be necessary to restore the equipment and systems

3. Critical and Non-Critical Repairs. Initial response to repair calls will be based on the nature of the repair, whether, in the opinion of the Ordering Official and Authority Having Jurisdiction, it is Critical or Non-critical in nature. Critical Repairs are those repairs affecting the continued occupancy of a building, or certain operations in a building, which are critical in nature.
4. Critical Repair Response. Due to the emergency nature of Critical Repairs, the Ordering Official and Authority Having Jurisdiction will normally make the requests for repairs verbally, following by a written work order. Requirements for critical repairs include:
 - a. After being notified of a repair request, make live voice contact with the Ordering Official and Authority Having Jurisdiction within one hour, have a qualified technician on-site within 4 hours, and complete the repair within 16 hours.
 - b. If the local technical representative cannot identify the problem within 16 hours, they shall escalate the problem to the next technical level and the National Accounts level as necessary, to identify the problem and provide a solution.
 - c. If the fire alarm system cannot be repaired within 16 hours, the technical specialist shall notify the Contracting Officer with a proposal for completing the work, including a not-to-exceed cost and the time required. The proposal may be approved verbally, but must be approved by the Contracting Officer before proceeding with the work. A verbal approval will be followed by a written work order.
 - d. Update the Ordering Official and Authority Having Jurisdiction on the status of the repairs every 24 hours until repairs are complete.
5. Non-Critical Repairs. Requests for repairs will be set forth in work orders listing the type of equipment, description of the malfunction, and the facility point of contact. Requirements for Non-Critical Repairs include:
 - a. After being notified of the need for repairs, make live voice contact with the Ordering Official and Authority Having Jurisdiction within two hours, have a qualified technician on-site within 8 hours, and complete the repair within 48 hours.
 - b. If the local technical representative cannot identify the problem within 48 hours, they shall escalate it, to the National Accounts level if necessary, to identify the problem and provide a solution.
 - c. If the fire alarm system cannot be repaired within 48 hours, the technical specialist shall notify the Contracting Officer with a proposal for completing the work, including a not-to-exceed cost and the time required. The proposal may be approved verbally, but must be approved by the Contracting Officer before proceeding with the work. A verbal approval will be followed by a written work order.
 - d. Update the Ordering Official and Authority Having Jurisdiction on the status of the repairs every 24 hours until repairs are complete.
6. Testing after repairs. All repairs shall be tested according to requirements of NFPA 72. A representative of the Government may witness testing. Notify the Ordering Official and Authority Having Jurisdiction of the schedule for testing with sufficient notice to allow testing to be

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witnessed. Contractor must provide written certification that repairs are complete. The document shall also include the names and titles of the witnesses to the test.

7. Contractor shall provide, in writing, before leaving the building:
 - a. Suspected cause(s) of the malfunction(s), and actions to prevent reoccurrence.
 - b. A list of components used to make the repair.
 - c. Hours required making the repair.
8. Full System Repair Records. Upon request, the Contractor shall furnish a record of all repairs they have made to an individual fire alarm system.
 - Services shall comply with applicable requirements of NFPA 72, which establishes the minimum requirements for the periodic inspection, testing, and maintenance of fire alarm systems, except as modified herein.
 - Preventive maintenance shall be performed by the Contractor to keep the system equipment operable or to make repairs in accordance with NFPA 72 and this specification. Operations and maintenance manuals, as-built installation drawings, and other system documentation shall be retained to assist in the proper care of the system and its components.
 - Note: Corrective maintenance shall be determined from the periodic testing and inspections of each system. This exhibit establishes minimum inspection/testing frequencies, responsibilities, test routines, and reporting procedures but does not define the exact point at which corrective actions are required.
 - The Contractor shall not be responsible for upgrades that are required by code due to a change in occupancy, relocation of partitions, or types of materials stored by the building occupants.

Records of the inspections, tests, and maintenance of the system and its components shall be maintained on site and made available to the Contracting Officer's representative upon request.

- Sample forms are shown in NFPA 72, Records shall indicate the procedure performed (inspection, test, or maintenance), the person/organization performing the work, the results, and date. Records shall be retained for a three-year period.
- Test results shall be compared with those of the original acceptance test, if available, and with the most recent test results.
- The Contractor shall maintain, for a minimum of 3 years, as-built system installation drawings, original acceptance test records, and device manufacturers' maintenance bulletins to assist in the proper care of the system and its components.
- A copy of NFPA 72 shall be maintained on site and made available to the Contracting Officer's representative upon request. NFPA standards are available from:

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02269
Telephone orders, call 1-800-344-3555

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LABOR CATEGORIES

The hourly rates for the labor categories listed vary based on the geographic location of the Siemens Field office. Please contact beverly.lester@siemensgovt.com if you require a complete listing of the hourly rates by field office. See *Attachment A – Labor Rates* for specific rates by location. See *Attachment B – Siemens Field Offices* for contact information by branch location.

Labor Category: BAU Service Specialist

Functional Responsibility: performs on-site service for the repair and maintenance of equipment associated with Automatic Building Control Systems and Energy Management Systems.

Experience: requires 1-5 years Building Automation service experience and all certifications and licenses. Good written and verbal communication skills.

Education: Associates degree or 1-2 years of vocational technical training or equivalent combination of education and experience.

Labor Category: BAU Service Project Manager

Functional Responsibility: oversees teams or groups responsible for executing project service jobs associated with Automatic Building Control Systems and Energy Management Systems. Plans the account management, design, engineering, and systems installation of field projects. Impacts P&L and is responsible for resource allocation and financial forecasting.

Experience: 8-10 years' experience managing projects.

Education: BS/BA in related discipline, or advanced degree or equivalent combination of education and experience.

Labor Category: BAU Solution Project Manager

Functional Responsibility: oversees teams or groups responsible for executing project (solutions) jobs associated with Automatic Building Control Systems and Energy Management Systems. Plans the account management, design, engineering, and systems installation of field projects. Impacts P&L and is responsible for resource allocation and financial forecasting.

Experience: 8-10 years' experience managing projects.

Education: BS/BA in related discipline, or advanced degree or equivalent combination of education and experience.

Labor Category: BAU Engineer

Functional Responsibility: performs on-site technical and operational support in the design, development, installation and maintenance of equipment and systems of a complex nature associated with Automatic Building Control Systems and Energy Management Systems.

Experience: 5-8 years' experience in Building Automation or Energy systems.

Education: BS/BA in related discipline, or advanced degree or equivalent combination of education and experience

Labor Category: FIS Service Specialist

Functional Responsibility: performs on-site service for the repair and maintenance of equipment associated with Fire alarm systems.

Experience: requires 1-5 years Fire service experience and all certifications and licenses. Good written and verbal communication skills.

Education: Associates degree or 1-2 years of vocational technical training or equivalent combination of education and experience.

Labor Category: FIS Service Project Manager

Functional Responsibility: oversees teams or groups responsible for executing project service jobs associated with Fire alarm installation, repair, and maintenance. Plans the account management, design,

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engineering, and systems installation of field projects. Impacts P&L and is responsible for resource allocation and financial forecasting.

Experience: 8-10 years' experience managing projects.

Education: BS/BA in related discipline, or advanced degree or equivalent combination of education and experience.

Labor Category: FIS Solution Project Manager

Functional Responsibility: oversees teams or groups responsible for executing project (solutions) jobs associated with Fire alarm installation, repair, and maintenance. Plans the account management, design, engineering, and systems installation of field projects. Impacts P&L and is responsible for resource allocation and financial forecasting.

Experience: 8-10 years' experience managing projects.

Education: BS/BA in related discipline, or advanced degree or equivalent combination of education and experience.

Labor Category: FIS Engineer

Functional Responsibility: performs on-site technical and operational support in the design, development, Installation and maintenance of equipment and systems of a complex nature associated with Fire Systems.

Experience: 5-8 years' experience in Fire systems.

Education: BS/BA in related discipline, or advanced degree or equivalent combination of education and experience.

Labor Category: Electrical Specialist

Functional Responsibility: performs on-site technical and operational support in the design, development, Installation and maintenance of equipment and systems of a complex nature associated with Electrical Services.

Experience: Successfully demonstrates thorough advanced knowledge of a technical or specialty area. Generally, must have 5-8 years' experience in electrical service or engineer responsibility and successful demonstration of Key Responsibilities and Knowledge as presented above.

Education: Associates degree or 1-2 years of vocational technical training preferred. BS degree or equivalent experience preferred. Specialized skill training/certification may be required.

Labor Category: Electrical Project Manager

Functional Responsibility: Provided oversight and management of teams responsible for project execution (solutions) and service jobs associated with electrical studies and systems installation, repair, and maintenance. Plans the account management, design, engineering, and systems installation of field projects. Impacts P&L and is responsible for resource allocation and financial forecasting.

Experience: 8-10 years' experience managing projects.

Education: BS/BA in related discipline, or advanced degree or equivalent combination of education and experience.

Labor Category: Power System Engineer

Functional Responsibility: This person performs applications engineering and analytical studies on Medium Voltage and Low Voltage electrical power distribution systems for industrial, commercial, institutional and government customers in metropolitan area. Principal activity is preparation of short circuit, device evaluation; protective device coordination and arc flash studies.

Experience: Typically 8-10 years of successful experience in related field and successful demonstration of Key Responsibilities and Knowledge as presented above. Advanced degree MAY be substituted for experience, where applicable. Prior experience performing electrical power systems analysis is required. Preferred candidate will have current P.E. registration, experience using SKM product suite and have electrical power systems.

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Education: All qualified candidates should have the following:

- Bachelor Degree in Electrical Engineering, MSEE preferred.
- Hold a Professional Engineer License in the USA.
- Expertise on Arc Flash and power system studies, including short circuit, protective device coordination, load flow, grounding, harmonic and power quality studies.
- Experience using SKM, EasyPower, or ETAP power system analysis product suites.
- Power systems applications engineering, design, testing and installation supervision background desired.
- Ability to provide hard copies of power system analysis, reports, and calculations completed.
- Broad industry experience is desired - working with Low Voltage and Medium Voltage installations at utilities, industrial plants, commercial sites.

Labor Category: Mechanic

Functional Responsibility: performs the installation and repair of various types of automation systems, HVAC and associated components.

Experience: Knowledge of automation systems, HVAC, electrical concepts and building operations. Skilled in programming, job start-up, checkout and troubleshooting. Proficient in Microsoft Office: Word and Excel.

Education: Associate degree in electronics or other related field. 5+ years engineer/service experience or equivalent combination of education and experience.

Labor Category: Energy Engineer

Functional Responsibility: performs complex design, development, testing and modifications of solutions. Completes recommendations for complex new designs, new processes, or design changes to meet energy requirements.

Experience: Demonstrates a good grasp of knowledge and principles of field of specialization and applies through successful completion of assignments. Successfully applies knowledge of fundamental concepts, practices, and procedures of particular area of specialization.

Education: BS/BA in related discipline, or advanced degree, where required, or equivalent combination of education and experience 5 – 8 years.

Labor Category: Energy Specialist

Functional Responsibility: performs on-site service for the repair and maintenance of equipment associated with Energy Management Systems.

Experience: requires 1-5 years Energy system service experience and all certifications and licenses. Good written and verbal communication skills.

Education: Associates degree or 1-2 years of vocational technical training or equivalent combination of education and experience.

Labor Category: Energy Project Manager

Functional Responsibility: oversees teams or groups responsible for executing project (solutions) and service jobs associated with Energy systems installation, repair, and maintenance. Plans the account management, design, engineering, and systems installation of field projects. Impacts P&L and is responsible for resource allocation and financial forecasting.

Experience: 8-10 years' experience managing projects.

Education: BS/BA in related discipline, or advanced degree or equivalent combination of education and experience.

Labor Category: Sprinkler Inspector

Functional Responsibility: Responsible for providing inspection, testing and maintenance service for fire sprinkler equipment to comply with NFPA25 Standards as well as state and local codes; completing

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required documentation including deficiency repair recommendations; performing and/or coordinating work for compliance.

Experience: Minimum 2 years' experience performing fire sprinkler inspection and testing

Education: NICET Level II Certificated in Sprinkler Inspection and Testing

Labor Category: Sprinkler Service Specialist

Functional Responsibility: Performs assigned tasks on Sprinkler systems. Tasks to include minor repair, as well as visual and functional testing on fire sprinkler systems in accordance with all national and local standards.

Experience: Minimum 2 years' experience performing fire sprinkler repair and maintenance service

Education: NICET Level II Certificated in Sprinkler Inspection and Testing

Labor Category: Field Service Engineer

Functional Responsibility: Performs on-site training and technical oversight to customer who perform equipment overhaul, repair, maintenance, upgrades of Original Equipment Manufacturer (OEM) and OEM representative supported products including High and Low Pressure Air Compressors, Main and Auxiliary Steam Turbines and associated components, Spiraxial Compressors, Propulsion and Ship Systems Turbine Generator Steam Turbines, valves, and pumps. The engineer prepares training curriculum and detailed drawing packages, reviews technical specifications and conducts diagnostic analysis.

Experience: requires 5 years Degreed – 15 years (Competency Testing) and all certifications and licenses. Good written and verbal communication skills.

Education: Mechanical Engineering Degree and/or equivalent skills based on Competency Testing.

Labor Category: Repair Service Technician (International-OCNUS)

Functional Responsibility: travel OCNUS to perform on-site equipment removal, rigging, installation, overhaul, repair, maintenance, upgrades and assessments of Original Equipment Manufacturer (OEM) and OEM Representative supported products including High and Low Pressure Air Compressors, Auxiliary Steam Turbines, Spiraxial Compressors, Propulsion and Ship Systems Turbine Generator Steam Turbines and associated components, valves, and pumps.

Experience: 2 years of relevant and specialized experience in repair of OEM and OEM representative equipment. Competency Certification. Good written and verbal communication skills.

Education: High School Diploma

Labor Category: Repair Service Technician (Domestic-CONUS)

Functional Responsibility: perform on-site equipment removal, rigging, installation, overhaul, repair, maintenance, upgrades and assessments of Original Equipment Manufacturer (OEM) and OEM Representative supported products including High and Low Pressure Air Compressors, Auxiliary Steam Turbines, Spiraxial Compressors, Propulsion and Ship Systems Turbine Generator Steam Turbines and associated components, valves, and pumps.

Experience: 2 years of relevant and specialized experience in repair of OEM and OEM representative equipment. Competency Certification. Good written and verbal communication skills.

Education: High School Diploma

ALL labor rates are subject regular overtime and premium overtime rates in the following manner:

Straight Time - 1.0 (Monday through Friday, 8 am to 5 pm excluding Holidays)

Regular Overtime - 1.5 (Monday through Friday, 5 pm to 8 am, and Saturday excluding Holidays)

Premium Overtime - 2.0 (Sundays and Holidays)

FY20 BAU Services GSA Rate				
Type Labor	Tier	GSA Rates	OT Rates	DT Rates
BAU Service Specialist	Tier 1	\$176.32	\$264.48	\$352.64
	Tier 2	\$146.10	\$219.15	\$292.20
	Tier 3	\$141.06	\$211.59	\$282.12
	Tier 4	\$125.94	\$188.91	\$251.88
BAU Service Project Manager	Tier 1	\$201.51	\$302.27	\$403.02
	Tier 2	\$161.21	\$241.82	\$322.42
	Tier 3	\$156.17	\$234.26	\$312.34
	Tier 4	\$156.17	\$234.26	\$312.34

Tier 1	Tier 2	Tier 3	Tier 4
Branch Name	Branch Name	Branch Name	Branch Name
Baltimore	Alaska	Austin	Alabama
Boston	Albany	Buffalo	Greensboro
Central Illinois	Albuquerque	Cleveland	Lafayette
Chicago	Atlanta	Detroit	Maine
Colorado Springs	Boise	Houston	Palm City
Columbus	Charlotte	Indianapolis	Pensacola
Denver	Cincinnati	Iowa	Puerto Rico
Fresno	Dallas	Jackson	Salt Lake City
Hawaii	Grand Rapids	Louisville	
Kansas City	Harrisburg	Memphis	
Las Vegas	Hartford	Nebraska	
Los Angeles	Harvard	Oklahoma	
Milwaukee	Jacksonville	Orlando	
Minneapolis	Miami	Scranton	
New Jersey	Nashville		
New York	New Orleans		
Philadelphia	Pittsburgh		
Phoenix	Portland		
Sacramento	Raleigh		
San Francisco	Rhode Island		
Savannah	Richmond		
Seattle	Roanoke		
St. Louis	Rochester		
Wash DC-Beltsville	San Antonio		
	San Diego		
	Syracuse		
	Tallahassee		
	Tampa		
	Virginia Beach		

FY20 BAU Solutions GSA Rates				
Type Labor	Tier	GSA Rates	OT Rates	DT Rates
BAU Solution Project Manager	Tier 1	\$201.51	\$302.27	\$403.02
	Tier 2	\$167.76	\$251.64	\$335.52
	Tier 3	\$146.10	\$219.15	\$292.20
	Tier 4	\$136.02	\$204.03	\$272.04
	Tier 5	\$136.02	\$204.03	\$272.04
BAU Engineer	Tier 1	\$136.02	\$204.03	\$272.04
	Tier 2	\$134.26	\$201.39	\$268.52
	Tier 3	\$115.87	\$173.81	\$231.74
	Tier 4	\$110.83	\$166.25	\$221.66
	Tier 5	\$110.83	\$166.25	\$221.66

Tier 1
Branch Name
San Francisco

Tier 2
Branch Name
Alaska
Boston
Chicago
Hartford
Harvard
Hawaii
Las Vegas
Los Angeles
Milwaukee
New Jersey
New York
Philadelphia
Phoenix
Rochester
Sacramento
San Diego
Tampa
Wash DC-Beltsville

Tier 3
Branch Name
Albany
Baltimore
Buffalo
Charlotte
Cincinnati
Cleveland
Colorado Springs
Columbus
Dallas
Denver
Detroit
Fresno
Harrisburg
Houston
Iowa
Jackson
Maine
Miami
Minneapolis

Tier 3 cont
Branch Name
Nashville
Nebraska
Orlando
Pensacola
Portland
Raleigh
Richmond
San Antonio
Seattle
St. Louis
Syracuse

Tier 4
Branch Name
Albuquerque
Austin
Grand Rapids
Pittsburgh
Rhode Island
Salt Lake City
Virginia Beach

Tier 5
Branch Name
Alabama
Atlanta
Boise
Central Illinois
Greensboro
Indianapolis
Jacksonville
Kansas City
Lafayette
Louisville
Memphis
New Orleans
Oklahoma
Puerto Rico
Roanoke
Savannah
Tallahassee

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FY20 Mechanical Services/Solutions GSA Rate				
Type Labor	Tier	GSA Rates	OT Rates	DT Rates
Mechanic	Tier 1	\$201.51	\$302.27	\$403.02
	Tier 2	\$181.36	\$272.04	\$362.72
	Tier 3	\$156.17	\$234.26	\$312.34
	Tier 4	\$136.02	\$204.03	\$272.04
	Tier 5	\$115.87	\$173.81	\$231.74

Tier 1
Branch Name
Boston
San Francisco
Seattle

Tier 2
Branch Name
Alaska
Chicago
Fresno
Hartford
Harvard
Hawaii
Los Angeles
Minneapolis
New Jersey
New York
Philadelphia
Portland
Sacramento

Tier 3
Branch Name
Albany
Central Illinois
Columbus
Detroit
Grand Rapids
Harrisburg
Kansas City
Las Vegas
Milwaukee
Nashville
Phoenix
Pittsburgh
Rhode Island
San Diego
St. Louis
Wash DC-Beltsville

Tier 4
Branch Name
Albuquerque
Atlanta
Baltimore
Buffalo
Cincinnati
Cleveland
Colorado Springs
Denver
Houston
Iowa
Maine
Miami
New Orleans
Rochester
Syracuse

Tier 5
Branch Name
Alabama
Austin
Boise
Charlotte
Dallas
Greensboro
Indianapolis
Jackson
Jacksonville
Lafayette
Louisville
Memphis
Nebraska
Oklahoma
Orlando
Pensacola
Puerto Rico
Raleigh
Richmond
Roanoke
Salt Lake City
San Antonio
Savannah
Tallahassee
Tampa
Virginia Beach

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FY20 Electrical Services GSA Rates				
Type Labor	Tier	GSA Rates	OT Rates	DT Rates
Electrical Specialist	Tier 1	\$187.40	\$281.10	\$374.80
	Tier 2	\$181.36	\$272.04	\$362.72
	Tier 3	\$171.28	\$256.92	\$342.56
	Tier 4	\$153.90	\$230.85	\$307.80
Power System Engineer	Tier 1	\$209.57	\$314.36	\$419.14
	Tier 2	\$209.57	\$314.36	\$419.14
	Tier 3	\$209.57	\$314.36	\$419.14
	Tier 4	\$209.57	\$314.36	\$419.14
Electrical Project Manager	Tier 1	\$209.57	\$314.36	\$419.14
	Tier 2	\$209.57	\$314.36	\$419.14
	Tier 3	\$209.57	\$314.36	\$419.14
	Tier 4	\$209.57	\$314.36	\$419.14

Tier 1
Branch Name
Baltimore
Cleveland
Los Angeles
Pittsburgh
San Diego
Seattle
Wash DC-Beltsville

Tier 2
Branch Name
Albany
Atlanta
Birmingham
Boston
Buffalo
Charlotte
Hartford
Jackson
Jacksonville
Miami
New Jersey
New Orleans
New York
Orlando
Philadelphia
Rochester
Syracuse
Tampa

Tier 3
Branch Name
Chicago
Detroit
Milwaukee
Minneapolis

Tier 4
Branch Name
Dallas
Denver
Houston
Phoenix
San Antonio

FY20 Electrical Installer GSA Rate				
Type Labor	Tier	GSA Rates	OT Rates	DT Rates
Electrical Installer	Tier 1	\$181.36	\$272.04	\$362.72
	Tier 2	\$141.06	\$211.59	\$282.12
	Tier 3	\$110.83	\$166.25	\$221.66
	Tier 4	\$90.68	\$136.02	\$181.36

Tier 1
Branch Name
Alaska
Hawaii
New Jersey
New York
Philadelphia
San Francisco

Tier 2
Branch Name
Chicago
Albuquerque
Baltimore
Central Illinois
Kansas City
Las Vegas
Los Angeles
Milwaukee
Phoenix
Richmond
Seattle
St. Louis
Wash DC-Beltsville

Tier 3
Branch Name
Alabama
Atlanta
Austin
Boston
Cincinnati
Cleveland
Columbus
Dallas
Fresno
Harrisburg
Hartford
Miami
Minneapolis
Nashville
Nebraska
Portland
Rochester
Sacramento
Spartanburg
Virginia Beach

Tier 4
Branch Name
Albany
Boise
Buffalo
Charlotte
Colorado Springs
Denver
Detroit
Grand Rapids
Greensboro
Harvard
Houston
Indianapolis
Iowa
Jackson
Jacksonville
Lafayette
Louisville
Maine
Memphis
New Orleans
Oklahoma

Tier 4 cont
Branch Name
Orlando
Palm City
Pensacola
Pittsburgh
Puerto Rico
Raleigh
Rhode Island
Roanoke
Salt Lake City
San Antonio
San Diego
Savannah
Syracuse
Tallahassee
Tampa

FY20 Fire Services GSA Rate				
Type Labor	Tier	GSA Rates	OT Rates	DT Rates
FIS Service Specialist	Tier 1	\$151.13	\$226.70	\$302.26
	Tier 2	\$127.96	\$191.94	\$255.92
	Tier 3	\$117.88	\$176.82	\$235.76
FIS Service Project Manager	Tier 1	\$171.28	\$256.92	\$342.56
	Tier 2	\$146.10	\$219.15	\$292.20
	Tier 3	\$146.10	\$219.15	\$292.20

Tier 1	Tier 2	Tier 2 cont	Tier 3
Branch Name	Branch Name	Branch Name	Branch Name
Alaska	Albany	Pensacola	Alabama
Baltimore	Albuquerque	Philadelphia	Boise
Boston	Atlanta	Portland	Greensboro
Buffalo	Austin	Raleigh	Houston
Central Illinois	Charlotte	Rhode Island	Indianapolis
Cincinnati	Chicago	Rochester	Lafayette
Cleveland	Colorado Springs	Sacramento	Maine
Columbus	Dallas	San Antonio	Oklahoma
Denver	Detroit	San Diego	Puerto Rico
Fresno	Grand Rapids	Savannah	South Jersey
Hawaii	Harrisburg	Seattle	Tampa
Jacksonville	Hartford	Syracuse	
Los Angeles	Harvard	Tallahassee	
Louisville	Iowa	Wash DC-Beltsville	
Memphis	Jackson		
Nashville	Kansas City		
Phoenix	Las Vegas		
Pittsburgh	Miami		
Richmond	Milwaukee		
Roanoke	Minneapolis		
Salt Lake City	Nebraska		
San Francisco	New Jersey		
St. Louis	New Orleans		
Virginia Beach	New York		
	Orlando		

FY20 Fire Solutions GSA Rates				
Type Labor	Tier	GSA Rates	OT Rates	DT Rates
FIS Solutions Project Manager	Tier 1	\$146.10	\$219.15	\$292.20
	Tier 2	\$136.02	\$204.03	\$272.04
	Tier 3	\$136.02	\$204.03	\$272.04
	Tier 4	\$130.98	\$196.47	\$261.96
FIS Engineer	Tier 1	\$128.72	\$193.08	\$257.44
	Tier 2	\$110.83	\$166.25	\$221.66
	Tier 3	\$110.83	\$166.25	\$221.66
	Tier 4	\$105.79	\$158.69	\$211.58

Tier 1
Branch Name
Alaska
Albuquerque
Baltimore
Boston
Denver
Harrisburg
Hawaii
Las Vegas
Los Angeles
New Jersey
New York
Philadelphia
Phoenix
Portland
Rochester
Sacramento
San Diego
San Francisco
Seattle
Wash DC-Beltsville

Tier 2
Branch Name
Albany
Buffalo
Chicago
Columbus
Dallas
Detroit
Fresno
Greensboro
Hartford
Jackson
Minneapolis
Nashville
New Orleans
Oklahoma
Richmond
Salt Lake City
Syracuse

Tier 3
Branch Name
Atlanta
Austin
Boise
Central Illinois
Cincinnati
Cleveland
Colorado Springs
Grand Rapids
Harvard
Houston
Indianapolis
Iowa
Jacksonville
Kansas City
Louisville
Memphis
Miami
Milwaukee
Orlando
Pensacola
Pittsburgh
Puerto Rico
Raleigh
Rhode Island
San Antonio
South Jersey
St. Louis
Tallahassee

Tier 4
Branch Name
Alabama
Charlotte
Lafayette
Maine
Nebraska
Roanoke
Savannah
Tampa
Virginia Beach

FY20 Energy Engineer GSA Rates				
Type Labor	Tier	GSA Rates	OT Rates	DT Rates
Energy Engineer	Tier 1	\$223.68	\$335.52	\$447.36
	Tier 2	\$209.57	\$314.36	\$419.14
	Tier 3	\$203.53	\$305.30	\$407.06
	Tier 4	\$191.44	\$287.16	\$382.88

Tier 1	Tier 2	Tier 3	Tier 4
Branch Name	Branch Name	Branch Name	Branch Name
Alaska	Alabama	Albany	Baltimore
Fresno	Atlanta	Albuquerque	Chicago
Hawaii	Charlotte	Austin	Cincinnati
Los Angeles	Greensboro	Boise	Cleveland
Portland	Jackson	Boston	Columbus
Sacramento	Jacksonville	Buffalo	Detroit
San Diego	Lafayette	Colorado Springs	Grand Rapids
San Francisco	Miami	Dallas	Indianapolis
Seattle	New Orleans	Denver	Iowa
	Orlando	Harrisburg	Kansas City
	Palm City	Hartford	Louisville
	Pensacola	Harvard	Memphis
	Puerto Rico	Houston	Milwaukee
	Raleigh	Las Vegas	Minneapolis
	Savannah	Maine	Nashville
	Tallahassee	New Jersey	Nebraska
	Tampa	New York	Richmond
	Wash DC-Beltsville	Oklahoma	Roanoke
		Philadelphia	St. Louis
		Phoenix	Virginia Beach
		Pittsburgh	
		Rhode Island	
		Rochester	
		Salt Lake City	
		San Antonio	
		Scranton	
		Syracuse	

FY20 Energy Specialist/PM GSA Rates

Type Labor	Tier	GSA Rates	OT Rates	DT Rates
Energy Specialist	Tier 1	\$211.59	\$317.39	\$423.18
	Tier 2	\$176.32	\$264.48	\$352.64
	Tier 3	\$147.10	\$220.65	\$294.20
	Tier 4	\$125.94	\$188.91	\$251.88
Energy Project Manager	Tier 1	\$221.66	\$332.49	\$443.32
	Tier 2	\$191.44	\$287.16	\$382.88
	Tier 3	\$191.44	\$287.16	\$382.88
	Tier 4	\$191.44	\$287.16	\$382.88

Tier 1

Branch Name
Alaska
Boise
Hawaii
Los Angeles
Portland
Sacramento
San Diego
San Francisco
Seattle

Tier 2

Branch Name
Albuquerque
Austin
Colorado Springs
Dallas
Denver
Houston
Las Vegas
Oklahoma
Phoenix
Salt Lake City
San Antonio

Tier 3

Branch Name
Alabama
Atlanta
Baltimore
Charlotte
Chicago
Cincinnati
Cleveland
Columbus
Detroit
Grand Rapids
Greensboro
Indianapolis
Iowa
Jackson
Jacksonville
Kansas City
Lafayette

Tier 3 cont

Branch Name
Louisville
Memphis
Miami
Milwaukee
Minneapolis
Nashville
Nebraska
New Orleans
Orlando
Palm City
Pensacola
Pittsburgh
Puerto Rico
Raleigh
Richmond
Roanoke
Rochester
Savannah
St. Louis
Tallahassee
Tampa
Virginia Beach
Wash DC-Beltsville

Tier 4

Branch Name
Albany
Boston
Buffalo
Harrisburg
Hartford
Harvard
Maine
New Jersey
New York
Philadelphia
Rhode Island
Scranton
Syracuse

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FY20 Sprinkler Service GSA Rates					Tier 1	Tier 2	Tier 3	Tier 4
Type Labor	Tier	GSA Rates	OT Rates	DT Rates	Branch Name	Branch Name	Branch Name	Branch Name
Sprinkler Service Specialist	Tier 1	\$191.44	\$287.16	\$382.88	Baltimore	Chicago	Atlanta	Austin
	Tier 2	\$176.32	\$264.48	\$352.64	Boston	Denver	Cincinnati	Charlotte
	Tier 3	\$139.95	\$209.93	\$279.90	Minneapolis	Los Angeles	Cleveland	Houston
	Tier 4	\$120.91	\$181.37	\$241.82	New York	Portland	Dallas	Miami
				Philadelphia	San Diego	Indianapolis	Raleigh	
				Rhode Island	Washington DC	Orlando	Tampa	
				San Francisco		Phoenix		
				Seattle		Pittsburgh		

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FY20 Dockside GSA Rates				
Type Labor	Tier	GSA Rates	OT Rates	DT Rates
Field Service Engineer	National Rate	\$223.68	\$335.52	\$447.36
Repair Service Technician (OCONUS)	National Rate	\$183.38	\$275.07	\$366.76
Repair Service Technician (CONUS)	National Rate	\$160.20	\$240.30	\$320.40