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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!*TM, a menu-driven database system. The INTERNET address GSA *Advantage!*TM is: <http://www.GSAAdvantage.gov>.

SCHEDULE 03FAC –FACILITIES MAINTENANCE AND MANAGEMENT

FEDERAL SUPPLY SERVICE

Solicitation Number: 6FEC-E6-030292-B

Refresh Number: 25

Contract Number: GS-06F-0033P

Contract Effective: March 30, 2014 to March 29, 2019

MOD PS-0039 Effective Date: July 1, 2016

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 300

Reston, VA 20191

“Prices Shown Herein are net (discount deducted)”



CUSTOMER INFORMATION

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

Fire Alarm

SIN 561 001 Fire Alarm Preventive Maintenance and Repair Services

SIN 561 002 Fire Suppression System Preventive Maintenance and Repair Services

Energy

SIN 871 202 Energy Management Planning and Strategies

SIN 871 203 Training on Energy Management

SIN 871 204 Metering Services

SIN 871 205 Energy Program Support Services

SIN 871 206 Building Commissioning

SIN 871 207 Energy Audit Services

SIN 871 209 Innovations in Energy

SIN 871 210 Water Conservation

SIN 003 97 Ancillary Repair and Alterations

SIN 003 01 Smart Buildings Systems Integrator

SIN 003 100 Ancillary Supplies and/or Services

SIN 871 211 Ancillary Supplies and/or Services

SIN 871 100 Ancillary Supplies and/or Services

Facilities Management

SIN 811 002 Complete Facilities Maintenance

SIN 811 003 Complete Facilities Management

SIN 811 004 Maintenance of utility Systems

SIN 811 005 Refrigeration, Heating, Ventilation, Air Conditioner, Boiler and chiller HVAC Maintenance

SIN 811 006 Facilities Maintenance and Management Consulting

Dockside Facilities Maintenance, Repair Services and Dry Docking Services

SIN 812 002 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 - ranges from 9.57% - 42.50% off the Siemens Price matrix

b. Material - varies by product

7. QUANTITY DISCOUNT: None

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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 (*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 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, Port of Exportation: Alaska, Hawaii and Puerto Rico

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

For additional information contact:

**SIEMENS
INDUSTRY, INC
Beverly Lester
1881 Campus Commons Drive
Suite 300
Reston, VA 20191
Office: 703-483-2036
FAX: 703-483-2100
Email: beverly.lester@siemensgovt.com**

14. PAYMENT ADDRESSES: Per Siemens 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

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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. CENTRAL CONTRACTOR REGISTRATION (CCR) database: 1HLQ3

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SIN DESCRIPTIONS

SIN 561 001 --- Fire Alarm System Preventative Maintenance and Repair Services – Services include but are not limited to the performance inspection, testing, and preventive maintenance or repair of a variety of fire alarm and notification systems, equipment and components such as manual alarm devices, smoke and heat detectors, tamper switches, pressure switches, waterflow switches, remote and graphic annunciators, main fire alarm panel and components, voice alarm system, speakers and horns and other audible and visual devices, wiring circuits and junctions, all other alarm, detection and control and ancillary devices, and emergency power operations.

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 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

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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 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;

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- 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.
- 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

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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.
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.
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.

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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.
 - 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

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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, 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.

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- 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 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,

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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

SIN 561 002 – Water Based Fire Suppression System Preventative Maintenance and Repair Services

– Services consist of but are not limited to, the performance inspection, testing and preventive maintenance or repair services of all mechanical devices including valves, sprinklers, couplings, piping and connections, water motor gongs and alerting devices, tamper switches, pressure switches, waterflow switches, standpipes, backflow preventers, private fire service mains, pumps and test headers.

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.

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- **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 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems including all annexes.

And;

1. All water-based fire suppression inspections, tests, and maintenance performed under this contract shall comply with the 2010 edition of NFPA 25.
2. Housekeeping. The Contractor shall leave areas where he performs work neat, clean and orderly.
3. 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.
4. Asbestos. Water-based fire suppression 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.
5. Lead –Based Paint. Water-based fire suppression 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.
6. Operability. The Contractor shall ensure that the water-based fire suppression systems are 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 water-based fire suppression system and that back up protection be provided by the Contractor any time that the water-based fire suppression 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.
7. 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.
8. 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.
9. Security clearance – See Clause C-FSS-370.
10. Repairs and Unscheduled Work. The Contractor shall perform Repairs and Unscheduled Work for water-based fire suppression systems as covered in NFPA 25.
11. 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 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..
12. 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.
13. Fire Suppression Inventory Changes. The Government will inform the Contractor of any changes to the inventory.

CONTRACTOR SPECIAL REQUIREMENTS

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1. The Contractor at the Contractor's expense will obtain all necessary permits, and licenses for performing water-based fire suppression system tests and inspections.
2. 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.

Water-based Fire Suppression System INSPECTIONS

Inspection –Water-based fire suppression system inspection services shall be performed in accordance with NFPA 25.

Report – Water-based fire suppression system inspection reports shall be submitted to the requesting agency on the “suggested form”, as found in NFPA 25, 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;

1. 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.
2. Report the results of inspections and tests in accordance with applicable local regulations, or as directed by the Ordering Official and Authority Having Jurisdiction.
3. 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.
4. Full Maintenance Inspection and Testing. The Contractor shall perform water-based fire suppression system inspection; testing and maintenance as covered in NFPA 25.
5. Repairs and Unscheduled Work. The Contractor shall perform Repairs and Unscheduled Work for water-based fire suppression system systems as covered in NFPA 25.
6. 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

1. All Technicians shall be certified by the National Institute for Certification in Engineering Technologies (NICET)
2. 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.
3. Water-based Fire Suppression System Technicians: All Technicians shall be certified by the National Institute for Certification in Engineering Technologies (NICET). All Technicians performing services for the inspection,

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testing, and maintenance of the building's water-based fire protection systems in accordance with the contract and with this exhibit shall hold at least a NICET Level 2 (Associate Engineering Technician) in Fire Protection Engineering Technology, Inspection and Testing of Water-Based Systems. Additionally, the Technician must have experience in the past five years in inspecting, testing, and maintenance of water-based fire protection systems.

- 4 Licenses & Permits. Contractor and sub-contractor 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.
- 5 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 water-based fire suppression system in accordance with NFPA 25.
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 25.
 - b. The record shall include any problems noted with the system, including inoperable or unsupervised devices or equipment, or devices that cannot be 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.
 - c. The record shall be provided electronically (by email) if required by the Ordering Official, Authority Having Jurisdiction, or the buildings manager (formatted in Microsoft Word or Excel).
3. Correcting Water-based Fire Suppression 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 water-based fire suppression system.
4. Government Assistance. The Contractor shall contact the building manager for assistance in coordinating the initial water-based fire suppression system 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, 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 Water-based Fire suppression System. Any damage to water-based fire suppression system equipment 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 water-based fire suppression systems in accordance with NFPA 25.
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 the water-based fire suppression 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 25.
 - b. The Contractor's 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 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 water-based fire suppression 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 water-based fire suppression 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 water-based fire suppression 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 25. 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 water-based fire suppression 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, 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 Water-based Fire Suppression System. Any damage to the water-based fire suppression system equipment 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 water-based fire suppression 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
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.

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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 water-based fire suppression 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 water-based fire suppression 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 25. 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.
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.

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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 25, which establish the minimum requirements for the periodic inspection, testing, and maintenance of water-based fire protection 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 25 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. Preventive maintenance includes, but is not limited to, lubricating control valve stems; adjusting packing glands on valves and pumps; bleeding moisture and condensation from air compressors, air lines, and dry pipe system auxiliary drains; and cleaning strainers.
 - 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. Corrective maintenance includes, but is not limited to, replacing corroded, or painted sprinklers; correcting obstructions to sprinkler spray patterns; repairing pipe leaks; replacing missing or loose pipe hangers; cleaning clogged fire pump impellers; and replacing valve seats and gaskets.
 - Emergency maintenance includes, but is not limited to, repairs due to piping failures caused by freezing or impact damage; and replacement of frozen or fused sprinklers. 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 25. 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 25 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

871 202 --- Energy Management Planning and Strategies

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

1. Consulting/Auditing/Energy Management Solutions - This includes the strategic planning, energy assessments e.g. feasibility, vulnerability and other detailed assessments, developing and executing of energy audits, audit plans, renewable energy surveys and energy management solutions.

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2. Concept Development and Requirements Analysis? This includes the analysis of the audit results and outlined requirements to design a detailed energy management project concept.
3. Implementation and Change Management - This includes the implementation and integration of more energy efficient practices and systems and training in using them effectively.
4. Measurement and Verification - This includes the performance assessment and measurement of the effectiveness and energy efficiency of the project and can include long term monitoring, verification of savings and benchmarking.

871 203 --- Training on Energy Management

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

871 204 --- Metering Services

Including, but not limited to, the installation of metering equipment and software used for the collection of data and measurement of energy consumption through electric, gas, water or steam utilities, the utilization of data to ensure energy conservation goals are being met, and allows for the measurement and tracking of the cost effectiveness of energy technology investments. This could include basic metering services, advanced metering services, maintenance, installation, removal and disposal of new or existing equipment. Security clearances such as HSPD-12 may be required.

871 205 --- Energy Program Support Services

Including, but not limited to, energy choice analysis and/or feasibility studies; billing and management oversight to include utility bill auditing; utility bill data base set up and management; reporting; bill itemization and allocation; bill payment and assistance in preparing energy services related agency statements of work. Energy efficient buildings certification programs such as LEED may be included.

871 206 --- Building Commissioning Services

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

871 207 --- Energy Audit Services

Including, but not limited to, developing, executing, and reporting on audit plans and/or performing energy and water audit services. Energy audits may range from cursory to comprehensive. Including, but not limited to data collection, data analysis, benchmarking with tools such as Energy Star, and written recommendations of suggested upgrades of electrical and mechanical infrastructure, including their impact on energy consumption and pollution can include recommendations for using alternative Energy Sources. Audit services can include computerized control systems using analytical software and a network of electronic devices to assist Federal agencies with achieving energy conservation goals. Energy efficient buildings certification programs such as LEED may be included.

871 209 --- Innovations in Energy

Innovative approaches to renewable energy. These might include, but are not limited to, new developments or improvements in providing renewable energy and managing energy through biomass conversion, solar energy, fuel cells, geothermal energy, hydropower (tidal power, wave power, tidal stream power, waterwheels, and hydro electricity), wind power or other sources, and the maintenance of renewable energy systems. These approaches should be capable of providing renewable and/or sustainable energy and sustainability services that are more carbon-neutral, thereby lessening dependence on traditional non-renewable, fossil fuel sources of energy such as coal, oil, natural gas and propane.

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871 210 --- Water Conservation

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

003 97 --- Ancillary Repair and Alterations

Repair and Alterations ancillary to existing SINs under this Schedule. Ancillary Repair and Alterations projects are those (1) solely associated with the repair, alternation, delivery or installation of products or services also purchased under this Schedule, and which are (2) routine and non-complex in nature, such as routine painting or carpeting, simple hanging of drywall, basic electrical or plumbing work, landscaping, and similar noncomplex services. This SIN EXCLUDES: (1) major or new construction of buildings, roads, parking lots and other facilities; (2) complex R&A of entire facilities or significant portions of facilities, and (3) Architect-Engineering Services subject to Public Law 92-582 (Brooks Act).

The work performed under this SIN shall be associated with existing SINs that are part of this Schedule.

Ancillary Repair and Alterations shall not be the primary purpose of the work ordered but be an integral part of the total solution offered. Ancillary repair and alteration services may only be ordered in conjunction with or in support of products or services purchased under this Federal Supply Schedule contract.

This SIN includes all regulatory guidance outlined in accordance with FAR 36, including the Davis Bacon Act and the Miller Act.

Special Instructions: No award will be made under 003-97 Ancillary Repair and Alteration unless an offeror is awarded (or receives award concurrently) for another SIN under this Schedule. The Repair and Alteration work must be ancillary (incidental) to the primary services or products offered under the Schedule.

For Federally-owned space managed by GSA s Public Building Service (PBS), approval of the PBS Building Manager must be received by the ordering activity and contractor before any repair and alteration work may be ordered. A copy of the approval must be retained by both the ordering activity contracting officer and the contractor.

Owned or leased space outside the PBS inventory may also include approval requirements. A copy of the approval must be retained by both the ordering activity contracting officer and the MAS contractor performing the R&A services.

This R&A SIN shall not be used for PBS leased space.

Any Agency contracting officer ordering services under this SIN for Ancillary Repair and Alterations is responsible for complying with his or her agency s internal policies when procuring R&A services. This may include a specific warrant delegation for procuring construction services when the estimated amount of this portion of the task order exceeds \$2,000 (Ref. FAR 22.4).

Special Notice to Ordering Agencies: GSA or other landlords may require reperformance of any nonconforming work at agency expense. If applicable, agencies may seek appropriate recourse from the contractor responsible for the nonconforming work.

SIN 003 01 --- Smart Buildings Systems Integrator

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.

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SIN 003 100 --- Ancillary Supplies and/or Services

Ancillary supplies and/or services are support supplies and/or services which are not within the scope of any other SIN on this schedule. These supplies and/or services are necessary to compliment a contractor's offerings to provide a solution to a customer requirement. This SIN may be used for orders and blanket purchase agreements that involve work or a project that is solely associated with the supplies and/or services purchased under this schedule. This SIN EXCLUDES purchases that are exclusively for supplies and/or services already available under another schedule. Special Instructions: The work performed under this SIN shall be associated with existing SIN(s) that are part of this schedule. Ancillary supplies and/or services shall not be the primary purpose of the work ordered, but be an integral part of the total solution offered. Ancillary supplies and/or services may only be ordered in conjunction with or in support of supplies or services purchased under another SIN(s) of the same schedule. Offerors may be required to provide additional information to support a determination that their proposed ancillary supplies and/or services are commercially offered in support of one or more SIN(s) under this schedule.

SIN 871 211 --- Ancillary Supplies and/or Services

Ancillary supplies and/or services are support supplies and/or services which are not within the scope of any other SIN on this schedule. These supplies and/or services are necessary to compliment a contractor's offerings to provide a solution to a customer requirement. This SIN may be used for orders and blanket purchase agreements that involve work or a project that is solely associated with the supplies and/or services purchased under this schedule. This SIN EXCLUDES purchases that are exclusively for supplies and/or services already available under another schedule. Special Instructions: The work performed under this SIN shall be associated with existing SIN(s) that are part of this schedule. Ancillary supplies and/or services shall not be the primary purpose of the work ordered, but be an integral part of the total solution offered. Ancillary supplies and/or services may only be ordered in conjunction with or in support of supplies or services purchased under another SIN(s) of the same schedule. Offerors may be required to provide additional information to support a determination that their proposed ancillary supplies and/or services are commercially offered in support of one or more SIN(s) under this schedule.

SIN 871 100 --- Ancillary Supplies and/or Services

Ancillary supplies and/or services are support supplies and/or services which are not within the scope of any other SIN on this schedule. These supplies and/or services are necessary to compliment a contractor's offerings to provide a solution to a customer requirement. This SIN may be used for orders and blanket purchase agreements that involve work or a project that is solely associated with the supplies and/or services purchased under this schedule. This SIN EXCLUDES purchases that are exclusively for supplies and/or services already available under another schedule. Special Instructions: The work performed under this SIN shall be associated with existing SIN(s) that are part of this schedule. Ancillary supplies and/or services shall not be the primary purpose of the work ordered, but be an integral part of the total solution offered. Ancillary supplies and/or services may only be ordered in conjunction with or in support of supplies or services purchased under another SIN(s) of the same schedule. Offerors may be required to provide additional information to support a determination that their proposed ancillary supplies and/or services are commercially offered in support of one or more SIN(s) under this schedule.

SIN 811 002 --- Complete Facilities Maintenance

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

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combinations. Services could include, but are not limited to:

- Cemetery Maintenance
- Laundry Services
- Pest control services
- Janitorial/custodial services, to include collection and disposal of refuse and collection and disposal of recycle materials
- Locksmith services
- Plumbing operations & maintenance
- Electrical services to include: High/low voltage systems and maintenance and repair of exterior electrical distribution system
- Maintenance of energy management control systems (EMCS)
- Refrigeration maintenance
- Elevator inspection and maintenance service
- Maintenance of renewable energy systems
- Repair of water tanks
- Fire alarm system preventive maintenance and repair service
- Maintenance support training and consulting services
- Telephone maintenance
- Fire suppression system preventive maintenance and repair services
- Mechanical and operations maintenance & repair of building systems to include: HVAC, boilers, chillers, etc.
- Tree trimming
- Grounds maintenance - to include: Snow removal & landscaping
- Operation and maintenance of water distribution systems and septic systems
- Painting (Davis-Bacon included)

SIN 811 003 --- Complete Facilities Management

Services include facilities management and consulting. Services will be management duties including, but not limited to, property and facilities management, planning, scheduling, quality control software support services, and computer and/or facilities management systems. The service will include adequate staff of personnel and alternates as required, with the necessary management expertise to assure performance of the work in accordance with sound and efficient management practices. [For separate SIN requirements not part of integrated facility management systems support such as independent energy management systems, intrusion alarm systems, and guard services, see schedule 84]

SIN 811 004 --- Maintenance of Utility Systems

Services include but are not limited to one of the following: Electrical Utilities, all types of Cabling Services, Telephone Utility Services, Gas Utility Services, Drinking Water Utility Services, Waste Water Services, and/or Water Utility Services necessary to meet the Government's needs. Resulting task orders could be used for the operation, maintenance, repair, future upgrades, future utility system replacements labor, materials, tools, and equipment necessary to own, maintain and operate the utility system(s). Task orders could also be used to manage the maintenance, repairs, replacement, etc., of the system(s) to ensure continuous, adequate, and dependable service for each Government agency or tenant.

NOTE: These services may include the supply or use of environmentally sustainable products such as U.S. Department of Agriculture-designated BioPreferred (biobased) products.

SIN 811 005 --- Refrigeration, Heating, Ventilation, Air Conditioner, Boiler and Chiller HVAC Maintenance

Services related to providing heating and ventilation services. Service could include, but are not limited

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to, cleaning; air balancing; restoration and de-contamination of HVAC systems or any combination of providing plant equipment; materials; tools; transportation; supervision; labor to perform all repairs; periodic preventative maintenance (PPM); and emergency service work calls to ensure continual operations of refrigeration; heating; ventilation; air conditioner; boiler; Geothermal heat pump systems; renewable energy systems; and boiler and chiller systems.

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 811 006 --- Facilities Maintenance and Management Consulting

Services that include, but are not limited to: the development, planning, facilitation, coordination, documentation, program planning, audits, inspections, evaluations, studies, analyses (including cost), scenarios, reports, policy and regulation development assistance for initiatives in areas of facilities maintenance and management solutions. Includes Smart Building Consulting.

SIN 812 002 – Dockside Maintenance and Repair Services

Services include, but are not limited to, the performance of full inspection, testing, repair, and maintenance services for Federal marine vessels. These maintenance and repair services could include, one or more of the following: preservation of ship structures, deck covering systems, welding processes, temporary hull access, electrical and HVAC systems, auxiliary machinery systems, shipboard ventilation systems, electrical rotating machines, generators and motors, propulsion systems, and tank and void inspection, testing, repair and maintenance.

LABOR RATES

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: 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: BAU Project Manager

Functional Responsibility: oversees teams or groups responsible for executing project (solutions) and 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: FIS Project Manager

Functional Responsibility: oversees teams or groups responsible for executing project (solutions) and service 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: 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 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: 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: Electrical 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 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: BS/BA in related discipline or equivalent combination of experience and education.

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 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: Power System Study 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.

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: 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: 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-OCONUS)

Functional Responsibility: travel OCONUS 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

**Service rates apply to the repair and maintenance of equipment and systems. This includes but is not limited to maintenance/service agreements and training.*

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)

BLANKET PURCHASE AGREEMENTS (BPAs)

This information will assist ordering offices in understanding how to effectively utilize Blanket Purchase Agreements (BPAs) under GSA Federal Supply Schedule contracts.

In accordance with [Federal Acquisition Regulation \(FAR\) 8.405-3](#), ordering activities may establish Blanket Purchase Agreements (BPAs) under any GSA Schedule contract. BPAs simplify the filling of recurring needs for supplies and services, while leveraging ordering activities' buying power by taking advantage of quantity discounts, saving administrative time, and reducing paperwork.

Benefits and Advantages of Using BPAs

BPAs offer an excellent option for federal agencies and Schedule contractors alike, providing convenience, efficiency, and reduced costs. Contractual terms and conditions are contained in GSA Schedule contracts and are not to be re-negotiated for GSA Schedule BPAs. Therefore, as a purchasing option, BPAs eliminate such contracting and open market costs as the search for sources, the need to prepare solicitations, and the requirement to synopsise the acquisition.

BPAs also:

- Satisfy recurring requirements;
- Reduce administrative costs by eliminating repetitive acquisition efforts;
- Permit ordering activities to leverage buying power through volume purchasing;
- Enable ordering activities streamlined ordering procedures;
- Permit ordering activities to incorporate [Contractor Team Arrangements \(CTAs\)](#)
- Reduce procurement lead time;
- GSA Prices have already been determined to be fair and reasonable; and
- Permit ordering activities the ability to incorporate terms and conditions not in conflict with the underlying contract.

A BPA can be set up for agency field offices across the nation, thus allowing them to participate in a customer's BPA and place orders directly with GSA Schedule contractors. In doing so, the entire agency reaps the benefits of additional discounts negotiated into the BPA. Additionally, the ordering office reduces the administrative burden of writing numerous task/delivery orders, while still being able to order with no limit on volume or frequency of orders.

A multi-agency BPA is also permitted if the BPA identifies the participating agencies and their estimated requirements at the time the BPA is established.

For more information on BPAs visit:

<http://www.gsa.gov/portal/content/199353>

BPA Sample Format is provided below:

SAMPLE BPA FORMAT

BPA NUMBER _____

(CUSTOMER NAME)
BLANKET PURCHASE AGREEMENT

Pursuant to GSA Federal Supply Schedule Contract Number(s) _____ and Federal Acquisition Regulation (FAR) 8.405-3, Blanket Purchase Agreements (BPAs), the Contractor agrees to the following terms of a BPA EXCLUSIVELY WITH _____ (*Ordering Agency*):

(1) The following contract services/products can be ordered under this BPA. All orders placed against this BPA are subject to the terms and conditions of the contract, except as noted below:

<u>ITEM (Model/Part Number or Type of Service)</u>	<u>SPECIAL BPA DISCOUNT/PRICE</u>
--	-----------------------------------

_____	_____
_____	_____
_____	_____

(2) Delivery:

<u>DESTINATION</u>	<u>DELIVERY SCHEDULE/DATES</u>
--------------------	--------------------------------

_____	_____
_____	_____
_____	_____

(3) The Government estimates, but does not guarantee, that the volume of purchases through this agreement will be _____.

(4) This BPA does not obligate any funds.

(5) This BPA expires on _____ or at the end of the contract period, whichever is earlier.

(6) The following office(s) is hereby authorized to place orders under this BPA:

<u>OFFICE</u>	<u>POINT OF CONTACT</u>
---------------	-------------------------

_____	_____
_____	_____
_____	_____

(7) Orders will be placed against this BPA via Electronic Data Interchange (EDI), FAX, paper, or oral communications.

(8) Unless otherwise agreed to, all deliveries under this BPA must be accompanied by delivery tickets or sales slips that must contain the following information as a minimum:

(a) Name of Contractor;

(b) Contract Number;

ATTACHMENT A - LABOR RATES

- (c) BPA Number;
 - (d) Model Number or National Stock Number (NSN);
 - (e) Task/Delivery Order Number;
 - (f) Date of Purchase;
 - (g) Quantity, Unit Price, and Extension of Each Item (unit prices and extensions need not be shown when incompatible with the use of automated systems; provided, that the invoice is itemized to show the information); and
 - (h) Date of Shipment.
- (9) The requirements of a proper invoice are as specified in the Federal Supply Schedule contract. Invoices will be submitted to the address specified within the task/delivery order transmission issued against this BPA.
- (10) The terms and conditions included in this BPA apply to all purchases made pursuant to it. In the event of an inconsistency between the provisions of this BPA and the Contractor's invoice, the provisions of this BPA will take precedence.

ATTACHMENT A - LABOR RATES

Schedule 03FAC # GS-06F-0033P
 Mod PS-0037 Effective 3/24/16

FY16 BAU Services GSA Rate				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
BAU Service Specialist	Tier 1	\$161.20	\$241.80	\$322.40
	Tier 2	\$156.16	\$234.24	\$312.32
	Tier 3	\$141.05	\$211.58	\$282.10
	Tier 4	\$130.98	\$196.47	\$261.96
	Tier 5	\$115.86	\$173.79	\$231.72

* a 5th Tier was added in FY16

Tier 1
Branch Name
Alaska
Fresno
Las Vegas
Los Angeles
New Jersey
New York
Sacramento
San Francisco
Seattle

Tier 2
Branch Name
Albuquerque
Chicago
Detroit
Minneapolis
Phoenix
Portland
San Diego
St. Louis

Tier 3
Branch Name
Boston
Central Illinois
Cincinnati
Cleveland
Colorado Springs
Columbus
Denver
Grand Rapids
Harriburg
Indianapolis
Iowa
Kansas City
Philadelphia
Pittsburgh
Salt Lake City
Scranton

Tier 4
Branch Name
Alabama
Albany
Baltimore
Buffalo
Central Texas
Dallas
Hartford
Harvard
Jackson
Jacksonville
Louisville
Milwaukee
Nashville
Nebraska
New Orleans
Orlando
Rhode Island
Richmond
Rochester
Syracuse
Wash DC-Beltsville

Tier 5
Branch Name
Atlanta
Boise
Charlotte
Greensboro
Houston
Lafayette
Maine
Memphis
Miami
Oklahoma
Palm City
Pensacola
Puerto Rico
Raleigh
Roanoke
Savannah
Tallahassee
Tampa
Virginia Beach

ATTACHMENT A - LABOR RATES

Schedule 03FAC # GS-06F-0033P
 Mod PS-0037 Effective 3/24/16

FY16 BAU Solutions GSA Rates				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
BAU Project Manager	Tier 1	\$166.24	\$249.36	\$332.48
	Tier 2	\$143.07	\$214.61	\$286.14
	Tier 3	\$130.98	\$196.47	\$261.96
	Tier 4	\$125.94	\$188.91	\$251.88
BAU Engineer	Tier 1	\$115.86	\$173.79	\$231.72
	Tier 2	\$110.83	\$166.25	\$221.66
	Tier 3	\$105.79	\$158.69	\$211.58
	Tier 4	\$100.75	\$151.13	\$201.50

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

ATTACHMENT A - LABOR RATES

Schedule 03FAC # GS-06F-0033P
 Mod PS-0037 Effective 3/24/16

FY16 Mechanical Services/Solutions GSA Rate				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
Mechanic	Tier 1	\$190.31	\$285.47	\$380.62
	Tier 2	\$167.92	\$251.88	\$335.84
	Tier 3	\$151.13	\$226.70	\$302.26
	Tier 4	\$128.74	\$193.11	\$257.48
	Tier 5	\$107.47	\$161.21	\$214.94

Tier 1	Tier 2	Tier 3	Tier 4	Tier 5
Branch Name	Branch Name	Branch Name	Branch Name	Branch Name
New Jersey	Alaska	Albuquerque	Albany	Alabama
New York	Boston	Central Illinois	Baltimore	Atlanta
San Francisco	Chicago	Columbus	Buffalo	Boise
	Fresno	Detroit	Cincinnati	Central Texas
	Harvard	Hartford	Cleveland	Charlotte
	Las Vegas	Los Angeles	Colorado Springs	Dallas
	Milwaukee	Minneapolis	Grand Rapids	Denver
	Philadelphia	Nashville	Harrisburg	Greensboro
	Sacramento	Nebraska	Houston	Jackson
	Seattle	Phoenix	Indianapolis	Jacksonville
	State College	Portland	Iowa	Lafayette
		Rhode Island	Kansas City	Louisville
		San Diego	Pittsburgh	Maine
		Scranton	Rochester	Memphis
		St. Louis	Syracuse	Miami
		Wash DC-Beltsville		New Orleans
				Oklahoma
				Orlando
				Palm City
				Pensacola
				Puerto Rico
				Raleigh
				Richmond
				Roanoke
				Salt Lake City
				Savannah
				Tallahassee
				Tampa
				Virginia Beach

ATTACHMENT A - LABOR RATES

Schedule 03FAC # GS-06F-0033P
 Mod PS-0037 Effective 3/24/16

FY16 Fire Services GSA Rate				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
FIS Service Specialist	Tier 1	\$139.04	\$208.56	\$278.08
	Tier 2	\$125.94	\$188.91	\$251.88
	Tier 3	\$115.86	\$173.79	\$231.72
	Tier 4	\$105.79	\$158.69	\$211.58

Tier 1
Branch Name
Alaska
Albuquerque
Baltimore
Boston
Central Illinois
Chicago
Colorado Springs
Columbus
Denver
Detroit
Iowa
Los Angeles
Milwaukee
New Jersey
New York
Philadelphia
Phoenix
Pittsburgh
Portland
Rhode Island
Richmond
Salt Lake City
San Francisco
Seattle
Wash DC-Beltsville

Tier 2
Branch Name
Central Texas
Cleveland
Dallas
Fresno
Harvard
Indianapolis
Jackson
Jacksonville
Kansas City
Las Vegas
Louisville
Minneapolis
Roanoke
Sacramento
St. Louis

Tier 3
Branch Name
Boise
Charlotte
Cincinnati
Harrisburg
Hartford
Houston
Lafayette
Maine
Memphis
Nashville
Nebraska
New Orleans
Oklahoma
Orlando
Pensacola
Puerto Rico
Raleigh
San Diego
South Jersey
Tallahassee
Virginia Beach

Tier 4
Branch Name
Alabama
Atlanta
Grand Rapids
Greensboro
Little Rock
Miami
Savannah
Tampa

**Schedule 03FAC # GS-06F-0033P
Mod PS-0037 Effective 3/24/16**

ATTACHMENT A - LABOR RATES

FY16 Fire Services/Solutions GSA Rates				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
FIS Project Manager	Tier 1	\$141.05	\$211.58	\$282.10
	Tier 2	\$136.01	\$204.02	\$272.02
	Tier 3	\$136.01	\$204.02	\$272.02
	Tier 4	\$130.98	\$196.47	\$261.96
FIS Engineer	Tier 1	\$115.86	\$173.79	\$231.72
	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
Central Texas
Chicago
Cleveland
Las Vegas
Los Angeles
New Jersey
New York
Pittsburgh
Portland
San Diego
San Francisco
Seattle
Wash DC-Beltsville

Tier 2
Branch Name
Boise
Boston
Central Illinois
Cincinnati
Colorado Springs
Columbus
Denver
Fresno
Greensboro
Harrisburg
Hartford
Harvard
Indianapolis
Louisville
Milwaukee
Minneapolis
Philadelphia
Phoenix
Puerto Rico
Raleigh
Rhode Island
Richmond
Salt Lake City
South Jersey

Tier 3
Branch Name
Alabama
Atlanta
Charlotte
Dallas
Detroit
Grand Rapids
Houston
Iowa
Jackson
Jacksonville
Maine
Memphis
Miami
Nashville
Oklahoma
Sacramento
Savannah
St. Louis
Tallahassee

Tier 4
Branch Name
Kansas City
Lafayette
Little Rock
Nebraska
New Orleans
Orlando
Pensacola
Roanoke
Tampa
Virginia Beach

ATTACHMENT A - LABOR RATES

Schedule 03FAC # GS-06F-0033P
 Mod PS-0037 Effective 3/24/16

Electrical Services/Solutions GSA Rate				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
Electrical Engineer	Tier 1	\$176.31	\$264.47	\$352.62
	Tier 2	\$146.09	\$219.14	\$292.18
	Tier 3	\$134.00	\$201.00	\$268.00
	Tier 4	\$129.97	\$194.96	\$259.94

Tier 1
Branch Name
Detroit
Grand Rapids
Iowa
Kansas City
Los Angeles
Louisville
Memphis
Minneapolis
Nashville
Nebraska
New Jersey
New York
Puerto Rico
Sacramento
San Diego
San Francisco
Seattle
St. Louis

Tier 2
Branch Name
Alabama
Alaska
Baltimore
Boston
Cincinnati
Cleveland
Colorado Springs
Columbus
Denver
Harrisburg
Hartford
Harvard
Jackson
Lafayette
Maine
New Orleans
Pensacola
Philadelphia
Pittsburgh
Portland
Rhode Island
Salt lake City
Wash DC-Beltsville

Tier 3
Branch Name
Albuquerque
Central Illinois
Central Texas
Chicago
Houston
Jacksonville
Las Vegas
Miami
Milwaukee
Orlando
Palm City
Phoenix
Tallahassee
Tampa
Virginia Beach

Tier 4
Branch Name
Albany
Atlanta
Buffalo
Charlotte
Dallas
Greensboro
Indianapolis
Oklahoma
Raleigh
Richmond
Roanoke
Rochester
Savannah
Syracuse

ATTACHMENT A - LABOR RATES

Schedule 03FAC # GS-06F-0033P
 Mod PS-0037 Effective 3/24/16

FY16 Energy Engineer GSA Rates				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
Energy Engineer	Tier 1	\$221.65	\$332.48	\$443.30
	Tier 2	\$201.50	\$302.25	\$403.00
	Tier 3	\$176.31	\$264.47	\$352.62
	Tier 4	\$161.20	\$241.80	\$322.40

Tier 1
Branch Name
Albuquerque
Fresno
Harrisburg
Las Vegas
Los Angeles
New Jersey
New York
Philadelphia
Phoenix
Sacramento
San Diego
San Francisco
Scranton

Tier 2
Branch Name
Atlanta
Baltimore
Central Illinois
Central Texas
Charlotte
Chicago
Greensboro
Houston
Iowa
Kansas City
Milwaukee
Minneapolis
Nebraska
Oklahoma
Raleigh
St. Louis
Wash DC-Beltsville

Tier 3
Branch Name
Alabama
Alaska
Albany
Boise
Boston
Buffalo
Cincinnati
Cleveland
Colorado Springs
Columbus
Dallas
Denver
Hartford
Harvard
Jackson
Jacksonville
Lafayette
Louisville
Maine
Memphis

Tier 3 - continued
Branch Name
Miami
Nashville
New Orleans
Orlando
Palm City
Pensacola
Pittsburgh
Portland
Rhode Island
Richmond
Roanoke
Rochester
Salt Lake city
Savannah
Seattle
Syracuse
Tallahassee
Tampa
Virginia Beach

Tier 4
Branch Name
Detroit
Grand Rapids
Indianapolis
Puerto Rico

ATTACHMENT A - LABOR RATES

Schedule 03FAC # GS-06F-0033P
 Mod PS-0037 Effective 3/24/16

FY16 Energy PM GSA Rates				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
Energy Project Manager	Tier 1	\$211.58	\$317.37	\$423.16
	Tier 2	\$191.43	\$287.15	\$382.86
	Tier 3	\$181.35	\$272.03	\$362.70
	Tier 4	\$161.20	\$241.80	\$322.40

Tier 1
Branch Name
Los Angeles
New Jersey
New York
Sacramento
San Diego
San Francisco

Tier 2
Branch Name
Alaska
Atlanta
Baltimore
Charlotte
Chicago
Cincinnati
Detroit
Greensboro
Harrisburg
Las Vegas
Minneapolis
Philadelphia
Portland
Raleigh
Scranton
Seattle
St. Louis
Wash DC-Beltsville

Tier 3
Branch Name
Albuquerque
Boise
Boston
Cleveland
Colorado Springs
Columbus
Denver
Iowa
Jacksonville
Kansas City
Memphis
Miami
Orlando
Palm City
Phoenix
Pittsburgh
Richmond
Salt Lake City
Savannah
Tallahassee
Tampa

Tier 4
Branch Name
Alabama
Albany
Buffalo
Central Illinois
Central Texas
Dallas
Grand Rapids
Hartford
Harvard
Houston
Indianapolis
Jackson
Lafayette
Louisville
Maine
Milwaukee
Nashville
Nebraska
New Orleans
Oklahoma
Pensacola
Puerto Rico
Rhode Island
Roanoke
Rochester
Syracuse
Virginia Beach

Schedule 03FAC # GS-06F-0033P

Mod PS-0038 Effective 7/1/16

FY16 Energy PM GSA Rates				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
Electrical Program Manager	National Rate	\$206.54	\$309.81	\$413.08
System Power Study Engineer	National Rate	\$206.54	\$309.81	\$413.08

Schedule 03FAC # GS-06F-0033P

Mod PS-0039 Effective 7/1/16

FY16 Energy PM GSA Rates				
Type Labor	Tier	GSA Rate w/IFF	OT Rates	DT Rates
Field Service Engineer	National Rate	\$223.67	\$335.51	\$447.34
Repair Service Technician (OCONUS)	National Rate	\$183.37	\$275.06	\$366.74
Repair Service Technician (CONUS)	National Rate	\$160.19	\$240.29	\$320.38

ATTACHMENT B - SIEMENS FIELD OFFICES

Siemens Field Offices and Telephone Numbers

<u>Location</u>	<u>Address</u>	<u>City/State</u>	<u>Phone</u>	<u>Fax</u>
Albany 551	6 British American Blvd.	Latham, NY 12110	518-782-0131	518-782-0476
Albuquerque 612N	8804 Washington NE , Suite F	Albuquerque, NM 87113	505-798-9644	505-797-4741
Anchorage 637	5333 Fairbanks St., Suite B	Anchorage, AK 99518	907-563-2242	907-563-6139
Atlanta 210	1745 Corporate Drive, Suite 240	Norcross, GA 30093	770-935-2000	770-935-2024
Atlanta 103 (ATL PD2)	5901-B Peachtree-Dunwoody Rd St 550	Atlanta, GA. 30328	678-919-1130	sub of Atlanta
Austin 251	1835-B Kramer Lane, Suite 180	Austin, TX. 78758	512-339-6991	512-339-3617
Baltimore 545	2520 Lord Baltimore Drive	Baltimore, MD. 21244	410-645-1600	410-645-1616
Bellingham	1128 Dale Lane	Mt. Vernon, WA. 98273	360-336-3300	360-336-0100
Birmingham 214	285-A Cahaba Valley Pkway North	Pelham, AL. 35124	205-403-8388	205-403-9841
Bloomington 222	14 Currency Drive	Bloomington, IL 61704	309-664-2460	309-664-2466
Boise	9632 West Emerald	Boise, ID. 83704	208-658-9107	
Boston 520	85 John Road, Unit 1	Canton, MA. 02021	781-575-1900	781-575-9590
Buffalo 232	85 Northpoint Pkway, Suite 8	Amherst, NY 14228	716-568-0983	716-568-1449
Cambridge	69 Innerbelt Road	Somerville, MA. 02143	781-575-1900	
Cape Canaveral	3030 Venture Lane #101	Melbourne, FL 32934	321-775-6227	321-775-6246
Chantilly	4510 Daly Drive	Chantilly, VA. 20151	301-419-2600	
Charlotte 543	2201 Crown Point Ex. Dr., #K	Charlotte, NC. 28227	704-847-1680	704-847-1673
Chicago 220	585 Slawin Court	Mount Prospect, IL. 60056	847-803-2700	847-803-2733
Cincinnati 260	1310 kemper Meadow Dr., St. 500	Cincinnati, OH. 45240	513-742-5590	513-595-8844
Cleveland 230	5350 Transportation Blvd., Suite 9	Garfield Heights, OH. 44125	216-332-7360	216-332-7361
Colorado Spr. 272	981 Elkton Drive	Colorado Springs, CO. 80907	719-266-6565	719-266-6568
Columbus 262	530 Lakeview Plaza Blvd., Suite D	Worthington, OH. 43085	614-846-9540	614-846-4118
Dallas 250	8600 North Royal Lane, Suite 100	Irving, TX. 75063	972-550-8488	972-751-1194
Denver 270	7810 Shaffer Parkway, Suite 100	Littleton, CO. 80127	303-279-8500	303-568-7397
Des Moines 242	335 SE Oralabor Road	Ankeny, IA. 50021	515-963-1400	515-963-1401
Detroit 233	45470 Commerce Center Drive	Plymouth Township, MI 48170	734-456-3800	866-815-0749
Eau Claire	505 Dewey Street, Suite 202	Eau Claire, WI. 54701	715-835-6696	
Fairbanks	3437 Airport Way, St. 202-B	Fairbanks, AK. 99709	907-479-7034	907-479-3679
Florham Park	8 Fernwood Road	Florham Park, NJ 07932	973-593-2600	973-593-6612
Fresno	4152 W. Swift Ave., #101	Fresno, CA. 93722	559-276-2600	559-275-6531
Grand Rapids 236	1525 Gezon Parkway, Suite A	Wyoming, MI. 49509	616-538-1611	616-538-2890
Greensboro 544	2641-B Randleman Road	Greensboro, NC 27406	336-691-0740	336-691-0670
Harrisburg 531	5095 Ritter Road	Mechanicsburg, PA 17055	717-697-4656	717-697-8798
Hartford 511	104 Sebethe Drive	Cromwell, CT 06416	860-635-4113	860-635-4147
Houston 252	8850 Fallbrook Drive	Houston, TX 77064	281-949-3000	281-949-3100
Indianapolis 225	6200 Technology Center Drive	Indianapolis, IN 46278	317-293-8880	317-293-0374

ATTACHMENT B - SIEMENS FIELD OFFICES

Jackson 283	1018 N. Flowood	Flowood, MS 39208	601-718-1310	601-718-1340
Jacksonville 217	8940 Western Way, Suite 1	Jacksonville, FL. 32256	904-464-0808	904-464-0037
Jamestown	220 Fluvanna Avenue	Jamestown, NY 14701	716-664-9826	716-661-3248
Kansas 240	8066 Flint Street	Lenexa, KS 62214	913-888-2646	913-888-2784
Kearney	1400 W 22nd Street Suite B	Kearney, NE 68845	308-237-2200	308-237-9088
Lafayette 256	104 Annonce Street	Lafayette, LA. 70507	337-233-7431	337-233-7518
Las Vegas 613	6295 Pearl Street, Suite 100	Las Vegas, NV 89120	702-897-9424	702-580-6902
Little Rock	600 Pine Forest Drive, Suite 107	Maumelle, AR 72113	501-803-0003	866-219-2816
Long Island 599	50 Orville Drive	Bohemia, NY 11716	631-218-1000	631-218-1009
Los Angeles 610	10775 Business Center Drive	Cypress, CA 90630	714-761-2200	714-761-2134
Louisville 291	11001 Blugrass Pkway., St 320	Louisville, KY 40299	502-267-1571	502-267-0316
Maine 521	66 Mussey Road	Scarborough, ME 04074	207-885-4100	207-885-4170
Memphis 215	7600 Appling Center, St. 103	Memphis, TN 38133	901-377-6223	901-377-6820
Miami 216	3021 N. Commerce Parkway	Miramar, FL. 33025	954-364-6600	954-364-6767
Milwaukee 221	6737 W Washington St., St. 2110	Milwaukee, WI 53215	414-475-3700	414-475-3703
Minneapolis 223	1239 Willow Lake Blvd.	Vadnais Heights, MN 55110	651-631-8533	651-604-1788
Moscow 632	1282 Alturas Drive, Suite B	Moscow, ID 83843	208-883-8330	
Nashville 212	5010 Linbar Drive, Suite 125	Nashville, TN 37211	615-832-0500	615-834-2541
New Orleans 213	150 Teal Street, Suite 100	St. Rose, LA 70087	504-466-9300	504-464-6800
New York 510/512	19 Chapin Road, P.O. Box 704	Pinebrook, NJ 07058	973-575-6300	973-575-7968
Oklahoma City 255	5924 N.W. 2nd St., Suite 1000	Oklahoma City, OK 73127	405-787-4390	405-787-2586
Omaha 243	5708 South 118th Circle	Omaha, NE 68137	402-891-8174	402-891-8175
Orlando 228	4122 Metric Drive	Winter Park, FL 32792	407-851-0097	407-851-9055
Palm City 296	2969 S W 42nd Avenue	Palm City, FL 34990	772-419-2800	772-223-7130
Pensacola 211	1233 Barrancas Avenue	Pensacola, FL 32501	850-433-5995	850-433-7055
Philadelphia 530	1450 Union Meeting Road	Blue Bell, PA 19422	215-654-8040	215-654-8041
Phoenix 612	4025 Cotton Center Blvd., St. 200	Phoenix, AZ 85040	602-567-2200	602-567-2358
Pittsburgh 234	600 Bursca Drive, Suite 606	Bridgeville, PA 15017	412-257-2111	412-257-0220
Port. Oregon 631	15201A NW Greenbrier Pkway St A4	Beaverton, OR 97006	503-207-1900	503-207-1901
Puerto Rico 299	Barr Palmas In. Zone Hwy 869 km 1.5	Catano, PR 00962	787-622-9293	787-622-9294
Raleigh 546	215 Southport Drive, Suite 900	Morrisville, NC 27560	919-469-5095	919-469-9846
Reno 719	9190 Double Diamond Pkwy. St. 118	Reno, NV 89521	775-850-5850	
Reston (Federal)	1881 Campus Commons Dr., St. 500	Reston, VA 20191	703-262-8470	
Rhode Island 522	40 Sharpe Drive Unit 4	Cranston, RI 02920	401-732-4787	401-732-4742
Richmond 542	5106 Glen Alden Drive	Richmond, VA 23231	804-222-6680	804-226-4278
Roanoke 539	1255-B Trapper Circle N.W.	Roanoke, VA 24012	540-563-8877	540-563-8482
Rochester 552	422 E. Henrietta Road	Rochester, NY 14620	585-797-2300	585-797-2320
Sacramento 621	3650 Industrial Blvd., St. 100	West Sacramento, CA 95691	916-553-4444	916-447-4724
Salt Lake City 615	9707 S. Sandy Parkway	Sandy, UT 84070	801-316-2500	801-316-2449
San Antonio 253	12001 Network Blvd. St. 318	San Antonio, TX 78249	210-641-2921	210-641-2922

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San Diego 611	10100 Willow creek Road	San Diego, CA 92131	858-693-8711	858-693-1896
San Francisco 620	25821 Industrial Blvd., St. 300	Hayward, CA 94545	510-783-6000	510-293-2100
Savannah 248	1000 Business Center Dr., St. 70	Savannah, GA 31405	912-239-9820	912-239-9754
Scranton 532	237 Main St., St 103	Dickson City, PA 18519	570-383-0215	
Seattle 630	22010 S.E. 51st Street	Issaquah, WA 98029	425-507-4300	425-507-4350
Spokane 632S	12406 E. Desmet, St A	Spokane, WA 99216	509-891-9070	509-891-8017
St. Louis 226	2320 Ball Drive	St. Louis, MO 63146	314-567-5570	314-567-5840
Syracuse 550	6075 E. Molly Road, St. 4	Syracuse, NY 13211	315-437-2726	315-437-9049
Tacoma	632 St. Helens	Tacoma, WA 98402	253-274-4776	
Tallahassee 297	119 Hamilton Park Dr., Unit 1	Tallahassee, FL 32304	850-504-0344	850-504-0343
Tampa 218	8403 Benjamin Road, St. F	Tampa, FL 33634	813-740-1234	813-740-8877
Tulsa	6010 S. 66th East Ave.	Tulsa, OK 74145	918-615-1430	918-615-1435
Virginia Beach 538	5269 Cleveland St., St. 101	Virginia Beach, VA 23462	757-490-6026	757-490-0610
Washington 540	6435 Virginia Manor Road	Beltsville, MD 20705	301-837-2600	800-206-2141
Pace Global	4401 Fair Lakes Court	Fairfax, VA 22033	703-818-9100	
OSRAM SYLVANIA Inc.	100 Endicott Street	Danvers MA 01923	978-777-1900	
SYLVANIA Lighting Services Corp	18725 North Union	Westfield, IN 46074	800-323-0572	877-537-0784

Siemens Overseas Points of Contact

<u>Cluster / Country</u>	<u>Contact name</u>	<u>Address</u>	<u>Address</u>	<u>email</u>	<u>Phone</u>	<u>Fax</u>
GERMANY	Joachim Deutschmann	Nonnendammallee 101	13629 Berlin	joachim.deutschmann@siemens.com	49 30 386-44812	49 (30) 386-1344812
NORTH WEST EUROPE / UK	Kim White	Sir William Siemens Square	GU16 8QD Frimley, Camberley	kim.white@siemens.com	44 1276 696941	
DENMARK	Claus Møller	Borupvang 3	2750 Ballerup	claus.moeller@siemens.com	45 4477-4208	
FINLAND & BALTICS	Lars Maura	PL 60	FI-02601 Espoo	lars.maura@siemens.com	358 10 511 3099	358 10 511 2407
IRELAND	Nick O'Mahony	Leeson Close	2 Dublin	nick.omahony@siemens.com	353 (86) 3835188	
NETHERLANDS	Max Remerie	P.O. Box 16068	2500 BB Den Haag	max.remerie@siemens.com	31 70 333 9539	
NORWAY	Olav Rygvold	Bratsbergveien 5	7493 Trondheim	olav.rygvold@siemens.com	47 7395 9616	47 2263 3758
POLAND	Marcin Szczepanski	ul. Zupnicza 11	03-821 Warszawa	marcin.szczepanski@siemens.com	48 (22) 870-8096	
SWEDEN	Elin Lofblad	Johanneslundsvaegen 12-14	SE-194 87 Upplands Vaesby	elin.lofblad@siemens.com	46 (8) 728-1207	
SOUTH WEST EUROPE	Carlos Melo Ribeiro	Rua Irmaos Siemens, 1	2720-093 Amadora	melo.ribeiro@siemens.com	351 (21) 417-8280	351 (21) 417-8055
SPAIN	Francisco Rincon Castejon	Ronda de Europa, 5	28760 Tres Cantos	francisco.rincon@siemens.com	34 91 514-8088	34 (91) 5148013
BELGIUM	Marc D'Oosterlinck	Square Marie Curie 20-30	1070 Anderlecht	marc.doosterlinck@siemens.com	32 253-65866	
FRANCE	François Gerin	93527 Saint-Denis Cedex 2		francois.gerin@siemens.com	33 (1) 4922-4294	33 1 4922-3584
GREECE	Vassilios Kastanis	6-8 Agisilaou Str., Amaroussio	151 23 Athens	vasilis.kastanis@siemens.com	30 (210) 6864-606	30 (210) 6864913
ITALY	Riccardo Castorina	Casella Postale 17154	20170 Milano MI	riccardo.castorina@siemens.com	39 (02) 24363663	39 (02) 243-63678

ATTACHMENT B - SIEMENS FIELD OFFICES

PORTUGAL	Rui Sequeira	Rua Irmaos Siemens, 1	2720-093 Amadora	rui.sequeira@siemens.com	351 21 417-8985	351 (21) 417-8111
SWITZERLAND	Sven Östlund	Postbox	8047 Zuerich	sven.oestlund@siemens.com	41 (585) 584 339	41 585 545 115
CENTRAL EASTERN EUROPE	Georg Pammer	Postbox 83	1211 Vienna	georg.j.pammer@siemens.com	43 51707-20010	
AUSTRIA	Marija Novakovic	Postbox 83	1211 Vienna	marija.novakovic@siemens.com	43 51707-45319	
BULGARIA	Veseline Varbanova	2, Kukush Str.	1309 Sofia	veselina.varbanova@siemens.com	359 (2) 8115 612	359 (2) 8115 660
CROATIA	Adriana Stefanac	P.P. 408	HR-10001 Zagreb	adriana.stefanac@siemens.com	385 (1) 6105 609	385 (1) 6105 939
CZECH REPUBLIC	Jens Wulf	Siemensova 1	155 00 Praha	jens.wulf@siemens.com	420 233031300	
HUNGARY	Géza Füstös	Gizella ut 51-57	1143 Budapest	geza.fustos@siemens.com	36 1 471-1557	36 (1) 471-1532
ISRAEL	Zahi Golan	14 Hamelacha Street	48091 Rosh Ha ayin	zahi.golan@siemens.com	972 3 9151923	
SERBIA	Mirjana Cvijanovic	Omladinskih brigada 21	110700 Belgrade	mirjana.cvijanovic@siemens.com	381 (11) 2096 258	
TURKEY	Fatih Sakiz	P.K. 26	34861 Kartal - Istanbul	fatih.sakiz@siemens.com	90 (216) 4592075	90 (216) 4593915
UKRAINE	Olena Mykal	Mykoly Hrinchenko Str., 4-V	03680 Kiev	olena.mykal@siemens.com	380 (44) 392-2318	380 (44) 392-2499
RUSSIA / CENTRAL ASIA	Victoria Borovikova	ul. Bolshaya Tatarskaya, 9	115184 Moscow	victoria.borovikova@siemens.com	7 (495) 737 1893	
AFRICA	Ioannis Ioannidis	Private Bag X71	1685 Halfway House	ioannis.ioannidis@siemens.com	27 (11) 6522-942	
MIDDLE EAST	Ghassan Khalil	P.O. Box 9510	Riyadh 11423	ghassan.khalil@siemens.com	966 (1) 277-8113	966 (1) 277-8318
UAE	Rafael Herok	P.O. Box 2154	Dubai	rafael.herok@siemens.com	971 4 3660769	971 4 3660630
EGYPT	Rana Hakam	P.O. Box 775	11511 Cairo - Mohandessin	rana.hakam@siemens.com	20 (2) 3333-3508	20 (2) 333-33661
PAKISTAN	Mansoor Farooqui	P.O. Box 71 58	75700 Karachi	mansoor.farooqui@siemens.com	92 (21) 3255-0012	92 (21) 3256-6218
QATAR	Nauman Gul	P.O. Box No. 21757	Doha	nauman.gul@siemens.com	974 44560203	
SAUDI ARABIA	Ghassan Khalil	P.O. Box 9510	Riyadh 11423	ghassan.khalil@siemens.com	966 (1) 277-8113	966 (1) 277-8318
NORTH AMERICA	Rainer Theisen	Av. Ejercito Nacional No. 350, Colonia Chapultepec Morales	11570 Mexico, D.F.	rainer.theisen@siemens.com	52 (55) 5328-7844	52 (55) 5328-2003
USA	Ken Cornelius	1345 Ridgeland Parkway	30004 Alpharetta, GA	ken.cornelius@siemens.com	1 678 867-7446	(678) 867-7450
CANADA	Roberto Bragagnolo	1550 Appleby Line	L7L 6X7 Burlington ON	roberto.bragagnolo@siemens.com	1 (289) 313-5415	1 (905) 315-6900
MESOAMERICA	Rainer Theisen	Av. Ejercito Nacional No. 350, Colonia Chapultepec Morales	11570 Mexico, D.F.	rainer.theisen@siemens.com	52 (55) 5328-7844	52 (55) 5328-2003
BRAZIL	Victor Batista (act.)	Caixa Postal 1375	05069-900 Sao Paulo-SP	victor.batista@siemens.com	55 11 3908-6126	55 11 3908-3360
AUSTRAL-ANDINA	Edgar Palacios	Calle Manuel Zambrano y Panamericana Norte KM 2.5	170150 Quito	edgar.palacios@siemens.com	593 (2) 2943900	593 (2) 2943901
COLOMBIA	Ivan Laverde	Calle 64 N No 5B-146, Oficina 24 Centroempresa	Cali-Occidente	ivan.laverde@siemens.com	57 (1) 2942682	57 (1) 4253588
ARGENTINA	Enrique Genzone	Julian S. Agueero 2830 - (Manzana II - Torre 3) , Vicente Lopez	B1605EBQ Munro	enrique.genzone@siemens.com	54 (11) 4340-8454	54 (11) 5432-6591
BOLIVIA	Omar Vargas	Barrio Equipetrol Norte, UV 59, Manzana 42. Lote 4.	Santa Cruz de la Sierra	omar.vargas@siemens.com	591 (3) 311-0011	

ATTACHMENT B - SIEMENS FIELD OFFICES

CHILE	Edwin Chavez	Avda. Providencia 1760, Edificio Palladio, Piso 10, Providencia	8320000 Santiago	edwin.chavez@siemens.com	56 (2) 4771000- 1221	
ECUADOR	Edgar Palacios	Calle Manuel Zambrano y Panamericana Norte KM 2.5	170150 Quito	edgar.palacios@siemens.com	593 (2) 2943900	593 (2) 2943901
PERU	Carlos Perpetua	Avenida Domingo Orue 971, Surquillo	34 Lima	carlos.perpetua@siemens.com	51 (1) 215-5721	51 (1) 4219292
VENEZUELA	Mario Canedo	Apartado 3616	1010 A Caracas	mario.canedo@siemens.com	58 (212) 203-8529	58 (212) 2038200
NORTH EAST ASIA / CHINA	Martin Flurschütz	P.O.B. 8543	100102 BEIJING, BEIJING PROVINCE	martin.flurschuetz@siemens.com	86 (10) 64763066	
HONG KONG	Anna Choi	22/F, Two Landmark East, 100 How Ming Street	Kwun Tong	anna.choi@siemens.com	852 2583-3329	852 2802-9812
TAIWAN	Peter Weiss (act.)	P.O.Box 191-32	Taipei City 11599	p.weiss@siemens.com	886 (2) 2652-8988	886 (2) 2652-8649
INDIA	Nishitkumar Salian (act.)	130, Pandurang Budhkar Marg, HO, Worli	400018 Mumbai	nishitkumar.salian@siemens.com	91 (22) 33265132	91 (22) 39677332
JAPAN	Yasuhiko Doi	3-20-14, Higashi- Gotanda, Shinagawa-ku	141-0022 Tokyo	yasuhiko.doi@siemens.com	81 (3) 5423-8623	81 (3) 5423-8734
ASEAN-PACIFIC / SINGAPORE	Steffen Endler	60 MacPherson Road	348615 Singapore	steffen.endler@siemens.com	65 6490-8488	65 6490-8489
AUSTRALIA	Roslyn Sayers	Wittelsbacherplatz 2	80200 Muenchen	roslyn.sayers@siemens.com	61 (3) 9721-7670	
INDONESIA	Agnes Elizante Darante	P.O. Box 2469	Jakarta 10001	agnes.darante@siemens.com	62 (21) 2754 3006	62 (21) 2754 3010
KOREA	Dagmar Beitz	Poongsan Bldg 23 Chungjeong Ro, Seodaemun Gu	120-837 Seoul	dagmar.beitz@siemens.com	82 2 3450 7012	82 2 3450 7743
MALAYSIA	Sharizal Sidek	Level 1 Reception, CP Tower 11, Jalan 16/11	46350 Petaling Jaya	sharizal.sidek@siemens.com	60 (3) 7952-4433	
NEW ZEALAND	Paul Ravlich	P O Box 14-046, Panmure	Penrose Auckland 1061	paul.ravlich@siemens.com	64 (9) 580-5603	64 (9) 580-5601
THAILAND	Steffen Endler (act.)	60 MacPherson Road	348615 Singapore	steffen.endler@siemens.com	65 6490-8488	65 6490-8489
VIETNAM	Bui Minh Tri	5B Ton Duc Thang Street, District 1	Ho Chi Minh City	bui-minh.tri@siemens.com	84 (8) 38251900	84 (8) 38251580